

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act,1956

2022 - 23

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I:PRELIMINARY INFORMATION

A.Y: 2022 - 23

Date: 24/6/2023

Name of the Department	:	Computer science and Engineering
Address of the Institute	:	Dundigal
Date and time of visit	:	24/6/2023 10 AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy (women
	:	Dr.p. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT: CSE

S.No	Particular	Remarks	
	Curricular Aspects (a) Course Offered		
	Name of theCourse Intake		
	B.Tech 192		
	M. Tech 06		
1	(b) Semester wise curricular Plan: Available / Not available	Available	
	(c) Coverage of Syllabus:	coursed	
	(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	yes	

					- 1		
	Faculty Status: Total Faculty: Available as per AIC (a) Teacher: Student IC (b) Faculty Information	Ratio:	UH R	Regis	tration:		
	Faculty	Male		For	nale	1	
	Professors	08		-	D2	-	
	Associate professor			,	0		
	Assistant professor			1	y		
2	(c) Teaching Experien	nce of the	Facul	ty in	the institute:		
	Experience >10 years	5-10yrs	2-5 year		<2years		
	No. of 1D Faculty	14	25)	0		
	(d) Details of Support i) Lab Assistants: ii) Assistant program					- 13	
3	b) Student Assignme c) Tutorial classes: d) Remedial Classes: e) Field/Industrial vis f) Student Centric Ac • Quizzes / work g) Use of supplements Of ICT: PPT, Smart h) Various Pedagogic Sangrah with proof i) Lecture based ii) Group-teaching iii) Individual lear iv) Inquiry based I v) Expeditionary vi) Peer learning: vii) Experimental I viii) Learning throu i) Adherence to Acade j) Quality of Student Pro	Teaching – Learning: a) Availability of Course Files: b) Student Assignments/Unit Test: c) Tutorial classes: d) Remedial Classes: e) Field/Industrial visits/Internships: f) Student Centric Activities:					
	Laboratory Facilities		16	1		44	
4	(a) Number of Labora					24	
	(b) Working condition	of equipr	nent:			Good	

	(c) Up gradation as per new developments and requir	_	44
	curriculum:	O Pene m. C.	
	(d) Availability of licensed Curriculum:	opensource	
	(e) Computational facilities(f) Number of PCs:	available (No. of labs):	350
	(g) Software available:		Available
	(h) No of Printers/Scanners		211 20010 500
	(i) Availability of updated		Available dy Pointers, 5 scanne dy
	Report on Student Results	:	
	a) Report on overall Resul	ts (B.Tech)	20.14
	Metric	Result	
	Overall Pass Percentage		_
	Distinctions First Classes		
	First Classes		
	(b) Report on Semester wi		
	I Semester Pa	65.427.	
	II Semester Page	_	
	III Semester Pa	ass %:	85,71%
	IV Semester Pa	ass %:	_
	V Semester Pa		81.714.
_	VI Semester Pa		_
5	VII Semester Pa		80.64%
	VIII Semester Pa	00 047.	
	Number of Students discont		
	(c) Report on overall Resu M. Tech/MBA):	lts (PG Programs:	
	Metric	Result	
	Overall Pass Percentage		_
	Distinctions		
	First Classes		
	(d) Report on Semester w	ise results (PG Programs:	
	M. Tech/MBA:		100%
	• I Semester Pass %		
	- II C D 0/		
	 II Semester Pass%: III Semester Pass %		

	Number of Students discontinued the program:		
	Outcome Based Education (OBE):		
	 Proof for CO attainments: PO/PSO attainments: 	yes	
6	3. Action Taken Report(ATR) for non-attainment of CO's, PO, & PSO's:	Available	
	4. Course Description forms (Which includes Articulation matrix Direct & Indirect	Available	
	assessment tools	44	
	5. Key competencies:	443	
	Faculty Development Programs:		
	(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	29	
	(b) Conferences attended by the faculty: (i) National:	07	
	(ii) International:	06	
	(c) Workshops attended by the faculty: (i) National:	16	
	(ii) International:	07	
7	(d) Short Term Training Program (STTP) attended		
	by the faculty: (i) National:	16	
	(ii) International:	07	
	(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:	409	
	(f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:	49	

	Research Publications:	
	(a). No. of publications in Journals: (i). National: (ii). International:	50 14
	(b). No. of publications in Conference (i). National: (ii). International: (iii). Book Chapters:	es: 43 06 06
8	(c). Report on Patents/ copyrights/In Designs (i) Published: (ii) Granted: (d). Report on Ongoing Research /Sp Research Project details:	13
	Title Name of PI Funding agency Amou	unt Status
	Name of Client Title of consulta Faculty Organization Project	Me 3,25,890
9	Library, other facilities: (a). Department Library: (i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines: (b). Any other please specify:	616 4946 06
10	Placement Activities: (i) No. of companies Visited: (ii) No. of Placements offered: (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education:	19 151 5.0 L.P.A 3.8 07



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act,1956

2022 - 23

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I:PRELIMINARY INFORMATION

A.Y: 2022 - 23

Date: 24/6/2023

Name of the Department	:	Computer science and Engineery
Address of the Institute	:	Dundigal
Date and time of visit	:	24/6/2023 10 AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy (women i
	:	Dr.p. Ashok Babu (IARE)
	:	

NAME OF THE DEPARTMENT: CSE

S.No	Particular	Remarks
	Curricular Aspects (a) Course Offered	
	Name of theCourse Intake	
	B.Tech 192	
	M. Tech 06	
1	(b) Semester wise curricular Plan: Available / Not available	Available
	(c) Coverage of Syllabus:	coursed
	(d) Report (with evidences) on latest changes brought in the revision of curriculum and syllabus:	Yes

						111		
	Faculty State Total Facult Available as (a) Teacher: State (b) Faculty In	y: per AIC Student I	Ratio:	UH Re	egis	tration:		
	(b) Faculty In	iformatio	200.000		D	,	¬	
	Faculty Professors		Male			nale	41	
1	Associate p	rofessor	08			2		
	Assistant p		-			<u>0</u> Ч		
2	(c) Teaching Attached:	Experier		Facult		,	e:	
	Experience	>10 years	5-10yrs	2-5 years	S	<2years		
	No. of Faculty	10	14	27		O		5
	(d) Details of Supporting Staff: i) Lab Assistants:					- 13		
3							10000	d visited
	Laboratory F	acilities	:				49	
4	(a) Number o	f Labora	tories:				24	
	(b) Working c	ondition	of equipr	nent:			Good	

	(c) Up gradation as per new		44
	developments and require	ements of the course	
	curriculum:	O Dane -	
	(d) Availability of licensed	software as per the course	opensoura
	Curriculum:		
	(e) Computational facilities	available (No. of labs):	24
	(f) Number of PCs:		Augitable
	(g) Software available:		11)00110192
	(h) No of Printers/Scanners:		24 Pointers, 5 scanna
	(i) Availability of updated S	Stock registers	Available 24 Pointers, 5 Scanna
	Report on Student Results:	i	
	a) Report on overall Result	ts (B.Tech)	
	Metric	Result	
	Overall Pass Percentage	_	
	Distinctions		
	First Classes		
	(b) Report on Semester wi		
	(b) Report on Semester wi		
	I Semester Pa	65.427.	
	II Semester Pa	ass %:	_
	III Semester Pa	ass %:	85,71%
	IV Semester Pa	ass %:	_
	V Semester Pa	ss %:	81.714.
	VI Semester Pa	ass%:	3(-1)
5	VII Semester Pa	SS %:	On Charl
	VIII Semester Pa	ss %:	80·64%
	Number of Students discont	inued from the program:	-
	(c) Report on overall Resu	lts (PG Programs:	
	M. Tech/MBA):		
	Metric	Result	
	Overall Pass Percentage		
	Distinctions		
	First Classes		
	(d) Report on Semester w		
	M. Tech/MBA:		100%
	 I Semester Pass % II Semester Pass%:		-
	• II Semester Pass%:		
	• III Semester Pass %:		_

	Number of Students discontinued the program:	,
	Outcome Based Education (OBE):	
	 Proof for CO attainments: PO/PSO attainments: 	yes
6	3. Action Taken Report(ATR) for non-attainment of CO's, PO, & PSO's:	Available
	Course Description forms (Which includes Articulation matrix Direct & Indirect	Available
	assessment tools	yes
	5. Key competencies:	449
	Faculty Development Programs:	100
	(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	29
	(b) Conferences attended by the faculty: (i) National:	07
	(ii) International:	06
	(c) Workshops attended by the faculty: (i) National:	16
	(ii) International:	07
7	(d) Short Term Training Program (STTP) attended by the faculty:	
	(i) National:	16
	(ii) International:	07
	(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:	49
-	(f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:	49

	Research Publications:		. 1).		
	(a). No. of publications in (i). National: (ii). Internation	50 14			
	(b). No. of publications in (i). National: (ii). Internatio (iii). Book Ch	43 06 06			
8	(c). Report on Patents/ con Designs (i) Published (ii) Granted: (d). Report on Ongoing For Research Project determined to the Project determined t	13			
	Title Name of PI Fun ager & CO-PI ager (e). Report on Consultan		Status		
	Name of Client T Faculty Organization P	itle of consultancy roject I H Calth Care	Amount 3,25,890		
9	(a). Department Library (i) Number of Titl (ii) Total volumes (iii) Number of Jou (iv) Department M (b). Any other please special	es: of Books: rnals: agazines:		616 4946 06	
10	(i) No. of companies Vi (ii) No. of Placements o (iii) No. of Students place (iv) Higher salary offered (v) Average salary offered (vi) Median salary offered (vii) Off campus placemed (viii) Higher education:	ffered: ed: d: ed:		19 151 5.0 L.P.A 3.8 07	

	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies:		463
11	(b) Department Advisory Board:(c) Programme Assessment	and	400
	Qualityimprovement Committee: (d) Any Other Academic Committee:		423
	Signatures of the External Members		NON
			Just "

comments:

1. Focus on Higher Package salary, 2. more patenty required for faculty.



(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act, 1956

Minutes of the Meeting of BoS (U.G -B.Tech - CSE) held on 27.03.2023

The meeting of all the members of Board of studies of CSE of MLRITM College, Dundigal is conducted on 27.03.2023 at 10:00 A.M in the Board room of this institute.

The following are the BoS members for the CSE Department.

S. No.	Name & Details of Members	Designation	Category
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	Chairman
2	Dr. O. B. V. Ramanaiah	Professor, Dept. of CSE, JNTUH.	JNTUH, Nominee
3	Dr. S. Viswanadha Raju	Professor Dept. of CSE, JNTUH CEJ, Jagtial	Subject Expert
4	Mr. CH. Yukthesh	Sr. Technical Officer IBM	Expert form Industry
5	Prof. K. Abdul Basith	Professor Dept. of CSE, MLRITM, Dundigal	Member
6	Dr. M. Nagalakshmi	Professor Dept. of CSE, MLRITM, Dundigal	Member
7	Mr. K. Suresh	Technical Consultant IntegRythm, Hyderabad	Alumni

BoS Chairman for the CSE department has welcomed honorable members to the BoS meeting. The BoS meeting has commenced with the permission of the chairman.

▶ BoS Members have finalized B.Tech CSE MLRS – R22 II Year Course Structure and Syllabus for the students who are admitted in college in the A.Y. 2022-23. B.Tech CSE II Year Course structure is enclosed in Annexure - I.

> The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Signature
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	B. Par
2	Dr. O. B. V. Ramanaiah	University Nominee, Professor, Dept. of CSE, JNTUH.	asnlamgnaia
3	Dr. S. Viswanadha Raju	Member – Subject Expert Dept. of CSE, JNTUH CEJ, Jagtial	A.
4	Mr. CH. Yukthesh	Member Expert from Industry	Sul.
5	Prof. K. Abdul Basith	Member Dept. of CSE, MLRITM	4. Sail .
6	Dr. M. Nagalakshmi	Member Dept. of CSE, MLRITM	Nagalakshmi
7	Mr. K. Suresh	Alumni	Sun

Date: 27/03/2023

Chairman, Bos.



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act,1956

INTERNAL QUALITY ASSURANCE CENTRE

22 -23

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I:PRELIMINARY INFORMATION

A.Y: 2022-23

Date: 29/11/23

Name of the Department	:	computer science of engineering
Address of the Institute	:	Dundizel
Date and time of visit	:	29/11/2023
External Members of the Audit Committee	:	Dr. P. VenKat Reddy (Women uni
	:	Dr. P. Ashok baby, IARE
	:	

NAME OF THE DEPARTMENT: CSG

S.No		Remarks	
	Curricular Aspects (a) Course Offered		
	Name of the Course	Intake	
	B.Tech	192	
	M. Tech	06	
1	(b) Semester wise current available	ricular Plan: Available / Not	Available
	(c) Coverage of Syllab	bus:	
	(d) Report (with evid in the revision of curr	lences) on latest changes brought iculum and syllabus:	Covened

	E - 14 C4-4						
	Faculty State						
	Total Facult Available as	*	TE/INT	IIH Dogi	stration:		
	(a) Teacher: S			OH Regi	stration.		
	(b) Faculty Ir						
	Faculty	Hommatio	Male	Fe	male	7	
	Professors		08		oà	-	
	Associate p	rofessors			0		1041
	Assistant p				14		
			77	-	-)		
2	(c) Teaching	Experien	ce of the	Faculty is	n the institute	e:	
	Attached:			2			
	Experience	>10	5-10yrs	2-5	<2years		
		years		years			
	No. of	10	149	27	D		- 1
	Faculty						
	(1) D-1-11(· C	C+ CC				
	(d) Details of i) Lab Assis		ing Stair:			_	
Sept. 11	ii) Assistant		mers:			13	
	Teaching – I						
	a) Availabili					uen	
	b) Student A	3.50				yes	
0	c) Tutorial classes: d) Remedial Classes: e) Field/Industrial visits/Internships: f) Student Centric Activities:				conducted	•	
					conducted		
					Condital	1	
					conducted conducted	MICITES	
	Ouizz	zes / work	shops / c	ompetitio	ons conducted		
	g) Use of sup		•	•			
	Of ICT: P			118 10010 1	upp		
	h) Various P			ches. Drs	hva Siksha		
3	Sangrah w			, 210)		
			teaching-l	learning:		468	
			g and lear	_		409	
1973			ning/self-	0		400	
7		y based l				yes	
		litionary	_				
		earning:	0			469	
	vii) Exper		earning:			yes	
	viii) Learn			em-solvin	g:	49	
	i) Adherence					40	
	j) Quality of St			ender Table (18		468	
	Laboratory					13	
4	(a) Number	of Labora	atories:			24	
	(b) Working	condition	n of equip	ment:		9000	

	(c) Up gradation as per ne	w technological		
	developments and requ	irements of the course	.409	
	curriculum:		in the second	_
	(d) Availability of licenses	d software as per the course	DD(b) D(m)	
	Curriculum:	a service as per the course	opusoune	J.
	(e) Computational facilities	es available (No. of labs):		
	(f) Number of PCs:	s available (140. of fabs).	94	
	(g) Software available:		\$50	
	(h) No of Printers/Scanner	0.	Arvailable	
	(i) Availability of updated		24 Printers,	55cann
	(i) Availability of updated	1 Stock registers	24	
	Report on Student Result	s:		
	a) Report on overall Resu	lts (B.Tech)		
	Metric	Result		
	Overall Pass Percentage			
	Distinctions			
	First Classes			
	(b) Report on Semester w	vise results (B.Tech)		
	I C			
	I Semester P		99.107%	
	• II Semester F	1000000 10000	99.47%	
	• III Semester P	CONTROL ALL PARTS		
	• IV Semester P		90.20% - 73.63%	
	• V Semester P		-	
5	VI Semester P		73.63%	
3	VII Semester Pa		-	
	 VIII Semester P. 	ass %:	95%	
	Number of Students discon-	tinued from the magness.	10 /	
	rumber of Students discon-	inued from the program:		96 V
	(c) Report on overall Resu	ılts (PG Programs:		
	M. Tech/MBA):			
	Metric	Result		
	Overall Pass Percentage			
	Distinctions			
	First Classes			
	(d) Report on Semester w	ise results (PC Programs.		
	M. Tech/MBA:	ise results (FG Frograms:		
	• I Semester Pass %		lan t	
	• II Semester Pass%:	17.	100%.	
	• III Semester Pass %:	-111		
	• IV Semester Pass %			
		50.10	and the same of th	

	Number of Students discontinued the program:	=_
	Outcome Based Education (OBE):	1
	 Proof for CO attainments: PO/PSO attainments: 	449
6	3. Action Taken Report(ATR) for non-attainment	Available Available
U	of CO's, PO, & PSO's: 4. Course Description forms (Which includes	Available
	Articulation matrix Direct & Indirect	
	assessment tools 5. Key competencies:	468
	5. Rey competencies.	489
	Faculty Development Programs:	
	(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	22
	(b) Conferences attended by the faculty: (i) National:	og
	(ii) International:	09
	(c) Workshops attended by the faculty:	20
	(i) National:(ii) International:	08
7	(d) Short Term Training Program (STTP) attended	
	by the faculty:	16
	(i) National:(ii) International:	07
	(e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs:	yes
	(f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:	yes

	The same of the sa	ally reads to have the					
	Resear	rch Publicatio	ns:				
	(a). No	o. of publication	ons in Janu	rnale			
	(-)	(i). Natio		11413.		25	
		(ii). Intern				10	
						10	
	(b). No	o. of publication		ferences:		28	
		(i). Nati					
		` '	rnational:			04	
		(111). 1500	k Chapters	S.		09	
	(c). Re	port on Paten	ts/ convri	ohts/Indust	rial		
	The second second	signs	tor copyrig	5mts/Imaust	1141	10	
8		(i) Publ	ished:			12	
0	12.0	(ii) Gran			8	01	
	(d). Re	eport on Ongo	ing Resea	rch /Sponso	ored		
	Re	esearch Projec	et details:	_			
		Name of PI	Funding			1	
	Title	& CO-PI	agency	Amount	Status		
	(a) D a		-141	4 11			
	(e). Re	port on Consu	iitancy de	tails:			
	Name	of Client	Title of	consultancy			
	Facult	y Organizatio	n Project		Amount		
	-						
	Librar	y, other facili	ties:			;	
	(-) D						
	(a). De	partment Lib (i) Number o				616	
9		(ii) Total volu		oke:		4946	
		(iii) Number of				06	
		(iv) Departme				0	
	(b). Ar	y other please					
		2 112	174				
	Placen	nent Activities	:				
	(i) N	Jo of sommoni	aa Waita J			-	
		No. of compani No. of Placeme				_	
	. ,	No. of Students				_	
10	10 20	Higher salary o				-	
10		Average salary				_	
		Median salary o				-	
	(vii) (Off campus pla	cements:			_	
(w)	(viii) I	Higher education	on:			_	
1	1					1	

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment Qualityimprovement Committee: (d) Any Other Academic Committee:	and	4eg 4eg 4eg
	Signatures of the External Members		Hoor .

comments:

1. Focus on Praining & placement.



(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act,1956

Minutes of the Meeting of BoS (U.G - B.Tech - CSE & M.Tech(CSE)) held on 21.10.2022

The meeting of all the members of Board of studies of CSE of MLRITM College, Dundigal is conducted on 21.10.2022 at 10:00 A.M in the Board room of this institute.

The following are the BoS members for the CSE Department.

S. No.	Name & Details of Members	Designation	Category
		Professor & Head	9
1	Dr. B. Ravi Prasad	Dept. of CSE, MLRITM, Dundigal	Chairman
2	Dr. M. Nagaratna	Professor,	JNTUH, Nominee
		Dept. of CSE, JNTUH.	
2	Do C Vissonalla Dain	Professor	Cubicat Export
3	Dr. S. Viswanadha Raju	Dept. of CSE, JNTUH CEJ, Jagtial	Subject Expert
4	Mr. CH. Yukthesh	Sr. Technical Officer	Expert form Industry
4	IVII. CH. 1 uktilesii	IBM	Expert form madstry
		Professor	
5	Prof. K. Abdul Basith	Dept. of CSE, MLRITM, Dundigal	Member
		Professor & Head	
6	Dr. M. Nagalakshmi	Dept. of IT, MLRITM, Dundigal	Member
7	Mr. K. Suresh	Technical Consultant	Alumni
,	IVII. K. Bulesii	IntegRythm, Hyderabad	7 Hummi

BoS Chairman for the CSE department has welcomed honorable members to the BoS meeting. The BoS meeting has commenced with the permission of the chairman.

- ▶ BoS Members have finalized MLRS-R22 Course Structure, first year subjects and syllabus for B.Tech CSE & MLRS- R22 Two years course structure and Syllabus for M.Tech CSE students who will be admitted in to college for the A.Y. 2022-23. Course structure is enclosed in Annexure-I
- BoS Members have approved the distribution and weightage of marks for theory and practical subjects. These subjects will be evaluated for a maximum of 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End Examinations).

Browind Assist.

D.

> The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Signature
1	Dr. B. Ravi Prasad	Professor & Head Dept. of CSE, MLRITM, Dundigal	B Pour I
2	Dr. M. Nagaratna	Professor, Dept. of CSE, JNTUH.	the state of the s
3	Dr. S. Viswanadha Raju	Professor Dept. of CSE, JNTUH CEJ, Jagtial	A .
4	Mr. CH. Yukthesh	Sr. Technical Officer IBM	ful:
5	Prof. K. Abdul Basith	Professor Dept. of CSE, MLRITM, Dundigal	Leavel f.
6	Dr. M. Nagalakshmi	Professor & Head Dept. of IT, MLRITM, Dundigal	Nagalatshmi
7	Mr. K. Suresh	Technical Consultant IntegRythm, Hyderabad	Jam 1

Date: 21/10/2022

Chairman, BoS



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act,1956

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y:2022-2023(Even Sem)

Date: 29/11/2023

Name of the Department	: Electrical & Electronity Engil	nceny
Address of the Institute	: Dundigal, Hyderabad.	
Date and time of visit	: 29/11/2023, 10:30 AM	
External Members of the Audit Committee	: Dr.P. Wenket Reddy	
CAY.	: Dr. P. Ashoic Babu (DARE)	
(by)		

NAME OF THE DEPARTMENT:

S.No	Harbert .	Particular	Remarks
	Curricular Aspects (a) Course Offered	*	
	Name of the Course	Intake	
	B.Tech	30 +3	1 - "
1	(b) Semester wise curravailable	icular Plan: Available / Not	Available.
	(c) Coverage of Syllab	us:	Covered
	(d) Report (with evide the revision of curricul	ences) on latest changes brought in um and syllabus:	Yy

	Faculty Statu Total Faculty Available as (a) Teacher: S (b) Faculty In	y: per AIC Student F	Ratio:			Regular 14 14.14	
	Faculty		Male	I I	Temale	(4.1)	
	Professors)				
	Associate p	rofessor	s 2				26/14/20
	Assistant p	rofessor	\$ 8		3		
	(c) Teaching Attached: Experience		nce of the 5-10yrs	Faculty	in the institute:		
21/	Experience	years	J-10y13	years	23 cars		
116	No.of Faculty	6	2	4	2		
	(d) Details of i) Lab Assis ii) Assistant	tants: progran	3 imers;				
	b) Stude c) Tutor d) Reme e) Field educa	ability of the street and class class class of the street and class of the street at least 1 at lea	f course finaments: es: esses: rial visits: xcursions	Field or	r industrial visit	ch as	
	testin proje hand to ob are ap	g labs, cts. The exposur serve an oplied in ent co	concrete ese visits e to indus d understa practical entric	plants provide stry prac- and how settings activitie	es: Student-ce	first them cepts entric Corduled	
3	stude pron perso creat while	nts at the noting a condition of the noting a condition of the notion of	he center ctive part learning. problem-se	of the icipation. These olving,	ces designed to educational pro n, self-direction activities encount and collaborate ownership of	acess, and urage ration	
		Quizz condu of supple	icted:	teaching	mpetitions g tools and t TV.		
	10 K		ŧ				

- h) Various Pedagogical Approaches, Drshya siksha sangrah with proof:
 - Lecture based teaching-learning: Modern approaches often combine lectures with interactive methods, such as group discussions, problem-solving, and technology, to make the learning experience more engaging and effective.

Group-teaching and learning: Collaborative Learning:
 Students work together in small groups, sharing knowledge, perspectives, and ideas to achieve a common learning goal.

- Individual learning/self-study:self learning certificates.
- Inquiry based learning: active learning approach where learners explore questions, problems, or scenarios rather than being presented with facts. It encourages curiosity, critical thinking, and problemsolving skills by involving students in the learning process throughinvestigation and discovery.

• Expeditionary learning:

- i. Learning Expeditions:
- ii. Fieldwork and Case Studies
- iii. Authentic Projects
- iv. Experts and Community
 Involvement
- v. Reflection and Assessment

• Active learning:

is an educational approach where students learn from and with each other through collaboration, discussion, and shared problem-solving. It promotes active participation, enhances communication skills, and fosters a deeper understanding of the subject matter.

• Experimental learning:

Experiential Learning is a hands-on, active learning approach where students learn by doing and reflecting on their experiences. It emphasizes direct engagement with real-world tasks, allowing learners to apply theoretical knowledge in practical scenarios. This method fosters deeper understanding, problem-solving skills, and long-

Yes

yes

yes

Learning through problem-solving: Learning through problem-solving is an educational approach where students acquire knowledge and develop skills by tackling real-world problems. This method promotescritical thinking, creativity, and analytical skillsas	Yes
I leave and their leaveleder to find solutions. It	
learners apply their knowledge to find solutions. It encouragesactive participation, collaboration, and practical application of theoretical concepts.	
Laboratory Facilities: (a) Number of Laboratories: 10 i) Electrical Circuites Analysis Lab ii) Electrical Machines-I Lab iii) Electrical Simulation Tools Lab iv) Electrical Machines-II Lab	10
v) Measurements &Instrumenttion Lab vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab	
Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological	Good.
developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum:	Good. Yes.
 (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners:1/1 (i) Availability of undated Stock registers: Ves 	30 matlab/multisim 211 yes.
Report on Student Results:	yes.
a) Report on overall Results (B.Tech)	
Metric Result Overall Pass Percentage 96・ファソ. Distinctions First Classes	
	(a) Number of Laboratories: 10 i) Electrical Circuites Analysis Lab ii) Electrical Machines-I Lab iii) Electrical Machines-II Lab iii) Electrical Machines-II Lab v) Electrical Machines-II Lab v) Measurements &Instrumenttion Lab vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners:1/1 (i) Availability of updated Stock registers:Yes Report on Student Results: a) Report on overall Results (B.Tech)

	 (b) Report on Semester wise results (B.Tech) I Semester Pass %: — II Semester Pass %: 	65-2
	 III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 	65-2 73-464. 674. 96.774.
6	Outcome Based Education (OBE): 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report(ATR) for non-attainment of CO's, PO, & PSO's: 4. Course Description forms (Which includes Articulation matrix Direct & Indirect assessment tools 5. Key competencies:	yes yes Available Available yes.
	Faculty Development Programs: (a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	may malaparaser
7	 (b) Conferences attended by the faculty: (i) National: (ii) International: (c) Workshops attended by the faculty: (i) National: (ii) International: (d) Short Term Training Program (STTP) attended by the faculty: (i) National: (ii) International: 	3

18 300

	Research Publications:	
	(a). No. of publications in Journals: (i). National: (ii). International:	1
8	 (b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters: (c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted: (d). Report on Ongoing Research /Sponsored Research Project details: 	
	Title Name of PI Funding agency Amount Status	
	5/1/(0.00)	
M	Name of Client Title of consultancy Amount Faculty Organization Project Amount STLingst Chowdary Stratefic design 12605 SThingst Chowdary Stratefic design 12605 SThingst Chowdary Stratefic design 10700 SThingsthird Polymen Custom Wigung 10700	41
9	(i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines:	: 677 1217 6 6
	Placement Activities: (i) No. of companies Visited: (ii) No. of Placements offered:	8
10	 (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education: 	61 H7 5.5 LPA 3.5 LPA 2.8 LPA 2

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee:	49 49 49
12	(d) Any Other Academic Committee: Suggestions/Comments: 1. Students achievements Meed to be Increased	Yes
	to be Increased 2. More four on Training and Placement.	
	Signatures of the External Members	proceeds
		Christ.

Ž,



(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act, 1956

Minutes of the Meeting of BoS (U.G - B.Tech - EEE) held on 20.10.2022

The meeting of all the members of Board of studies of EEE of MLRITM College, Dundigal is conducted on 20.10.2022 at 3:00 PM. in online mode.

The following are the BoS members for the EEE Department.

S. No.	Name & Details of Members	Designation			
1	Dr. A. Vinod	Professor & Head Dept. of EEE, MLRITM, Dundigal	Chairman		
2	P Venkata Narayana	Assoc. Professor, Dept. of EEE, JNTUH.	JNTUH, Nominee		
3	Dr. A.Raguram	Professor Dept. of EEE, JNTUH	Subject Expert		
4	Dr.G.Mallesham	Professor Dept. of EEE, OU	Subject Expert		
5	Mr. B.Bhargav	Deputy Manager: Toshiba India	Expert form Industry		
6	Dr.P.Jyoshna	Professor Dept. of EEE, MLRITM, Dundigal	Member		
7	Mr. J. Yadagiri	Assoc. Professor Dept. of EEE, MLRITM, Dundigal	Member		
8	Mr.B.Shiva Shanakar	Assoc. Professor Dept. of EEE, MLRITM, Dundigal	Member		

BoS Chairman for the EEE department has welcomed honorable members to the BoS meeting. The BoS meeting has commenced with the permission of the chairman.

- ➢ BoS Members have finalized MLRS-R22 Course Structure, I & II Year subjects and its lab syllabus B.Tech EEE students who will be admitted in to college for the A.Y. 2022-23. Course structure is enclosed in Annexure-I, Service subjects enclosed in Annexure-II and EEE Syllabus (I and II) Years Enclosed in Annexure-III.
- ➤ BoS Members have approved the distribution and weightage of marks for theory and practical subjects. These subjects will be evaluated for a maximum of 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End Examinations).

The following members have attended the BOS meeting.

S. No.	Name & Details of Members	Designation	Category	
1	Dr. A. Vinod	Professor & Head Dept. of EEE, MLRITM, Dundigal	Chairman	
2	Prof. P Venkata Narayana	Assoc. Professor, Dept. of EEE, JNTUH.	JNTUH, Nominee	
3	Dr. A.Raguram	Professor Dept. of EEE, JNTUH	Subject Expert	
4	Dr.G.Mallesham	Professor Dept. of EEE, JNTUH	Subject Expert	
5	Mr. B.Bhargav	Deputy Manager: Toshiba India	Expert form Industry	
6	Dr.P.Jyoshna	Professor Dept. of EEE, MLRITM, Dundigal	Member	
7	Mr. J. Yadgiri	Assoc. Professor Dept. of EEE, MLRITM, Dundigal	Member	
8	Mr.B.Shiva Shanakar	Assoc. Professor Dept. of EEE, MLRITM, Dundigal	Member	

Date: 20/10/2022

Chairman, BoS



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y:2022-2023(Odd Sem)

Date: 24/06/2023

Name of the Department	: Electrical & Electronical : Dunoligal, trycluabadi
Address of the Institute	: Dunoligal, trycluabad,
Date and time of visit	: 24/06/2023, 10:30 AM
External Members of the Audit Committee	: Dr. P. Venkat Reddy
	: Dr. p Ashok Baby (PAR6
	:

NAME OF THE DEPARTMENT:

S.No	Particular		Remarks	
	Curricular Aspects (a) Course Offered	-		
	Name of the Course	Intake	*	
	B.Tech	30+3		
1	(b) Semester wise curr available	Available		
	(c) Coverage of Syllab	us:	Covered	
	(d) Report (with evid the revision of curricul	ences) on latest changes brought in lum and syllabus:	Yes	

Available as j a) Teacher: S	tudent R	atio:	on Reg	isti a			31.0	14
b) Faculty In	formation		-				14	.14
Faculty		Male		emal	e			
Professors			No.					
Associate pr Assistant pr		8	-	3				
c) Teaching I Attached:		ce of the	Faculty	in the	e instit	ute:		
Experience	>10 years	5-10yrs	2-5 years	<	2years			
No. of Faculty	6	2	4		2			
d) Details of i) Lab Assist ii) Assistant	tants:	3						
f) Stude activi studen prom perso creati while learning.	ability of ant assignment assignment classed dial conting according according according according according dialowing allowing ang. Quizzed conducts of suppler	course firments: s: ses: al visits: cursions sites, sur concrete e visits to indus understa practical ntric earning e e center tive part earning. coblem-se g student es/worksh eted: mentary t	Field or to real- rveying plants, provide stry prace and how settings. activitie xperience of the icipation These olving, as to take	world loca and stud stud stud stud stud stud stud stu	d sites, tions, infra ents venable retical Studer esigned ational f-directities e coll nership tions	structure with first ing the concept of to play procestion, a neoural aborati	em ots ric ce ss, nd ge on	res res molutes cuificol
applic	cation of	ICT, PP	I', Smart	TV.				

Various Pedagogical Approaches, Drshya siksha sangrah with proof: Lecture based teaching-learning:Modern les. approaches often combine lectures with interactive methods. such group discussions, problem-solving. and technology, to make the learning experience more engaging and effective. Group-teaching and learning:Collaborative Learning: Students work together in small groups, sharing knowledge, perspectives, and ideas to achieve a common learning goal. Individual learning/self-study:self learning certificates. Inquiry based learning: active learning approach where learners explore questions, problems, or scenarios rather than being presented with facts. It encourages curiosity, critical thinking, and problemsolving skills by involving students in the learning process throughinvestigation and discovery. **Expeditionary learning:** yes Learning Expeditions: ii. Fieldwork and Case Studies iii. **Authentic Projects Experts** and Community iv. Involvement Reflection and Assessment Active learning: 49 is an educational approach where students learn from and with each other through collaboration, discussion, and shared problem-solving. It promotes active participation, enhances communication skills, and fosters a deeper understanding of the subject matter. Yes **Experimental learning:** Experiential Learning is a hands-on, active learning approach where students learn by doing and reflecting on their experiences. It emphasizes direct engagement with real-world tasks, allowing learners to apply theoretical

knowledge in practical scenarios. This method fosters deeper understanding, problem-solving skills, and long-

Learning through problem-solving: Learning through problem-solving is an educational approach where students acquire knowledge and develop skills by tackling real-world problems. This method promotescritical thinking, creativity, and analytical skillsas learners apply their knowledge to find solutions. It encouragesactive participation, collaboration, and practical application of theoretical concepts. Laboratory Facilities: (a) Number of Laboratories: 10 i) Electrical Circuites Analysis Lab ii) Electrical Machines-I Lab iii) Electrical Machines-II Lab v) Measurements &Instrumenttion Lab vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs):		term retention.	
(a) Number of Laboratories: 10 i) Electrical Circuites Analysis Lab ii) Electrical Machines-I Lab iii) Electrical Machines-II Lab iii) Electrical Machines-II Lab iii) Electrical Machines-II Lab v) Measurements &Instrumenttion Lab vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners:1/1 (i) Availability of updated Stock registers:Yes Report on Student Results: a) Report on overall Results (B.Tech)		• Learning through problem-solving: Learning through problem-solving is an educational approach where students acquire knowledge and develop skills by tackling real-world problems. This method promotescritical thinking, creativity, and analytical skillsas learners apply their knowledge to find solutions. It encouragesactive participation, collaboration, and practical	
iii) Electrical Simulation Tools Lab iv) Electrical Machines-II Lab v) Measurements &Instrumenttion Lab vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners: 1/1 (i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage 967-/. Distinctions		(a) Number of Laboratories: 10i) Electrical Circuites Analysis Lab	10.
vi) Control Systems Vii) Power Systems Lab Viii) Power Electronics Lab Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners: 1/1 (i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B. Tech) Metric Result Overall Pass Percentage 9674. Distinctions		iii) Electrical Simulation Tools Lab iv) Electrical Machines-II Lab	
Ix) Project Lab (b) Working condition of equipment: (c) Up gradation as per new technological developments and requirements of the course curriculum: (d) Availability of licensed software as per the course Curriculum: (e) Computational facilities available (No. of labs): (f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners: 1/1 (i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage 9674. Distinctions		vi) Control Systems Vii) Power Systems Lab	
(f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners: 1/1 (i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage 967-1. Distinctions	4	Ix) Project Lab	All working
(f) Number of PCs: 60 (g) Software available: (h) No of Printers/Scanners: 1/1 (i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage 967-7. Distinctions		developments and requirements of the course	Yes.
(i) Availability of updated Stock registers: Yes Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage Distinctions		Curriculum:	4eg 4eg
Report on Student Results: a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage Distinctions		(g) Software available:	30 MATLAB, MULH'SIR
a) Report on overall Results (B.Tech) Metric Result Overall Pass Percentage Distinctions		(i) Availability of updated Stock registers:Yes	94.
5 Overall Pass Percentage 967/. Distinctions			
	5	Overall Pass Percentage 96.7%.	

	(b) Report on Semester wise results (B.Tech)	
	 I Semester Pass %: II Semester Pass %:	60.8
	 III Semester Pass %: IV Semester Pass %:	60.8 73.46 67.1
	 V Semester Pass %: VI Semester Pass %: VII Semester Pass %: 	67.1
	• VII Semester Pass %: • VIII Semester Pass %:	61.2
	Outcome Based Education (OBE):	
	1. Proof for CO attainments:	yes yes Available Available yes.
	2. PO/PSO attainments:	vec
	3. Action Taken Report(ATR) for non-attainment	N III
6	of CO's, PO, & PSO's:	Available
	4. Course Description forms (Which includes	available.
	Articulation matrix Direct & Indirect	Africa la Mc
	assessment tools	700000
	to the second control of the second control	yes.
	5. Key competencies:	
	Faculty Development Programs:	Control of the
	(a) FDPs amended by the faculty(Min 15 Days):	may the feeling of
	(i) National:	
	(ii) International:	
	(b) Conferences attended by the faculty:	
	(i) National:	
_	(ii) International:	
7		
	(c) Workshops attended by the faculty:	2
	(i) National:	
	(ii) International:	
	(d) Short Term Training Program (STTP) attended	
	by the faculty:	
	(i) National:	
	(ii) International:	

	1.7.0	

	Research Publications:	
	(a). No. of publications in Journals: (i). National: (ii). International:	}
8	(b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters: (c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted: (d). Report on Ongoing Research /Sponsored Research Project details:	
& Po of So	Title Name of PI Funding agency Amount Status nonstative pr. G. Naysinga DST- Pulatizati Paco, NCSTC pugh Dr. A. Virned ose modely	
•	(e). Report on Consultancy details: Name of Client Title of consultancy Amount Project Amount Strategicaly Strategicaly Solution Paths Paul Leuh Solution for Exhibits Power Distribution	
9	(i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines:	677 1217 6
10	Placement Activities: (i) No. of companies Visited: (ii) No. of Placements offered: (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education:	8 61 47 5 LPA 35 LPA 2.8 LPA 2

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	
12	Suggestions/Comments: 1. Focus On Higher Studies. 2. Very Few patents are there Poctacate, faculty and other faculty and be motivated to get Research grants and Funded projets.	
	Signatures of the External Members	Medit



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y: 2022-2023 (EVEN)

Date: 29/11/2023

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Mechanical Engineering Dundigal, Hyderabad
Date and time of visit	1:	29/11/2023, 10 AM
External Members of the Audit Committee	:	7 (0 7)
	:	Dr. D. Venkat Reddy (woxen
5> A. 5 - A.	:	Dr. P. Ashok babu (IARE)

NAME OF THE DEPARTMENT: Mechanical Engineering PART-II: ACADEMIC INFORMATION

S.No	Particular		Remarks
	Curricular Aspects (a) Course Offered		
	Name of the Course	Intake	
	B.Tech	30	
	M. Tech	12	
1	available	cular Plan: Available / Not	Aveilable
	(c) Coverage of Syllab	as:	Yes
	(d) Report (with evide in the revision of curric	nces) on latest changes brought	Yes

	Faculty Status:	Regular
	Total Faculty:	Regular 18 745 1:20
180	Available as per AICTE/JNTUH Registration:	Yus
	(a) Teacher: Student Ratio: (b) Faculty Information:	1120
	Formula	
	Due for	
	Associate professors	
	Assistant professors 7	
2		
2	(c) Teaching Experience of the Faculty in the institute:	
1.50	Attached:	1
	Experience >10 5-10yrs 2-5 <2years	
Let a pr	years years	
3	No. of	
	Faculty 4 6 6 3	
	(1) 7	
	(d) Details of Supporting Staff:	No.
	i) Lab Assistants:	Yes
4.5	ii) Assistant programmers:	
	Teaching – Learning: a) Availability of Course Files:	
	b) Student Assisment and Student Assisment	yes
1000	b) Student Assignments:	443
	c) Tutorial classes:	44
	d) Remedial Classes:	yey .
	e) Field/Industrial visits:	74
	f) Student Centric Activities:	
	• Quizzes / workshops / competitions conducted:	conduted
	g) Use of supplementary teaching tools and application	
	Of ICT: PPT, Smart TV.	4-43
3	h) Various Pedagogical approaches, Drshya Siksha	
3	Sangrah with proof:	
	i) Lecture based teaching-learning:	Val
	ii) Group-teaching and learning:	75
	iii) Individual learning/self-study:	79
	iv) Inquiry based learning:	Yuy
	v) Kinesthetic learning:	74
	vi) Game Based learning:	47
	vii) Expeditionary learning:	Yuy
	viii) Peer learning:	Yug
	ix) Experimental learning	Ymy
		yus
	x) Learning through problem-solving:	Ly
	Laboratory Facilities:	
4	(a) Number of Laboratories:	
	(h) Working and this was	12
	(b) Working condition of equipment:	working
		1

	(c) Up gradation as per new tec	chnological	
	developments and requirements		Yes
	curriculum:		
	The state of the s	twoman age man tha agurea	
	(d) Availability of licensed soft	tware as per the course	749
	Curriculum:	District and an array	The state of the s
	(e) Computational facilities ava	ailable (No. of labs):	4
	(f) Number of PCs:		36
	(g) Software available:		36 stes 0/01
	(h) No of Printers/Scanners:		0/101
	(i) Availability of updated Sto	ck registers	Ynel
			73
	Report on Student Results:		
	a) Report on overall Results (B.Tech)	
	Metric R	esult	
		84.731	
	Distinctions	7 1	
	First Classes		
	(b) Report on Semester wise		
	T. C. T.	edulferbe e i i	
	I Semester Pass		
	II Semester Pass		
	III Semester Pass		74.101
	IV Semester Pass		74.194,
	V Semester Pass		90.24
	VI Semester Pass		(8 3)
5	VII Semester Pass	86.32/	
	VIII Semester Pass	86.32/-	
		1.0	
	Number of Students discontinu	ied from the program:	
	100	OC D	
	(c) Report on overall Results	(PG Programs:	
	M. Tech/MBA):		
	Metric R	Result	
	Overall Pass Percentage	low.	
	Distinctions		
	First Classes		
			N 90 10
	(d) Report on Semester wise	results (PG Programs:	
11,945			I .
	M. Tech/MBA:		
	M. Tech/MBA:		1007.
	M. Tech/MBA: • I Semester Pass %		Loop.

	Number of Students discontinued the program:	*
	Outcome Based Education (OBE):	
	1. Proof for CO attainments:	
	2. PO/PSO attainments:	79
,	3. Action Taken Report(ATR) for non-attainment	745 745
6	of CO's, PO, & PSO's:	49
	4. Course Description forms (Which includes	Yes
	Articulation matrix Direct & Indirect	79
	assessment tools	
	5. Key competencies:	Mes
	Faculty Development Programs:	
	(a) FDPs amended by the faculty(Min 15 Days):	Section 1
	(i) National:	
	(ii) International:	
	(b) Conferences attended by the faculty:	
	(i) National:	
	(ii) International:	
	(c) Workshops attended by the faculty:	
	(i) National:	
	(ii) International:	
7	(d) Short Term Training Program (STTP) attended	
	by the faculty:	U
	(i) National:	
	(ii) International:	
	(e) Facility of Academic Leaves with pay for faculty	
	to higher studies or attend FDPs:	44
	(f) Reimbursement of Registration	
	Fee and TA/DA expenses along with Special	V
	Leave for participation in FDPs Conferences Workshops etc.:	19

Research Publications:	
(a). No. of publications in Journals: (i). National: (ii). International:	8
(b). No. of publications in Conferences: (i). National: (ii). International: (iii). Book Chapters:	\$ 7
(c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted: (d) Report on Ongoing Research /Sponsored	1
Research Project details:	dofined states
Title & CO-PI agency Amount Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status Status	
Name of Client Title of consultancy Amount Faculty Organization Project K. Weera Trifoler Country Daylogman & 312 000 Anghawly pay 1td fire Heling Oresten	
Library, other facilities: (a). Department Library: (i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Department Magazines: (b). Any other please specify:	: 89 151 6
(i) No. of companies Visited: (ii) No. of Placements offered: (iii) No. of Students placed: (iv) Higher salary offered: (v) Average salary offered: (vi) Median salary offered: (vii) Off campus placements: (viii) Higher education:	25 61 7 LPA 3:5 LPA 4 LPA 13 10
	(a). No. of publications in Journals: (i). National: (ii). International: (ii). National: (ii). National: (ii). National: (ii). International: (iii). Book Chapters: (c). Report on Patents/ copyrights/Industrial Designs (i) Published: (ii) Granted: (d). Report on Ongoing Research /Sponsored Research Project details: Title Name of PI Funding Amount Status (e). Report on Consultancy details: Title Name of Client Title of consultancy Project (e). Report on Consultancy details: Name of Client Title of consultancy Amount Project (i) Report on Consultancy Dadognat & 312 000 or part of the patents of the

!

zoialza

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	Yuy Yuy Yus
	Signatures of the External Members	Polle cally

comments:-

1: Motivate students for peroloping skills legading industries



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

INTERNAL QUALITY ASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A.Y: 2022-2023 (000)

Date: 24/6/2023

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Mechanical Engineering Dundigal, Hyderabad
Date and time of visit	:	94/6/2023, 10:30 Am
External Members of the Audit Committee	:	10.50 %
	:	Dr. P. Venkat Reddy (woxen
(51/		Dr. P. Ashok Babu
76 Y		(LARE)

NAME OF THE DEPARTMENT: Mechanical Engineering.

PART-II: ACADEMIC INFORMATION

S.No	1	Remarks	
	Curricular Aspects (a) Course Offered		
	Name of the Course	Intake	
	B.Tech	30	
	M. Tech	12	
1	(b) Semester wise curri available(c) Coverage of Syllaboration	cular Płan: Available / Not	Available
	The st	10	
	(d) Report (with evide in the revision of curric	nces) on latest changes brought	Yes

	Faculty Status: Total Faculty: Available as per AICT (a) Teacher: Student Ra (b) Faculty Information	tio:	Registration:	Regular 18 Ves 1:20
-1	Faculty	Male	Б	
	Professors		Female	_
	Associate professors	4	1	
	Assistant professors	7	2	
2	(c) Teaching Experience Attached:			
- T	Experience >10 years No. of Faculty	-10yrs 2-5 yea	25 cars	
PA A	(d) Details of Supporting i) Lab Assistants: ii) Assistant programmer			6
Mark and	Teaching - Learning:	3,		-
	a) Availability of Course	Files:		
	b) Student Assignments:			yes
() and	c) Tutorial classes:			Yes
	d) Remedial Classes:			7.4
	e) Field/Industrial visits:			y ey
	f) Student Centric Activit	ies:		Yug
	Quizzes / worksho Use of supplementary:	ps / compet	itions conducted:	Yug !
	g) Use of supplementary Of ICT: PPT, Smart TV	teaching too	is and application	1
	h) Various Pedagogical as	/. 		44
3	h) Various Pedagogical ap Sangrah with proof:	oproaches, L	Orshya Siksha	
	i) Lecture based teach			
	, and a couci	ung-learning	g:	Yie
	, and the state of	learning:		Yes
	, and it is a second of the se	self-study:		74
	, and a real in	ing:		1
	, carring	; :		17
	vi) Game Based learnin	ig:		Yuy
	vii) Expeditionary learn	ing:		Yay
	viii) Peer learning:			Vý
	ix) Experimental learning	ng		449
	x) Learning through pro	oblem-solvi	ng:	y y
	Laboratory Facilities:	_		
4	(a) Number of Later			
	(a) Number of Laboratories	S:		12
	(b) Working condition of eq	uipment:		working.

	8 to 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(c) Up gradation as per new to	echnological	4.1
developments and requirer	ments of the course	70
curriculum:		
(d) Availability of licensed so	oftware as per the course	401
Curriculum:		4 36 yus
(e) Computational facilities a	vailable (No. of labs):	4
(f) Number of PCs:		36
(g) Software available:		This
(h) No of Printers/Scanners:		111
(i) Availability of updated St	tock registers	Yes
Report on Student Results:		
a) Report on overall Results	(B.Tech)	
Metric	Result	
Overall Pass Percentage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the state of t
Distinctions		
First Classes	- 6	
(b) Report on Semester wis	e results (B.Tech)	
I Semester Pas	ss %:	latin and
II Semester Pas	ss %:	
III Semester Pas	s %:	77.41 %
IV Semester Pas	ss %:	
V Semester Pas		75.01 9. 83-764.
VI Semester Pas		50 7 W
VII Semester Pas		83-167.
VIII Semester Pas	s %:	
Number of Students discontin	nued from the program:	
(c) Report on overall Result M. Tech/MBA):	ts (PG Programs:	
Metric	Result	
Overall Pass Percentage	-42 (- 4 + 44 A - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Distinctions		
First Classes		
(d) Report on Semester wi M. Tech/MBA: • I Semester Pass %	se results (PG Programs:	100Y.
II Semester Pass%:	100	
• III Semester Pass %:		Look
• IV Semester Pass %:		

	Number of Students discontinued the program:	
6	Outcome Based Education (OBE): 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report(ATR) for non-attainment of CO's, PO, & PSO's: 4. Course Description forms (Which includes Articulation matrix Direct & Indirect assessment tools 5. Key competencies:	yes yus yes yus
	Faculty Development Programs: (a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International: (b) Conferences attended by the faculty: (i) National:	4
7	(ii) International: (c) Workshops attended by the faculty: (i) National: (ii) International: (d) Short Term Training Program (STTP) attended by the faculty: (i) National: (ii) International:	
	 (ii) International: (e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs: (f) Reimbursement of Registration 	yus
	Fee and TA/DA expenses along with Special Leave for participation in FDPs Conferences Workshops etc.:	74

			.*				
	Resear	rch Publicatio	ns:	· (*			
	(a) No	of publication	ns in Isuu	mala.			
	(a). NO	o. of publication (i). Natio		nais:		•	
						>	
		(ii). Interr	iationar:				
	(b). No	o. of publication	ns in Con	ferences:			
	1 24 /	(i). Nati	onal:			10	
		(ii). Inter	rnational:		,	1 7	
		(iii). Boo	k Chapters	:		+ 2	
		eport on Paten	ts/ copyrig	hts/Indust	rial		
8		(i) Publi	shed:			1	
0		(ii) Gran					
	(d), Re	eport on Ongo		ch /Snonse	ared		
		esearch Projec			or cu		
		,	1			Proceeds a f	
	Title	Name of PI	Funding	Amount	Status		
	1	& CO-PI Dr. J. P. Tary	agency		100		1 1
	2.	Dr. G.S.P	DST	2.48W	on going		
	(e). Re	port on Consu		ails:	Torografi		
	Name			consultancy	Amount		
	K. Veere			La			
	Kaghan	4		liting Dusts	312000.		
	0		and po	fail Pres	sentu		
	Librar	ry, other facilit	ies:	7-1		:	
	(a) Do	partment Libi	90 W.				
	(a). De	(i) Number of				ca	
9		(ii) Total volu	(5.10)	olea		89	
		(iii) Number o				151	
		(iv) Departmen					
	(b) An	y other please	_	es.		6	
	(b). All	ly other please	specify.			=	
901	Placen	nent Activities					

	(i) No. of companies Visited:			0			
	1 ' '	No. of Placemen				10	
		No. of Students	-			10	
10		Higher salary of					
		Average salary				GLPA	
		Median salary o				3LPA	
		Off campus place				2.5LPA	
	(viii) I	Higher education	n:				
		*	·			-4 5	
- I		Assert Committee to the		f	Ar July of the	regar Backmad a 8	55 - 12

11	Report on Minutes of meetings and also on action taken/initiated respectively: (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee:	44) 44) 49
	Signatures of the External Members	Wheely .

Comments:
1 Motivate Students for higher Solucation
2. To Increase number of publications.



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

INTERNAL QUALITYASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

A. Y 2022-2023

Date: 24/06/2023

Name of the Department	:	Electronics & Communication Engineering
Address of the Institute	:	MLRITM, Dundigal, Huderabad.
Date and time of visit	:	24/6/2023,10:30AM
External Members of the Audit Committee	:	Dr. P. Kenkat Reddy
	:	Dr. P. Ashot BabulJARE
	:	

NAME OF THE DEPARTMENT: Electronics & Communication Engineering

PART-II: ACADEMIC INFORMATION

S.No		Particular	Remarks
	Curricular Aspec	ts	
	(a) Course Offered		
1	Name of the Course	Intake	
	B.Tech	180	
	M. Tech	12	
	(b) Semester wise of available	curricular Plan: Available / Not	Available

	(c) Coverage of Syllabu	s:	No.	Yes
			st changes brought in the revisional lation to R22 Regulation	on of Yes
	Faculty Status:			
	Total Faculty: Available as per AICT	E/JNTUH	Registration:	
	(a) Teacher: Student Rat (b) Faculty Information:	13.57		
	Faculty	Male	Female	
	Professors	02		
	Associate professors	06		
2	Assistant professors	19	19	
	(c) Teaching Experience Attached:			
	years	-10yrs 2-3	5 <2years ars	
	No. of OS	15 i	7 09	
	(d) Details of Supporting			
	i) Lab Assistants:			07
	ii) Assistant programme	ers:		_
	Teaching - Learning:			
•	a) Availability of Course	Files:		yes
3	b) Student Assignments	:		yes
	c) Tutorial classes:		sis.	yes

	d) Remedial Classes:	yes
	e) Field/Industrial visits:	yes
	f) Student Centric Activities:	yes
	 Quizzes / workshops / competitions conducted: g) Use of supplementary teaching tools and application 	yes
	Of ICT: PPT, Smart TV:	
	h) Various Pedagogical approaches, Drshya Siksha	
	Sangrah with proof:	youtube links
	i) Lecture based teaching-learning:	yes
ļ.,	ii) Group-teaching and learning:	yes
	iii) Individual learning/self-study:	yes
	iv) Inquiry based learning:	yes
	v) Kinesthetic learning:	yes
	vi) Game Based learning:	yes
	vii) Expeditionary learning:	Yes
	viii) Peer learning:	yes
	ix) Experimental learning	yes
	x) Learning through problem-solving:	yes
	Laboratory Facilities:	
1.54	(a) Number of Laboratories:	06
neg	(b) Working condition of equipment:	06 Yes
4		
	(c) Up gradation as per new technological	
	developments and requirements of the course	1406
	curriculum:	yes
	(d) Availability of licensed software as per the course	
	Curriculum:	Yes

(e) Computational facilities availab	le (No. of labs):	04
(f) Number of PCs:		102
(g) Software available:		05
(h) No of Printers/Scanners:	44.	04
(i) Availability of updated Stock reg	gisters:	Yes
Report on Student Results:		
a) Report on overall Results (B.To	ech)	
Metric	Result	
Overall Pass Percentage	64.51.	
Distinctions	33.82%	
First Classes	33.821. 26.6.1.	
	20.017	
(L) Donner of the Court of the	. (D.T. 1)	
(b) Report on Semester wise resul	lts (B.Tech)	
• I Semester Pass %:	lts (B.Tech)	58.38
 I Semester Pass %: II Semester Pass %: III Semester Pass %:		_
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: 	lts (B.Tech)	_
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: 		79.49.
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: 		79. 49. 60.20
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: 		79.49.
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 		79. 49. 60.20
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: 		79. 49. 60.20
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 		79. 49. 60.20
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 		79. 49. 60.20
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 		58.38° 79.49° 60.20 60%
 I Semester Pass %: II Semester Pass %: III Semester Pass %: IV Semester Pass %: V Semester Pass %: VI Semester Pass %: VII Semester Pass %: VIII Semester Pass %: 		79.49.

Metric	Result	7
Overall Pass Percentage	100-).	
Distinctions	160./.	
First Classes		
(d) Report on Semester wise result. • I Semester Pass %	ılts (PG Programs: M.Te	ech/MBA:
• II Semester Pass%:		_
 III Semester Pass %: IV Semester Pass %:		100
• IV Semester Pass %:		
	ne program:	
Number of Students discontinued th		
Number of Students discontinued th):	
Number of Students discontinued the Outcome Based Education (OBE)):	Y .
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments:):	Y
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments:):	Y
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for the outcome of Students	non-attainment	Y. Y.
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for the Of CO's, PO, & CO's:	non-attainment	Y
Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for 1 of CO's, PO, & Course Description forms (Which is the co	non-attainment	Y

	Faculty Development Programs:	
	(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	09
	(b)Conferences attended by the faculty:	
	(i) National:	
	(ii) International:	
	(c)Workshops attended by the faculty:	4, 4,
	(i) National:	
7	(ii) International:	1/
	(d) Short Term Training Program (STTP) attended	
	by the faculty:	
	(i) National:	
	(ii) International:	-
	(e) Facility of Academic Leaves with pay for faculty	
	to higher studies or attend FDPs:	
	(f) Reimbursement of Registration	
	Fee and TA/DA expenses along with Special	
	Leavefor participation in FDPs Conferences	
	Workshops etc.:	
	1 - 1	

Research Publ	ications:	9	44.		
(a). No. of publ	lications in Journa	ıls:			
(i).	National:				
(ii).	International:				
(b). No. of publ	ications in Confer	ences:			
(i).	National:				
(ii).	International:				
(iii).	Book Chapters:		14.		
	×				
(c).Report on P	atents/ copyrights	/Industrial			
Designs					
(i)	Published:				
(ii)	Granted:			41	
(d). Report on (Ongoing Research	/Sponsore	d		
Research Proje	ct details:		ι _ψ ,		
			5		
Title	Name of PI & CO-PI	Funding agency	Amount	Status	
Development a a wireless Senson network with Cegli radio-functionalit	ritine de (xinivac	SERB	15,78,500	orgoing	
Agos Ennivation hub for developm of schedule Trib (ST) (community in Nowsampet	e DV- G. Amarrath	Rox. A. Endia	2,92,69,113	orgoins	

	Name of Faculty Client Organization Title of consultancy Project Amount					
	pv. G. Amornath Vermasa Derelopment of IoT based date logger Lar Comprehensive temporalize monitoring					
Y i	Library, other fa	acilities:			:	
	(a). Department	Library:	x.			
	(i) Numbe	er of Titles:			_	
9	(ii) Total volumes of Books:(iii) Number of Journals:					
	(iv) Depar	tment Magazines:	s.,		01	
	(b). Any other pl	ease specify:	,			
	Placement Activ	ities:				
	(i) No. of compar	nies Visited:			12_	
	(ii) No. of Placen	nents offered:			52 52	
10	(iii) No. of Students placed:					
	(iv) Higher salary offered:					
	(v) Average sal	ary offered:			3,60,000	
	(vi) Median sala	ary offered:			3140,000	
	(vii) Off campus	placements:			-	

	Report on Minutes of meetings and also on action taken/initiated respectively:	
11	 (a) Board of studies: (b) Department Advisory Board: (c) Programme Assessment and Quality improvement Committee: (d) Any Other Academic Committee: 	
12	Motivating Students to utilize digital Comments/Suggestions Platforms like NPTEL, SNAYAM and virtual labs	P
13	Signatures of the External Members	Xxxx.

Much



(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

INTERNAL QUALITYASSURANCE CENTRE

ACADEMIC AND ADMINISTRATIVE AUDIT

Part-I: PRELIMINARY INFORMATION

Date: 29/11/2023

Name of the Department	:	Electionics & Communication Engineering
Address of the Institute	:	MLRITM, Dundigal, Hyderabad
Date and time of visit	:	29/11/2023, 10AM
External Members of the Audit Committee	:	Dr. P. Venkat Reddy
	:	Dr. P. Ashok Babu CIARE
	:	
	la H	

NAME OF THE DEPARTMENT: Electronics & Communication Engineering

PART-II: ACADEMIC INFORMATION

S.No		Particular	Remarks
	Curricular Aspect (a) Course Offered		
1	Name of the Course	Intake	
	B.Tech	180	
	M. Tech	12	
	(b) Semester wise of available	curricular Plan: Available / Not	Available

	A) D. II LOI	
	d) Remedial Classes:	Yes
	e) Field/Industrial visits:	Yes
	f) Student Centric Activities:	yes
	 Quizzes / workshops / competitions conducted: g) Use of supplementary teaching tools and application 	/3
	Of ICT: PPT, Smart TV:	Yes
	h) Various Pedagogical approaches, Drshya Siksha	
	Sangrah with proof:	youtabe
	i) Lecture based teaching-learning:	links
	ii) Group-teaching and learning:	yes
	iii) Individual learning/self-study:	yes
	son study.	yes
	i i i i i i i i i i i i i i i i i i i	Yes
	v) Kinesthetic learning:	Yes
	vi) Game Based learning:	Yes
	vii) Expeditionary learning:	Yes
	viii) Peer learning:	yes
2	ix) Experimental learning	yes
	x) Learning through problem-solving:	yes
	Laboratory Facilities:	
	(a) Number of Laboratories:	04
	(b) Working condition of equipment:	yes
F E		
4	(c) Up gradation as per new technological	
	developments and requirements of the course	
	curriculum:	yel
		40
	(d) Availability of licensed software as per the course	
	Curriculum:	40

	(c) Coverage of Syllab	us:		yes
	(d) Report (with evider curriculum and syllabus	nces) on late s: R20 Regu	st changes brought in the revi lation to R22 Regulation	ision of
	Faculty Status:			
	Total Faculty:			
	Available as per AICTE/JNTUH Registration:			1 -11 -2
	(a) Teacher: Student Ra	tio:		13.57
	(b) Faculty Information	:		13.57
	Faculty	Male	Female	
	Professors	02		
	Associate professors	06		
,	Assistant professors		1	
2	Assistant professors	19	19	
2	(c) Teaching Experience Attached: Experience >10 years	of the Facult	Ity in the institute:	67
2	(c) Teaching Experience Attached: Experience >10 5- years No. of Faculty (d) Details of Supporting	of the Facultina of the Facultina 10yrs 2-5 year 15 (A	Ity in the institute:	67
2	(c) Teaching Experience Attached: Experience >10 5- years No. of Faculty (d) Details of Supporting i) Lab Assistants:	of the Facultina of the Facultina 10yrs 2-5 year 15 (A	Ity in the institute:	07
	(c) Teaching Experience Attached: Experience >10 5- years No. of Faculty (d) Details of Supporting i) Lab Assistants: ii) Assistant programmer	of the Facultina of the Facultina 10yrs 2-5 year 13 14 Staff:	Ity in the institute:	
3	(c) Teaching Experience Attached: Experience >10 5- years No. of Faculty (d) Details of Supporting i) Lab Assistants: ii) Assistant programmer Teaching – Learning:	of the Facultina of the Facultina 10yrs 2-5 year 13 14 Staff:	Ity in the institute:	44 44 44 44

(e) Computational facilities av	railable (No. of labs):	οφ
(f) Number of PCs:		102
(g) Software available:		05
(h) No of Printers/Scanners:	W.	04
(i) Availability of updated Sto	ck registers :	yes
Report on Student Results:		
a) Report on overall Results	(B.Tech)	
Metric	Result	
Overall Pass Percent	age 65.79.1.	
Distinctions	age 65.79.1. 52.51-1. 29.79-1.	1 1
First Classes	29:79.1	
(b) Report on Semester wise	results (B.Tech)	
I Semester Pass		
The West Control of the Control of t		_
II Semester Pass		62.23
II Semester PassIII Semester PassIV Semester Pass	%: %:	62.23 - 79.49-
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass 	%: %: %:	
II Semester PassIII Semester PassIV Semester Pass	%: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass 	%: %: %: %: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	62.23 79.49; 62.44. 58.94
 II Semester Pass III Semester Pass IV Semester Pass V Semester Pass VI Semester Pass VII Semester Pass VIII Semester Pass VIII Semester Pass 	%: %: %: %: %: %: %:	

M. Tech/MBA):		
Metric	Result	
Overall Pass Percentage	100.1.	
Distinctions		
First Classes	n41	
(d) Report on Semester wise resu	lts (PG Programs: M.Tech	/MBA:
I Semester Pass %		
• II Semester Pass%:		100%.
 III Semester Pass %: IV Semester Pass %:		1001/
Number of Students discontinued th	e program:	
	e program:	
Number of Students discontinued the Outcome Based Education (OBE)	:	
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments:	:	yes
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments:	•	
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for n	•	yes
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments:	•	yes yes
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for n	: on-attainment	yes yes
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for no of CO's, PO, & Do's:	on-attainment includes	yes yes
Number of Students discontinued the Outcome Based Education (OBE) 1. Proof for CO attainments: 2. PO/PSO attainments: 3. Action Taken Report (ATR) for no of CO's, PO, & Description forms (Which the Course Desc	on-attainment includes	yes yes

14.

" d	
Faculty Development Programs:	
(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International:	27
(b)Conferences attended by the faculty:	
(i) National:	
(ii) International:	
(c)Workshops attended by the faculty:	
(i) National:	
(ii) International:	
(d) Short Term Training Program (STTP) attended	03
by the faculty:	
(i) National:	
(ii) International:	
(e) Facility of Academic Leaves with pay for faculty	
to higher studies or attend FDPs:	
(f) Reimbursement of Registration	
Fee and TA/DA expenses along with Special	
Leavefor participation in FDPs Conferences	194
Workshops etc.:	
	(a) FDPs amended by the faculty(Min 15 Days): (i) National: (ii) International: (b)Conferences attended by the faculty: (i) National: (ii) International: (c)Workshops attended by the faculty: (i) National: (ii) International: (d) Short Term Training Program (STTP) attended by the faculty: (i) National: (ii) International: (e) Facility of Academic Leaves with pay for faculty to higher studies or attend FDPs: (f) Reimbursement of Registration Fee and TA/DA expenses along with Special Leavefor participation in FDPs Conferences

Research Public	ations:		141		
		900 900	±2 0		
(a). No. of public	cations in Journa	ls:	9 9 W		
(i). N	Vational:				
(ii). In	nternational:				
(b). No. of public	cations in Confer	ences:			
(i). 1	National:				
(ii). I	nternational:				
(iii).	Book Chapters:		:4.		
	20		2		
(c).Report on Pa	tents/ copyrights	/Industrial			
Designs	1, 8				
	ublished:				
	Granted:				
()	stantea.				
(J) Paraset as Os as in Paraset (G					
(d). Report on Ongoing Research /Sponsored Research Project details:					
Research Troject	detans:		-4.		
	Name of PI &	F din .			
Title	CO-PI	Funding agency	Amount	Status	
Development 169 Wireless Sensor Network with Cosnitive radio	Dr. N. Srinivas	SERB	15,78,500	ongoing	
functionalities Agri Innovation hub for schedules Tribes (ST)	or. G. Amarnatt	Gov. A	2,98,69,113	ongoing	

	Name of Faculty Client Organization Title of consultancy Project Amount				
	Dr. h. Amorrath	Vermosa India put. Utd	Development or Ito based data logger fex Comprehensive temporature monitor	(30,000	
		* .		1	
	Library, other f	acilities:			:
	(a). Department	Library: er of Titles:			_
9		volumes of Books	s:		132
,	(iii) Num	ber of Journals:			-
	(iv) Depa	rtment Magazines:	196		0)
	(b). Any other p	lease specify:			
	Placement Activ	ities:			
	(i) No. of compa	nies Visited:			16
	(ii) No. of Placer	ments offered:			501
10	(iii) No. of Stud	lents placed:			601
10	(iv) Higher salary offered:				6,50,000
	(v) Average sal	lary offered:			3,00,000
	(vi) Median sala	ary offered:			3,60,000
	(vii) Off campus	s placements:			_
	(viii) Higher edu	cation:			OY

	Report on Minutes of meetings and also on action taken/initiated respectively:	
11	(a) Board of studies:	
	(b) Department Advisory Board:(c) Programme Assessment and Quality improvement Committee:(d) Any Other Academic Committee:	
12	Comments/Suggestions Tools effectively, while others were encouraged to incorporate audio visual aids, online resources	
	incorporate audio visual aids, online resources	
	Signatures of the External Members	
13		North.
		X
		Meed