Internal Quality Assurance Centre (IQAC) External Audit 2021-2022



INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part – I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department	:	CSE (CYBER SECURITY)
Address of the Institute	:	DUNDIGAL, HYDERABAD
Date and time of visit	:	09-12-2022
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	•	821-W. 1979
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	0 0	verneddy

NAME OF THE DEPARTMENT: CSE (CYBER SECURITY)

S. No	Particular		Remarks / Suggestions	
1	Curricular Aspects (a) Courses Offered		The department is offering UC program, and is running as per plan. The department has all	
	Name of the Course	Intake	potentials to start PG program.	
	B.Tech (b) Semester wise curricul	ar Plan: Available	Department has well defined curriculum plan. Details are attached.	

	(c) Coverage of Syllabus: 100%	
	(c) Coverage of Syllabus: 100%	It is observed that all the faculties cover entire syllabus recommended by the BOS. Details for academic course file, attendance registers, roll list, academic calendar and time
2	Faculty Status: 5	tables are attached.
	Total Faculty:5 (a) Teacher: Student Ratio: 60:5=12 (b) How many of the faculty members possess degrees of	The department has reasonably good faculty student ratio. The department has efficient and experienced faculty. Faculty list is attached.
3	Teaching – Learning a) Availability of Course Files: Available b) Student Assignments: Not Available c) Good Question Bank is Available: Available d) Remedial Coaching: Conducting e) Student Centric Activities:	Every faculty maintains course full stack. Sample course file contents are attached. It is observed that all the faculties conduct the tutorial classes as per the BOS guidelines. Remedial classes are conducted based on the performance of the students. Conducting Workshops/competitions and related information is attached. All the class rooms are ICT enable to facilitate teaching-learning process more
4	Laboratory Facilities: (a) Number of Laboratories: 3 (b) Installation of Softwares: Yes (c) Up gradation as per new technological developments and requirements of the course curriculum. Using as per course curriculum (d) Availability of licensed software as per the course curriculum: Yes (e) Number of Computer Labs: 3 (f) Number of PCs: 72 (g) Softwares available: List Attached	effectively. Yes. All laboratory equipments available as per the JNTUH norms and the syllabus. Each Laboratory has qualified lab instructor/technician to take care of the maintenance of the equipment. i. All the licensed softwares available in the department

5 Faculty Development Programs: Yes. Re	
Yes. Re	resistantian for TA In
and OD	egistration fee, TA and DA will be sanctioned for the
(a) FDPs attended by the faculty:	attending FDPs.
(i) National: 4 (ii)International: Nil Attende	
	ed Conferences/Workshops
(b) Conferences attended by the faculty: etc. deta	ails are attached.
(i) National: Nil	ATT
(ii) International: 2	
(c) Workshops attended by the faculty:	
(i)National: 3	
(ii) International: Nil	
(d) Short term Courses attended by the faculty:	
(i) National: Nil	
(ii) International: Nil	
(e) Facility of Study Leave with pay for faculty to pursue	
higher studies or attend FDPs: 0	
(O. Deinhause and O. De	
(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual	
Leave for participation in FDPs/Conferences/ Workshops	_
etc.	
Nil	
(g) Provision of Computing facility to individual faculty (Desktop/Laptop)	
1 desktop and 1 Laptop allotted to the department	
6 Research Publications: Research	Publications details
(a) No. of publications in Journals	ned.
(i) National : Nil	
(ii) International : 2	
(b) No. of publications in Conferences (i) National : Nil	
(i) National : Nil (ii) International : 1	
(iii)Book Chapters: 1	
7 7 7 7	rnal publications may
be subscri	ribed related to Cyber
(a) Department Library: Security (i) Number of Titles: 114	
(ii) Total volumes of Books: 560	thment specific now y many
(iii) Number of Journals: 3 hard copies	nolly mary
(iv) Digital Library: Yes available	ws.
(b) Internet Connectivity: Yes	

(c) Placement Activities: (i) No. of companies Visited: NA (ii) No. of Placements offered: NA (iii) Average salary offered: NA (iv) Off campus placements: - NA (v) On campus placements: - NA (vi) Existence of Training & Placement Office in the institute: Yes Existing	
Signature of the External Members:	Brilliery voureddy

PRINCIPAL PRINCIPAL

INSTITUTE OF AERONAUTICAL ENGINEERING Dundigal, Hyderabad - 500 043 Telangana State



(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part – I: PRELIMINARY INFORMATION

10 December, 2022

Name of the Department	:	Computer Science and Engineering (Data Science)
Address of the Institute	:	Dundigal, Hyderabad
Date and time of visit		10.12.2022, 10:00AM
Members of the Audit Committee		02
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	0 0	Sz. W. 67
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	:	verreddy

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

S. No	Particular		Remarks / Suggestions
1	Curricular Aspects (a) Courses Offered		The department is offering UG program, and it is running in we planned manner. Department has well defined
	Name of the Course	Intake	
	B.Tech	180	curriculum plan. Details are
	M.Tech	Nil	attached.

	(b) Semester wise curricul (c) Coverage of Syllabus:		It is observed that all faculty cover entire syllabus recommended by this BOS. Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached.
2.	(i) Ph.D: 3 (ii) M.Tech: 3	lty members possess degrees of	The department has reasonably good faculty student ratio. The department has efficient end enthusiastic faculty. Faculty list is attached.
	(c) Teaching Experience o	of the Faculty in the institute:	
	Tenure	No.of Faculty	
	More than 3 Years Between 2 to 3 Years	01	
	Between 1 to 2 Years	0	
	Below 1 year	05	
4	f) Use of supplementary to ICT Laboratory Facilities:	Yes Yes ies: Yes / competitions conducted: eaching tools and application of	stack. Sample course file contents are attached. It is observed that all faculties conduct the tutorial classes as per the BOS guidelines. Depending on requirement remedial classes will be conducted. Workshops/competitions are conducted and related information is attached. All class rooms are ICT enable to facilitate teaching-learning process more effective. Yes. All laboratory equipment available as per JNTUH norms
	 (a) Number of Laboratories (b) Working condition of eq (c) Up gradation as per new and requirements of the (d) Availability of licensed scurriculum. Yes 	a) Number of Laboratories: 04 b) Working condition of equipment: Yes. c) Up gradation as per new technological developments and requirements of the course curriculum. d) Availability of licensed software as per the course curriculum. Yes l) Number of Computer Labs: 04 l) Number of PCs: 96 l) Softwares available: Yes	

	5	Faculty Development Programs:	Yes.
		(a) FDPs attended by the faculty: 06(i) National: 06(ii) International: Nil	Yes. Registration fee, TA and DA and OD will be given for faculty attending.
-		 (b) Conferences attended by the faculty: 04 (i) National: № 0 \ (ii) International: 03 	FDPs/Conferences/Workshops etc. Details are attached. Yes.
		(c) Workshops attended by the faculty:05(i) National: 05(ii) International: Nil	
		(d) Short term Courses attended by the faculty:01(i) National: 01(ii) International: Nill	
		(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs: Yes	
	17	(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc: Yes	
		(g) Provision of Computing facility to individual faculty (Desktop/Laptop): Nill	
	6	Research Publications:	Details are attached.
		(a) No. of publications in Journals: 02(i) National : Nil(ii) International: 02	
((b) No. of publications in Conferences: 04(i) National: Nil(ii) International: 04(iii) Book Chapters: Nil	
	7	Library, Internet & other facilities:	Central Library: 121
	(4	 (a) Department Library: (i) Number of Titles: 40 (ii) Total volumes of Books: 200 (iii) Number of Journals: 05 (iv) Digital Library: Yes available 	ASME online: Year IEEE journals: Year Delnet e books: Year Library
	((b) Internet Connectivity: Yes	Magazines: Yes Specific Sournel
	((c) Placement Activities: (i) No. of companies Visited: NA	Magazines: Yes Specific Sournel may also who was Se.

 (ii) No. of Placements offered: NA (iii) Average salary offered: NA (iv)Off campus placements: -NA (v) On campus placements: -NA (vi) Existence of Training & Placement Office in the Institute: YES 	
Signature of the External Members:	821-ille. 1029
orginature of the External Members:	verneddy

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INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
Telangana State



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Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department:	Electronics and Communication Engineering
Address of the Institute:	Institute of Aeronautical Engineering, Dundigal, Hyderabad
Date and time of visit:	09 December, 2022
Members of the Audit Committee:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	: 82:-Uniby
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	: vemeddy

NAME OF THE DEPARTMENT: Electronics and Communication Engineering PART – II: ACADEMIC INFORMATION

S. No	8 y#	Particular	p 190 c	Remarks / Suggestions
1	Curricular Aspects (a) Courses Offered	8 °		The department is offering UG program, and it is running in well planned manner. Department has well defined
	Name of the Course	Intake		curriculum plan. Details are
	B.Tech	240	1.5	attached.
	M.Tech	18		

	(c) Coverage of Syllabus: Details are attached	It is observed that all faculty covered entire syllabus recommended by this BOS. Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached.
2	Faculty Status:	The department has reasonably
	Total Faculty:54	good faculty student ratio. The
	(a) Teacher: Student Ratio:15.62	department has efficient end
	(b) How many of the faculty members possess degrees of	enthusiastic faculty. Faculty list is attached.
	(i) Ph.D:13	is attached.
	(ii) M.Tech:40	
	(c) Teaching Experience of the Faculty in the institute:5 Years	
3	Teaching – Learning	Each' faculty maintains course
	a) Availability of Course Files	full stack. Sample course file
	b) Student Assignments	contents are attached. It is
	c) Tutorial classes	observed that all faculties
	d) Remedial Coaching	conduct the tutorial classes as
	e) Student Centric Activities:	per the BOS guidelines.
i i	 Quizzes / workshops / competitions conducted: f) Use of supplementary teaching tools and application of ICT 	Depending on requirement remedial classes will be conducted.
		Workshops/competitions are
	v.	conducted and related
		information is attached.
		All class rooms are ICT enable
		to facilitate teaching-learning
4	T.1. (T. 20)	process more effective.
4	Laboratory Facilities: (a) Number of Laboratories:12	Yes. All laboratory equipment
	(b) Working condition of equipments; Good	available as per JNTUH norms and the syllabus and are in
74.	(c) Up gradation as per new technological developments and	proper working condition.
	requirements of the course curriculum.	proper working condition.
	(d) Availability of licensed software as per the course	Each Laboratory has qualified
	curriculum. Yes	lab instructor/technician to take
	(e) Number of Computer Labs:7	care of the maintenance of the
	(f) Number of PCs:225	equipment.
	(g) Softwares available :5	
	(h) No of Printers available:4	All the licensed softwares
		available in the department are attached.

* cheek total Staff

5	Faculty Development Programs:	Registration fee, TA, DA and OD
	(a) FDPs attended by the faculty:	will be given for faculty
	(i) National: 100	attending FDPs /Conferences
	(ii) International: Nil	/Workshops.
	(12) Modification (14)	Summary sheets containing
	(b) Conferences attended by the faculty:	information about FDPs/
	(i) National:	Conferences/Workshops etc.
	(ii) International: 32	attended by the faculty is
	(11) international, 32	attached.
	(c) Workshops attended by the faculty:	
-	(i) National:	
	(ii) International: Nil	
	(ii) international. Ivii	
	(d) Short term Courses attended by the Santa	
	(d) Short term Courses attended by the faculty:	
	(i) National: International: Nil	
	(a) F-311/4 COV 1 X	*
	(e) Facility of Study Leave with pay for faculty to pursue	Yes
	higher studies or attend FDPs	
la	(0 D 1 1	
	(f) Reimbursement of Registration	*
	Fee and TA / DA expenses along with Special Casual	Yes
	Leave for participation in FDPs/Conferences/Workshops,	
	etc.	
	(g) Provision of Computing facility to individual faculty	Yes
	(Desktop/Laptop)	105
6	Research Publications:	
	The second secon	· -
	(a) No. of publications in Journals	To be improved more.
	(i) National :	To be improved more.
	(ii) International: 17	,
	(1) mornational. 17	
	(b) No. of publications in Conferences	
	(i) National:	N. 10 C
		National Conferences may be
	(ii) International: 18	improved.
	Book Chapters: 9	Incentives are provided to the
	2 0	faculty for national / international/
		book chapters /text books
7	T 21 T 4 4 0 4 1 22 22 4	publications.
7	Library Internet & other facilities:	
	(a) Danautusaut I il.	
	(a) Department Library:	Branch specific journals may be
	(i) Number of Titles: 40	increased/
.**.	(ii) Total volumes of Books: 350	The Sournals and books are areal ble will control library.
	(iii) Number of Journals: 5	books ar arrailable
**	(iv) Digital Library: Yes available	made Company
		contra a product
	(b) Internet Connectivity: Yes	Yes
	(c) Placement Activities:	<u>s</u>
	(i) No. of companies Visited:31	Good.
	(ii) No. of Placements offered:187	#
	(iii) Average salary offered: 3.5 Lakh	
. 1	(iv) Off campus placements:	
	(v) On campus placements: 187	
	Existence of Training & Placement Office in the	
	Institute: Yes	
	Middle Co. 100 m.	

Signature of the External Members:

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(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department	:	CSE (AI & ML)
Address of the Institute	:	Institute of Aeronautical Engineering, Dundigal, Hyderabad – 500 043, Telangana State
Date and time of visit		10.12.2022, 10 AM
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	e e	82:- Un. 19m
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	0 0	verneddy
9 2		

NAME OF THE DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING (AI & ML)

S. No	Par	ticular	Remarks / Suggestions
1	Curricular Aspects (a) Courses Offered		The department is offering UC program, and it is running in well planned manner. At
	Name of the Course	Intake	present the students are in III
	B.Tech	180	B.Tech.
	M.Tech	Nil	

_		
5	(b) Semester wise curricular Plan: Available / Not available	
	(c) Coverage of Syllabus: Details are attached	curriculum plan. Details are attached.
	2	It is observed that all faculty
		cover entire syllabus
	×	recommended by this BOS.
	7	Details like academic course
		file, attendance registers, roll
		list, academic calendar and tim
2.	Encoder Co.	tables are attached.
. 2.	Faculty Status: Total Faculty:	The department has reasonably
	(a) Teacher: Student Ratio: 1:24	good faculty student ratio. The
	(a) Teacher, Student Ratio, 1:24	department has efficient end
	(b) How many of the faculty members possess degrees of	enthusiastic faculty. Faculty lis
	(i) Ph.D: 02	is attached.
	(ii) M.Tech: 08	
	() 11.10011.00	*
	(c) Teaching Experience of the Faculty in the institute:	
	Tenure No. of Faculty	
	More than 4 Years	
6:	Between 3 to 4 Years	
	Between 2 to 3 Years	
	Between 1 to 2 Years 8	
3	Teaching - Learning	Each faculty maintains course
	a) Availability of Course Files	full stack. Sample course file
	b) Student Assignments	contents are attached. It is
	c) Tutorial classes	observed that all faculties
	d) Remedial Coaching	conduct the tutorial classes as
	e) Student Centric Activities:	per the BOS guidelines.
	Quizzes / workshops / competitions conducted:	
16	(1) Use of supplementary teaching tools and application of	Depending on requirement
	ICT	remedial classes will be
		conducted.
		Workshops/competitions are
		conducted and related
		information is attached.
		A11 1
		All class rooms are ICT enable
		to facilitate teaching-learning
4	Laboratory Facilities:	process more effective.
	(a) Number of Laboratories: 02	Yes. All laboratory equipment
	(b) Working condition of equipment's.	available as per JNTUH norms
	(c) Up gradation as per new technological developments	and the syllabus and are in
	and requirements of the course curriculum.	proper working condition.
	(d) Availability of licensed software as per the course	Fach I aboratory has and item
100	curriculum. Yes	Each Laboratory has qualified lab instructor/technician to take
	(e) Number of Computer Labs: 02	an monucion/lecimician to take

	(f) Number of PCs: 96	ages of the maintain Cit
	(g) Softwares available: Yes	care of the maintenance of the equipment.
	(h) No of Printers available: 01	equipment.
		i. All the licensed softwares available in the department are attached.
5	Faculty Development Programs:	Yes.
	(a) FDPs attended by the faculty:(i) National: 23(ii) International: 0	Yes. Registration fee, TA and DA and OD will be given for faculty attending.
9	(b) Conferences attended by the faculty:(i) National: 07(ii) International:	FDPs/Conferences/Workshops etc. Details are attached. Yes.
8	(c) Workshops attended by the faculty:(i) National: 07(ii) International: 01	
a la	(d) Short term Courses attended by the faculty:(i) National: 11(ii) International: Nil	
18	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs	
	 (f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc. (g) Provision of Computing facility to individual faculty (Desktop/Laptop) 	
6	Research Publications:	Details are attached.
	(a) No. of publications in Journals (i) National: (ii) International: 05	
*	(b) No. of publications in Conferences (i) National: (ii) International: 07 (iii)Book Chapters: 01	A ===
7	Library, Internet & other facilities:	Control I ibuor office
	 (a) Department Library: (i) Number of Titles: 20 (ii) Total volumes of Books: 50 (iii) Number of Journals: 45 (iv) Digital Library: Yes available 	Central Library: 729 Digital library: 729 e-journals: 729 ASME online: 729 IEEE journals: 729 Delnet e books: 729 NPTEL videos: 729 Ubrany

Department Specific Sournes of may more a Si.

	(b) Internet Connectivity: Yes	Magazines:
	(c) Placement Activities: Not Applicable as the students are in III Year (i) No. of companies Visited: (ii) No. of Placements offered: (iii) Average salary offered: (iv) Off campus placements: - (v) On campus placements: - (vi) Existence of Training & Placement Office in the	
	Institute:	Ro 10. 10 4
Signat	ure of the External Members:	322000
		vemeddy

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INSTITUTE OF AERONAUTICAL ENGINEERING

Dundigal, Hyderabad - 500 043

Telangana State



(Autonomous)
Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department		ELECTRICAL AND ELECTRONICS ENGNEERING
Address of the Institute	:	Dundigal, Hyderabad - 500 043
Date and time of visit	:	09 December,2022, 10:30 AM
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.		Shilling
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	0 0	varreddy

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

S. No		Particular	Remarks / Suggestions
I	Curricular Aspects (a) Courses Offered		The department is offering UG program, and it is running in well planned manner. The
	Name of the Course	Intake	department has all potential to
	B.Tcch	60	start PG program.
	M.Tech	18	Department has well defined
	(b) Semester wise curricul	ar Plan: Available / Not available	curriculum plan. Details are

It is observed that all	10 1
(c) Coverage of Syllabus: Details are attached cover entire syllabus recommended by the	s is BOS.
Details like academi	
file, attendance regis	
list, academic calend	lar and time
2. Faculty Status: tables are attached. The department has	managa malala.
Total Faculty: good faculty student	
(a) Teacher: Student Ratio: 14.04 department has effic	
enthusiastic faculty	Faculty list
(b) How many of the faculty members possess degrees of is attached.	
(i) Ph.D: 10 (ii) M.Tech:15	
(II) IVI. Tech. 15	
(c) Teaching Experience of the Faculty in the institute:	·
Attached	
>10 5-10 yrs 2-5 <2 years	
>10 5-10 yrs 2-5 <2 years years	
2021-22 2 10 7 6	
3 Teaching – Learning a) Availability of Course Files: Yes Each faculty maintain full stack. Sample course	
1) Collaboration of the state o	
c) Tutorial classes: Yes contents are attached. observed that all facu	
d) Remedial Coaching: Yes conduct the tutorial cl	
e) Student Centric Activities: per the BOS guideline	
Quizzes / workshops / competitions conducted: Yes	
f) Use of supplementary teaching tools and application of Depending on require	
ICT: PPT, Smart TV, Early Learning Readiness Videos remedial classes will I	be
(ELRV) conducted.	le .
Workshops/competition	ons are
conducted and related	
information is attached	
All class rooms are IC	
to facilitate teaching-le	
4 Laboratory Facilities: process more effective Yes. All laboratory equ	
(a) Number of Laboratories: 15	
(b) Working condition of equipment: All and the syllabus and are	
(c) Up gradation as per new technological developments and proper working conditions	
requirements of the course curriculum: Yes	and a second second
(d) Availability of licensed software as per the course Each Laboratory has quantum Variables.	
curriculum. Yes (e) Number of Computer Labs: 2 lab instructor/technicia	
1 (V) Trumper Of Compiler Laps, Y	e of the
(e) Number of Computer Labs: 2 care of the maintenance equipment.	17 22225

ratio: 1:14.24 ?

	(-) C. C	
	(g) Softwares available: MATLAB, PSCAD(h) No of Printers available: 03	: All d - 1: 0
	(ii) 110 of Frinters available. 05	i. All the licensed softwares available in the department
5	Faculty Development Programs:	are attached. Yes.
	, and a second s	i cs.
	(a) FDPs attended by the faculty:(i) National: 115(ii) International: Nil	Yes. Registration fee, TA and DA and OD will be given for faculty attending.
	(b) Conferences attended by the faculty:(i) National: Nil(ii) International: 15	FDPs/Conferences/Workshops etc. Details are attached. Yes.
	(c) Workshops attended by the faculty:(i) National: 12(ii) International: Nil	
	(d) Short term Courses attended by the faculty:(i) National: 07(ii) International: Nil	, .
		9
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs: Yes	
	(f) Reimbursement of Registration	8 8 F
	Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops,	
	etc.:Yes (g) Provision of Computing facility to individual faculty (Desktop/Laptop):Yes	*
6	Research Publications:	Detection in 1.1
		Details are attached.
	(a) No. of publications in Journals	
	(i) National :	
	(ii) International: 9	
	(b) No. of publications in Conferences	•
	(i) National:	
	(ii) International: 13	
	(iii)Book Chapters: 2	
7	Library, Internet & other facilities:	Central Library: Yes
	(a) Daniel de la 1	Digital library: Yes
	(a) Department Library: (i) Number of Titles: 157	e-journals: Yes
	(i) Number of Titles: 157 (ii) Total volumes of Books: 157	ASME online:
	(ii) 10tal volumes of Books: 157 (iii) Number of Journals: NIL	IEEE journals: Yes
	(iv) Digital Library: Yes available	Delnet e books: Yes
	, *	NPTEL videos: Yes
	(b) Internet Connectivity: Yes	Magazines: Yes

	* 2
(i) No. of companies Visited: 73	Details are available.
(iii) Average salary offered: 4.80 LPA	
(v) On campus placements: -	
(vi) Existence of Training & Placement Office in the Institute: Yes	•
ire of the External Mambara.	Sz: U. 19-4
	verreddy
	 (ii) No. of Placements offered: 151 (iii) Average salary offered: 4.80 LPA (iv) Off campus placements: - (v) On campus placements: - (vi) Existence of Training & Placement Office in the

PRINCIPAL PRINCIPAL

INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
• Telangana State



(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December 2022

Name of the Department		Computer Science and Information Technology
Address of the Institute		Institute of Aeronautical Engineering Dundigal, Hyderabad
Date and time of visit	8 9	3 , J === work
Members of the Audit Committee	0	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	0	Szi-Un. C.Y
Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	*	verneddy

NAME OF THE DEPARTMENT: COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

S. No	o Particular		Remarks / Suggestions	
1	Curricular Aspects (a) Courses Offered		The department is offering a UC program, and it is running in a	
	Name of the Course	Intake	well-planned manner. The department is not offering the	
	B. Tech	120	PG program.	
	M.Tech		To program.	

(b) Semester-wise curricular Plan: Available / Not available(c) Coverage of Syllabus: Details are attached	defined curriculum plan. Details are attached.
	It is observed that all faculty cover the entire syllabus recommended by this BOS. Details like academic course
	files, attendance registers, roll lists, academic calendars, and timetables are attached.
Total Faculty: (a) Teacher: Student Ratio: 1:20	The department has a reasonably good faculty-student ratio. The department has an efficient end,
(b) How many of the faculty members possess degrees of (i) Ph.D.: 02 (ii) M.Tech:04	enthusiastic faculty. The faculty list is attached.
(c) Teaching Experience of the Faculty in the institute	
a) Availability of Course Files b) Student Assignments c) Tutorial classes d) Remedial Coaching e) Student-Centric Activities: Quizzes/workshops/competitions conducted: f) Use of supplementary teaching tools and application of ICT	Each faculty maintains a course full stack. Sample course file contents are attached. It is observed that all faculty members conduct tutorial classes as per the BOS guidelines. Depending on requirements remedial classes will be
	remedial classes will be conducted. Workshops/competitions are conducted and related information is attached.
	All classrooms are ICT enabled to facilitate the teaching-learning process more effectively.
 (a) Number of Laboratories: 03 (b) Working condition of the equipment. (c) Upgradation as per new technological developments and 	Yes. All laboratory equipment is available as per JNTUH norms and the syllabus and is in proper working condition.
(d) Availability of licensed software as per the course curriculum. Yes(e) Number of Computer Labs:03	Each Laboratory has a qualified lab instructor/technician to take care of the maintenance of the equipment.
	2. Faculty Status: Total Faculty: (a) Teacher: Student Ratio: 1:20 (b) How many of the faculty members possess degrees of (i) Ph.D.: 02 (ii) M.Tech:04 (c) Teaching Experience of the Faculty in the institute: Teaching — Learning a) Availability of Course Files b) Student Assignments c) Tutorial classes d) Remedial Coaching e) Student-Centric Activities:

5	Founds D	All the licensed softwa available in the department attached.	
3	Faculty Development Programs:	Yes.	
	(a) FDPs attended by the faculty:(i) National: 02(ii) International: Nil	Yes. Registration fee, TA and DA, and OD will be given for faculty attending.	
	(b) Conferences attended by the faculty:(i) National: Nil(ii) International: Nil	FDPs/Conferences/Workshops etc. Details are attached. Yes.	
	(c) Workshops attended by the faculty:(i) National: Nil(ii) International: Nil		
	(d) Short-term Courses attended by the faculty:(i) National: Nil(ii) International: Nil		
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs		
	 (f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc. (g) Provision of Computing facility to individual faculty (Desktop/Laptop) 		
5	Research Publications:	Details are attached.	
	(a) No. of publications in Journals (i) National: 00 (ii) International: 04	Details are attached.	
	(b) No. of publications in Conferences (i) National: Nil (ii) International: Nil (iii)Book Chapters: Nil		
	(iv) Digital Library: Yes available	Central Library: Digital library: e-journals: ASME online: IEEE journals: Delnet e books: NPTEL videos: Magazines:	

	(c) Placement Activities: NA (i) No. of companies Visited:	Details are available.
	(ii) No. of Placements offered:(iii) Average salary offered:	
	(iv)Off-campus placements: NA	
	(v) On-campus placements: NA(vi) Existence of Training & Placement Office in the Institute:	
ignotive of the Note that		Szi-illiery
gna	ture of the External Members:	varreddy

INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
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INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 –

2022Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department:	Computer Science and Engineering
Address of the Institute:	Dundigal, Hyderabad
Date and time of visit:	09-12-2022
Members of the Audit Committee:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	: 82-W. 67
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	: vameddy

NAME OF THE DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

S. No		Particular	Remarks / Suggestions
	Curricular Aspects (a) Courses Offered	S	The department is offering UG & PG programs, and are running in well planned
	Name of the	Intake	manner. Both Programs have well defined curriculum plan
	B.Tech	260	and are available.
	M.Tech	18	
			The syllabus coverage is as pe

	(b) Semester wise curricular Plan: Available both online and offline(c) Coverage of Syllabus: Activity Dairy Report attached and also available online in the website.	schedule of instructions planned by the respective faculty. Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached and also available in website.
2	Faculty Status: Total Faculty: (a) Teacher: Student Ratio: 12.51 (b) How many of the faculty members possess degrees of (i) Ph.D: 15	The department has Excellent faculty student ratio. The department has qualified and efficient faculty. Faculty list is attached.
	(ii) M.Tech: 46 (c) Teaching Experience of the Faculty in the institute: 72 % of Faculty Retained	
3	 Teaching –Learning a) Availability of Course Files:Yes b) Student Assignments:Yes c) Tutorial classes:Yes d) Remedial Coaching: conducted e) Student Centric Activities: ♦ Quizzes / workshops / competitions conducted: 91 f) Use of supplementary teaching tools and application of ICT: each class room equipped with ICT tolls and Faculty teaches using ICT tools. ■ Video lectures by IARE Faculty are available for Students in the IARE YouTube Channel. 	Each faculty develops course full stack for allocated courses by the department of OBE. Sample course file contents are attached. It is observed that all faculties conduct the tutorial classes as per the BOS guidelines. Depending on requirement remedial classes will be conducted. Workshops / hackathons / technical quizzes competitions were conducted. All class rooms are ICT enable to facilitate teaching-learning process more effective.
4	 Laboratory Facilities: (a) Number of Laboratories:9 Laboratories (b) Working condition of equipment's:Working (c) Up gradation as per new technological developments and requirements of the course curriculum. (d) Availability of licensed software as per the course curriculum. Yes (e) Number of Computer Labs:9 Laboratories (f) Number of PCs:297 Desktop Computer Systems (g) Software's available: Yes (h) No of Printers available:2 Printers 	All laboratory equipment available as per JNTUH norms and syllabus, are in proper working condition. Each Laboratory has qualified lab instructor/technician to take care of the maintenance of the equipment. 108 New Desktop Computer systems are upgraded as per new technological

		developments in laboratories
		^
		List of licensed softwares available in the department is attached.
5	Faculty Development Programs:	
	 (a) FDPs attended by the faculty: (i) National: 7 (ii) International: Nil (b) Conferences attended by the faculty: (i) National: 25 	Registration fee, TA, DA and OD will be given for faculty attending FDPs /Conferences /Workshops. Summary sheets containing information about FDPs/Conferences/Workshops etc.
	(ii) International: Nil	attended by the faculty is attached.
	(c) Workshops attended by the faculty:(i) National: 3(ii) International: Nil	unuoned.
	(d) Short term Courses attended by the faculty:(i) National: 03(ii) International: Nil	
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs	Yes
	(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops,	Yes
	etc. (g) Provision of Computing facility to individual faculty (Desktop/Laptop)	Yes
6	Research Publications:	Incentives are provided to the
	(a) No. of publications in Journals (i) National : (ii) International: 17	faculty for national / international/ book chapters /text books publications.
	 (b) No. of publications in Conferences (i) National: (ii) International: 25 (iii) Book Chapters: 10 	
7	Library Internet & other facilities:	Central Library:
	(a) Department Library: (i) Number of Titles:	Digital library: e-journals: IEEE journals:
	(ii) Total volumes of Books:(iii) Number of Journals:(iv) Digital Library: Yes available	Delnet e books: NPTEL videos: Magazines:

(b) Internet Connectivity: Yes	Details are available.
(c) Placement Actionies: (i) No. of companies Visited:31 (ii) No. of Placements offered:163 (iii) Averages charyoffered:3 Lakh (iv) Off compute placements: -4 (v) On compute placements: -159 (vi) Existence of Training & Placement Office in the Institute:	
	Szi-Uniony
Signature of the External elembers:	verneddy

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INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department		Information Technology
Address of the Institute		IARE, Dundigal, Hyderabad
Date and time of visit		0
Members of the Audit Committee	0 0	,
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	0	82:- Un. 10 y
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	• •	vemedy

NAME OF THE DEPARTMENT: INFORMATION TECHNOLOGY

S. No	A COLOR DE CONTRACTOR DE CONTR		Remarks / Suggestions
1			The department is offering UG program, and it is sunning in well planned
1	Name of the Course Intake		
	B.Tech	120	mannal
	M.Tech	_	Department has well define curriculum plan. Details are
	(b) Semester wise curricular	Plan: Available / Not available	curriculum plan. Details are attached.

	(c) Coverage of Syllabus: Details are attached	It is observed that all facult cover entire syllabus succommended by this BOS.
2.	Faculty Status: Total Faculty: (a) Teacher: Student Ratio: 21:396 (b) How many of the faculty members possess degrees of (i) Ph.D:	The department has reasonably good faculty student ratio. The department has efficient end enthusiatic faculty Faculty list is attached
	(c) Teaching Experience of the Faculty in the institute:	0
3	Teaching – Learning a) Availability of Course Files b) Student Assignments c) Tutorial classes d) Remedial Coaching e) Student Centric Activities: ❖ Quizzes / workshops / competitions conducted: f) Use of supplementary teaching tools and application of ICT	Each faculty maintain course full stack. Sample course file Contents are attached. It is observed that all faculties conduct the tutorial classes as per the BOS quidelines. All class youns are ICT ento facilitate teaching-laving process more effective
4	Laboratory Facilities: (a) Number of Laboratories: (b) Working condition of equipments. (c) Up gradation as per new technological developments and requirements of the course curriculum. (d) Availability of licensed software as per the course curriculum. Yes (e) Number of Computer Labs: (f) Number of PCs: (g) Softwares available: (h) No of Printers available:	Yes, All laboratory equipment available as per JNTUH norms and the Syllabus and one in proper working condition. Each Laboratory has qualified lab instructoritechnician to take care of the maintenance of the equipment. i. All the licensed software available in the deportment are attached.
5	Faculty Development Programs:	Yes.
il in the second	(a) FDPs attended by the faculty: (i) National: (ii) International:	Yes. Registration fee. TA and DA and OP will be given
	(b) Conferences attended by the faculty:(i) National: —(ii) International: (0	for faculty attending FDPs / Conferences / workshops etc. Details are attached
	(c) Workshops attended by the faculty:(i) National:(ii) International:	Yes.
	(d) Short term Courses attended by the faculty:(i) National: —(ii) International: —	

r		
	 (e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs (f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc. (g) Provision of Computing facility to individual faculty (Desktop/Laptop) 	,
6	Research Publications: (a) No. of publications in Journals (i) National : - (ii) International: 15	Details are available
	(b) No. of publications in Conferences (i) National: - (ii) International: しょ (iii) Book Chapters: -	*
7	Library, Internet & other facilities: (a) Department Library: (i) Number of Titles: 425 (ii) Total volumes of Books: 425 (iii) Number of Journals: (iv) Digital Library: Yes available (b) Internet Connectivity: Yes	Central Library: Digital library: e-journals: ASME online: IEEE journals: Delnet e books: NPTEL videos: Magazines:
	(c) Placement Activities: (i) No. of companies Visited: 36 (ii) No. of Placements offered: 36 (iii) Average salary offered: (iv) Off campus placements: - (v) On campus placements: - (vi) Existence of Training & Placement Office in the Institute:	Details are available
Signatı	ure of the External Members:	Prilliery vomeddy
		To strong
		PRINCIPAL

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INTERNAL QUALITY ASSURANCE CENTRE

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department	:	Mechanical Engineering
Address of the Institute	:	Dindisal, Hyderalad-43
Date and time of visit		9th December - 2022 10:00 am
Members of the Audit Committee	0	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	:	S21_illu:04
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	•	verreddy

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

Particular Curricular Aspects (a) Courses Offered		Remarks / Suggestions
		B. Tech inder UG 20 ligulations M. Tech inder Por 21 legulations. Program Cristian Program Cristian Avoilable Suidelin
Name of the Course	Intake	m-Tech under por21
B.Tech	60	Paul on bross.
M.Tech	18	The County all MITE
	Curricular Aspects (a) Courses Offered Name of the Course B.Tech	Curricular Aspects (a) Courses Offered Name of the Course B.Tech Intake

	(-) (6 - 6 - 1 1 - 1 1 - 1
	(c) Coverage of Syllabus: Details are attached	for (16-12) T modules cellouses
2.	Faculty Status:	(a) Well within the stipulated Cimits. (b) Sufficient Caders.
	Total Faculty:	(d) weet within
	(a) Teacher: Student Ratio: 18.96	Stipulated Centry
	(b) How many of the fearly members are	(6) Sufficient Cade
	(b) How many of the faculty members possess degrees of (i) Ph.D: 20	(c) All above I year
	(ii) M. Tech: 16	The acoust + 1 cm
	12 Caracan	and average teaching
	(c) Teaching Experience of the Faculty in the institute:	Expurence > 5
3	Teaching - Learning	1-1 LIC - Gill Charle
	a) Availability of Course Files	(b) yes—
	b) Student Assignments c) Tutorial classes	(c) per la la Contieled
	d) Remedial Coaching	(C) negetitory content e.
	e) Student Centric Activities:	(d) Condo Cledfer Slow legine)
	Quizzes / workshops / competitions conducted:	(d) yes— (c) negularly conducted. (d) Condockedfor Slow Learney between 4pm to 6pm) (e) yes
	f) Use of supplementary teaching tools and application of	
	ICT	(f) yes
4	Laboratory Facilities:	[0] 121
	Laboratory Facilities: (a) Number of Laboratories: 13 B. Tech (4, M. Tech) (b) Working condition of equipments	(b) & bitacking there evel markens
	(b) Working condition of equipments.	(5) Salis Operation
	(c) Up gradation as per new technological developments and requirements of the course curriculum.	(c) Yes Treatheat Clentury
	(d) Availability of licensed software as per the course	(a) 13 V (b) Sockstackong there ever (c) Yes 1 i (d) Yes 1 perpectual Gencing
	curriculum. Yes	(e) yes
	(e) Number of Computer Labs: 5 m. Tech (f) Number of PCs: 8. 7660 109-1000000000000000000000000000000000	
	(f) Number of PCs: 8.7660, 09-Miles (g) Softwares available: Just Audolad, Solidurks	(f) - 60 -
	(g) Softwares available: Aug Analys	(9) - yes -
	(g) Softwares available: Just Autor Dray (h) No of Printers available: 2 Catler Cadem	(b) -2-
5	Faculty Development Programs:	
	(a	International may be attended -
	(a) FDPs attended by the faculty:	be attended -
	(i) National: 2 perfamily	
	(ii) International:	16) wateral (antille)
	(b) Conferences attended by the faculty:	1 Hende
	(i) National: for faculty	Should at
	(ii) International: pu pull	O. L. tonal holder
	, , , , , ,	Merrour Men /e /
	(c) Workshops attended by the faculty:	bray be arons
	(i) National: 12 / per faculty (ii) International: Nil	1 stend
	(II) International: MI	Should attende Should attende C) international wolkylop may be attended. d) They to attend Adurs ed Short terms Courses.
	(d) Short term Courses attended by the faculty:	Adusted Shart and
	(i) National: 67 ML	come.
	(ii) International: Nil	
	(a) Facility of Ch. 1. I am a 14 a C C C I	
	(e) Facility of Study Leave with pay for faculty to pursue	

(i) National: Nil. (ii) International: L	(8) Ves:
(iii) Book Chapters: 3 Library, Internet & other facilities: (a) Department Library: (i) Number of Titles: 30 (ii) Total volumes of Books: 490 (iii) Number of Journals: 10 (iv) Digital Library: Yes available (b) Internet Connectivity: Yes (c) Placement Activities: (i) No. of companies Visited: 13 (ii) No. of Placements offered: 59 (iii) Average salary offered: 3.16 LPA (iv) Off campus placements: - 9 (v) On campus placements: - 50 (vi) Existence of Training & Placement Office in the Institute: YD)	Branch Specific Formal may be 9mproved & Subscribed. 5) Yes (c) Sabsfecting
Signature of the External Members:	Szillion vomet

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INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 –

2022Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department:		Aeronautical Engineering
Address of the Institute:		Dundigal, Hyderabad
Date and time of visit:		09-12-2022
Members of the Audit Committee:		
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	:	Szi-Uniony
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	0 0	voneddy

NAME OF THE DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

S. No	Particular 1. Curricular Aspects (a) Courses Offered		Remarks / Suggestions
			The department is offering UC & PG programs, and are running in well planned
	Name of the Course	Intake	manner.
	B.Tech	120	defined curriculum plan and
	M.Tech	18	are available.
			The syllabus coverage is as per

Γ		
	(b) Semester wise curricular Plan: Available both online and offline	schedule of instructions planned by the respective faculty.
	(c) Coverage of Syllabus: Activity Dairy Report attached and also available online in the website.	Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached and also available in website.
2	Faculty Status: Total Faculty: Teacher: Student Ratio: 1:18 How many of the faculty members possess degrees of Ph.D: 8 M.Tech: 17 (c) Teaching Experience of the Faculty in the institute: 72 % of Faculty Retained	The department has Excellent faculty student ratio. The department has qualified and efficient faculty. Faculty list is attached.
3	Teaching –Learning Availability of Course Files:Yes Student Assignments:Yes Tutorial classes:Yes	Each faculty develops course full stack for allocated courses by the department of OBE. Sample course file contents are
	Remedial Coaching: conducted Student Centric Activities:	attached. It is observed that all faculties conduct the tutorial classes as
	Quizzes / workshops / competitions conducted: 91 Use of supplementary teaching tools and application of ICT: each class room equipped with ICT tolls and Facultyteaches using ICT tools. Video lectures by IARE Faculty are available forStudents in the IARE YouTube Channel.	per the BOS guidelines. Depending on requirement remedial classes will be conducted.
	the TARE Tourube Channel.	Workshops / hackathons / technical quizzes competitions were conducted.
		All class rooms are ICT enable to facilitate teaching-learning process more effective.
4	Laboratory Facilities: Number of Laboratories:7 Laboratories Working condition of equipment's:Working Up gradation as per new technological developments and requirements of the course curriculum. Availability of licensed software as per the course curriculum.Yes	All laboratory equipment available as per JNTUH norms and syllabus, are in proper working condition. Each Laboratory has qualified
	Number of Computer Labs: 7Laboratories Number of PCs: 82 Desktop Computer Systems Software's available: Yes	lab instructor/technician to take care of the maintenance of the equipment.
	No of Printers available:2 Printers	108 New Desktop Computer systems are upgraded as per new technological

		developments in laboratories
		List of licensed softwares available in the department is attached.
5	Faculty Development Programs:	
	(a) FDPs attended by the faculty:(i) National: 7(ii) International: Nil	Registration fee, TA, DA and OE will be given for faculty attending FDPs /Conferences /Workshops. Summary sheets containing
	(b) Conferences attended by the faculty:(i) National: 12(ii) International: Nil	information about FDPs/ Conferences/Workshops etc. attended by the faculty is attached.
	(c) Workshops attended by the faculty: (i) National: 3 (ii) International: Nil	
	(d) Short term Courses attended by the faculty: (i) National: 04 (ii) International: Nil	
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs	Yes
	(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc.	Yes
	(g) Provision of Computing facility to individual faculty (Desktop/Laptop)	Yes
6	Research Publications: (a) No. of publications in Journals (i) National : (ii) International: 12	Incentives are provided to the faculty for national / international/ book chapters /text books publications.
	(b) No. of publications in Conferences(i) National:(ii) International: 10(iii) Book Chapters: 02	
7	Library Internet & other facilities: (a) Department Library: (i) Number of Titles: (ii) Total volumes of Books: (iii) Number of Journals: (iv) Digital Library: Yes available	Central Library: Digital library: e-journals: IEEE journals: Delnet e books: NPTEL videos: Magazines:

(b) Internet Connectivity: Yes	
(c) Placement Activities: (i) No. of companies Visited: 10 (ii) No. of Placements offered: 54 (iii) Averagesalaryoffered: 3 5 Lakh (iv) Off campus placements: -6 (v) On campus placements: -48 (vi) Existence of Training & Placement Office in the Institute:	Details are available.
Signature of the External Members:	Swillword
	PRINCIPAL.



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT:2021 – 2022 Part – I: PRELIMINARY INFORMATION

10 December, 2022

Name of the Department:		Freshman Engineering
Address of the Institute:		Dundigal, Hyderabad
Date and time of visit:		10-12-2022
Members of the Audit Committee:		
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	•	Stiller
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	*	voweddy

NAME OF THE DEPARTMENT: FRESHMAN ENGINEERING

PART - II: ACADEMIC INFORMATION

S. No		Particular	Remarks / Suggestions
17	 Curricular Aspect (a) Courses Offered 	S	The department is offering the courses Mathematics, Physics Chemistry, English for
	Name of theCourse	Intake	B.Tech students. All courses have well defined curriculum
	B.Tech	-	plan and are available.
	M.Tech	-	1 and a variation
			The syllabus coverage is as per

×	(b) Semester wise curricular Plan: Available both online and offline	schedule of instructions planned by the respective faculty.
	(c) Coverage of Syllabus: Activity Dairy Report attached and also available online in the website.	Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached and also available in website.
2	Faculty Status: Total Faculty: (a) Teacher: Student Ratio: (b) How many of the faculty members possess degrees of (i) Ph.D: 21 (ii) M.Tech: - (c) Teaching Experience of the Faculty in the institute: 72 %	The department has Excellent faculty student ratio. The department has qualified and efficient faculty. Faculty list is attached.
	of Faculty Retained	lage same we say
3	Teaching —Learning a) Availability of Course Files:Yes b) Student Assignments:Yes c) Tutorial classes:Yes d) Remedial Coaching: conducted e) Student Centric Activities:	Each faculty develops course full stack for allocated courses by the department of OBE. Sample course file contents are attached. It is observed that all faculties
1	Quizzes / workshops / competitions conducted: NA	conduct the tutorial classes as per the BOS guidelines.
	 f) Use of supplementary teaching tools and application of ICT: each class room equipped with ICT tolls and Faculty teaches using ICT tools. Video lectures by IARE Faculty are available for Students in the IARE YouTube Channel. 	Depending on requirement remedial classes will be conducted.
·		All class rooms are ICT enable to facilitate teaching-learning process more effective.
	The Carlo Ca	
4	Laboratory Facilities:	All laboratory equipment
	 (a) Number of Laboratories: 3 Laboratories (b) Working condition of equipment's: Working (c) Up gradation as per new technological developments and requirements of the course curriculum. 	available as per JNTUH norms and syllabus, are in proper working condition.
1965	(d) Availability of licensed software as per the course curriculum. Yes (e) Number of Computer Labs: 3 Laboratories	Each Laboratory has qualified lab instructor/technician to take care of the maintenance of the
	(f) Number of PCs: 180 Desktop Computer Systems(g) Software's available: Yes	equipment.
	(h) No of Printers available: 3 Printers	108 New Desktop Computer systems are upgraded as per new technological



	* 40	developments in laboratories
14		List of licensed softwares available in the department is attached.
5	Faculty Development Programs:	B ' t t' C 'FA DA JOE
	(a) FDPs attended by the faculty: (i) National: 20 (ii) International: 10	Registration fee, TA, DA and OI will be given for faculty attending FDPs /Conferences /Workshops. Summary sheets containing
-	(b) Conferences attended by the faculty:(i) National: 2(ii) International: 10	information about FDPs/ Conferences/Workshops etc. attended by the faculty is attached.
60 (18)	(c) Workshops attended by the faculty: (i) National: 5 (ii) International: Nil	9
	(d) Short term Courses attended by the faculty: (i) National: 01 (ii) International: Nil	
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs	Yes
	(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc.	Yes
•	(g) Provision of Computing facility to individual faculty (Desktop/Laptop)	Yes
6	Research Publications: (a) No. of publications in Journals	Incentives are provided to the faculty for national / international/book chapters /text books
*	(i) National : 01 (ii) International: 15	publications .
	(b) No. of publications in Conferences(i) National:(ii) International: 0 4	
3,50	(iii)Book Chapters: 4	
7	Library Internet & other facilities:	NA
	(a) Department Library:(i) Number of Titles:(ii) Total volumes of Books:(iii) Number of Journals:	

(b) Internet Connectivity: Yes	,
(c) Placement Activities:	*
(i) No. of companies Visited:	
(ii) No. of Placements offered:	
(iii) Average salary offered:	
(iv) Off campus placements:	
(v) On campus placements: -	
(vi) Existence of Training & Placement Office in Institute:	the
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Signature of the External Members:	veuredy

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INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022

Part - I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department		Mathematics
Address of the Institute	:	
Date and time of visit	:	9-12-2022
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	9	Szi-illivy
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	:	verredy

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

PART - II: ACADEMIC INFORMATION

S. No	Particular		Remarks / Suggestions	
1	Curricular Aspects (a) Courses Offered			B. Tech under UG 20 ragulations.
	Name of the Course	Intake		TO TOCK I WHERE PC 21
	B.Tech	_	A	Milet Water 10721
	M.Tech	-	.L	regulations.
	(b) Semester wise curricular Plan: Available / Not available		M. Tech under PG21 regulations. Program Credits as as per ALCTE Guidel	

* no admission ?

	(c) Coverage of Syllabus: Details are attached	for CIE-I - 3.5 modells
		torcie-ii - 2.5 modules.
2.	Faculty Status: Total Faculty: (a) Teacher: Student Ratio: AR PLL JNTUH, NO 8mg	wall within the
	(b) How many of the faculty members possess degrees of (i) Ph.D: 03 (ii) M.Tech: 10 10.5C (c) Teaching Experience of the Faculty in the institute:	setipulated limits. torculty having overage experience is 5"
3	Teaching – Learning a) Availability of Course Files b) Student Assignments c) Tutorial classes d) Remedial Coaching e) Student Centric Activities:	(a) yes (full start) (b) yes. (c) Regularly conducted (d) Conducted for slow learners between
4	 Quizzes / workshops / competitions conducted: Use of supplementary teaching tools and application of ICT 	(d) (onducted for slow learners between (4pm to 6pm) (e) yes (f) yes
4	Laboratory Facilities: (a) Number of Laboratories: (b) Working condition of equipments. (c) Up gradation as per new technological developments and requirements of the course curriculum. (d) Availability of licensed software as per the course curriculum. Yes (e) Number of Computer Labs: (f) Number of PCs: (g) Softwares available: (h) No of Printers available:	(a) - (b) - (c) - (d) matlab (MATLAB) (e) yes (f) ± per faculty (g) yes (MATLAB)(h) 01
5	(ii) International: (b) Conferences attended by the faculty: (i) National: (ii) International: (iv) Vorkshops attended by the faculty:	Sinternational may be attended. (b) National faculty Should be attended. (c) workshops may be attended. d) HEL To attend advised shorter Courses.

& no clear information

	higher studies or attend FDPs	(E) Yes
	(A) D. 1	E/ 123
	(f) Reimbursement of Registration	12) VOS
	Fee and TA / DA expenses along with Special Casual	
	Leave for participation in FDPs/Conferences/Workshops,	(g) yes
	etc.	
	(g) Provision of Computing facility to individual faculty	
	(Desktop/Laptop)	
6	Research Publications:	(2) To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		(a) 10 be implotted in the
	(a) No. of publications in Journals	(x) domain of multidiskiplinger
	(i) National : NIL	
	(ii) International:	(6) National Conferences
	(b) No. of publications in Conferences	(a) 70 be improved in the (b) domain of multidisciplinary (b) National Conferences may be improved.
	(i) National:	0
	(ii) International:	
	(iii)Book Chapters:	
7	Library, Internet & other facilities:	
	J, Co Contracting.	(a) Blanch specific Journals may be improved/subscribed.
	(a) Department Library:	C) Backer, salacegae
	(i) Number of Titles:	Journal man ha
	(ii) Total volumes of Books:	So way be
	(iii) Number of Journals:	impled leaberoiled
	(iv) Digital Library: Yes available	al your self / seasseaning.
	(14) Digital Biotaly, 1 es avallable	b) yes.
	(b) Internet Connectivity: Yes	c) satisfactory.
	(a) DI (A. ('. '.'	y saw
	(c) Placement Activities:	·
	(i) No. of companies Visited:	
	(ii) No. of Placements offered: - NIL.	
	(iii) Average salary offered:	
	(iv)Off campus placements: -	
	(v) On campus placements: -	
	(vi) Existence of Training & Placement Office in the	
	Institute:	
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Signature of the External Members:		5.
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INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous) Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022 Part – 1: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department	:	CIVIL ENGINEERING
Address of the Institute	:	Institute of Aeronautical Engineering, Dundigal, Hyderabad - 500 043
Date and time of visit	:	9th December 2029 10:00 am.
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	•	B2:5U-6-4
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh	**	vemedo

NAME OF THE DEPARTMENT: CIVIL ENGINEERING

PART - II: ACADEMIC INFORMATION

S. No	Partie	cular	Remarks / Suggestions
1	Curricular Aspects (a) Courses Offered		Regulations B. Tech - UGi20
	Name of the Course	Intake	
	B.Tech	60	M. TRCh - PGI 21
	M.Tech	18	Plagram Cigniculum
	(b) Semester wise curricular Pla	ın: Available	Peogram cirriculum

	(c) Coverage of Syllabus: Details are attached	50% of Syllabus is coursed for CIF-1 of Romaing for CIE;
2.	Faculty Status: Total Faculty: (a) Teacher: Student Ratio: 14.03 (b) How many of the faculty members possess degrees of	-SFR is maintained as pur AICTE Normsno of doctolates are as pur norms.
×	Experience No. of Faculty More than 4 years 11 Between 3 to 4 years 6 Between 2 to 3 years 1 Between 1 to 2 years 0 Less than 1 year 8	Experience of faculty is greater than's!
3	Teaching – Learning a) Availability of Course Files: Available b) Student Assignments: Available c) Tutorial classes: Conducting d) Remedial Coaching: Conducting e) Student Centric Activities: ❖ Quizzes / workshops / competitions conducted: Yes f) Use of supplementary teaching tools and application of ICT	Yes. Yes Yes Yes Yes. Yes.
4	Laboratory Facilities: (a) Number of Laboratories: 10 (b) Working condition of equipments.: Good Condition (c) Up gradation as per new technological developments and requirements of the course curriculum. Labs are upgraded as per the requirement of the curriculum (d) Availability of licensed software as per the course curriculum. Yes (e) Number of Computer Labs: 01 (f) Number of PCs: 25 (g) Softwares available: AUTOCAD, STADD Pro, MATLAB (h) No of Printers available: 02	(Satisfactory) Yes. Yes Yes
5	Faculty Development Programs: (a) FDPs attended by the faculty: (i) National: 31	satisfactory.

	(ii) International	
	(ii) International:	
	(b) Conferences attended by the faculty:	Number mour be
	(i) National: Nil	Narvoya
	(ii) International: 02	Number may be improved. (Ratisfactory)
	(c) Workshops attended by the faculty:	
	(i) National: 4	(Ratisfactory)
	(ii) International: Nil	
	(d) Short term Courses attended by the faculty:	
	(i) National: Nil	To be improved.
	(ii) International: Nil	10 12 20 9
	(e) Facility of Study Leave with pay for faculty to pursue	To be improved. faculty are encoraged to persue higher tudies.
	higher studies or attend FDPs: NIL	faculty are encoraged
	Provision given for the faculty to avail the study leave	to persue higher tudies.
	for higher studies and attend the FDP or STTPs.	0
	(f) Reimbursement of Registration Fee and TA / DA	a tistactory.
	expenses along with Special Casual Leave for participation in FDPs / Conferences / Workshops, etc.	- Sausfuces
	Yes	_satisfactory. _Available.
	(g) Provision of Computing facility to individual faculty.	Available.
	(Desktop/Laptop)	770000000
6	Yes Research Publications:	
	research I donedions.	
	(a) No. of publications in Journals	2 Grood Estactory.
	(i) National : Nil	9 6000
	(ii) International : 27	2) Lory,
	(b) No. of publications in Conferences	atistaca
	(i) National:	500
	(ii) International: 01	
	(iii)Book Chapters: 01	
7	Library, Internet & other facilities:	
	(a) Department Library:	1
	(i) Number of Titles: 200	. 1-0
	(ii) Total volumes of Books: 220	1 distactory
	(iii) Number of Journals: 30	Saur
	(iv) Digital Library: Yes available	1 satisfactory
	(b) Internet Connectivity: Yes	
	(c) Placement Activities:	
	(i) No. of companies Visited: 39	
	(ii) No. of Placements offered: 38	
	(iii) Average salary offered: 3.17 Lakh	
	(iv) Off campus placements: - Nil	

(v) On campus placements: - 38(vi) Existence of Training & Placement Office in the Institute: Yes	Available.
Signature of the External Members:	Bri-Un.19"4
	verredd

(b) Internet Connectivity: Yes	
 (c) Placement Activities: (i) No. of companies Visited: (ii) No. of Placements offered: (iii) Average salary offered: (iv) Off campus placements: (v) On campus placements: - (vi) Existence of Training & Placement Office in the Institute: 	
Signature of the External Members:	Sr-Un.or



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

INTERNAL QUALITY ASSURANCE CENTRE

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT: 2021 – 2022 Part – I: PRELIMINARY INFORMATION

09 December, 2022

Name of the Department	:	Master of Business Administration
Address of the Institute		Dundigal, Hyedrabad-500043
Date and time of visit	:	
Members of the Audit Committee	:	
1. Dr. K G Srinivas Professor of Data Science and Artificial Intelligence International Institute of Information Technology, Naya Raipur.	•	Brille o'L
2. Dr. V C Veera Reddy Prof. of Electrical and Electronics Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupathi, Andhra Pradesh		verneddy

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

PART - II: ACADEMIC INFORMATION

S. No	Particular		Remarks / Suggestions	
1	Curricular Aspects (a) Courses Offered	The department is offering PG program, and it is running in well planned manner.		
	Name of the Course	Intake	Department has well defined curriculum plan. Details are attached.	
	MBA	60		
	(b) Semester wise curricular Pla	It is observed that all faculty cover entire syllabus		
	(c) Coverage of Syllabus: Detai	Is are attached	recommended by this BOS.	

		Details like academic course file, attendance registers, roll list, academic calendar and time tables are attached.
2.	Faculty Status:	The department has reasonably
	Total Faculty:	good faculty student ratio. The
	(a) Teacher: Student Ratio:	department has efficient end
	10 to detail	enthusiastic faculty. Faculty list
	(b) How many of the faculty members possess degrees of	is attached.
	(i) Ph.D: 03	
	(ii) MBA: 10	
	(c) Teaching Experience of the Faculty in the institute:	
3	Teaching – Learning	Each faculty maintains course
	a) Availability of Course Files	full stack. Sample course file
	b) Student Assignments	contents are attached. It is
	c) Tutorial classes	observed that all faculties
	d) Remedial Coaching	conduct the tutorial classes as
	e) Student Centric Activities:	per the BOS guidelines.
	Quizzes / workshops / competitions conducted:	
	f) Use of supplementary teaching tools and application of	Depending on requirement
	ICT	remedial classes will be
8		conducted.
i		
		Workshops/competitions are
		conducted and related
		information is attached.
		All class rooms are ICT enable
		to facilitate teaching-learning
4	Laboratory Facilities:	process more effective.
7	(a) Number of Laboratories: Nil	Yes. All laboratory equipment
	(b) Working condition of equipment's.	available as per JNTUH norms
	(c) Up gradation as per new technological developments and	and the syllabus and are in
	requirements of the course curriculum.	proper working condition.
	(d) Availability of licensed software as per the course	Fool Labour 1 122
	curriculum. Yes	Each Laboratory has qualified
	(e) Number of Computer Labs: 01	lab instructor/technician to take
	(f) Number of PCs: 30	care of the maintenance of the
	(g) Software available :	equipment.
	(h) No of Printers available: 02	* All the ligans -1 - C
- 1	(i) No of Scanners available :01	i. All the licensed softwares
		available in the department are attached.
5	Faculty Development Programs:	Yes.
	- and sorotophical rogianis.	I es.
	(a) FDPs attended by the faculty:	Vac Paristration for TA
	(i) National: 02	Yes. Registration fee, TA and DA
	(ii) International:	and OD will be given for faculty
	() Anternational.	attending.

	(b) Conferences attended by the faculty:(i) National: 03	FDPs/Conferences/Workshops
	(ii) International:	etc. Details are attached. Yes.
	(c) Workshops attended by the faculty: (i) National: 01	
94	(ii) International: Nil	4
	(d) Short term Courses attended by the faculty:(i) National: 01(ii) International: Nil	
	(e) Facility of Study Leave with pay for faculty to pursue higher studies or attend FDPs	,
30	(f) Reimbursement of Registration Fee and TA / DA expenses along with Special Casual Leave for participation in FDPs/Conferences/Workshops, etc.	
2	(g) Provision of Computing facility to individual faculty (Desktop/Laptop)	
6	Research Publications:	Details are attached.
	(a) No. of publications in Journals (i) National : 12 (ii) International:	
	(b) No. of publications in Conferences (i) National: 10 (ii) International:	-
7	(iii)Book Chapters: 1 Library, Internet & other facilities:	
	(a) Department Library:	Central Library: Digital library:
	(i) Number of Titles:	e-journals:
	(ii) Total volumes of Books: (iii) Number of Journals:	ASME online: IEEE journals:
	(iv) Digital Library: Yes available	Delnet e books:
		NPTEL videos: Magazines:
#3		Details are available.

 (ii) No. of Placements offered: (iii) Average salary offered: (iv) Off campus placements: (v) On campus placements: - (vi) Existence of Training & Placement Office in the Institute: 	
Signature of the External Members:	Shillie'y