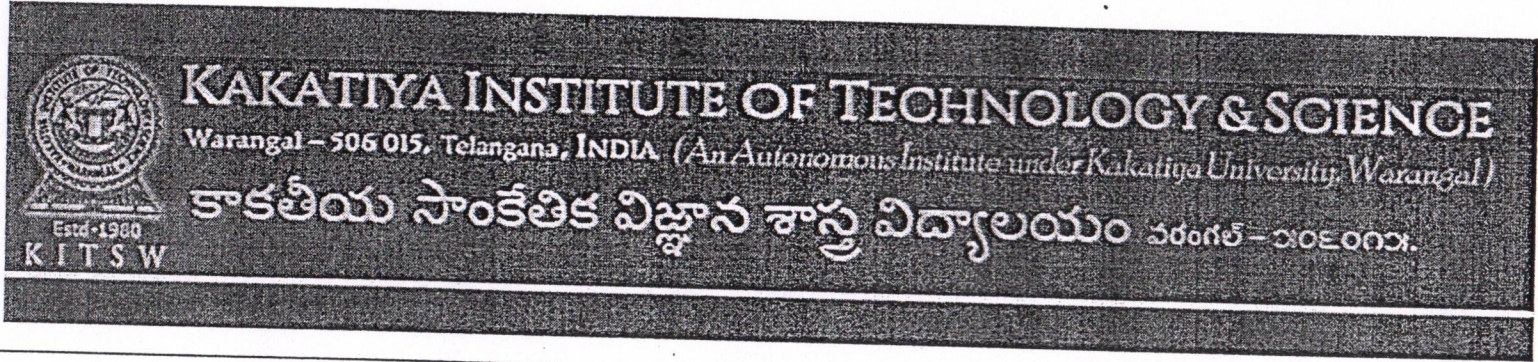




ACADEMIC AUDIT REPORTS of Academic Year 2017-18

Academic Audit conducted on 12-09-2018

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
OFFICE OF THE PRINCIPAL



No. 185 /OP/KITS/2018

Date: 06/09/2018

ORDER

Sub: Constitution of Academic Audit Committee - Schedule of Academic Audit - Reg.

In view of assessing the academic activities of the departments/sections for academic year 2017-18 and to identify the scope of improvement in teaching-learning process, Institute Academic Audit Committee (IAAC) is constituted. The members of the committee will visit the departments/sections on the dates mentioned below and carry out the academic audit.

Chairman: Dr. K. Ashoka Reddy, Principal
Convenor: Dr. C. Venkatesh, Dean, Academic Affairs
Co-convenor: Sri M. Raghuram, Faculty I/c, Academic Affairs

Date & Time of Academic Audit: 12/09/2018 (Wednesday @ 10.00 am to 12.00 noon)

Department / Section to be audited	Academic Audit Committee Members
CE	Prof. V. Ramaiah, Prof. & HoD, Dept. of EEE Dr. P. Venkateswara Rao, Prof., Dept. of ME
EIE	Dr. K.V.V. Sheshagiri Rao, Prof. & HoD, Dept. of M&H Dr. S.G. Narayana Reddy, Prof. I/c ICC & Prof. of CE
ME	Dr. P. Niranjana Reddy, Prof. & HoD, Dept. of CSE Dr. A. Srihari Rao, Prof. I/c ETC & Prof. of M&H
IT	Dr. G. Raghotham Reddy, Prof. & HoD, Dept. of ECE Dr. M. Veera Reddy, LAC Chairman & Prof., Dept. of CE
Exam Branch	Dr. K. Sridhar, Dean SA & Prof. of ME Dr. V. Niveditha Reddy, Assoc. Prof. & HoD, Dept. of MGMT
Academic Section and Establishment Section	Dr. K.V. Raghubabu, Prof. & HoD, Dept. of PSS Dr. P. S. Ramachandra Rao, Prof. of M&H

Date & Time of Academic Audit: 12/09/2018 (Wednesday @ 2.00 pm to 4.00 pm)

Department / Section to be audited	Academic Audit Committee Members
CSE	Dr. K. Sivani, Prof. & HoD, Dept. of EIE Dr. P. Srikanth, Prof. I/c T&P & Prof. of ME
EEE	Dr. P. Kamakshi, Prof. & HoD, Dept. of IT Dr. CH. Sribabu, Prof. of PSS
ECE	Dr. K. Eshwaraiah, Prof. & HoD, Dept. of ME Dr. H. Raghu Rama Sarma, Prof. of M&H
MGMT	Dr. L. Sudheer Reddy, Prof. & HoD, Dept. of CE Dr. K. Venumadhav, Assoc. Dean R&D & Assoc. Prof. of EIE
Library	Dr. P. Ramesh Reddy, Dean Admin & Prof. & HoD, PED Prof. R. Ravinder Rao, Prof. I/c AA&ER & Prof. of ME
PSS and M&H	Dr. K. Raja Narendra Reddy, CoE & Prof. of ME Prof. M. Sreelatha, Prof. I/c HESC & Prof. of ME

Academic Audit Committee members are requested to conduct academic audit at respective department/section as per schedule above and submit the report (with overall suggestions/remarks) to the undersigned on or before 14/09/2018 (Friday) by 1.00 pm. All the above committee members are requested to attend meeting on 11/09/2018 (Tuesday) in Committee Hall, Block-IV @ 1.15pm.

Copy to: 1. Secretary & Correspondent
2. Treasurer 3. Deans & CoE
4. HoDs (to circulate among faculty, make arrangements to support audit committee during audit)

PRINCIPAL



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
(An Autonomous Institute under Kakatiya University, Warangal, T.S.)
DEPARTMENT OF Civil Engineering

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

Please fill the following information:

Date: 12.09.2018

Name of the Department	CIVIL ENGINEERING
Head of the Department	Dr. L. Sudheer Reddy
Department Advisory Committee (DAC)	1. Dr. S. G. Narayana Reddy, Professor. 2. Dr. M. Veera Reddy, Professor. 3. Dr. L. Sudheer Reddy, Professor & HOD 4. Sri. M. Srikanth, Assoc. Professor. 5. Dr. M. Andal, Assoc. Professor.

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech - Civil Engineering	I	120	120	--	Yes	Three Years till 2019 File No: 11-76-2010-NBA Dt: 04.02.2017 AICTE+NBA Proofs to be enclosed
		II	120 + 24 = 144	144	--	Yes	
		III	120 + 24 = 144	144	--	Yes	
		IV	120 + 24 = 144	144	--	Yes	
PG	M.Tech -	I	24	24	0	No	N/A
		II	24	24	0	No	
Ph.D.	Civil Engineering		06	06	0	No	KU Research centre Letters to be enclosed



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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DEPARTMENT OF Civil Engineering

B. Faculty Information:

1.	Total Faculty in the Department	24
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	07
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	24
4.	No. of Faculty identified for PG (considering fractional load)	05
5.	Faculty : Student ratio (FSR) for UG	1:18
6.	Faculty : Student ratio (FSR) for PG	1:5
7.	Faculty Cadre Ratio:	
	(i) No. of Professors	03
	(ii) No. of Assoc. Prof.	04
	(iii) No. of Asst. Prof.	17
	(iv) Faculty Cadre Ratio =	24
8.	Faculty Qualification:	
	(i) No. of Faculty with Ph.D.	05
	(ii) No. of Faculty with M.Tech/MBA	19
	(iii) No. of Faculty with B.Tech/MCA/MSc	Nil
9.	No. of faculty pursuing Ph.D.	04
10.	No. of faculty with degrees from IITs/NITs	03
11.	No. of faculty with degrees from Universities abroad	14
12.	No. of faculty identified as Research Supervisors by various Universities	03



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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DEPARTMENT OF Civil Engineering

C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added			No	-Nil-
2.	No. of UG Laboratories	--	--	07	- Ok-
3.	No. of PG Laboratories	--	--	02	- Ok-
4.	New laboratories added			NIL	-Nil-
5.	Total cost of equipment in all laboratories	--	--	Rs. 88,04,789.00	- Ok-
6.	Cost of newly added equipment	Yes	--	Rs.2,03,818.00	- Ok-
7.	Curriculum revision done	Yes	I Semester March-May 2018	12th June 2018	- Ok-
8.	Survey taken from stakeholders on syllabus revision or course content	Yes	24.04.2017		- Ok-
9.	Action taken report prepared on stakeholders feedback	Yes	24.04.2017		- Ok-
10.	Survey reports available on website	Yes	-NA-		-Nil-
11.	Board of Studies meeting conducted	Yes	12th June 2018		- Ok-
12.	Syllabus is approved by Academic Council	Yes	12th June 2018		- Ok-
13.	UG Workload allotted to faculty	--	--	Avg. work load:17 Faculty required:28 Faculty existing:27	- Ok-
14.	PG Workload allotted to faculty	--	--	Avg. work load:17 Faculty required:06 Faculty existing:05	- Ok-
15.	Faulty Recruited			No. of faculty recruited:04	- Ok-



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DEPARTMENT OF Civil Engineering

16.	Calendar for Dept. Association activities prepared	Yes	21.06.2017	Civil Engineering Association CEA Calender will be prepared every year in the month of June before commencement of Class work	- Ok-
17.	Regular counselling of students is done	Yes	First Friday of every month	Counselling Reports will be generated with attendance and marks of students and will be sent to the parents	-Ok-
18.	Teaching schedules are uploaded into CMS before commencement of class work	Yes	One week before class work	Teaching schedules, Assignments and marks lists will be available in course files	- Ok-
19.	Assignments are posted timely into CMS as per teaching schedule	Yes	Posted as per teaching schedule in CMS	Assignments and marks lists will be available in course files	- Ok-
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	Yes	Posted as per teaching schedule in CMS	Assignments and marks lists will be available in course files	- Ok-
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	Yes	23.09.2017	Course Committee meetings (CCM) are conducted by Course coordinator after MSE1 and MSE2	- Ok-
22.	Action taken report is prepared on CCMs conducted	Yes	25.09.2017	Based on the CCM 1 and CCM2 Action Taken reports will be generated	- do-
23.	Online feedback taken from students before MSE-I	Yes	28.08.2017	Online feedbacks through Google forms are available as soft and Hard copies in the Dept.	To be Strengthened for odd Semester
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	Yes	29.08.2017		- Ok-
25.	Action taken report is prepared on CRC-I meetings conducted	Yes	30.08.2017		- Ok-
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	Yes	23.09.2017		- Ok-
27.	Action taken report prepared on CRM-I meetings conducted	Yes	25.09.2017		- Ok-



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28.	Student Progress report sent to parents after MSE-I	Yes	25.09.2017	Reports are generated and sent to parents by Head of the Dept.	- Ok-
29.	Remedial classes conducted as per timetable	Yes	-		
30.	Online feedback taken from students before MSE-II	Yes	09.11.2017, 16.02.2018		To be Strengthened
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes	28.08.2017		- Ok-
32.	Action taken report is prepared on CRC-II meetings conducted	Yes	10.11.2017		- Ok-
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	Yes	-		- Ok-
34.	Action taken report is prepared on CRM-II meetings conducted	Yes	-		- Ok-
35.	Dossier is prepared for students having shortage of attendance	-	-	NIL	- Ok-
36.	Any student detained due to shortage of attendance	Yes	-	NIL	- Ok-
37.	Makeup classes are arranged for students writing supplementary exams	Yes	-	MC Class work Times are enclosed in AA C 12 file	To be Strengthened
38.	Faculty is using ICT based teaching	Yes	-	List enclosed in AA C 13 File	To be Strengthened
39.	Additional teaching material (Handouts) are given to students	Yes	-	-DO-	- Ok-
40.	NPTEL lectures screened	Yes	-	-DO-	- Ok-
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	Yes	-	-DO-	- Ok-
42.	Result analysis after ESE evaluation:				
	(i) CO, PO Direct attainments are calculated	Yes	-	Direct attainment: enclosed in file AA_C14	- Ok-



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	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	Yes	-	enclosed in file AA_C14	- Ok-
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment		--		
	(i) Exit survey	Yes	--		-Ok-
	(ii) Parent survey	Yes	--		-Ok-
	(iii) Alumni survey	Yes	--		-Ok-
	(iv) Recruiter survey	Yes	--		-Ok-
44.	Indirect attainment of PO & PSO is calculated			Indirect attainment: enclosed in file AA_C14	-Ok-
45.	Overall attainment of PO & PSO is calculated				-Ok-
46.	Workshops/FDPs are conducted for faculty	Yes	26 th Feb 2018 to 03 March 2018	-NIL-	-Nil-
47.	Faculty participated in Workshops/FDPs etc.,	Yes	--	16 Number of Faculty Participated in FDPs Workshops	-Ok-
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	No	--	NIL	-Nil-
49.	Faculty published in Refereed journals	Yes	--	International:12 and National: 26	-Ok-
50.	Faculty published in Conference proceedings	Yes	--	International:01 and National: 15	-Ok-
51.	Faculty attended conferences for paper presentation	Yes	--	International 04 National: 24	-Ok-
52.	Faculty won awards (including best research paper award)	No	--	---	-Nil-
53.	Faculty Research proposals (Total cost in lakhs)				
	(i) Prepared	-		Number: NIL Amount:	-Nil-
	(ii) Submitted to Govt. Agencies	-		Number: NIL Amount:	-Nil-
	(iii) Sanctioned by Govt. Agencies	-		Number: NIL Amount:	-Nil-
	(iv) Submitted to Non-Govt. agencies	-		Number: NIL Amount:	-Nil-
	(v) Sanctioned by Non-Govt. agencies	-		Number: NIL Amount:	-Nil-
	(vi) Total Sanctioned	-		Number: NIL Amount: NIL	-Nil-



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Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.)				
54.	(i) Prepared	01		Number: Amount: 4,50,000.00
	(ii) Submitted	01		Number: Amount: -Ok-
	(iii) Total Sanctioned	01		Number: 01 -Ok-
55.	Consultancy projects undertaken	Nil		Amount: 2,00,000 -Ok-
56.	Any other Faculty achievements (not covered above)	Yes		Amount :65.87 Lakhs -Ok-
57.	Workshops/Seminars are conducted for students	Yes		Research Centre was renewed and 6 scholars were allotted to three faculty members -Ok-
58.	Interactive sessions are arranged with alumni	Yes		Number:03 -Ok-
59.	Students participated in academic activities at other institutes	Yes		Number:05 -Ok-
60.	Students won Prizes in academic activities at other institutes	Yes		Number:NIL -Nil-
61.	Students participated in cultural activities at other institutes	Yes		Amount (if any): -Nil-
62.	Students won Prizes in cultural activities at other institutes	No		Number:NIL -Nil-
63.	Students participated in sports activities at other institutes	No		Amount (if any): -Nil-
64.	Students won Prizes in sports activities at other institutes	No		Number:04 -Ok-
65.	Students undergone internships	Yes		Number: NIL -Nil-
66.	Students won "Best student project award"	No		Amount (if any): -Nil-
67.	Any Innovations by students	Nil		Number:113 To be Strengthened with supporting certificates.
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	No		Number:01 -Ok-
				Amount (if any): -Nil-
				NIL -Nil-
				NIL -Nil-



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69.	Start-ups are incubated on campus	No		NIL	
	Students Placements				-Nil-
	No. of students eligible for placements	--		136	
	No. of students registered for T&P activity	--		48	-Ok-
	No. of students placed	17		17	-Ok-
	No. of students joined for Higher Education	05		M.S. Abroad: 01 M.Tech.: 05 MBA: nil	-Ok-
	No. of students secured Jobs in PSUs	--		Nil	-Nil-
	No. of student Entrepreneurs	--		Nil	-Nil-
71.	Other student achievements(not covered above)			List of Students participated in Inter college events are enclosed in File No AA C24.	-Ok-
72.	Newsletters released				
	(i) Odd semester	Yes	July 2017		
	(ii) Even semester	Yes	December 2017		-Ok-
73.	Yearly Magazine released	Yes	April 2018		-Ok-
74.	Self Appraisal reports (PBAS) are submitted by faculty	Yes			-Ok-
75.	Self Appraisal reports are submitted by Non-teaching staff	Yes			-Ok-
76.	Department Advisory Committee (DAC) meetings are held regularly	yes	30.12.2017 12.04.2018		-Ok-
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	yes	--		-Ok-
78.	Alumni funded the department (if any)	yes	09.05.2018	Dr.K.Ravi, IIT Roorkee, Rs. 10000/- towards GATE-18 Toppers 1 st , 2 nd and 3 rd Prizes	-Ok-
79.	MoUs signed /Collaborations established	Yes		Info Mile- 11 th July 2017 Grafix Engg. Consultants-13 th Aug 2017 Navayuga Power-11 th Sep 2017 LEAD-15 th Sep 2017 TPSC- 13 th Nov 2017.	-Ok-
80.	Any other Department Achievements (not covered above)	NIL	NIL	1. Installation of 350KLD Sewage Treatment Plant(Mission GO GREEN) 2. MOU with GWMC & ICC 3.Industrial Consultancy Cell(ICC) 4. Research Centre under KU, WGL 5. IGBC Student Chapter	-Ok-



Best Practices of the Department

1. Department of Civil Engineering Publishes two newsletters per year. ✓
2. Department of Civil Engineering Publishes two technical magazines per year among which AAKRUTHI a student technical magazine is exclusively published by the students of civil engineering. ✓
3. Faculty of Civil Engineering encourages students to attend conferences and publish technical papers. ✓
4. Department of civil engineering monitors each and every final year student in Major project hours and helps in completing the project in time ✓
5. Department of Civil Engineering organizes Parents meet with the parents of students who have Backlogs and shortage of Attendance and helps them get through. ✓
6. Every week there will be a guest lecture from prominent people in the society during Civil Engineering Association Hour (Every Monday- 12:05pm to 1:05pm) ✓
7. Faculty of Civil Engineering impart awareness and social responsibility to students (explaining about social mingling, environmental hazards, pollution control like no use of Plastics in day to day life) as a part of regular Academic schedule. ✓
8. Mission Go Green Initiative- Sewage Treatment plant is Designed and Executed by the Faculty of Civil Engineering. (Dr.L.Sudheer Reddy Dean P&E, Professor and Head of the Dept.) ✓
9. The Students publish their research work with faculty in peer reviewed and UGC Listed Journals. ✓
10. The Faculty and Students of Civil Engineering are trained such that less resources are utilized in their activities (using minimum lights and Fans in classes and staff rooms, switching off Lights and Fans when not in use, avoiding plastic goods etc.) ✓



SWOC Analysis of the Department

Strengths: Industrial Consultancy Cell- Civil Engineering is a jewel in the college providing services to public and private sector and generating revenue to the college.

- Mission Go Green initiation and implementation from the department ✓
- Ethical and dedicated faculty, Most of the faculty in the department are Alumni of the college. ✓
- Spacious laboratories with all equipment ✓
- Culture of encouraging faculty to go beyond the syllabus, and students to work things out independently; ✓
- Culture of encouraging our best students to stay within academics and research. ✓
- Culture of encouraging research in students by giving Best Student Project awards. ✓
- Frequent Industry interaction with students, Field visits and practical and application oriented teaching. ✓
- Diversity in teaching - providing guest lecturers from prominent people like NITs, IITs etc. ✓
- Conducting National level Technical symposia and conferences every year to encourage research and skills among students and faculty. ✓



Weaknesses:

- Contents beyond the syllabus is minimal. ✓
- Only 5 People out of 24 has Ph.D. ✓
- Mostly chalk and blackboard teaching is done. ✓
- Contribution of project outcomes to conferences is few. ✓

Opportunities:

- (i) Changing syllabus to make it more flexible and modern; ✓
- (ii) improving computational facilities; ✓
- (iii) introducing undergraduate research; ✓
- (iv) encouraging research by faculty members; ✓
- (v) using online resources to supplement traditional teaching methods. ✓

Challenges:

- (i) Effectively teaching a heterogeneous group of students; ✓
- (ii) keeping students focused in the face of increasing competition in every sphere; ✓
- (iii) providing useful career advice to students; ✓
- (iv) ensuring that all students graduate with the competence and maturity expected of an educated person in society. ✓



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DEPARTMENT OF Civil Engineering

Short Term Goals of the Department	
Goal	Action Plan
To strengthen Industry relationship for exposing students to practical aspects and field practices associated with construction industry.	- Industry visits - Internships - Industry in house training
To improve teaching learning process of the faculty by conducting /participating in AICTE/UGC/self sponsored seminars in the department.	By conducting One FDP's/ Seminar per year.
Stage wise Modernization of labs.	To modernize Soil Mechanics, Geology, MT lab by replacing old equipment.
To inculcate professional ethics among the students by forming groups to address societal issues.	Swatch Bharath summer internships. Forming Road Safety Groups in association with IRSC (Indian Road Safety Campaign.)
Long Term Goal of the Department	
- Transforming instruction process through blended class room teaching. 70% of the faculty to acquire Ph.D. degrees by 2025. - To establish central of excellence in emerging fields of Civil Engineering like Nano materials, Bio Engineering etc.,	- Digitalizing the class rooms, laboratories and developing curriculum near to industry. - Encouraging the faculty to pursue Ph.D. - To encourage faculty in conducting research on Nano materials, Bio engineering etc.,



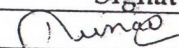
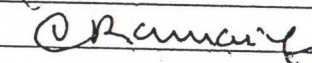
Overall Suggestions / Remarks by Department Academic Audit Committee Members:

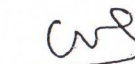
1. Faculty & Students Enrolment of online courses to be initiated for continues learning
2. Faculty to be encouraged for winning awards
3. Students to be encouraged to participate & win prizes in Academic / Cultural / Sports activities in other Institutes
4. Faculty Workshops & FDPs to be conducted an Annual Basis for continues learning
5. More research proposals to be submitted for receiving grants from funding agencies

Date of Academic audit: 12.09.2018

Name & Signature of HoD: 

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1.	Prof.P.Venkateswara Rao	Professor, Dept of Mech. Engg.	
2.	Prof.V.Ramaiah	Professor & Head, Dept of EEE	

Name & Signature of Academic Audit Committee Convenor: Dr. C. Venkatesh 
14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. Ashoka Reddy 
14/9/18



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
(An Autonomous Institute under Kakatiya University, Warangal, T.S.)
DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

Please fill the following information:

Date: ¹²~~11~~.09.2018

Name of the Department	Mechanical Engineering
Head of the Department	Dr. K. Eswaraiah, Professor & Head
Department Advisory Committee (DAC)	Dr. K. Eswaraiah, Professor & Head Dr. K. Sridhar, Professor Prof. R. Ravinder Rao, Professor Dr. K. Raja Narendra Reddy, Professor Dr. P. Srikanth, Professor Dr. G. Ganesh Kumar, Associate Professor Dr. U. Shrinivas Balraj, Associate Professor Sri P.S.S. Murthy, Assistant Professor

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech - Mechanical Engineering	I	180	167	--	Yes	File No: 11-76/2010/NBA, 04.02.2017, 3 Years
		II	120 + 24 = 144	143	--	Yes	File No: 11-76/2010/NBA, 04.02.2017, 3 Years
		III	120 + 24 = 144	135	--	Yes	File No: 11-76/2010/NBA, 04.02.2017, 3 Years
		IV	120 + 24 = 144	134	--	Yes	File No: 11-76/2010/NBA, 04.02.2017, 3 Years
PG	M.Tech - Design Engineering	I	24	21	--	No	--
		II	24	21	--	No	--
Ph.D.	Research Center Recognized Under KU	-	-	11	--	No	--



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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DEPARTMENT OF MECHANICAL ENGINEERING

B. Faculty Information:

1.	Total Faculty in the Department	35
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	13
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	18
4.	No. of Faculty identified for PG (considering fractional load)	04
5.	Faculty : Student ratio (FSR) for UG	1:23 (146+139+134/18)
6.	Faculty : Student ratio (FSR) for PG	1:12
7.	Faculty Cadre Ratio:	
	(i) No. of Professors	06
	(ii) No. of Assoc. Prof.	02
	(iii) No. of Asst. Prof.	27
	(iv) Faculty Cadre Ratio =	6:2:27
8.	Faculty Qualification:	
	(i) No. of Faculty with Ph.D.	09
	(ii) No. of Faculty with M.Tech/MBA	26
	(iii) No. of Faculty with B.Tech/MCA/MSc	--
9.	No. of faculty pursuing Ph.D.	14
10.	No. of faculty with degrees from IITs/NITs	09
11.	No. of faculty with degrees from Universities abroad	01
12.	No. of faculty identified as Research Supervisors by various Universities	06



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DEPARTMENT OF MECHANICAL ENGINEERING

C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added	No			
2.	No. of UG Laboratories	--	--	13 (Reference File Name: AA-C2)	✓
3.	No. of PG Laboratories	--	--	02 (Reference File Name: AA-C2)	✓
4.	New laboratories added	No	--	--	✓
5.	Total cost of equipment in all laboratories	--	--	(Reference File Name: AA-C2)	✓
6.	Cost of newly added equipment	Yes	09.09.2017	Rs. 88,500 (Reference File Name: AA-C2)	✓
7.	Curriculum revision done	Yes	--	--	✓
8.	Survey taken from stakeholders on syllabus revision or course content	Yes	--	(Reference File Name: AA-C3)	✓
9.	Action taken report prepared on stakeholders feedback	Yes	--	(Reference File Name: AA-C3)	✓
10.	Survey reports available on website	No	--	--	
11.	Board of Studies meeting conducted	(No) YES	--	--	
12.	Syllabus is approved by Academic Council	Yes	26.06.2018	(Reference File Name: AA-C3)	Copy missed ✓
13.	UG Workload allotted to faculty	Yes	Odd sem	12.07.2017	Avg. work load: 637/31=20.54 Faculty required: 31 Faculty existing: 31 (Reference File Name: AA-C4) Not signed
			Even Sem	01.01.2018	
14.	PG Workload allotted to faculty	Yes	Odd Sem	11.09.2018	Avg. work load: 46/04=11.5 Faculty required: 04 Faculty existing: 04 (Reference File Name: AA-C4) Sincerely missed
			Even Sem	29.01.2018	
15.	Faulty Recruited	Yes	01.06.2017	No. of faculty recruited: (15) (Reference File Name: AA-C4)	✓

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16.	Calendar for Dept. Association activities prepared	Yes	18.07.2017	(Reference File Name: AA-C5) ✓	✓
17.	Regular counselling of students is done	Yes	--	(Reference File Name: AA-C6) ✓	✓
18.	Teaching schedules are uploaded into CMS before commencement of class work	Yes	Odd sem 12.07.2017 Even Sem 02.01.2018	(Reference File Name: AA-C7)	No separate file
19.	Assignments are posted timely into CMS as per teaching schedule	Yes	--	Posting of assignment as per lecture schedule (Reference File Name: AA-C7)	✓
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	Yes	--	As per Lecture Schedule (Reference File Name: AA-C7)	✓
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	Yes	--	Course Committee meeting will frequently conducted by course coordinator (Reference File Name: AA-C8)	✓
22.	Action taken report is prepared on CCMs conducted	Yes	--	(Reference File Name: AA-C8)	✓
23.	Online feedback taken from students before MSE-I	Yes	--	(Reference File Name: AA-C9)	✓
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	Yes	--	(Reference File Name: AA-C9)	✓
25.	Action taken report is prepared on CRC-I meetings conducted	Yes	--	(Reference File Name: AA-C9)	✓
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	Yes	--	(Reference File Name: AA-C10)	✓
27.	Action taken report prepared on CRM-I meetings conducted	Yes	--	(Reference File Name: AA-C10)	✓
28.	Student Progress report sent to parents after MSE-I	Yes	--	(Reference File Name: AA-C11) ✓	✓
29.	Remedial classes conducted as per timetable	Yes	--	(Reference File Name: AA-C12) ✓	✓



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30.	Online feedback taken from students before MSE-II	No	--	Offline Feedback (Reference File Name: AA-C9)	✓
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes	--	(Reference File Name: AA-C9) ✓	✓
32.	Action taken report is prepared on CRC-II meetings conducted	Yes	--	(Reference File Name: AA-C9) ✓	✓
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	Yes	--	(Reference File Name: AA-C10)	✓
34.	Action taken report is prepared on CRM-II meetings conducted	Yes	--	(Reference File Name: AA-C10)	✓
35.	Dossier is prepared for students having shortage of attendance	Yes	13.04.2018	(Reference File Name: AA-C11) ✓	✓
36.	Any student detained due to shortage of attendance	Yes	21.04.2018	(Reference File Name: AA-C11) ✓	✓
37.	Makeup classes are arranged for students writing supplementary exams	Yes	--	(Reference File Name: AA-C12) ✓	✓
38.	Faculty is using ICT based teaching	Yes	--	(Reference File Name: AA-C13) ✓	✓
39.	Additional teaching material (Handouts) are given to students	Yes	--	(Reference File Name: AA-C13) ✓	✓
40.	NPTEL lectures screened	Yes	--	(Reference File Name: AA-C13) ✓	✓
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	Yes	--	(Reference File Name: AA-C13) ✓	✓
42.	Result analysis after ESE evaluation:				
	(i) CO, PO Direct attainments are calculated	Yes	--	Direct attainment:	✓
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	Yes	--	(Reference File Name: AA-C14) <i>completed</i>	✓
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment	Yes	--	(Reference File Name: AA-C14)	✓



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	(i) Exit survey	Yes	--			
	(ii) Parent survey	Yes	--			✓
	(iii) Alumni survey	Yes	--			✓
	(iv) Recruiter survey	Yes	--			✓
44.	Indirect attainment of PO & PSO is calculated	Yes	--		Indirect attainment: (Reference File Name: AA-C14)	✓
45.	Overall attainment of PO & PSO is calculated	Yes	--		(Reference File Name: AA-C14)	✓
46.	Workshops/FDPs are conducted for faculty	Yes	26.02.2018 to 05.03.218	FDP on Engineering Drawing (Reference File Name: AA-C15)	✓	✓
47.	Faculty participated in Workshops/FDPs etc.,	Yes	--	(Reference File Name: AA-C15)	✓	✓
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	No	--	--		
49.	Faculty published in Refereed journals	Yes	--	International: 46 National:-- (Reference File Name: AA-C16)	✓	✓
50.	Faculty published in Conference proceedings	Yes	--	International:16 National:08 (Reference File Name: AA-C16)	✓	✓
51.	Faculty attended conferences for paper presentation	Yes	--	International:05 National:03 (Reference File Name: AA-C16)	✓	✓
52.	Faculty won awards (including best research paper award)	No YES	--	-- kishore, ch. koravilakshmi I can spot award for SAE.	✓	✓
53.	Faculty Research proposals (Total cost in lakhs)		(Reference File Name: AA-C18)			
	(i) Prepared	Yes	01.12.2017	Number: 03	Amount: Rs. 44,65,623=00	✓
	(ii) Submitted to Govt. agencies	Yes	02.12.2017	Number: 03	Amount: Rs. 44,65,623=00	✓
	(iii) Sanctioned by Govt. agencies	-	-	Number:	Amount:	✓
	(iv) Submitted to Non-Govt. agencies	-	-	Number:.	Amount:	
	(v) Sanctioned by Non-Govt. agencies	-	-	Number:	Amount:	
	(vi) Total Sanctioned	-	-	Number:	Amount:	



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	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.)			Reference File Name: AA-C18)	
	(i) Prepared	--	--	Number:	Amount:
54.	(ii) Submitted	--	--	Number:	Amount:
	(iii) Total Sanctioned	--	--	Number:	Amount:
55.	Consultancy projects undertaken	Yes	--	Number: 01 Amount: Rs. 9400/-	(Reference File Name: AA-C19)
56.	Any other Faculty achievements (not covered above)	No	--	--	
57.	Workshops/Seminars are conducted for students	Yes	12.10.2017	Number: 01	(Reference File Name: AA-C20)
58.	Interactive sessions are arranged with alumni	Yes	--	Number: 10	(Reference File Name: AA-C20)
59.	Students participated in academic activities at other institutes	Yes	--	Number:	(Reference File Name: AA-C21)
60.	Students won Prizes in academic activities at other institutes	Yes	--	Number: 17 Amount (if any): Rs. 5000/-	(Reference File Name: AA-C21)
61.	Students participated in cultural activities at other institutes	Yes	--	Number:	(Reference File Name: AA-C22)
62.	Students won Prizes in cultural activities at other institutes	Yes	--	Number: Amount (if any):	(Reference File Name: AA-C22)
63.	Students participated in sports activities at other institutes	Yes	--	Number:	(Reference File Name: AA-C22)
64.	Students won Prizes in sports activities at other institutes	Yes	--	Number: Amount (if any):	(Reference File Name: AA-C22)
65.	Students undergone internships	Yes	--	Number: 72	(Reference File Name: AA-C23)
66.	Students won "Best student project award"	No	--	Number: Amount (if any):	
67.	Any Innovations by students	Yes	--	SAE INDIA Collegiate Club Activities (Reference File Name: AA-C23)	
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	No	--		



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69.	Start-ups are incubated on campus	No	--		
70.	Students Placements				
	No. of students eligible for placements	105	--	(Reference File Name: AA-C25) ✓	✓
	No. of students registered for T&P activity	105	--	(Reference File Name: AA-C25) ✓	✓
	No. of students placed	33	--	(Reference File Name: AA-C25) ✓	✓
	No. of students joined for Higher Education	--	--	M.S. Abroad: M.Tech.: MBA: } No details	file not prepared
	No. of students secured Jobs in PSUs	--	--		
	No. of student Entrepreneurs	--	--		
71.	Other student achievements(not covered above)	No	--		
72.	Newsletters released				
	(i) Odd semester	Yes	--	(Reference File Name: AA-C26) ✓	✓
	(ii) Even semester	Yes	--	(Reference File Name: AA-C26) ✓	✓
73.	Yearly Magazine released			(Reference File Name: AA-C26) ✓	✓
74.	Self Appraisal reports (PBAS) are submitted by faculty	Yes	20.06.2018	(Reference File Name: AA-C26) ✓	✓
75.	Self Appraisal reports are submitted by Non-teaching staff	Yes	22.06.2018	(Reference File Name: AA-C27) ✓	✓
76.	Department Advisory Committee (DAC) meetings are held regularly	Yes	--	Department Advisory committee meetings are held at least three times in a Semester. (Reference File Name: AA-C27) ✓	✓
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	Yes	--	(Reference File Name: AA-C28) ✓	✓
78.	Alumni funded the department (if any)	No	--		
79.	MoUs signed / Collaborations established	No	--		
80.	Any other Department Achievements (not covered above)	No	--	file not prepared ✓	✓



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Best Practices of the Department

A) Society for Automotive Engineers (SAE) India KITS Collegiate Club:

- SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students
- Established this club in the Year 2008 to expose students to various technical aspects of Automobile Industry.
- Designed All Terrain Vehicles under SAE BAJA Competitions.
- Participated Virtual BAJA Competitions.
- Bagged Eight Prizes at National Level in last decade.

B) Frequent interaction of prominent alumni (Entrepreneurs / scientists / academicians / businessmen) with students under MESA.

SWOC Analysis of the Department

Strengths:

1. Well qualified and experienced faculty with doctoral degrees.
Good publications of faculty in reputed journals.
Average teaching experience of faculty is
PhD completed - 10
PhD pursuing - 14
M.Tech. completed - 11
Senior Professors - 06
2. Department is equipped with 13 Laboratories including Central Workshop and separate CAD/CAM lab with necessary software and fairly good experimentation facilities
3. Recognition of Research center by Kakatiya University, Warangal
4. Accomplished and well settled alumni in various domains in India and abroad
5. Skilled and experienced supporting staff
6. Conduction of various activities like workshops, technical symposium, co-curricular activities by MESA for students.
7. Students bagged All India first rank in GATE and several ranks in various competitive exams.



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Weakness:

1. Advanced laboratories with high end equipment
2. Lack of advanced research facilities
3. Less funding for research activities
4. Conduction of sponsored workshops/seminars/conferences etc.

Opportunities:

1. Designing and offering new disruptive and industry oriented courses and laboratories.
2. Strengthening of advanced research facilities
3. More Project proposals to UGC, DST, AICTE and other funding agencies
4. More placements in core industries
5. Skill development courses/programs for students

Challenges:

1. Quality of intake students and large variation in ranks of the students.Trend towards admission in circuit branches.
2. Compete with premier institutes in research and technical education
3. Allotment of central and state funds to private institutes
4. Industrial consultancy and industrial development
5. Socio-economic development of this region



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Short Term Goals of the Department	
Short term goal 1: Establishment of AutoCAD center (workstations) to cater the needs of the first year engineering drawing course	Action Plan: the Proposal for establishment of CAD laboratory is initiated and submitted to the principal. The proposal is in pipe line.
Short term goal 2: Establishment of Robotics club	Action Plan: Identification of equipmet of Robotics like pick and place robots, automatic material handling system etc.
Short term goal 3: To organize the international conference in this year	Action Plan: the Proposal for conduction of international conference is initiated and approved.
Short term goal 4: Establishment of center of excellence laboratory	Action Plan: identification of equipment required for establishing research center and procuring them.
Long Term Goal of the Department	
Long term goal: • Establishment of COMPOSITE MATERIALS laboratory • Establishment of ROBOTICS laboratory • Establishment of ADDITIVE MANUFACTURING laboratory Action Plan: identification of equipment is being done for for above laboratories.	



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Overall Suggestions / Remarks by Department Academic Audit Committee Members:

All the files have been verified and found as per given
format
Proofs of some files are not submitted and requested them to add.

Date of Academic audit: 12.09.2018

Name & Signature of HOD: Prof. K. ESWARAJI

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1.	Dr. P. Nirajan	Professor & Head, CSED	
2.	Dr. A. Srihari Rao	Professor, M&H	

Name & Signature of Academic Audit Committee Convenor: Prof. C. Venkatesh, Dean, Academic Affairs

Name & Signature of Academic Audit Committee Chairman: Prof. K. Ashoka Reddy, Principal



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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-2018

12
Date: 10.09.2018

Name of the Department	Electronics & Instrumentation Engineering
Head of the Department	Dr.K.Sivani
Department Advisory Committee (DAC)	Dr. K.Sivani, Professor & Head ----Chairperson Smt.M.Sreelatha, Professor ---- Convener Smt. R.Nirmala Devi, Assoc. Professor ---Member Sri O.Anjaneyulu, Assoc. Professor ----Member Sri M.Raghu Ram, Assoc. Professor ----Member Dr. K.Venu Madhav, Assoc. Professor ---Member

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech -	I	60	49	--	YES	Provisionally accredited for 03 years w.e.f. 01.07.2018 F. No. 11-76/2010/NBA dated 29.03.2018
		II	60+12	55+12=67	--		
		III	60+12	55+12=67	--		
		IV	60+12	39+11=50	--		
PG	M.Tech -	I	18	18	--	NO	NA
		II	18	12	--		
Ph.D.			02/Supervisor/year	04	--	NA	NA

Summ audit



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B. Faculty Information:

1.	Total Faculty in the Department	16	✓
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	03	✓
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	10	✓
4.	No. of Faculty identified for PG (considering fractional load)	03	✓
5.	Faculty : Student ratio (FSR) for UG	1:16.6	✓
6.	Faculty : Student ratio (FSR) for PG	1:12	✓
7.	Faculty Cadre Ratio:		
	(i) No. of Professors	02	✓
	(ii) No. of Assoc. Prof.	04	✓
	(iii) No. of Asst. Prof.	10	✓
	(iv) Faculty Cadre Ratio =	2:4:10	✓
8.	Faculty Qualification:		
	(i) No. of Faculty with Ph.D.	03	✓
	(ii) No. of Faculty with M.Tech/MBA	13	✓
	(iii) No. of Faculty with B.Tech/MCA/MSc	Nil	✓
9.	No. of faculty pursuing Ph.D.	07	✓
10.	No. of faculty with degrees from IITs/NITs	04	✓
11.	No. of faculty with degrees from Universities abroad	Nil	✓
12.	No. of faculty identified as Research Supervisors by various Universities	01	✓



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C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES/NO	Date	Remarks by Department	File No.	Remarks by Audit Committee
1.	New programs added	Nil	--	--	AA_C1	--
2.	No. of UG Laboratories	10	--	--	AA_C2	--
3.	No. of PG Laboratories	02	--	Two Laboratories are shared by UG and PG programs		
4.	New laboratories added	02	June 2017	Virtual Instrumentation Laboratory/Biomedical Instrumentation Laboratory		
5.	Total cost of equipment in all laboratories	Rs1,21,51,578	--	List enclosed		
6.	Cost of newly added equipment	Rs16,37,841	--	List enclosed		
7.	Curriculum revision done	Yes	2014-15	2014 Batch were in final year in 2017-18 (Revised curriculum w.e.f 2014-15)	AA_C3	
8.	Survey taken from stakeholders on syllabus revision or course content	Yes	2017-2018	Feedback forms enclosed		
9.	Action taken report prepared on stakeholders feedback	Yes	14.07.2018	Report enclosed		
10.	Survey reports available on website	No	--	Action taken report of 2017-2018 syllabus revision is sent to web i/c for uploading.		
11.	Board of Studies meeting conducted	Yes	--	Enclosed		
12.	Syllabus is approved by Academic Council	Yes	--	Minutes enclosed.		
13.	UG Workload allotted to faculty	Yes	--	Avg. work load: 202/13=15.5	AA_C4	



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				Faculty required: 202/15=13.5 Faculty existing: 13		✓
14.	PG Workload allotted to faculty	Yes	--	Avg. work load: 28/03=9.3 Faculty required: 28/15=1.9 Faculty existing: 03		✓
15.	Faulty Recruited	Yes	--	No. of faculty recruited: 01		✓
16.	Calendar for Dept. Association activities prepared	Yes	--	Calendar enclosed <i>Report enclosed</i>	AA_C5	Appointment letter to be added ✓
17.	Regular counselling of students is done	Yes	--	Sample reports enclosed	AA_C6	✓
18.	Teaching schedules are uploaded into CMS before commencement of class work	Yes	--	Teaching schedules enclosed	AA_C7	✓
19.	Assignments are posted timely into CMS as per teaching schedule	Yes	--	Assignments are posted onto CMS as per teaching schedule		✓
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	Yes	--	Regular department meetings are held to ensure timely posting of TS, Assignments and marks		✓
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	Yes	--	CCM minutes are enclosed	AA_C8	✓
22.	Action taken report is prepared on CCMs conducted	Yes	--	Report enclosed		✓
23.	Online feedback taken from students before MSE-I	Yes	--	Report enclosed	AA_C9	✓
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	Yes	--	CRC-1 meeting minutes are enclosed		✓
25.	Action taken report is prepared on CRC-I meetings conducted	Yes	--	Report enclosed		✓
26.	Course Review meeting (CRM-I)	Yes	--	CRM minutes are enclosed	AA_C10	✓



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	conducted after MSE-I by HoD for courses of B.Tech II, III & IV year					✓
27.	Action taken report prepared on CRM-I meetings conducted	Yes	--	Report enclosed	AA_C20	✓
28.	Student Progress report sent to parents after MSE-I	Yes	--	① Progress reports were sent to parents through <u>registered</u> post after Mid Semester Exams. ②	AA_C11	✓
29.	Remedial classes conducted as per timetable	Yes	--	Timetables enclosed	AA_C12	✓
30.	Online feedback taken from students before MSE-II	Yes	--	Proof enclosed	AA_C9	✓
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes	--	CRC-2 meeting minutes are enclosed		✓
32.	Action taken report is prepared on CRC-II meetings conducted	Yes	--	Report enclosed		✓
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	Yes	--	CRM -II minutes are enclosed	AA_C10	✓
34.	Action taken report is prepared on CRM-II meetings conducted	Yes	--	Report enclosed		✓
35.	Dossier is prepared for students having shortage of attendance	Yes	--	Sample enclosed	AA_C11	✓
36.	Any student detained due to shortage of attendance	Yes	21.04.2018	B.Tech II Sem B17EI029-Dua Khan		✓
				B.Tech IV Sem B16EI006-P.VamshiKrishna		✓
				B.Tech IV Sem B15EI059-L.ManojKumar		✓
37.	Makeup classes are arranged for students writing supplementary exams	Yes	--	Timetable enclosed	AA_C12	✓



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38.	Faculty is using ICT based teaching	Yes	--	List enclosed	AA_C13	✓
39.	Additional teaching material (Handouts) are given to students	Yes	--	Handouts are uploaded for every course in CMS. Soft copies are available		✓
40.	NPTEL lectures screened	Yes	--	List enclosed		✓
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	Yes	--	List enclosed		✓
Result analysis after ESE evaluation:						
42.	(i) CO, PO Direct attainments are calculated	Yes	--	Direct attainment:	AA_C14	✓
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	Yes	--	Enclosed		✓
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment	--	--	Enclosed		
	(i) Exit survey	Yes	--	Sample enclosed		
	(ii) Parent survey	Yes	--	Sample enclosed		
	(iii) Alumni survey	Yes	--	Sample enclosed		
	(iv) Recruiter survey	Yes	--	Sample enclosed		✓
44.	Indirect attainment of PO & PSO is calculated	Yes	--	Indirect attainment:		✓
45.	Overall attainment of PO & PSO is calculated	Yes	--	Copy enclosed		✓
46.	Workshops/FDPs are conducted for faculty	No	--	Approval was taken to organize FDP in Feb,18, but was postponed	AA_C15	✓
47.	Faculty participated in Workshops/FDPs etc.,	Yes	--	Number: - 11		✓
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	NO	--	--		✓
49.	Faculty published in Refereed journals	Yes	--	International: 05 International: 04 (Book Chapters)	AA_C16	✓



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50.	Faculty published in Conference proceedings	Yes	--	International: 02 National:--	AA_C17	
51.	Faculty attended conferences for paper presentation	No	--	International:-- National:--		
52.	Faculty won awards (including best research paper award)	No	--	--		
53.	Faculty Research proposals (Total cost in lakhs)					
	(i) Prepared	Yes	--	Number:: 03 Amount:: Rs 33,50,000	AA_C18	
	(ii) Submitted to Govt. agencies	Yes	--	Number: 1 (RPS) + 1 (STTP) + 1 (CONF) Amount:		
	(iii) Sanctioned by Govt. agencies	--	--	Number: -- Amount:--		
	(iv) Submitted to Non-Govt. agencies	--	--	Number: -- Amount:--		
	(v) Sanctioned by Non-Govt. agencies	--	--	Number-- Amount:--		
	(vi) Total Sanctioned	--	--	Number:-- Amount:--		
54.	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.)					
	(i) Prepared	YES	--	Number: 02 Amount:: Rs7,80,000	AA_C18	
	(ii) Submitted	--	--	Number: -- Amount:		
	(iii) Total Sanctioned	--	--	Number:-- Amount:--		
55.	Consultancy projects undertaken	Yes	March 2017	Number: 02 (Ongoing) Amount:: Rs 2Lacs+ Rs1.75Lacs	AA_C19	
56.	Any other Faculty achievements (not covered above)	Yes	24.04.2018	Dr.K.Venu Madhav taking part in Artificial Heart Indo-American Project	AA_C17	
57.	Workshops/Seminars are conducted for students	YES	--	Number: 01	AA_C20	



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58.	Interactive sessions are arranged with alumni	YES	--	Number: 04		
59.	Students participated in academic activities at other institutes	YES	--	Number: - 31	AA_C21	
60.	Students won Prizes in academic activities at other institutes	NO	--	Number:-- Amount (if any):--		
61.	Students participated in cultural activities at other institutes	NO	--	Number:--	AA_C22	
62.	Students won Prizes in cultural activities at other institutes	NO	--	Number:-- Amount (if any):--		
63.	Students participated in sports activities at other institutes	NO	--	Number:--		
64.	Students won Prizes in sports activities at other institutes	NO	--	Number:-- Amount (if any):--		
65.	Students undergone internships	YES	--	Number:--	AA_C23	
66.	Students won "Best student project award"	YES	--	Number: 01 Certificate is to be awarded	AA_C21	
67.	Any Innovations by students	NO	--	--	AA_C24	
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	NO	--	--	AA_C23	
69.	Start-ups are incubated on campus	NO	--	--	AA_C24	
70.	Students Placements					
	No. of students eligible for placements	48	Academic year 2017-18	--	AA_C25	
	No. of students registered for T&P activity	37		List enclosed		
	No. of students placed	18		List enclosed		
	No. of students joined for Higher Education	02		M.S. Abroad:--01 M.Tech.: -- MBA: --		
	No. of students secured Jobs in PSUs	03		G.Vydik IOCL 2013-17 Batch P.Suchithra HPCL 2013-17 Batch		



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				Roop Bharath HPCL 2013-17 Batch		
	No. of student Entrepreneurs	--				
71.	Other student achievements(not covered above)	--	--	--	AA_C24	
72.	Newsletters released					
	(i) Odd semester	Yes	July 2017	Copy Enclosed	AA_C26	
	(ii) Even semester	Yes	Jan 2018	Copy Enclosed		
73.	Yearly Magazine released	Yes	Dec 2017	Copy Enclosed		
74.	Self Appraisal reports (PBAS) are submitted by faculty	Yes	June 2018	Submitted to Est. Section	AA_C27	
75.	Self Appraisal reports are submitted by Non-teaching staff	Yes	June 2018	Submitted to Est. Section		
76.	Department Advisory Committee (DAC) meetings are held regularly	Yes	15.11.2017 15.12.2017 03.07.2017 04.10.2017 07.03.2018	Copy of minutes enclosed	AA_C28	
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	Yes	--	List Enclosed	AA_C29	
78.	Alumni funded the department (if any)	Yes	--	List Enclosed		
79.	MoUs signed /Collaborations established	Yes	--	Collaboration with NI	AA_C30	
80.	Any other Department Achievements (not covered above)	Yes	--	Approval was taken to start "NI LabVIEW Academy" as Centre of Excellence		



Best Practices of the Department (File Name AA_DD)

- Strong student mentoring system
- Department News Letter and Magazine are published biannually
- College Management System to monitor student attendance and performance
- Group learning is encouraged through various activities of E & I Engg Association
- Student internships are encouraged
- Frequent alumni interactions and expert lectures are arranged
- Students are trained in core areas to support placement drives
- Students are encouraged to take up projects related to social concern
- Certification courses are regularly offered by the department under centre of excellence-NI LabVIEW Academy
- Higher education assistance is provided to students
- Additional measures to improve the performance of weak learners
- Separate counseling for girl students
- Regular industrial visits are arranged
- Workshops and FDPs are organized on emerging fields of engineering
- Technical and cultural FESTs are organized annually
- Students are encouraged to enroll in NCC/NSS and various professional bodies
- Various technical events are organized under IEEE/IETE/ISTE student



SWOC Analysis of the Department (File Name AA_DD)

Strengths:

- The Department has a "Research Center" recognized by the Kakatiya University, Warangal and runs a doctoral programme leading to Ph.D degree.
- Research Scholars are working in various diversified fields of Electronics and Instrumentation Engineering, such as Virtual Instrumentation, Biomedical instrumentation, Signal Processing, VLSI and Embedded Systems, etc.
- Department has state of the art laboratories such as Virtual and Bio medical Instrumentation Lab, Electronic-CAD Lab, Process Control Lab, Microprocessors and Microcontrollers Lab, etc.
- B.Tech. program is accredited by the National Board of Accreditation (NBA), New Delhi.
- The department has strong support from Alumni, working in various premier institutes and top class industries. EIE alumni have funded Project works laboratory of the department for a worth of 8 lakhs. Prominent Alumni include:
 - Dr. V. Ramgopal Rao (Batch 1982-86), Professor & Head, Nanotechnology division, IITB, Bombay
 - Sri Ashuthosh Rana (Batch 1981-85), Founder & CEO, ACTIFIO. Inc, Hyderabad
 - Dr. T. K. Sai (Batch 1982-86), DGM (Operations), NTPC, Ramagundam
- The Department has highly qualified, committed & experienced faculty and dedicated technical & supporting staff.
 - Faculty of the department has expertise in various diversified fields like Biomedical Instrumentation, Signal Processing, Embedded Systems and VLSI.
 - Faculty members are actively involved in research activities and have good number of research publications to their credit.



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Weakness:

- Majority of the students admitted into the UG program are from rural background with less exposure and poor communication skills.

Opportunities:

- The students have opportunities in Industries related to Power, Textiles, Cement, Petrochemicals, Pharmaceuticals, Chemical, Food processing, VLSI, Signal processing, Optical & Laser based communications, Wireless communications and Embedded Systems etc.
- Department faculty has wide scope for carrying research projects.

Challenges:

- Core placements and Higher Education in Electronics specialization and are the two major challenges faced by the department.

Short Term Goals of the Department (File Name AA_DD)

Short term goal 1: To establish centre of excellence, "NI LabVIEW Academy", in the department to train the UG students of EIE, ECE & EEE branches and PG students of DC & VLSI ES specializations.

Action Plan: To consult and negotiate with National Instruments for establishment of "NI LabVIEW Academy" as centre of excellence and prepare a detailed project proposal for approval of the management.

Short term goal 2: To strengthen research activity in the area of Biomedical signal processing and Instrumentation in collaboration with renowned educational institutes and specialized hospitals.

Action Plan: Research scholars and other faculty who are working in the area of Biomedical signal processing and Instrumentation are advised to identify and establish contact with renowned educational institutes and specialized hospitals and organize FDPs, Workshops



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Short term goal 3: Short term goal 2: To strengthen research activity in the area of VLSI in collaboration with renowned industries.

Action Plan: Research scholars and other faculty who are working in the area of VLSI are advised to identify and establish contact with relevant industry experts and organize FDPs, Workshops in the area of VLSI

Long Term Goal of the Department (File Name AA_DD)

Long term goal: To focus on more number of Research projects in collaboration with industries and Consultancy services.

Action Plan: To prepare good number of project proposals by taking the guidance of experts in the concerned fields and to approach Consultancy Services if required.

Head, Dept. Of E&I Engg



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Overall Suggestions / Remarks by Department Academic Audit Committee Members:

All the files as per the list are verified and found to be correct.
All the records and files are arranged systematically. and

Date of Academic audit: 12-09-2018

Name & Signature of HoD:

S. M. S. S. S. S. S.
DR. K. SIVANI

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1	Dr. K. V. S. Seshagiri Rao	Professor & HOD: Pss	<i>K. V. S. Seshagiri Rao</i>
1	Dr. S. G. Narayana Reddy	Professor of C&I Engg.	<i>S. G. Narayana Reddy</i>

Name & Signature of Academic Audit Committee Convenor:

Dr. C. VENKATESH

C. Venkatesh
14/9/18

Name & Signature of Academic Audit Committee Chairman:

Dr. K. Ashoka Reddy

K. Ashoka Reddy
14/9/18

All the files



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DEPARTMENT OF Electrical & Electronics Engineering

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

Please fill the following information:

18.09.2018
Date: 10.09.2018

Name of the Department	Electrical & Electronics Engineering
Head of the Department	Prof.V. Ramaiah
Department Advisory Committee (DAC)	1.Prof.V. Ramaiah 2.Dr.C.Venkatesh 3.Sri M.Narasimha Rao 4.Sri G.Rajender 5. 5.Sri B.Jagadish Kumar 6.Sri.P Nagarjuna Reddy

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech - Electrical and Electronics Engineering	I	120	120	--	YES	Three Years till 2019 File No:11-76-2010:NBA Dt:04-02-2017
		II	120 + 24 = 144	144	--	YES	
		III	120 + 24 = 144	144	--	YES	
		IV	120 + 24 = 144	143	--	YES	
PG	M.Tech -	I	18	18	--	NO	N/A
		II	18	18	--	NO	
Ph.D.	--	--	--	--	--	NO	

B. Aditya



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B. Faculty Information:

1.	Total Faculty in the Department	24
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	1.78
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	18.96
4.	No. of Faculty identified for PG (considering fractional load)	1.76
5.	Faculty : Student ratio (FSR) for UG	1:20.57
6.	Faculty : Student ratio (FSR) for PG	1:12
7.	Faculty Cadre Ratio:	
	(i) No. of Professors	02
	(ii) No. of Assoc. Prof.	03
	(iii) No. of Asst. Prof.	19
	(iv) Faculty Cadre Ratio =	2:3:19
8.	Faculty Qualification:	
	(i) No. of Faculty with Ph.D.	07
	(ii) No. of Faculty with M.Tech/MBA	24 17
	(iii) No. of Faculty with B.Tech/MCA/MSc	Nil
9.	No. of faculty pursuing Ph.D.	09
10.	No. of faculty with degrees from IITs/NITs	04
11.	No. of faculty with degrees from Universities abroad	Nil
12.	No. of faculty identified as Research Supervisors by various Universities	Nil

ph.D. Admission letters; progress work



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C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1. ✓	New programs added	NO	--		
2. ✓	No. of UG Laboratories	--	--	09 Labs	NIL
3. ✓	No. of PG Laboratories	YES	--	01 (Exclusive) + 2 (Shared)	OK
4. ✓	New laboratories added	YES	Dec.2017	01 new lab : RES lab has been approved and is in process(Approved File enclosed)	OK
5. ✓	Total cost of equipment in all laboratories	YES	--	Rs 95,10,276=00	OK
6. ✓	Cost of newly added equipment	YES	--	Rs 5,20,000=00(in the process) + 2,67,930/-	OK
7. ✓	Curriculum revision done	YES	11-06-2018&2014-15	BOS MOM is attached, URR-18&URR 14 attached	To be updated OK
8.	Survey taken from stakeholders on syllabus revision or course content	YES	2017-18	Survey taken from Students, Teachers, Alumni, Employers and Parents	OK
9. ✓	Action taken report prepared on stakeholders feedback	YES	May,2017	Students: 50 Teachers: 20 Alumni: 20 Employers: 06 Parents: 10	OK
10. ✓	Survey reports available on website	YES			
11. ✓	Board of Studies meeting conducted	YES	11-06-2018	BOS MOM is attached	The link is to be provided
12. ✓	Syllabus is approved by Academic Council	YES	26-06-2018	AC minutes Enclosed	OK
13. ✓	UG Workload allotted to faculty	YES	20-07-2018	Avg. work load: 16.16 Faculty required: 21 Faculty existing: 21	OK
14. ✓	PG Workload allotted to faculty	YES	20-07-2018	Avg. work load: 12 Faculty required: 03 Faculty existing: 03	OK



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15. ✓	Faulty Recruited	YES	2017-18	No. of faculty recruited:02	OK
16. ✓	Calendar for Dept. Association activities prepared	YES	13-09-2017	Dept. Association activities for academic year 2017-18	OK
17. ✓	Regular counselling of students is done	YES	--	Sample Reports attached	OK
18. ✓	Teaching schedules are uploaded into CMS before commencement of class work	YES		Teaching Schedules of UG and PG are attached in File AA_C7	OK
19. ✓	Assignments are posted timely into CMS as per teaching schedule	YES		Assignments of UG and PG are attached in File AA_C7	OK
20. ✓	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	YES		Course coordinators followed up with course teachers and discussed in CCM Reports enclosed in AA_C7	OK
21. ✓	Regular Course Committee meetings (CCM) are conducted by Course coordinator	YES	23/10/2017 12-07-2018 & 10-01-2018	Reports enclosed in AA_C8	12/07/2017 08/01/2018 OK
22. ✓	Action taken report is prepared on CCMs conducted	YES	12-07-2018 & 08/10-01-2018	Reports enclosed in AA_C8	OK
23. ✓	Online feedback taken from students before MSE-I	YES	21-08-2017 & 24-02-2018	Reports enclosed in AA_C9	OK
24. ✓	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	YES	14-09-2017, 20-03-2018	File AA_C9	OK
25. ✓	Action taken report is prepared on CRC-I meetings conducted	YES	15-09-2017, 20-03-2018	File AA_C9	To be strengthened
26. ✓	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	YES	05-10-2017	File AA_C10	OK
27. ✓	Action taken report prepared on CRM-I meetings conducted	YES	16-09-2017, 21-03-2018	File AA_C10	OK
28. ✓	Student Progress report sent to parents after MSE-I	YES	23-10-2017, 03-04-2018	B. Tech II, III and IV year students progress reports are sent to office for posting to parents	OK
29.	Remedial classes conducted as per timetable	YES	07-08-2017, 01-11-2018	File AA_C12	OK



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30. ✓	Online feedback taken from students before MSE-II	YES	28-10-2017, 21-04-2018	File AA_C9	O/K
31. ✓	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	YES	10-11-2017, 28-04-2018	CRC minutes in File AA_C9	O/K
32. ✓	Action taken report is prepared on CRC-II meetings conducted		10-11-2017, 28-04-2018	File AA_C9	To be strengthened
33. ✓	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	YES	01-05-2018 05-12-2017	File AA_C10	O/K
34. ✓	Action taken report is prepared on CRM-II meetings conducted	YES	05-12-2017 01-05-2018	File AA_C10	O/K
35. ✓	Dossier is prepared for students having shortage of attendance	YES	11-11-2017 21-04-2018	File AA_C11	O/K
36. ✓	Any student detained due to shortage of attendance	YES	11-11-2017 21-04-2018	File AA_C11	O/K
37. ✓	Makeup classes are arranged for students writing supplementary exams	YES	30-10-2017, 16-04-2018	File AA_C12	O/K
38. ✓	Faculty is using ICT based teaching	YES		File AA_C13	O/K
39. ✓	Additional teaching material (Handouts) are given to students	YES		Learning materials are uploaded in CMS by the Faculty.	O/K
40. ✓	NPTEL lectures screened	YES		File AA_C13	O/K
41. ✓	Advancements in relevant areas (<i>published in Conference proceedings / journal papers</i>) are discussed in class	YES		File AA_C13	O/K
Result analysis after ESE evaluation:					
42. ✓	(i) ✓ CO, PO Direct attainments are calculated	YES		Direct attainment: Enclosed in File AA_C14	O/K
	(ii) ✓ Gaps are identified & Action taken report is prepared and minutes are recorded	YES		File AA_C14	O/K
43. ✓	Survey is conducted for Indirect Assessment		--		O/K



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	of PO & PSO attainment				
	(i) Exit survey	YES		Number:94	o/c
	(ii) Parent survey	YES		Sample Enclosed	o/c
	(iii) Alumni survey	YES		Number:12	o/c
	(iv) Recruiter survey	YES		Sample Enclosed	o/c
44. ✓	Indirect attainment of PO & PSO is calculated	YES		Indirect attainment: Enclosed in File AA_C14	o/c
45. ✓	Overall attainment of PO & PSO is calculated	YES		File AA_C14	o/c
46. ✓	Workshops/FDPs are conducted for faculty	YES	22-27 th April 2019	Copy Enclosed in AA_C15	o/c
47. ✓	Faculty participated in Workshops/FDPs etc.,	YES		Number : 19, File AA_C15	o/c
48. ✓	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	NO	--	--	Faculty should be advised to take online course
49. ✓	Faculty published in Refereed journals	YES		International: 13 National: NIL, File AA_C16	o/c
50. ✓	Faculty published in Conference proceedings	YES		International: 15 National: NIL, File AA_C16	o/c
51. ✓	Faculty attended conferences for paper presentation	YES		International: 01 National: 01, File AA_C16	o/c
52. ✓	Faculty won awards (including best research paper award)	YES		Number : 01, File AA_C17	o/c
53. ✓	Faculty Research proposals (Total cost in lakhs)	Rs 1,55,13000=00		1,70,25,000=00	
	(i) Prepared	YES		Number: 05; Amount: 1,55,13000=00	o/c
	(ii) Submitted to Govt. agencies	No 74		Number: NIL; Amount: NIL, AA_C18	
	(iii) Sanctioned by Govt. agencies	No		Number: NIL; Amount: NIL NA	
	(iv) Submitted to Non-Govt. agencies	No		Number: NIL; Amount: NIL NA	
	(v) Sanctioned by Non-Govt. agencies	No		Number: NIL; Amount: NIL NA	
	(vi) Total Sanctioned			Number: NIL Amount: NIL	
54.	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.) Rs 15,00,000=00, AA_C18				



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	(i) Prepared	YES		Number: 01 ⁰² ; Amount : Rs 15,00,000=00	28,95,270=00 } o/c
	(ii) Submitted	YES		Number: 01 ⁰¹ ; Amount : Rs 15,00,000=00	
	(iii) Total Sanctioned			Number: NIL Amount: NIL	
55. ✓	Consultancy projects undertaken	YES		Number: 01 ✓ Amount: Enclosed in File AA_C19	o/c
56. ✓	Any other Faculty achievements (not covered above)	YES	24.04.2018	Dr A.Madhukar Rao Associated in AHIA Project, File AA_C17	o/c
57. ✓	Workshops/Seminars are conducted for students	YES	12-10-2017 ✓	Number:01, File AA_C20	o/c
58. ✓	Interactive sessions are arranged with alumni	YES		Number:02, File AA_C20	o/c
59. ✓	Students participated in academic activities at other institutes.	YES		Number: 01 ⁰² File AA_C21 21	o/c
60.	Students won Prizes in academic activities at other institutes	NO yes	--	Number:-- 08 Amount (if any):	o/c
61. ✓	Students participated in cultural activities at other institutes	YES	--	Number:02, File AA_C22	o/c
62. ✓	Students won Prizes in cultural activities at other institutes	NO	--	Number: NIL Amount (if any):	o/c
63. ✓	Students participated in sports activities at other institutes	YES		Number:20, File AA_C22	o/c
64. ✓	Students won Prizes in sports activities at other institutes	NO yes		Number: 01 Amount (if any):	o/c
65. ✓	Students undergone internships	YES		Number:141, File AA_C23	o/c
66. ✓	Students won "Best student project award"	YES		Number:02(Submitted Nominations) Amount (if any):, File AA_C21	o/c
67. ✓	Any Innovations by students	YES		File AA_C24	o/c
68. ✓	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	YES		File AA_C23 None	o/c
69. ✓	Start-ups are incubated on campus	NO			NIL
70. ✓	Students Placements				



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	No. of students eligible for placements	YES		Number: 113, List Enclosed, AA_C25	o/c
	No. of students registered for T&P activity	YES		Number: 93, List Enclosed, AA_C25	o/c
	No. of students placed	YES		Number: 30, List Enclosed, AA_C25	o/c
	No. of students joined for Higher Education	YES		M.S. Abroad: 01, AA_C25 M.Tech: 09 MBA: 02	o/c
	No. of students secured Jobs in PSUs	YES		Number: 01, AA_C25	o/c
	No. of student Entrepreneurs	--			
71. ✓	Other student achievements(not covered above)	YES		Other student achievements: Enclosed in File AA_C24	o/c
72. ✓	Newsletters released				
	(i) Odd semester ✓	YES	05-09-2017	Copy Enclosed in AA_C26	o/c
	(ii) Even semester ✓	YES	15-05-2018	Copy Enclosed in AA_C26	o/c
73. ✓	Yearly Magazine released	YES	18-08-2018 ✓	Copy Enclosed in AA_C26	o/c
74. ✓	Self Appraisal reports (PBAS) are submitted by faculty	YES	20-06-2018	PBAS filled in forms are submitted to Director, KITSW on 20/06/2018, AA_C27	o/c
75. ✓	Self Appraisal reports are submitted by Non-teaching staff	YES	21-05-2018	Self Appraisal forms are submitted to Director, KITSW on 21/05/2018, AA_C27	o/c
76. ✓	Department Advisory Committee (DAC) meetings are held regularly	YES	17-07-2017 ✓ 12-05-2018 ✓	Copies Enclosed in AA_C28	o/c
77. ✓	Alumni visited the department (not covered under Alumni interactive sessions above)	YES		Copy Enclosed in AA_C29	o/c
78. ✓	Alumni funded the department (if any)	NO			o/c
79. ✓	MoUs signed / Collaborations established	YES		Copy Enclosed in AA_C30	o/c
80. ✓	Any other Department Achievements (not covered above)	YES		Copy Enclosed in AA_C30	o/c



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DEPARTMENT OF Electrical & Electronics Engineering

Best Practices of the Department

Annexure Enclosed-

SWOC Analysis of the Department

Strengths: APPENDIX-I

Weakness: APPENDIX-I

Opportunities: APPENDIX-I

Challenges: APPENDIX-I

Short Term Goals of the Department

Short term goal 1: APPENDIX-I

Action Plan: APPENDIX-I

Short term goal 2: APPENDIX-I

Action Plan: APPENDIX-I

Short term goal 3: APPENDIX-I

Action Plan: APPENDIX-I

Long Term Goal of the Department

Long term goal: APPENDIX-I

Action Plan: APPENDIX-I



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Overall Suggestions / Remarks by Department Academic Audit Committee Members:

The faculty members are suggested to do online courses
Action plan is suggested be undertaken to enhance consultancy activity

Date of Academic audit: 12/09/2018

Name & Signature of HoD: Prof. V.Ramaiah

V. Ramaiah

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
01.	Dr. P. Kamalghu	Professor	<i>P. Kamalghu</i> 12/9/18
02.	Ch. Sribabu	Professor	<i>Ch. Sribabu</i> 12/09/18

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH

C. Venkatesh
14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. ASHOKA REDDY

K. Ashoka Reddy
14/9/18

APPENDIX-I

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE: WARANGAL-15

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

No. /EEE/KITS/2018

Date: 23.07.2018

Submitted to the Principal

Sub: Best Practices by the department of EEE-Reg.

The following are the Best Practices by the department of Electrical and Electronics Engineering (EEE).

1. Industrial Tours

The department organizes industrial tours once in a semester for all the students to the nearest power generation plants, electrical substations and other core industries. The faculty of the department will be accompanying the students to explain the technologies and to monitor the discipline among the students.

Outcome:

- Understanding the current trends in industries and relating the knowledge gained in the classroom and applying it (PO6)
- Function effectively in a collective group/ team (PO9)
- Communicating effectively with engineering community(PO10)

2. Internships

The students of the department are encouraged to undergo internship training in the industries in and around the state in order to gain adequate industrial experience. The students identify the industries in which they want to undergo training and the same will be allowed. In case of exigency, the faculty recommends the students to the industries with the contacts which they have.

Outcomes:

- Using the knowledge gained in the classroom and applying the same during their internship to better understand the concepts of electrical engineering.(PO4)

- Understanding the needs of the society and the duties of an engineer in framing the society (PO6)
- Understanding the ethical principles and commitment of professionals in the engineering practices.(PO8)

3. Guest lectures from eminent faculty and industry

The department organizes lectures of eminent faculty from higher educational institutions and the people from industry for the students at regular intervals. A minimum of two lectures will be arranged in a semester as a part of Engineering Association Activity. The students are encouraged to participate in Q & A sessions

Outcomes:

- Exchange of knowledge pertaining to the current trends in industry and outside world(PO1)
- Understanding the requirements of industry and the society (PO6)

4. Alumni interactions

The department has a profound alumni group spread across the globe. In its 24 years of service, the department has nearly 1500 alumni who are well settled in different parts of the world and in different sectors. The alumni are requested to come to the department and share their valuable experiences to the students of the department. The Department Association organizes the interactions every now and then but not less than two interactive sessions per semester

Outcomes:

- Sharing of knowledge pertaining to the current trends of the industry and the society(PO6)

5. Strong counseling and Mentoring system

Every student of the department is attached to a faculty counselor who counsels the student regularly every now and then in shaping him to meet the needs of the industry. Each faculty is assigned with six students from each academic year

and the students are required to meet their counselors regularly, not less than once in a month, to express their grievances. Further the faculty are encouraged not only to give inputs pertaining to the academics but also requested to improve the skills of the students for overall development.

Outcomes:

- Promoting the ethics of the student (PO8)
- Life-long learning(PO12)

6. Department technical festival/workshops

Every year a technical festival will be organized in the department for harnessing the technical skills of the students and to promote the leadership and organizing skills. The students are encouraged to participate in various events organized and to organize the events.

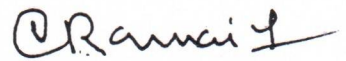
- Outcomes: Effective communication and organizing skills(PO10)
- Improving the team work(PO9)

7. Department newsletters and magazines

The department publishes newsletters at a frequency of two volumes in a year. The newsletters consists of the latest trends in the industry and the achievements of the department. Besides one technical magazine will be released at the end of academic year which includes the achievements of the faculty and students in the corresponding the academic year. The newsletters and the magazines will be published by the students only.

Outcomes:

- Improving the literary skills of the students(PO10)



(Prof. V. Ramaiah)
Head, Dept. of EEE

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE: WARANGAL-15
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

No. KITS /EEE/SWOC/2018

Date: 23.07.2018

Submitted to the Principal

Sub: SWOC analysis of the department -Reg.

SWOC analysis by the department of Electrical and Electronics Engineering (EEE).

SWOC ANALYSIS

Strengths

1. Periodic updation of curriculum
2. Adherence to academic calendar with regular academic sessions.
3. Good placement record
4. Alumni are in influential positions.
5. Symposiums and workshop programs organized on regular basis
6. Highly qualified Faculty(6 Ph.d.s and & 9 pursuing)
7. Strong faculty in the area of Power Systems & Power Electronics
8. Dedicated supporting staff
9. Well equipped laboratories (Digital Simulation Lab, Electrical Machines, Power Systems, Power Electronics & Electric Drives)
10. Department Library
11. Good number of publications by the faculty
12. Strong counseling system for the students
13. Considerable consultancy work

Weakness

1. Inadequate Trained supporting staff
2. Inadequate publication in SCI journals.
3. Inadequate emphasis on entrepreneur skill development in students.
4. Lack of communication skill due to rural background of the students

5. Inadequate R&D and Consultancy activities
6. Conduction of international events like seminars and conferences
7. Providing CORE company placements to the students

Academic Support for Weak Students

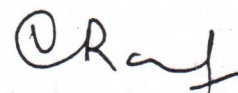
1. Department faculty takes personal interest in conducting remedial classes and giving assignment work to the students who are slow learners.
2. Training students in view of competitive examinations like GATE.
3. Regularly arranging Departmental seminars, Association and Cultural & Co-curricular hours as part of their schedule
4. Training students to develop communication skills in view of campus placements
5. Constantly mentoring the students.

Opportunities

1. Scope to provide world class education in cost effective manner.
2. To increase research activities
3. Training of Technical supporting staff
4. Possibility of international and national collaborations.
5. Tapping of Alumni Experience
6. To increase the scope of old experiments using proposed software "MATLAB 16b& PSCAD"
7. Demonstrating latest developments in technology to the students.

Challenges:

1. Competition with the Indian campuses of foreign universities
2. Misleading advertisement by private and foreign universities.
3. More attractive opportunities outside the institute pose greatest threat to attract and retain good faculty and Technical staff.



(Prof. V. Ramaiah)
Head, Dept. of EEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

No. /EEE/KITS/2018

Date: 23.07.2018

Submitted to the Principal

Sub: Long term goals & Short term Goals for the department of EEE-Reg.

The following are the Long term goals & Short term Goals for the department of Electrical and Electronics Engineering (EEE).

Sl.No	LONG TERM GOALS	Plan of Action
1.	Create national and international presence for the Department	• The students are encouraged to participate in international events. They are also encouraged to pursue their higher education in national and international premier institutes. • The faculty members are encouraged to participate/ organizing in national & international reputed conferences and publish papers in journals
2.	Prepare graduate students with requisite professional skills and position them for a productive life of enterprises, planning and development.	• Planned for guest lecturers from eminent personalities from higher order institutions, industries • Conducting technical sessions for improvement of technical knowledge among the students on par with industry standards • Conducting workshops on career guidance and counseling
3.	Enhance and enrich student community life.	Conducting symposiums, workshops to enrich the student skills in the areas of teamwork, leadership and communication.

	SHORT TERM GOALS	Plan of Action
1	Meet current industry demand for professionals.	• To establish MOU with industries and R&D organizations to carry out research projects. • Conducting workshops on latest trends like IoT applications in electrical engineering. Design & control of converters used in Renewable energy area. • To establish centre of excellence in the department.

2	Provide employment and advanced educational opportunities in emerging areas	• Special coaching has been planned for students to crack competitive exams like GATE,CAT and other PSUs. Besides they are being trained by T& P-cell in the area of campus placements • Training students towards Entrepreneurship. • Encouraging faculty & students to take SWAYAM, MOOCs on emerging areas
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 (Prof. V. Ramaiah)
 Head, Dept. of EEE

A. Roy
 By



DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

12
Date: 11.09.2018

Name of the Department	Computer Science and Engineering
Head of the Department	Dr.P.Niranjan
Department Advisory Committee (DAC)	Dr.P.Niranjan, Professor & Head S.Naga Raju, Associate Professor Dr.V.Shankar, Associate Professor C.Srinivas, Associate Professor S.Venkatramulu, Associate Professor V.Chandra Shekar Rao, Associate Professor Dr. S. Narasimha Reddy, Associate Professor

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech - Computer Science & Engineering	I	180	180+1=181	-	Yes	3 Years w.e.f. 29.3.2018 F.No.11-76-2010-NBA Dt. 29.3.2018
		II	180 + 36 = 216	72+71+68=211	05	Yes	
		III	180 + 36 = 216	70+72+68=210	06	Yes	
		IV	120 + 24 = 144	69+63=132	12	Yes	
PG	M.Tech - Software Engineering	I	36	30	-	No	-
		II	36	16	-	No	-
Ph.D.	Computer Science & Engineering	-	8-per supervisor	9 2	-	No	-



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B. Faculty Information:

1.	Total Faculty in the Department	
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	39
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	08(# of hours 143/18=8)
4.	No. of Faculty identified for PG (considering fractional load)	27
5.	Faculty : Student ratio (FSR) for UG	04
6.	Faculty : Student ratio (FSR) for PG	1:20 (211+210+132/27)
7.	Faculty Cadre Ratio:	1:18 (72/4)
	(i) No. of Professors	
	(ii) No. of Assoc. Professors	02
	(iii) No. of Asst. Professors	06
	(iv) Faculty Cadre Ratio =	31
8.	Faculty Qualification:	1:3:15
	(i) No. of Faculty with Ph.D.	
	(ii) No. of Faculty with M.Tech/MBA	07
	(iii) No. of Faculty with B.Tech/MCA/MSc	31
9.	No. of faculty pursuing Ph.D.	01
10.	No. of faculty with degrees from IITs/NITs	13
11.	No. of faculty with degrees from Universities abroad	04
12.	No. of faculty identified as Research Supervisors by various Universities	02 ✓



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added	NO	--		
2.	No. of UG Laboratories	--	--	09 (Reference : FILE NAME : AA_C2)	
3.	No. of PG Laboratories	--	--	01 - Software Development Laboratory (Reference : FILE NAME : AA_C2)	✓
4.	New laboratories added	YES	24-08-2017	01 - Virtual Computing Laboratory with total cost of Rs.35,43,105/- (Reference : FILE NAME : AA_C2)	✓
5.	Total cost of equipment in all laboratories	--	--	Rs.1,58,88,709/- (Reference : FILE NAME : AA_C2)	✓
6.	Cost of newly added equipment	YES	24-08-2017	1. IBM Lab(60 Systems) : Rs. 20,64,000/- 2. Advanced Software Lab(18 Systems) : Rs. 6,12,000/- (Reference : FILE NAME : AA_C2)	✓
7.	Curriculum revision done	YES	17-06-2018	w.e.f. Academic Year : 2018-19 (Reference : FILE NAME : AA_C3)	
8.	Survey taken from stakeholders on syllabus revision or course content	YES	21-04-2018	(Reference : FILE NAME : AA_C3)	✓
9.	Action taken report prepared on stakeholders feedback	YES	03-06-2018	(Reference : FILE NAME : AA_C3)	
10.	Survey reports available on website	YES	16-06-2018	www.kitsw.ac.in (Reference : FILE NAME : AA_C3)	
11.	Board of Studies meeting conducted	YES	17-06-2018	(Reference : FILE NAME : AA_C3)	✓



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12.	Syllabus is approved by Academic Council	YES	26.06.2018		(Reference : FILE NAME : AA_C3)	
13.	UG Workload allotted to faculty	YES	Odd Sem	12.07.2017	Avg. work load : $538/35=15.37$ Faculty required : 35 Faculty existing : 35 (Reference : FILE NAME : AA_C4)	
			Even Sem	01.01.2018		
14.	PG Workload allotted to faculty	YES	Odd Sem	11.09.2018	Avg. work load : $40/3=13.33$ Faculty required : 4 Faculty existing : 4 (Reference : FILE NAME : AA_C4)	
			Even Sem	29.01.2018		
15.	Faculty Recruited	YES	01-06-2017		No. of faculty recruited : 08 (Reference : FILE NAME : AA_C4)	
16.	Calendar for Dept. Association activities prepared	YES	16-07-2017		Copy of Calendar for Dept. Association is attached (Reference : FILE NAME : AA_C5)	
17.	Regular counselling of students is done	YES	--		(Reference : FILE NAME : AA_C6)	
18.	Teaching schedules are uploaded into CMS before commencement of class work	YES	Odd Sem	12-07-2017	(Reference : FILE NAME : AA_C7)	
			Even Sem	02-01-2018		
19.	Assignments are posted timely into CMS as per teaching schedule	YES	--		Posting of assignments as per lecture schedule (Reference : FILE NAME : AA_C7)	
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	YES	--		As per Lecture schedule (Reference : FILE NAME : AA_C7)	
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	YES	--		Course Committee meetings will frequently conducted by course coordinator (Reference : FILE NAME : AA_C8)	
22.	Action taken report is	YES			(Reference : FILE NAME : AA_C8)	



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	prepared on CCMs conducted					
23.	Online feedback taken from students before MSE-I	YES	Odd Sem	14.09.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	14.02.2018		
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	YES	Odd Sem	06.09.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	23.02.2018		
25.	Action taken report is prepared on CRC-I meetings conducted	YES	Odd Sem	18.09.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	28.02.2018		
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	YES	Odd Sem	18.09.2017	(Reference : FILE NAME : AA_C10)	
			Even Sem	12.03.2018		
27.	Action taken report prepared on CRM-I meetings conducted	YES	Odd Sem	21.09.2017	(Reference : FILE NAME : AA_C10)	
			Even Sem	15.03.2018		
28.	Student Progress report sent to parents after MSE-I	YES	Odd Sem	24.09.2017	(Reference : FILE NAME : AA_C11)	
			Even Sem	25.03.2018		
29.	Remedial classes conducted as per timetable	YES	--		(Reference : FILE NAME : AA_C12)	
30.	Online feedback taken from students before MSE-II	YES	Odd Sem	01.11.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	12.04.2018		



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			Sem			
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes NO	Odd Sem	16.11.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	06.04.2018		
32.	Action taken report is prepared on CRC-II meetings conducted	Yes NO	Odd Sem	18.11.2017	(Reference : FILE NAME : AA_C9)	
			Even Sem	16.04.2018		
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	YES	Odd Sem	04.12.2017	(Reference : FILE NAME : AA_C10)	
			Even Sem	26.04.2018		
34.	Action taken report is prepared on CRM-II meetings conducted	YES	Odd Sem	27.11.2017	(Reference : FILE NAME : AA_C10)	
			Even Sem	09.05.2018		
35.	Dossier is prepared for students having shortage of attendance	YES	13-04-2018		04 (B17CS144, B16CS003, B16CS054, B17CS198l) (Reference : FILE NAME : AA_C11)	
36.	Any student detained due to shortage of attendance	YES	21-04-2018		04 (B17CS144, B16CS003, B16CS054, B17CS198l) (Reference : FILE NAME : AA_C11)	
37.	Makeup classes are arranged for students writing supplementary exams	YES	--		(Reference : FILE NAME : AA_C12)	
38.	Faculty is using ICT based teaching	YES	--		(Reference : FILE NAME : AA_C13)	
39.	Additional teaching material (Handouts) are given to students	YES	--		(Reference : FILE NAME : AA_C13)	

40.	NPTEL lectures screened	YES	--	(Reference : FILE NAME : AA_C13)																																				
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	YES	--	(Reference : FILE NAME : AA_C13)																																				
Result analysis after ESE evaluation:																																								
42.	(i) CO, PO Direct attainments are calculated	YES	--	Direct attainment: <table><tr><td>PO1</td><td>PO2</td><td>PO3</td><td>PO4</td><td>PO5</td><td>PO6</td><td>PO7</td><td>PO8</td><td>PO9</td><td>PO10</td><td>PO11</td><td>P12</td></tr><tr><td>1.16</td><td>1.15</td><td>1.19</td><td>1.25</td><td>1.01</td><td>0.9</td><td>0.83</td><td>0.8</td><td>0.99</td><td>0.9</td><td>0.88</td><td>0.95</td></tr></table>												PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12	1.16	1.15	1.19	1.25	1.01	0.9	0.83	0.8	0.99	0.9	0.88	0.95	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12																												
1.16	1.15	1.19	1.25	1.01	0.9	0.83	0.8	0.99	0.9	0.88	0.95																													
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	YES	--	(Reference : FILE NAME : AA_C14)																																				
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment	YES	--	(Reference : FILE NAME : AA_C14)																																				
	(i) Exit survey	YES	--																																					
	(ii) Parent survey	YES	--																																					
	(iii) Alumni survey	YES	--																																					
	(iv) Recruiter survey	YES	--																																					
44.	Indirect attainment of PO & PSO is calculated	YES	--	In-direct attainment: <table><tr><td>PO1</td><td>PO2</td><td>PO3</td><td>PO4</td><td>PO5</td><td>PO6</td><td>PO7</td><td>PO8</td><td>PO9</td><td>PO10</td><td>PO11</td><td>P12</td></tr><tr><td>2.26</td><td>2.07</td><td>2.07</td><td>1.79</td><td>1.95</td><td>2.11</td><td>2.18</td><td>2.13</td><td>2.17</td><td>2.23</td><td>2.04</td><td>2.08</td></tr></table> (Reference : FILE NAME : AA_C14)												PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12	2.26	2.07	2.07	1.79	1.95	2.11	2.18	2.13	2.17	2.23	2.04	2.08	Add PSO column -
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12																													
2.26	2.07	2.07	1.79	1.95	2.11	2.18	2.13	2.17	2.23	2.04	2.08																													
45.	Overall attainment of PO & PSO is calculated	YES	--	Overall attainment: <table><tr><td>PO1</td><td>PO2</td><td>PO3</td><td>PO4</td><td>PO5</td><td>PO6</td><td>PO7</td><td>PO8</td><td>PO9</td><td>PO10</td><td>PO11</td><td>P12</td></tr><tr><td>1.38</td><td>1.33</td><td>1.37</td><td>1.36</td><td>1.20</td><td>1.14</td><td>1.10</td><td>1.07</td><td>1.23</td><td>1.17</td><td>1.11</td><td>1.18</td></tr></table> (Reference : FILE NAME : AA_C14)												PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12	1.38	1.33	1.37	1.36	1.20	1.14	1.10	1.07	1.23	1.17	1.11	1.18	Add PSO column -
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P12																													
1.38	1.33	1.37	1.36	1.20	1.14	1.10	1.07	1.23	1.17	1.11	1.18																													



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46.	Workshops/FDPs are conducted for faculty	YES	1-Week 7 th to 11 th August 2017	TASK FDP on "Java Programming"	(Reference : FILE NAME : AA_C15)	
47.	Faculty participated in Workshops/FDPs etc.,	YES	1-Week 1 st to 5 th May 2018	TASK FDP on "Android Development Fundamentals"	(Reference : FILE NAME : AA_C15)	
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	YES	10 to 11 th March 2018	"Developing Moodle-enabled Blended Learning Courses" organized by ETC KITS-Warangal. (Reference : FILE NAME : AA_C15)		Can not be claim as online
49.	Faculty published in Refereed journals	YES	--	International : 16 National : 00 (Reference : FILE NAME : AA_C16)		
50.	Faculty published in Conference proceedings	YES	--	International : 07 National : 01 (Reference : FILE NAME : AA_C16)		
51.	Faculty attended conferences for paper presentation	YES	--	International : 05 National : 01 (Reference : FILE NAME : AA_C16)		
52.	Faculty won awards (including best research paper award)	YES	-	- Sri.V.Chandrashekhar Rao, Best Blood Donation camp motivator ✓ - Smt.G.Rekha, Asst.Professor, Qualified in TS-SET-2018. ✗ (Reference : FILE NAME : AA_C17)		
53.	Faculty Research proposals (Total cost in lakhs)		- (Reference : FILE NAME : AA_C18)-			
	(i) Prepared	YES	15-12-2017	Number : 02	Amount: Rs. 9,50,000/-	
	(ii) Submitted to Govt. agencies	YES	16-12-2017	Number : 02	Amount: Rs. 9,50,000/-	
	(iii) Sanctioned by Govt. agencies	NO	--	Number:	Amount:	
	(iv) Submitted to Non-Govt. agencies	NO	--	Number:	Amount:	



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	(v) Sanctioned by Non-Govt. agencies	NO	--	Number:	Amount:	
	(vi) Total Sanctioned	NO	--	Number:	Amount:	
54.	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.) - (Reference : FILE NAME : AA_C18)-					
	(i) Prepared	YES	15-11-2017	Number: 03	Amount: 7,00,000/-	
	(ii) Submitted	YES	16-11-2017	Number: 03	Amount: 7,00,000/-	
	(iii) Total Sanctioned	YES	15-04-2018	Number: 01	Amount: 3,00,000/- (FDP on "Bigdata Analytics using R-Tools")	
55.	Consultancy projects undertaken	YES	--	Number:	Amount:	
				(Reference : FILE NAME : AA_C19)		
56.	Any other Faculty achievements (not covered above)	YES	--	• Sri.C.Srinivas, Assoc.Prof, Acted as Session chair in INTLC-2018, Turkey (Reference : FILE NAME : AA_C17)		
57.	Workshops/Seminars are conducted for students	YES	04.08.2017	Number : 03		
			12 th & 13 th of Oct-2017	• Startup-Utsav • Sumshodhini workshop on "Hadoop Development" • Facebook workshop		
			15 th & 16 th of Feb-2018	(Reference : FILE NAME : AA_C20)		
58.	Interactive sessions are arranged with alumni	YES	23-03-2018	Number : 02	"Interconnect" program arranged for interaction with alumni (Reference : FILE NAME : AA_C20)	
59.	Students participated in academic activities at other institutes	YES	-	Number : 05	(Reference : FILE NAME : AA_C21)	
60.	Students won Prizes in academic activities at other institutes	YES	15-11-2017	Number : 01	(Mohamad Ehsan - 1 st Prize in paper presentation at Technozion -17 NIT-W) Amount (if any): (Reference : FILE NAME : AA_C21)	
61.	Students participated in	YES	9 th to 11 th March 2018	Number : 02		



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	cultural activities at other institutes			Springspre-2018, NITW (Reference : FILE NAME : AA_C22)	
62.	Students won Prizes in cultural activities at other institutes	YES	9 th to 11 th March 2018	Number : 01 (Hari Krishna- 2 nd prize in event of Springspre-2018, NITW Amount (if any): (Reference : FILE NAME : AA_C22)	1
63.	Students participated in sports activities at other institutes	YES	-	Number : 35 (Reference : FILE NAME : AA_C22)	
64.	Students won Prizes in sports activities at other institutes	YES	-	Number : 20 Amount (if any): (Reference : FILE NAME : AA_C22)	1
65.	Students undergone internships	YES	17 th January 2018 16 th June 2018	Number : 20 (Reference : FILE NAME : AA_C23)	
66.	Students won "Best student project award"	YES	--	Number : 01 Mr.Nikhil Raj(B14CS091) " Automated driving safety monitor systems" Amount (if any): (Reference : FILE NAME : AA_C21)	
67.	Any Innovations by students	No	--		
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.).	YES	15.06.2018	PGDCA Course at Satyam skill development center (Reference : FILE NAME : AA_C23)	
69.	Start-ups are incubated on campus	NO	--		
70.	Students Placements				
	No. of students eligible for placements	104	--	(Reference : FILE NAME : AA_C25)	
	No. of students registered for T&P	104	--	(Reference : FILE NAME : AA_C25)	



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	activity				
	No. of students placed	81	--	(Reference : FILE NAME : AA_C25)	
	No. of students joined for Higher Education	--	--	M.S. Abroad : 12 M.Tech. : 02 MBA : 01 (Reference : FILE NAME : AA_C25)	
	No. of students secured Jobs in PSUs	--	--		
	No. of student Entrepreneurs	--	--	01 (N.Bhargav Patel- Inno prime technologies) (Reference : FILE NAME : AA_C25)	
71.	Other student achievements(not covered above)	NO	--		✓
72.	Newsletters released				
	(i) - Odd semester	YES	Sep-2018	foCuS Issue: 14	
	(ii) Even semester	YES	Jan-2018	foCuS Issue: 15	
73.	Yearly Magazine released	YES	May-2018	roCkSE Volume-VIII (Reference : FILE NAME : AA_C26)	
74.	Self Appraisal reports (PBAS) are submitted by faculty	YES	20.06.2018	(Reference : FILE NAME : AA_C27)	
75.	Self Appraisal reports are submitted by Non-teaching staff	YES	22.06.2018	(Reference : FILE NAME : AA_C27)	✓
76.	Department Advisory Committee (DAC) meetings are held regularly	YES	--	Every week the Department Advisory Committee meeting held to discuss on academic issues and to monitor student's attendance. (Reference : FILE NAME : AA_C28)	✓
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	YES	--	Sri. Sahithya Raj, visited as guest for I-year students association program (Reference : FILE NAME : AA_C29)	✓



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78.	Alumni funded the department (if any)	NO	--		
79.	MoUs signed / Collaborations established	YES	24-08-2017	Cyent Technologies-Hyderabad (Reference : FILE NAME : AA_C30)	✓
80.	Any other Department Achievements (not covered above)	NO			

Best Practices of the Department

1. ~~Conveyance~~ of regular Student Counselling process.
2. Conduction of Remedial Teaching for academically backward students.
3. Pre-assessment of students by conducting Placement Examinations
4. Regular conduction of Class Review Committee meetings.
5. Frequent Alumni Interaction process.
6. Providing Internship opportunities to students.
7. Conduction of Association activities to enrich soft skills of students
8. Providing interaction using College Management Systems between students and faculty.
9. Encouraging students for development of Application or innovative projects for campus automation and also some mobile apps.
10. Attainment of Program specific course outcomes

Suggested to
Rewrite few
Sentences.

SWOC Analysis of the Department

- Strengths: B.Tech(CSE) Program is accredited by NBA and regularly renewing the status.
- The Departments of Computer Science & Engineering has been recognized as research center by the Kakatiya University, Warangal.
- Excellent and adequate infrastructure facility.
- Imparting quality education with the help of dedicated faculty members.
- At about 80% students either being recruited in campus placements or taking higher education
- Regular conduction of Remedial/Makeup classes for slow learners.



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- Continuous evaluation system to be vigilant of student progression
- Periodical review of curriculum by considering all stakeholder inputs
- Department has 7 faculty holding Ph.D from reputed organizations.
- Using modern ICT tools for teaching learning process.
- All corners of the department are WIFI enable
- Internet connectivity with 150Mbps capacity
- Student projects to digitize institute activities
- Continuous effort to improve soft skills of student community
- Strong alumni support
- Emphasis on academic social responsibility through student clubs
- Good industry connect provided to student with CSE association activates

Weakness:

- Diversity of students
- Lack of financial autonomy to introduce self financed employability courses
- Lack of funding for Research Projects
- Consultancy practices not up to the mark
- Remote location disadvantage for frequent industry interaction

Opportunities:

- The currently high demand for qualified computer science and ICT professionals.
- High qualification and efficiency of faculty to perform teaching and consultancy
- Anxiety of students to learn
- Conducting research activities for publications in peer reviewed journals
- Active co curricular and extracurricular activates for outreach Programmers
- Active alumni association for gathering awareness of outside world
- Autonomy to bring dynamic changes in curriculum that adapts to new technology

Challenges:

- Bridging the gap between industry and academia
- Training students to cater ever changing technologies.
- Gathering co-operation from all stake holders.
- Carrying out research and extension activates in field of computer science and engineering



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- Motivating students for exploring opportunities in entrepreneurship
- Deploying more efforts of faculty for getting research projects and consultancy services
- Encouraging students for innovative projects and globally approved working models
- Inspiring faculty and students to file patents and publishing high quality journals
- Associating with government initiatives on Smart cities, Atal-incubation, Digital India, Swacha barath, skill development program etc.,

Short Term Goals of the Department	
Short term goal 1: Improvement in campus placements	Action Plan: - Reference : FILE NAME : AA_DD
Short term goal 2: Initiation of consultancy services	Action Plan: - Reference : FILE NAME : AA_DD
Short term goal 3: Improving quality in research activities	Action Plan: - Reference : FILE NAME : AA_DD
Long Term Goal of the Department	
Long term goal: To become center of excellence in the field of computer science	
Action Plan: - Reference : FILE NAME : AA_DD	
(Reference : FILE NAME : AA_DD)	



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Overall Suggestions / Remarks by Department Academic Audit Committee Members:

- All the files are verified as per the filled in format given.
- It would be better if the information in some of the files is segregated on the basis of Semester / Sections. Indexing of contents of file would add value
- The proofs for all the files are perfectly maintained.

Date of Academic audit: 12.09.2018

Name & Signature of HoD: Dr.P.Niranjan

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1	Dr.K.Shivani	Professor & HoD, Dept.of EIE	
2	Dr.P.Srikanth	Professor I/c T&P & Professor, Dept.of ME	

Name & Signature of Academic Audit Committee Convenor: Dr.C.Venkatesh, Dean, Academic Affairs

14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr.K.Ashoka Reddy, Principal

14/9/18



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DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

Please fill the following information:

Date: 12/09/2018

Name of the Department	Electronics and Communication Engineering
Head of the Department	Dr. G. Raghotham Reddy
Department Advisory Committee (DAC)	Dr.K.Ashoka Reddy Dr .G.Raghotham Reddy Smt. S.P. Girija Sri E. Suresh Dr. B.Rama Devi Smt. A. Vijaya

A. Details of Programmes offered by the Department :AA_DP

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech (Electronics & Communication Engineering(ECE))	I	180	180	-	Yes	Accredited by NBA for 3 years (i.e for the academic year 2017-18, 2018-19 & 2019-20) vide letter No.11-76/2010/NBA, dated:29.03.2018.
		II	180+ 36 = 216	216	-	Yes	
		III	180+ 36 = 216	216	-	Yes	
		IV	120+ 24 = 144	144	-	Yes	
PG	M.Tech. (Digital Communication(DC))	I	25	23	-	No	
		II	25	20	-	No	

Dr. G. Raghotham Reddy
10/09/18
HOD, ECE



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B. Faculty Information:AA_FI

1.	Total Faculty in the Department	
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	34
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	5
4.	No. of Faculty identified for PG (considering fractional load)	30
5.	Faculty : Student ratio (FSR) for UG	4
6.	Faculty : Student ratio (FSR) for PG	$(480+96)/30=19.2$
7.	Faculty Cadre Ratio:	50/4=12.5
	(i) No. of Professors	
	(ii) No. of Assoc. Prof.	2
	(iii) No. of Asst. Prof.	5
	(iv) Faculty Cadre Ratio =	27
8.	Faculty Qualification:	1:2.5:13.4
	(i) No. of Faculty with Ph.D.	
	(ii) No. of Faculty with M.Tech	8
	(iii) No. of Faculty with B.Tech	26
9.	No. of faculty pursuing Ph.D.	-
10.	No. of faculty with degrees from IITs/NITs	15
11.	No. of faculty with degrees from Universities abroad	05
12.	No. of faculty identified as Research Supervisors by various Universities	-
		01

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Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added	Yes	-	File is available AA_C1	ND
2.	No. of UG Laboratories	8	-	File is available. AA_C2	
3.	No. of PG Laboratories	2	-		
4.	New laboratories added	-	-		
5.	Total cost of equipment in all laboratories	1,24,90,090.00	-		
6.	Cost of newly added equipment	22,44,278.00	-		
7.	Curriculum revision done	Yes	26.06.2018	File is available AA_C3 ✓	
8.	Survey taken from stakeholders on syllabus revision or course content	Yes	10.06.2018		
9.	Action taken report prepared on stakeholders feedback	Yes	02.06.2018		
10.	Survey reports available on website	No	-		
11.	Board of Studies meeting conducted	Yes	15.06.2018		
12.	Syllabus is approved by Academic Council	Yes	26.06.018		
13.	UG Workload allotted to faculty	Yes	12.07.2017 (ODD SEM)	Avg. work load: 16 Faculty required:29 Faculty existing:30 File is available AA_C4	
			01.01.2018 (EVEN SEM)	Avg. work load: 16 Faculty required:29 Faculty existing:28 File is available AA_C4	
14.	PG Workload allotted to faculty	Yes	12.07.2017 (ODD SEM)	Avg. work load: 05 Faculty required: - Faculty existing:04 File is available AA_C4	22
			01.01.2018	Avg. work load: 05	

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			(EVEN SEM)	Faculty required: - Faculty existing:04	
15. ✓	Faulty Recruited	Yes	No. of faculty recruited:09 ✓ File is available AA_C4	No. of faculty recruited:09 File is available AA_C4 ✓	
16.	Calendar for Dept. Association activities prepared	Yes	File is available AA_C5	File is available AA_C5	
17.	Regular counselling of students is done	Yes	File is available AA_C6	File is available AA_C6	Signatures
18.	Teaching schedules are uploaded into CMS before commencement of class work	Yes	File is available AA_C7	File is available AA_C7 ✓	Sample topics of Exam
19.	Assignments are posted timely into CMS as per teaching schedule	Yes	File is available AA_C7		reps
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	Yes	File is available AA_C7		
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	Yes	File is available AA_C8	File is available AA_C8	
22.	Action taken report is prepared on CCMs conducted	Yes	File is available AA_C8		
23.	Online feedback taken from students before MSE-I	Yes	File is available AA_C9	File is available AA_C9	to be generated
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	Yes	File is available AA_C9		
25.	Action taken report is prepared on CRC-I meetings conducted	Yes	File is available AA_C9		
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	Yes	File is available AA_C10	File is available AA_C10 ✓	
27.	Action taken report prepared on CRM-I meetings conducted	Yes	File is available AA_C10		
28.	Student Progress report sent to parents after MSE-I	Yes	File is available AA_C11	File is available AA_C11 ✓	
29.	Remedial classes conducted as per timetable	Yes	File is available AA_C12		
30.	Online feedback taken from students before MSE-II	Yes	File is available AA_C9	File is available AA_C9	

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31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes	File is available AA_C9		
32.	Action taken report is prepared on CRC-II meetings conducted	Yes	File is available AA_C9		
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	-	-	File is available AA_C10	
34.	Action taken report is prepared on CRM-II meetings conducted	-	-		
35.	Dossier is prepared for students having shortage of attendance	Yes	File is available AA_C11	File is available AA_C11	
36.	Any student detained due to shortage of attendance	Yes	File is available	01: Radhakrishna	
37.	Makeup classes are arranged for students writing supplementary exams	Yes	File is available AA_C12	File is available AA_C11	
38.	Faculty is using ICT based teaching	Yes	File is available AA_C13	File is available AA_C12	✓
39.	Additional teaching material (Handouts) are given to students	Yes	File is available AA_C13	File is available AA_C13	
40.	NPTEL lectures screened	Yes	File is available AA_C13		reports
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	Yes	File is available AA_C13		
42.	Result analysis after ESE evaluation:			File is available AA_C14	
	(i) CO, PO Direct attainments are calculated	Yes	File is available AA_C14		
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	Yes	File is available AA_C14		
	Survey is conducted for Indirect Assessment of PO & PSO attainment	Yes	-		
43.	(i) Exit survey	Yes	File is available AA_C14		
	(ii) Parent survey	Yes	File is available AA_C14		
	(iii) Alumni survey	Yes	File is available		

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	(iv) Recruiter survey		AA_C14		
		Yes	File is available AA_C14		
44.	Indirect attainment of PO & PSO is calculated	Yes	File is available AA_C14		
45.	Overall attainment of PO & PSO is calculated	Yes	File is available AA_C14	✓	
46.	Workshops/FDPs are conducted for faculty	Yes	27 th Nov -8 th Dec 2017	FDP on "Hands on approach of OFDM System designing in MATLAB"	✓
47.	Faculty participated in Workshops/FDPs etc.,	Yes	-	File available AA_C15	
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	No	-	File available AA_C15	✓
49.	Faculty published in Refereed journals	Yes	File available AA_C16	International: 36 National: 0 File available AA_C16	✓
50.	Faculty published in Conference proceedings	Yes	File available AA_C16	International:14 National:0 File available AA_C16	✓
51.	Faculty attended conferences for paper presentation	Yes	File available AA_C16	International:10 National: 0 File available AA_C16	
52.	Faculty won awards (including best research paper award)	No	-	-	✓
53.	Faculty Research proposals (Total cost in lakhs)				
	(i) Prepared	Yes	File is available AA_C18	Number: 01 Amount: 57540.00	
	(ii) Submitted to Govt. agencies	Yes	File is available AA_C18	Number: 01 Amount: :57540.00	
	(iii) Sanctioned by Govt. agencies	Yes	File is available AA_C18	Number: 02 Amount:49.58Lakhs	
	(iv) Submitted to Non-Govt. agencies	Yes	File is available AA_C18	Number: 02 Amount::6.5 Lacks	
	(v) Sanctioned by Non-Govt. agencies	No	-	Number: 0 Amount:	
	(vi) Total Sanctioned	Yes	File is available	Number:2	

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	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.)		AA_C18	Amount: 6.58Lacks + 43 Lacks	
	(i) Prepared	Yes	File is available AA_C18	Number: 01 Amount: 6.58Lakhs	
54.	(ii) Submitted	Yes	File is available AA_C18	Number: 01 Amount: 6.58Lakhs	
	(iii) Total Sanctioned	Yes	File is available AA_C18	Number: 01 Amount: 6.58Lakhs	✓
55.	Consultancy projects undertaken	Yes	File is available AA_C18	Number: 3 Amount: 5.5 lakhs	✓
56.	Any other Faculty achievements (not covered above)	No	-	-	✓
57.	Workshops/Seminars are conducted for students	Yes	File is available AA_C20	Number: 3	✓
58.	Interactive sessions are arranged with alumni	Yes	23.08.2017 File is available AA_C20	N. Rajkumar. AE Transco. Interacted with 1 st year students	✓
59.	Students participated in academic activities at other institutes	Yes	File is available AA_C21	Number: 17	✓
60.	Students won Prizes in academic activities at other institutes	No	--	Number: Amount (if any):	
61.	Students participated in cultural activities at other institutes	No	--	Number:	
62.	Students won Prizes in cultural activities at other institutes	No	--	Number: Amount (if any):	
63.	Students participated in sports activities at other institutes	No	--	Number:	
64.	Students won Prizes in sports activities at other institutes	No	--	Number: Amount (if any):	
65.	Students undergone internships	Yes	File is available AA_C23	Number: 250 (File attached)	✓
66.	Students won "Best student project award"	No	--	--	✓
67.	Any Innovations by students	Yes	File is available AA_C24	File is available AA_C24	✓
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	NO	--		✓
69.	Start-ups are incubated on campus	NO	--		✓

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Students Placements					
70.	No. of students eligible for placements	125	File is available AA_C25	File is available AA_C25	✓
	No. of students registered for T&P activity	110	File is available AA_C25		✓
	No. of students placed	89 ✓	File is available AA_C25		✓
	No. of students joined for Higher Education	No	-		
	No. of students secured Jobs in PSUs	No	-		
	No. of student Entrepreneurs	No	-		
71.	Other student achievements(not covered above)	No	-	-	
72.	Newsletters released				
	(i) Odd semester	Yes	File is available AA_C26	Department of ECE releases Newsletter twice in a year, it is distributed to all the faculty and to various prestigious institutions/organizations throughout the nation. Latest edition is released in June, 2017	✓
	(ii) Even semester	Yes			
73.	Yearly Magazine released	Yes	File is available AA_C26	Department of ECE releases a Technical Magazine "ELECTROMANIA" in a year, latest edition is released in December, 2017 Chief Patron : Capt. V. Laxmikantha Rao, Secretary & Correspondent Patron : Sri P. Narayana Reddy, Treasurer Chief Editor: Dr. Y. Manohar, Director Editors :	✓

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				Dr. P. Venkateshwar Rao, Principal : Prof. G.Raghotham Reddy, HoD, ECE Editors In-charge: Smt A.Vijaya, Assoc. Prof. : Sri Koustubh Kulkarni, Asst. Prof.	
74.	Self Appraisal reports (PBAS) are submitted by faculty	Yes	File is available AA_C27	File is available AA_C27	✓
75.	Self Appraisal reports are submitted by Non-teaching staff	Yes	File is available AA_C27	File is available AA_C27	✓
76.	Department Advisory Committee (DAC) meetings are held regularly	Yes	-	File is available AA_C28	✓
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	Yes (File is available AA_C29)	20.10.2017	G. Sundeep Kumar VLSI Design Engineer, Microsemi	
			21.10.2017	Madhuri Sriram, TCS Hyderabad	
			28.10.2017	Rangu Ramu, ADP Hyderabad	
			25.11.2017	G. Likhith Raj, Cyient madikonda	
			08.02.2018	T. Sagarika, Entrepreneur	
			09.02.2018	Rangu Ramu, ADP Hyderabad	
			02.03.2018	K. Prathika Reddy TCS Hyderabad	
			10.03.2018	S. Deepika, CSSI Hyderabad	
			29.03.2018	G. Sushmithasen Tech Mahindra, Hyd	
78.	Alumni funded the department (if any)	NO	20.04.2018	Mariano Santiago Product Manager, Dell international	✓
79.	MoUs signed / Collaborations established	Yes	File is Available AA_C30	File is Available AA_C30	✓
80.	Any other Department Achievements (not covered above)	NO	-	-	✓

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D: Best Practices, SWOC, Short term & Long term Goals

Best Practices of the Department

The following are the Best Practices by the department of Electronics and Communication Engineering (ECE)

1. Department publishes two (2) newsletters every year
2. Department publishes one (1) technical magazine every year
3. It is made mandatory to the 3rd year students to do hardware mini projects only
4. Department faculty continuously counsels the students regarding the improvement of their academic performance
5. Department arranges guest lectures with alumni students to motivate our students every year
6. The students of 3rd year along with faculty visit any industry every year to make the students aware of industry applications
7. Department conducts a National Level Technical event "ELECTROCOM" every year
8. In every laboratory students use the manuals prepared by Department faculty only
9. Every student of M.Tech. (Digital Communication) will publish a paper during their major project



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SWOC Analysis of the Department

Strengths:

- ✓ Continuous progressive evaluation system for students ✓
- ✓ Participative Management.
- ✓ Large number of initiatives undertaken for supporting number of slow learners and students from diverse backgrounds.
- ✓ Regularly updated curriculum with industry inputs. ✓
- ✓ Comprehensive system which ensures platform to promote faculty students and staff development.
- ✓ International exposure to students.
- ✓ Strong Industry linkages. ✓
- ✓ Use of Innovative teaching.
- ✓ Emphasis on holistic development of students. ✓
- ✓ Centralized e-class having computer, LCD, overhead and OHP projector
- ✓ Modern library with plenty of reference and text book, periodic journals and ~~news papers, separate reading facilities for students and faculty members.~~
- ✓ Central computer laboratory with free internal access for students. Internet facilities are also available in all the departments.
- ✓ Language Lab in the Department of English to develop the communicative ability of the students and faculty members. The facility may also be used in research related to comparative alysis.
- ✓ Strong industry and alumni collaboration with visible, measurable outcomes.
- ✓ So many extra-curricular activities and co-curricular activities are conducted through SAC.
- ✓ Founded projects through Centre for Extension Activities.
- ✓ Effective decentralized setup with full academic and financial autonomy to Directors/HoDs.
- ✓ More than 80 placement offers from reputed companies annually ✓

Weakness:

- ✓ Insufficient recreation facilities for faculty members
- ✓ There is a need to improve facilities to the students both in academic and co-curricular activities.
- ✓ More solar powered installations are needed.
- ✓ Lack of flexibility in admitting International students to degree programs. ✓
- ✓ Lack of flexibility in introducing innovative and job/entrepreneurial development degree program. ✓
- ✓ Inadequate research lab and facilities for enthusiastic faculty members ✓

Handwritten signature/initials



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Opportunities:

- ✓ With the growing trend in ICT based learning, teaching learning process can be completely tuned to project based learning. ✓
- ✓ Emphasis is given more for student projects at both PG and UG level ✓
- ✓ To introduce job oriented and skill development, self employed courses and other emerging subjects. ✓
- ✓ Research and extension activities in the field of electronics & communication Engineering. ✓
- ✓ Huge scope of plantation
- ✓ To have an International Campus.
- ✓ To become a University
- ✓ To open few post graduate programs. ✓

Challenges:

- ✓ To provide job opportunities to the PG degree holders. ✓
- ✓ Due to the poor economic back ground of the locality it is difficult to open self- financed job oriented courses. ✓
- ✓ To start research activities for the development of the faculty members with available facilities in collaboration with nearby Universities and research institutes. ✓
- ✓ Students with diverse background with diverse needs. ✓
- ✓ Enhancing number of students opting for entrepreneurship.
- ✓ Recruiting highly experienced faculty.
- ✓ More autonomy in admission procedure to attract international students.
- ✓ With growing interdisciplinary approach in teaching-learning process, there is a greater challenge to periodically restructure our research infrastructure and industry partnership.
- ✓ More research grants and industry partnerships are needed for student product development activities in order to groom potential entrepreneurs.
- ✓ Government initiatives launched recently on smart city, start-ups, make in India, clean India, skill development schemes have close parallel to the vision and mission of the institution which needs to be integrated.

10/09/18



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Short Term Goals of the Department	
Short term goal 1: To make the students industry ready	Action Plan: By providing in house training to students and updating them with latest technology by taking them on industrial tours
Short term goal 2: To increase the research activity in the state of art fields	Action Plan: All the faculty are to be encouraged to present, publish and chair conferences
Short term goal 3: To be recognized as Research Centre	Action Plan: Application submitted for recognition as Research Centre under Kakatiya University, Warangal and to get approved as a research centre
Long Term Goal of the Department	
Long term goal: 1) To be one of the leading department in the field of Electronics and Communication and centre of eminence on par with premium institutes in the country 2) To see that all the faculty in the department are with doctoral degrees ✓	
Action Plan: • To score a good rank in NIRF, NAAC and other technical bodies • To encourage faculty to publish and to attend International conferences, thereby pursue P.hD's • To sign MOU's with leading institutes of eminence	

10/09/18



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Overall Suggestions/Remarks by Department Academic Audit Committee Members:

1. Co-op mapping to be calculated for course wise & action taken reports.
2. CCM action taken reports to be generated.
3. Review SWOC analysis as discussed clubbing.
#.

Date of Academic audit: 12.9.2018

Name & Signature of HoD: Dr. G. Rajkotham Reddy, Prof & HOD, ECE Dept. 12/09/18

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1	Dr. K. Eswaradevi	Professor & Head, MED	[Signature]
2	Dr. H. R. Soma	Professor M & H Dept.	[Signature]

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH 14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. ASHOKA REDDY 14/9/18



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DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. G. R. R.
12/09/18

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017-18

Please fill the following information:

Date: 12/09-2018

Name of the Department	Information Technology
Head of the Department	Dr. P.Kamakshi
Department Advisory Committee (DAC)	G.K.Shailaja B.Kiran Kumar A.Bhaskar Y.Bhavani P.Sudharshan Ray V.Sunitha M.Kishore M.V.Phanindra S.B.Swathi R.Gautam P.Suma T.Mahesh Kumar

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
UG	B.Tech - Information Technology	I	60	60	--	YES	Validation upto : 30-06-2019 File No. 11-76-2010-NBA Date: 04-02-2017
		II	60 + 12 = 72	67	05		
		III	60 + 12 = 72	60	12		
		IV	60 + 12 = 72	52	20		

verified
12/09/18

P-6 10.9.18



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B. Faculty Information:

1.	Total Faculty in the Department	13	✓
2.	No. of Faculty identified for B.Tech. I year (considering fractional load)	4	✓
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	11	✓
4.	No. of Faculty identified for PG (considering fractional load)	-NA-	✓
5.	Faculty : Student ratio (FSR) for UG	1:16 (total students of 2 nd , 3 rd & 4 th year: 179)	
6.	Faculty : Student ratio (FSR) for-PG	-NA-	
7.	Faculty Cadre Ratio:		
	(i) No. of Professors	1	✓
	(ii) No. of Assoc. Prof.	4	✓
	(iii) No. of Asst. Prof.	8	✓
	(iv) Faculty Cadre Ratio =	1:4:8	✓
8.	Faculty Qualification:		
	(i) No. of Faculty with Ph.D.	1	✓
	(ii) No. of Faculty with M.Tech/ MBA	12	✓
	(iii) No. of Faculty with B.Tech/MCA/MSc	0	
9.	No. of faculty pursuing Ph.D.	9	✓
10.	No. of faculty with degrees from IITs/NITs	0	
11.	No. of faculty with degrees from Universities abroad	0	
12.	No. of faculty identified as Research Supervisors by various Universities	1	✓

→ To file Ph.D. Admission
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C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES / NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added	NO		Plan to extend existing intake of UG program and introduce new PG Program. ()	Add a PG program on security
2.	No. of UG Laboratories	--	--	05	Details are in AA_C2 file.
3.	No. of PG Laboratories	--	--	- NA -	verified
4.	New laboratories added	NO			- NA -
5.	Total cost of equipment in all laboratories	--	--	Rs. 68,12,914/-	
6.	Cost of newly added equipment	--	--	Details are in AA_C2 file.	file verified
7.	Curriculum revision done	YES	26.6.2018	Rs. 3,31,950/-	- do -
8.	Survey taken from stakeholders on syllabus revision or course content	YES	During A.Y. 2017-18	Details are in AA_C2 file.	
9.	Action taken report prepared on stakeholders feedback	YES	28.6.2018	Details are in AA_C3 file.	file verified
10.	Survey reports available on website	YES	10.9.2018		
11.	Board of Studies meeting conducted	YES	16.6.2018		
12.	Syllabus is approved by Academic Council	YES	26.6.2018		
13.	UG Workload allotted to faculty	YES		Details are in AA_C4 file. Avg. work load: 220 Faculty required: 15 Faculty existing: 13	verified
14.	PG Workload allotted to faculty	-NA-		Avg. work load: Faculty required: Faculty existing:	- NA -

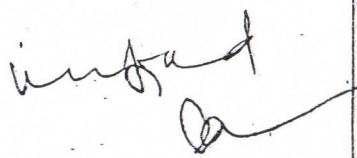
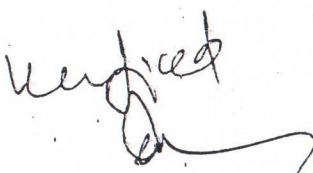
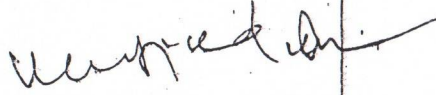


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15.	Faulty Recruited	NO		No. of faculty recruited: 0	
16.	Calendar for Dept. Association activities prepared	YES	13-07-2017 for III/V/VII sem 02-01-2018 for IV/VI/VIII sem	Details are in AA_C5 file.	Dates of Activities to be mentioned - Report submitted
17.	Regular counselling of students is done	YES	Weekly once	Details are in AA_C6 file.	submitted
18.	Teaching schedules are uploaded into CMS before commencement of class work	YES	During A.Y. 2017-18	Details are in AA_C7 file.	submitted
19.	Assignments are posted timely into CMS as per teaching schedule	YES	During A.Y. 2017-18		
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	YES	During A.Y. 2017-18		
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	YES	III/V/VII Semesters 10.07.2017 Before Mid 1 30.08.2017 Before Mid 2 10.11.2017 IV/VI/VIII Semesters 30.12.2017 Before Mid 1 19.02.2018 Before Mid 2 20.04.2018	Details are in AA_C8 file.	submitted
22.	Action taken report is prepared on CCMs conducted	YES	III/V/VII Semesters 10.07.2017 Before Mid 1 30.08.2017 Before Mid 2		submitted



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			10.11.2017 IV/VI/VIII Semesters 30.12.2017 Before Mid 1 19.02.2018 Before Mid 2 20.04.2018		
23.	Online feedback taken from students before MSE-I	YES	III Sem on 04.10.2017 IV Sem on 14.02.2018 V Sem on 04.10.2017 VI Sem on 14.02.2018 VII Sem on 04.10.2017 VIII Sem on 22.02.2018	Details are in AA_C9 file.	
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	YES	III Sem on 20.08.2017 IV Sem on 05.02.2018 V Sem on 20.08.2017 VI Sem on 05.02.2018 VII Sem on 20.08.2017 VIII Sem on 06.02.2018		
25.	Action taken report is prepared on CRC-I meetings conducted	YES	III Sem on 20.08.2017 IV Sem on 05.02.2018 V Sem on 20.08.2017		

Dr 10.9.18



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			VI Sem on 05.02.2018 VII Sem on 20.08.2017 VIII Sem on 06.02.2018		
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year.	YES	III/V/VII Semesters on 07.10.2017 IV/VI/VIII Semesters on 17.03.2018	Details are in AA_C10 file.	Remarks to be mentioned on the CRM sheet attached on
27.	Action taken report prepared on CRM-I meetings conducted	YES	III/V/VII Semesters on 07.10.2017 IV/VI/VIII Semesters on 17.03.2018		verified
28.	Student Progress report sent to parents after MSE-I	YES	During A.Y. 2017-18	Details are in AA_C11 file.	verified
29.	Remedial classes conducted as per timetable	YES	During A.Y. 2017-18	Details are in AA_C12 file.	verified
30.	Online feedback taken from students before MSE-II	YES	III Sem on 17.11.2017 IV Sem on 18.04.2018 V Sem on 16.11.2017 VI Sem on 18.04.2018 VII Sem on 15.11.2017 VIII Sem on 19.04.2018	Details are in AA_C9 file.	verified
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	YES	III Sem on 01.11.2017 IV Sem on		verified



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			19.04.2018 V Sem on 01.11.2017 VI Sem on 17.04.2018 VII Sem on 01.11.2017 VIII Sem on 21.04.2018		
32.	Action taken report is prepared on CRC-II meetings conducted	YES	III Sem on 01.11.2017 IV Sem on 19.04.2018 V Sem on 01.11.2017 VI Sem on 17.04.2018 VII Sem on 01.11.2017 VIII Sem on 21.04.2018	Details are in AA_C9 file.	<i>verified</i> <i>sa</i>
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	YES	III / V / VII Semesters on 30.12.2017 IV / VI / VIII Semesters on 14.05.2018	Details are in AA_C10 file.	<i>verified</i> <i>sa</i>
34.	Action taken report is prepared on CRM-II meetings conducted	YES	III / V / VII Semesters on 30.12.2017 IV / VI / VIII Semesters on 14.05.2018		<i>Action taken mentioned</i> <i>Applicable for next batches</i> <i>verified</i> <i>sa</i>
35.	Dossier is prepared for students having shortage of attendance	YES	18.04.2018	Details are in AA_C11 file.	<i>verified</i> <i>sa</i>
36.	Any student detained due to shortage of attendance	YES	21.04.2018		

2.12.2018



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37.	Makeup classes are arranged for students writing supplementary exams	YES	During A.Y. 2017-18	Details are in AA_C12 file.	
38.	Faculty is using ICT based teaching	YES	During A.Y. 2017-18	Details are in AA_C13 file.	
39.	Additional teaching material (Handouts) are given to students	YES	During A.Y. 2017-18		
40.	NPTEL lectures screened	YES	During A.Y. 2017-18		
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	YES	During A.Y. 2017-18		
42.	Result analysis after ESE evaluation:			Details are in AA_C14 file.	
	(i) CO, PO Direct attainments are calculated	YES	During A.Y. 2017-18		
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	YES	15.05.2018		
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment	YES	During A.Y. 2017-18		
	(i) Exit survey	YES	19-04-2018		
	(ii) Parent survey	YES	During A.Y. 2017-18		
	(iii) Alumni survey	YES	During A.Y. 2017-18		
	(iv) Recruiter survey	YES	During A.Y. 2017-18		
44.	Indirect attainment of PO & PSO is calculated	YES	During A.Y. 2017-18		
45.	Overall attainment of PO & PSO is calculated	YES	During A.Y. 2017-18		
46.	Workshops/FDPs are conducted for faculty	YES	1) 01-05 th May, 2018	Number: 02	



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			2) 21-25 th May, 2018	Details are in AA_C15 file.		verified	
47.	Faculty participated in Workshops/FDPs etc.,	YES	During A.Y. 2017-18				
48.	Faculty took online courses (NPTEL/SWAYAM MOOCs etc.)	NO					
49.	Faculty published in Refereed journals	YES	During A.Y. 2017-18	International:10 National: 0	Details are in AA_C16 file.	verified	
50.	Faculty published in Conference proceedings	YES	During A.Y. 2017-18	International:03 National: 0			
51.	Faculty attended conferences for paper presentation	YES	During A.Y. 2017-18	International: 04 National: 0			
52.	Faculty won awards (including best research paper award)	NO					
53.	Faculty Research proposals (Total cost in lakhs)		NO				
	(i) Prepared			Number:	Amount:		
	(ii) Submitted to Govt. agencies			Number:	Amount:		
	(iii) Sanctioned by Govt. agencies			Number:	Amount:		
	(iv) Submitted to Non-Govt. agencies			Number:	Amount:		
	(v) Sanctioned by Non-Govt. agencies			Number:	Amount:		
	(vi) Total Sanctioned			Number:	Amount:		
54.	Other proposals by faculty (Total cost in lakhs) (FDPs/Seminar Grants, etc.)			YES			
	(i) Prepared	YES	During A.Y. 2017-18	Number: 4	Details are in AA_C18 file.	verified	
	(ii) Submitted	YES	During A.Y. 2017-18	Number: 4			
	(iii) Total Sanctioned	YES	During A.Y. 2017-18	Number: 1			
55.	Consultancy projects undertaken	NO					
56.	Any other Faculty achievements (not covered above)	NO				verified	

P.B 10.9.18



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57.	Workshops/Seminars are conducted for students	YES	16-08-2018	Number: 05 Details are in AA_C20 file.	unpaid
			15 - 16 th Sept. 2017		
			12.10.2017		
			04.04.2018		
			21.03.2018		
58.	Interactive sessions are arranged with alumni	YES	08.01.2018	Number: 02 Details are in AA_C20 file.	unpaid
			03.04.2018		
59.	Students participated in academic activities at other institutes	YES	During A.Y. 2017-18	Number: 11 Details are in AA_C21 file.	unpaid
60.	Students won Prizes in academic activities at other institutes	YES	During A.Y. 2017-18	Number: 01 Details are in AA_C21 file. Amount (if any): --	
61.	Students participated in cultural activities at other institutes	NO		Number:	
62.	Students won Prizes in cultural activities at other institutes	NO		Number: Amount (if any):	
63.	Students participated in sports activities at other institutes	YES	During A.Y. 2017-18	Number: 04 Details are in AA_C22 file.	
64.	Students won Prizes in sports activities at other institutes	YES	During A.Y. 2017-18	Number: 02 Amount (if any): Details are in AA_C22 file.	unpaid
65.	Students undergone internships	YES	During A.Y. 2017-18	Number: 32 Details are in AA_C23 file.	
66.	Students won "Best student project award"	YES	During A.Y. 2017-18	Number: 01 Details are in AA_C21 file. Amount (if any):	unpaid
67.	Any Innovations by students	NO			
68.	Students took online courses (NPTEL/SWAYAM MOOCs etc.)	YES	July - Sept, 2017	Details are in AA_C23 file.	unpaid
69.	Start-ups are incubated on campus	NO		Number: 01	unpaid



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70.	Students Placements					Details are in AA_C25 file.	[Signature]
	No. of students eligible for placements	--	During A.Y. 2017-18	41			
	No. of students registered for T&P activity	--		49			
	No. of students placed	--		22			
	No. of students joined for Higher Education	--	During A.Y. 2017-18	M.S. Abroad: 05			
	No. of students secured Jobs in PSUs	--		MBA: 02			
	No. of student Entrepreneurs	--		M.Tech.: --			
			Nil				
			Nil				
71.	Other student achievements(not covered above)	YES	Dec, 2017	Paper published by Mr.D. Sanjay on "Android based Student Reminder System " in Oriental Journal of Computer Science and Technology, ISSN: 0974-6471, Vol. 10, NO (4) 2017, Pg. 760-764, 29, December, 2017.		[Signature]	
72.	Newsletters released					Details are in AA_C26 file.	[Signature]
	(i) Odd semester	YES	Dec, 2017	"INNOVATA"-Issue:13			
	(ii) Even semester	YES	May, 2018	"INNOVATA"- Issue:14			
73.	Yearly Magazine released	YES	April, 2018	"BITWISE" - Issue:7			
74.	Self Appraisal reports (PBAS) are submitted by faculty	YES	26-6-2018	Details are in AA_C27 file.		[Signature]	
75.	Self Appraisal reports are submitted by Non-teaching staff	YES	25-5-2018				
76.	Department Advisory Committee (DAC) meetings are held regularly	YES	15.05.2018	Details are in AA_C28 file.		[Signature]	
77.	Alumni visited the department (not covered under Alumni interactive sessions above)	YES	During A.Y.2017-18	Details are in AA_C29 file.		[Signature]	
78.	Alumni funded the department (if any)	NO				[Signature]	
79.	MoUs signed /Collaborations established	YES	Dec, 2017	CYIENT Ltd., Hyderabad.		[Signature]	
			15.5.2017	TCS Ltd., Hyderabad.			
			31.08.2018	Oracle Academy			
80.	Any other Department Achievements (not covered above)	NO				[Signature]	

A.K 10.9.18



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Best Practices of the Department

1. Counselling (Mentorship) Program.
2. Stakeholders Involvement.
3. Skill and Employability Enhancement for Students.

SWOC Analysis of the Department

Strengths:

- Well qualified, experienced and dedicated faculty with good retention.
- Good infrastructure with well equipped labs and facilities.
- Continuous monitoring and counselling of students for the overall improvement of the students and to discuss their problems regarding academics and other facilities.
- Department organizes FDP's /Training to faculty & guest lectures to students periodically.
- Significant number of meritorious students is taking admission and the quality of the enrolled students is improving every year.
- Placement Training, Personality Development programme, professional development activities and value added programmes are conducted for students' career development.
- Good placement record.
- Remedial and Makeup classes are being conducted to improve the students performance.

Weakness:

- Post Graduate course has to be introduced.
- Research laboratory has to be established.
- Department has to get grants from reputed organizations.
- More number of faculty have to complete their Ph.D's.
- R&D and consultancy need to be enhanced.
- Appoint adjunct / visiting professors from Industry/academia.

Opportunities:

- Providing financial assistance to the faculty to attend conferences and paper presentation.



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- Motivating the faculty members in publication and research.
- To organize more Workshops in the department for students and faculty to impart the knowledge and hands-on experience on latest technologies & tools.
- To motivate students to be successful entrepreneurs.
- Since department is having young and energetic teaching fraternity, there is a lot of scope for research work. Department can try to generate funds from consultancy work and provide hands on experience to the students.

Challenges:

- Updating of curriculum according to the industrial expectations.
- To groom the students ready to cope up with the industry needs.
- Motivating the students to attend Summer Internships to get an exposure to the corporate world.
- To get funds/ grants from funding Agencies.
- To concentrate on improving the soft skills and technical skills of the students as most of the students are from rural background.
- To sign MoUs with companies to have collaborative domain & specific training programs.

Short Term Goals of the Department	
Short term goal 1: To apply for Post Graduate Programme.	Action Plan: Planning to apply for next academic year.
Short term goal 2: To Increase the students intake from 60 seats to 120 seats.	Action Plan: Planning to apply for next academic year.
Short term goal 3: To improve students placements.	Action Plan: 1. During association hour, we are planning to conduct motivation sessions with already placed students in different companies. 2. Planning to conduct special classes on Saturday's to improve technical skills of the students. 3. Planning to invite eminent speakers from industries for delivering guest lectures on latest technologies at regular intervals.

P 210.9.18



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Long Term Goal of the Department

Long term goal: Encourage the faculty

- To complete Ph.D. Programme.
- To publish research papers and claiming patents.
- To acquire research grants.

} To be
partially
modified

Action Plan:

1. Motivating faculty to apply for research grants every year.
2. Regular monitoring of research progress of individual faculty.
3. Planning to organize research talks by experts to improve effective research capabilities.



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Overall Suggestions / Remarks by Department Academic Audit Committee Members:

- ① Faculty are advised to take up online course certifications.
- ② To initiate consultancy work because in future we are going for Tier - I NBA.

Date of Academic audit: 12/09/18

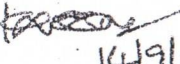
Name & Signature of HoD:

Dr. P. Kamakshi  12-9-18

Department Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
01.	Dr. G. Raghobham Reddy	Prof. HOD, ECE	 12/09/18
02.	Dr. M. V. Reddy	Prof. CSD	 12/09/18

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH  14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. Ashoka Reddy  14/9/18



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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DEPARTMENT OF MANAGEMENT

DEPARTMENT ACADEMIC AUDIT

Academic Year: 2017- 2018

Please fill the following information:

Date: ¹² ~~11~~ September 2018

Name of the Department	MANAGEMENT
Head of the Department	Dr.V.Nivedita Reddy
Department Advisory Committee (DAC)	Dr.V.Nivedita Reddy Dr.P.Surender Dr.G.Rathnakar Dr.Sunitha Chakravarthy

A. Details of Programmes offered by the Department:

Programme Level	Name of the Programme	Year	Sanctioned Intake + Lateral entry	No. of students admitted	No. of students not registered	Whether NBA accredited?	Validation period of NBA accreditation along with File No. & date
PG	MBA	2017	60	59	1	No	-

ATCE-approval
Student list to
be filed.

hkh



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B. Faculty Information: Furnished in AA_F1

1.	Total Faculty in the Department	8
2.	No. of Faculty identified for B.Tech: I year (considering fractional load)	-
3.	No. of Faculty identified for UG (B.Tech. II, III & IV year) (considering fractional load)	6
4.	No. of Faculty identified for PG (considering fractional load)	7
5.	Faculty : Student ratio (FSR) for UG	-
6.	Faculty : Student ratio (FSR) for PG	1:15
7.	Faculty Cadre Ratio:	
	(i) No. of Professors	1
	(ii) No. of Assoc. Prof.	3
	(iii) No. of Asst. Prof.	4
	(iv) Faculty Cadre Ratio =	1:3:4
8.	Faculty Qualification:	
	(i) No. of Faculty with Ph.D.	6
	(ii) No. of Faculty with M.Tech/MBA	8
	(iii) No. of Faculty with B.Tech/MCA/MSc	-
9.	No. of faculty pursuing Ph.D.	1
10.	No. of faculty with degrees from IITs/NITs	-
11.	No. of faculty with degrees from Universities abroad	-
12.	No. of faculty identified as Research Supervisors by various Universities	-

GR



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C. Assessment Data

- Please mention YES or NO in second column
- Mention Date of item (if any) in third column
- Required details can be filled in Remarks column
- Mention -N.A- if any data is irrelevant in the Remarks column

S. No.	Item	YES/ NO	Date	Remarks by Department	Remarks by Audit Committee
1.	New programs added	No	--		
2.	No. of UG Laboratories	N.A	--		
3.	No. of PG Laboratories	N.A Yes	--	Yes	
4.	New laboratories added	N.A			} To be added!
5.	Total cost of equipment in all laboratories	N.A	--		
6.	Cost of newly added equipment	N.A	--		
7.	Curriculum revision done	No			
8.	Survey taken from stakeholders on syllabus revision or course content	Yes	22/04/2018 24/05/2018	Furnished in AA_C3	OK.
9.	Action taken report prepared on stakeholders feedback	Yes	30/5/2018	Furnished in AA_C3	
10.	Survey reports available on website	No			—
11.	Board of Studies meeting conducted	No			—
12.	Syllabus is approved by Academic Council	No Yes	app. on 20/4		—
13.	UG Workload allotted to faculty			Avg. work load: 32 Faculty required: 2 Faculty existing: 2 Furnished in AA_C4	OK.
14.	PG Workload allotted to faculty			Avg. work load: 96 Faculty required: 6 Faculty existing: 6 Furnished in AA_C4	OK.
15.	Faculty Recruited	No		No. of faculty recruited: Nil	OK



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16.	Calendar for Dept. Association activities prepared	Yes		Furnished in AA_C5	Reports to be submitted
17.	Regular counselling of students is done	Yes	4/08/2017 (III SEM)	1 st Friday of every month Furnished in AA_C6	OK.
18.	Teaching schedules are uploaded into CMS before commencement of class work	Yes	2/7/2018 (III SEM) 1/8/2018 (I SEM)	The teaching schedules are posted one week before the commencement of Class Work Furnished in AA_C7	OK.
19.	Assignments are posted timely into CMS as per teaching schedule	Yes	23/1/2018 5/2/2018 5/7/2018	Assignment Schedules are prepared and communicated to students well before the commencement of class work Furnished in AA_C7	OK.
20.	Evaluation of assignments & posting of marks into CMS is done as per Assignment schedule	Yes		Date of posting marks is also mentioned in the assignment schedule Furnished in AA_C7	OK.
21.	Regular Course Committee meetings (CCM) are conducted by Course coordinator	N.A.			OK.
22.	Action taken report is prepared on CCMs conducted	N.A.			OK.
23.	Online feedback taken from students before MSE-I	Yes	MBA I SEM 26/10/2017 MBA III SEM 23/08/2017 MBA II SEM 8/3/2018 MBA IV SEM 19/02.2018	Furnished in AA_C9	OK.
24.	Class Representative Committee meetings (CRC-I) are conducted before MSE-I	Yes	MBA I SEM 26/10/2017 MBA III SEM 23/08/2017	Furnished in AA_C10	OK.



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			MBA II SEM 8/3/2018 MBA IV SEM 19/02.2018		
25.	Action taken report is prepared on CRC-I meetings conducted	Yes	MBA I SEM 27/10/2017 MBA III SEM 24/08/2017 MBA II SEM 9/3/2018 MBA IV SEM 22/02.2018	Furnished in AA_C9	OK.
26.	Course Review meeting (CRM-I) conducted after MSE-I by HoD for courses of B.Tech II, III & IV year	Yes	3/11/2017(MBAI) 23/3/2017(MBAII) 21/09/2017(MBAIII) 19/03/2018(MBAIV)	Furnished in AA_C10	OK.
27.	Action taken report prepared on CRM-I meetings conducted	Yes	3/11/2017(MBAI) 23/3/2017(MBAII) 21/09/2017(MBAIII) 19/03/2018(MBAIV)	Furnished in AA_C10	OK.
28.	Student Progress report sent to parents after MSE-I	No	-		OK
29.	Remedial classes conducted as per timetable	No	-		OK.
30.	Online feedback taken from students before MSE-II	Yes	MBA I SEM 21/12/2017 MBA III SEM 15/11/2017 MBA II SEM 23/4/2018 MBA IV SEM 17/04.2018	Furnished in AA_C9	OK.
31.	Class Representative Committee meetings (CRC-II) are conducted before MSE-II	Yes	MBA I SEM 21/12/2017 MBA III SEM	Furnished in AA_C9	OK.



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			15/11/2017 MBA II SEM 23/4/2018 MBA IV SEM 17/04.2018		
32.	Action taken report is prepared on CRC-II meetings conducted	Yes	MBA I SEM 22/12/2017 MBA III SEM 15/11/2017 MBA II SEM 24/4/2018 MBA IV SEM 18/04.2018	Furnished in AA_C9	OK.
33.	Course Review meeting (CRM-II) conducted after MSE-II by HoD for courses of B.Tech II, III & IV year	-	10/1/2018(MBAI) 06/5/2018(MBAII) 19/11/2017(MBAIII) 02/05/2018(MBAIV)	Furnished in AA_C10	OK.
34.	Action taken report is prepared on CRM-II meetings conducted	-	10/1/2018(MBAI) 06/5/2018(MBAII) 19/11/2017(MBAIII) 02/05/2018(MBAIV)	Furnished in AA_C10	OK.
35.	Dossier is prepared for students having shortage of attendance	No	-		OK
36.	Any student detained due to shortage of attendance	No	-		OK
37.	Makeup classes are arranged for students writing supplementary exams	No	--		OK.
38.	Faculty is using ICT based teaching	Yes	-	Both our class rooms are e-classrooms, hence most of the faculty are using ICT based teaching regularly in the classes.	To create a document
39.	Additional teaching material (Handouts) are given to students	Yes	-	Shared on Student WhatsApp groups and CMS(AA_C13)	OK



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40.	NPTEL lectures screened	Yes	23/3/2018 27/3/2018 2/04/2018	Lectures in Finance and Marketing were screened Furnished in AA_C13	OK
41.	Advancements in relevant areas (published in Conference proceedings / journal papers) are discussed in class	Yes	-	Furnished in AA_C41	
Result analysis after ESE evaluation:					
42.	(i) CO, PO Direct attainments are calculated	Yes	2017-18	Direct attainment: CAPO1: 0.6 CAPO2: 0.5 CAPO3: 0.6 CAPO4: 0.7 CAPO5: 0.5 CASO1: 0.4 CASO2: 0.6 CASO3: 0.5 Furnished in AA_C14	OK
	(ii) Gaps are identified & Action taken report is prepared and minutes are recorded	Yes	2017-18	Furnished in AA_C14	To prepare a copy
43.	Survey is conducted for Indirect Assessment of PO & PSO attainment		--		
	(i) Exit survey	Yes	19/04/2018	Furnished in AA_C14	OK
	(ii) Parent survey	Yes	19/04/2018	Furnished in AA_C14	OK
	(iii) Alumni survey	Yes	2/05/2018	Furnished in AA_C14	OK
	(iv) Recruiter survey	No	-		
44.	Indirect attainment of PO & PSO is calculated	No	-	Indirect attainment:-	To prepare a copy
45.	Overall attainment of PO & PSO is calculated	YES	2017-18	CAPO1: 0.6 CAPO2: 0.5 CAPO3: 0.6 CAPO4: 0.7 CAPO5: 0.5 CASO1: 0.4	To prepare a copy



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50.	Dossier of detained students filed	Yes	-	Dossier are filed in Personal files of Students	
51.	Course Review Meeting (CRM) conducted for B.Tech. I Year after MSE-II	Yes	-	Conducted at Department Level	Documents are to be collected from Dept.
52.	NAAC accredited	No	-		
53.	NIRF ranked	Yes	04-04-2017	Rank Band - 151 to 200	
54.	Any other Private Agency ranked (India Today) (DQ-CMR Survey-2017) (AICTE-CII Survey of Industry)	Yes	04-06-2018 01-07-2017	Rank - 135 Rank - 59 position in India, 3 rd in TS Ranked as GOLD CATEGORY-2017	



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Overall Suggestions / Remarks by Academic Audit Committee Members:

1. overall maintenance of files is good.
2. Some documents are to be collected from other departments collection.

Date of Academic audit: 12/09/2018

Name & Signature of Dean, Academic Affairs: Dr. C. Venkatesh. CVS
12/9/18

Name & Signature of Faculty I/c, Academic Affairs:

Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1.	Dr. K. V. Raghu Babu	Professor & Head, PSS	
2.	Dr. PS Narachandran	Prof.	

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH CVS
14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. ASHOKA REDDY Dr. K. Ashoka Reddy
14/9/18



ACADEMIC AUDIT
EXAMINATION BRANCH

Date: ¹²~~11~~-09-2018

Academic Year: 2017-2018

Controller of Examinations	Dr. K. Raja Narendra Reddy, Professor, Dept. of ME
Addl. Controller of Examinations	Mr. B. Kiran Kumar, Assoc. Prof., Dept. of IT
Professor Incharge of Examinations	Dr. Ch. Sribabu, Professor, Dept. of PSS
Faculty Incharge of Examinations	Dr. K. Rajendra Prasad, Asst. Prof., Dept. of PSS

A. Examination details:

i. End Semester Exam (ESE) - Regular - ODD Semester

Examination	Total No. of Students Registered	Total No. of Courses Regd. by Students	No. of Courses Absent	No. of Malpractice Cases	Result
B. Tech. - I semester	1070	9117	52	04	78.51
B. Tech. - III semester	1236	9536	53	01	74.90
B. Tech. - V semester	1011	8842	30	14	82.04
B. Tech. - VII semester	759	6072	24	-	94.26
M. Tech. - I semester	143	1227	38	02	92.06
MBA - I semester	60	532	16	-	71.93
MBA - III semester	43	387	11	-	100.00



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ii. End Semester Exam (ESE) - Supplementary - ODD Semester

Examination	Total No. of Students Registered	Total No. of Courses Regd. by Students	No. of Courses Absent	No. of Malpractice Cases	Result
B. Tech. - II semester	291	679	54	01	25.09
B. Tech. - IV semester	242	610	80	-	21.90
B. Tech - VI semester	57	148	32	01	36.84

iii. End Semester Exam (ESE) - Regular - EVEN Semester

Examination	Total No. of Students Registered	Total No. of Courses Regd. by Students	No. of Courses Absent	No. of Malpractice Cases	Result
B. Tech. - II semester	1091	9178	72	01	82.83
B. Tech. - IV semester	1159	9358	66	-	82.63
B. Tech - VI semester	1011	8864	62	06	87.55
B. Tech - VIII semester	757	5299	06	01	99.60
M. Tech. - II semester	139	1175	43	-	90.16
MBA - II semester	59	515	20	-	90.74
MBA - IV semester	45	384	11	-	95.12



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iv. End Semester Exam (ESE) - Supplementary - EVEN Semester

Examination	Total No. of Students Registered	Total No. of Courses Regd. by Students	No. of Courses Absent	No. of Malpractice Cases	Result
B. Tech. - I semester	346	740	57	01	19.36
B. Tech. - III semester	431	1026	92	-	34.11
B. Tech - V semester	185	409	58	01	52.43
B. Tech - VII semester	47	80	11	01	80.85

B. Please write Yes or No and mention date of item (if any) and remarks.

S.No.	Item	Yes / No	Date	Remarks by Examination Branch	Remarks by Audit Committee
1.	Regular & Supplementary examination schedules implemented as per Almanac	Yes	--	--	Yes.
2.	Invigilation allotted to faculty well in advance	Yes	--	Refer Invigilation Duties File	Yes
3.	Exam branch brochure released annually	Yes	11-09-2018	From 2017-18 onwards Refer EB Brochure	Yes
4.	Release of exam schedules for UG & PG	Yes		Refer ESE & MSE Time Tables File	Yes
5.	MSE question papers printed in time	Yes	As per the allotted slot	One Week before the schedule	Yes
6.	ESE question papers printed in time	Yes		One Day before the schedule	Yes
7.	Moderation of ESE question papers done in time	Yes		One Week before the schedule	Yes
8.	ESE results published in time	Yes		No. of days after the exam: Refer Results File	Yes



9.	MSE and ESE question papers are stored	Yes		ESE soft copy available in portal, hard copy available in the EB and also forwarded to Central Library	Yes
10.	Meetings conducted with department coordinators	Yes		Refer Minutes of the Meeting File	Yes
11.	Result analysis done	Yes		Refer Results File	Yes
12.	Exam branch annual report prepared annually	Yes		Refer Annual Reports	Yes

C. Best Practices, SWOC Analysis, Short Term and Long Term Goals:

SWOC analysis of the Examination Branch	
Strengths:	➤ Committed staff and faculty ➤ Automation tool ➤ Payment Gateway Integration with Billdesk for online fee payment ➤ Digital duplicator (105 ppm) ➤ Integration of QR code in Consolidated Grade Sheet ➤ Service to the society by conducting competitive examinations ➤ SMS facility for quick, updated information flow to students and parents
Weakness:	➤ Insufficient number of rooms for conducting theory exams ➤ Insufficient number of Drawing Halls for conducting Drawing exams ➤ Lacking Public Addressing System to address invigilators i) at distribution room ii) at gate during competitive examinations ➤ Congested distribution room ➤ Insufficient space for storing of ESE and MSE answer scripts
Opportunities:	➤ On-line valuation ➤ In house paper setting ➤ In house valuation



Challenges:

- Non availability of centralized digital data with respect to faculty list
- Non availability of centralized digital data with respect to updated individual time tables
- Non availability of centralized digital data with respect to updated students list and electives opted by the students.
- Unforeseen bandh calls during the examination
- Delay in receipt of updated panel of examiners from departments
- Delay in receipt of ESE Question papers from paper setters
- Panel members expression of inability to set question paper
- Inclusion of name in panel without their prior consent
- Repetition of Examiner Names in panels for more than one course

Best Practices

Student centric:

- Examination portal to access all examination information.
- Online Examination Fee Payment
- Instant Online fee payment receipt is being provided after successful fee payment for regular/supplementary examination or re-valuation.
- Online Hall Ticket
- The students can view the results, when published
- The students can download internet downloadable grade sheet
- The students can download and refer the Previous Question Papers of End Semester Examinations through online
- The students can register for revaluation.
- The students can pay Re-valuation examination fee online.
- The students can view the revaluation results, when published.
- The students can download internet downloadable revaluation grade sheet.
- The students can apply and pay online for CMM, PC & OD
- Examination Branch communicating, through SMS, about the status of candidate/parent application like issue of PC, CGS, Transcripts, CGPA to Percentage conversion certificate, Name correction and information regarding fee notifications and examination schedules.



Parents centric :

- Examination Branch communicating information to parents regarding absent of their ward to the examination, if any, through SMS. Also communicating about the status of applications like PC, CGS, Name correction, Transcripts, CGPA to Percentage conversion certificate and information regarding fee notifications, examination schedules.
- During parents visit / interaction, quick updated consolidated grade sheets information, up to the current semester is being provided.

Faculty centric:

- MSE question paper templates are provided
- A separate mid semester question paper printing slot is given to the faculty members to optimize their time and also to acquire the question papers well in advance and to store under the control of Addl. Controller of Examinations / Prof. I/c of Examinations.
- Report pane is provided to save faculty time
- Continuous Internal evaluation report pane

HOD Centric:

- Student performance report is provided which displays semester-wise academic results of a student including SGPA and CGPA, upto the current semester
- Result Analysis is being provided in various formats

Administration centric

- Student Database
- Monthly planner
- Student specific pre-printed bar coded OMR answer booklets
- Jumbling system in room-wise daily seating arrangement
- Jumbling system in discipline-wise daily seating arrangement
- Specific procedure is religiously followed & two stage manual scrutiny of documents is carried out to avoid errors
- Tamper-proof Consolidated Grade Sheets with encrypted QR code is being issued.
- The results of UG & PG are declared within the time frame after the last examination. The results are published in the college website.
- Special attention to Physically challenged/differently abled/students with health reasons:
 - Permitting scribes during the examinations.
 - Providing exclusive seating to suit their requirements and also availing health supervisor services



Short Term Goals	
Short term goal 1: Digitization & posting MSE Question Papers online	Action Plan: Scanning process started and requested service provider to add a link to upload
Short term goal 2: Providing access of Digital Question Papers (ESE & MSE) to faculty at www.kitswexams.com	Action Plan: Login credentials page to be designed, requested service provider
Short term goal 3: Issue of instant pre-printed duplicate Admit Card, on demand	Action Plan: Module development is in progress

Long Term Goals
➤ Zero % Malpractice by continuously educating all the students ➤ Online valuation ➤ In house paper setting ➤ In house valuation of ESE scripts ➤ In house software development for Examination Branch activities to have CO-PO mapping etc. to meet NBA, NAAC and other PEER COMMITTEE visit requirements ➤ To develop fully automated software without depending on CMS ➤ Enhancement of number of staff



Overall Suggestions/ Remarks by Examination Branch -Academic Audit Committee Members:

- * All files are properly furnished as per the detailed report.
- * Best practices are properly categorised
- * Signatures of Principal & concerned authorities are missing in malpractice register.
- * Overall presentation is excellent.
- * It would be a good practice to send the top 5 students list to the Department.
- * Access to digital papers to faculty should be ~~available~~ ^{at the earliest} for appropriate display.

Date of Academic audit: 12.09.2018

Name & Signature of Controller of Examination: Dr. K. Raghav Reddy

Examination Branch -Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1	Dr. K. Sridhar	Professor of mech. Engg. & Dean, Student Affairs	K. Sridhar
2	Dr. V. Nivedita Reddy	Head, mBAD	Nivedita

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH

CVP
14/9/18

Name & Signature of Academic Audit Committee Chairman: Dr. K. ASHOKA REDDY

ASR
14/9/18



ACADEMIC AUDIT

Establishment Section

Date: 12-09-2018

Please fill the following information:

Academic Year : 2017 - 2018

Dean, Administration:	Dr. P. Ramesh Reddy
Staff:	Sri. G. Ravinder
Superintendent:	
Jr. Assistant:	Smt. Ch. Radha Devi, Sr. Asst.
	Smt. V. Chandana, Jr. Asst.
	Sri. P. Bharadwaj, Jr. Asst.

A. Qualifications of the teaching staff at the Institute:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D.	22	02	09	03	21	08	65 ✓
M.Tech/MBA/M.Phil.	03	01	14	05	89	36	148
B.Tech/MCA/MSc/M.A	---	---	---	---	07	04	11
Total:	25	03	23	08	117	48	224

B. Department wise faculty details:

S. No.	Department	No. of Faculty with PhD	No. of Faculty with PG	No. of Faculty with UG	Total no. of Faculty	Avg. Teaching experience
1	CE	05	21	Nil	26	5.88 Years
2	ME	09	26	Nil	35	8.60 Years
3	EIE	03	13	Nil	16	11.14 Years
4	EEE	06	16	Nil	22	6.86 Years
5	CSE	06	30	Nil	36	7.78 Years



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6	IT	01	12	Nil	13	11.30 Years
7	ECE	06	26	Nil	32	7.22 Years
8	M&H	08	06	Nil	14	13.35 Years
9	PSS	12	05	Nil	17	10.23 Years
10	MBA	06	05	Nil	11	7.42 Years
11	Phy. Edn.	02	---	Nil	02	18 Years

Please write Yes or No and mention date & remarks, wherever applicable.

S. No.	Particular	Yes / No	Date	Remarks by the Section	Remarks by the Committee
1.	Governing Body meeting conducted	Yes	23.12.2017	Frequency of meeting: Per Calendar Year Two	
2.	Administrative Committee meeting conducted	Yes	04.11.2017 02.03.2018 09.03.2018	Frequency of meeting: Per Calendar Year Four	
3.	Faculty deputed for FDPs/workshops	20	List Appended	Number: 05 with FC Amount sponsored:	
4.	Faculty sponsored for conferences	07	List Appended	Number: 05 with FC Amount sponsored:	
5.	Faculty acquired PhD	Yes	---	Number: 02 (Dr. V. Shankar, Dr. G. Sudheer Kumar)	
6.	Faculty pursuing PhD	Yes	---	Number: 46	More details to be included
7.	Faculty sponsored to pursue PhD	NO	---	Number: ---	
8.	Faculty having degrees from IITs/NITs	Yes	---	Number: 06 (Dr. K. Ashoka Reddy., K. Harish, A. Madhukar Rao, Rakesh Chandra, M. Rarasmha Rao, Rajendra Naik)	Further information to be collected from Deptt.
9.	Faculty having degrees from Universities abroad	No	---	Number: ---	---do---
10.	Any faculty appreciations given	---	---	---	---
11.	Self appraisal reports (PBAS) are collected every year	Yes	---	From all Regular Faculty	
12.	Self appraisal reports of non-teaching staff collected every year	Yes	---	From all Regular Non - Teaching Staff	

KAKATIYA INSTITUTE OF TECHNOLOGY & SCEINCE, WARANGAL - 506 015

Details of faculty sponsored for workshops/Faculty Development

Programs during the academic year 2017-18 (1st July, 2017 to 30th June, 2018.

Sl. No	Name of the Faculty	Name of the Workshop	Dates	FC	Remarks
1	Dr.K.Indrasena Reddy, Asst. Librarian	Workshop on Digitization and its techniques	26 th & 27 th 08, 2017	NO	
2	Sri Ch.Pravan Kumar, Assistant Professor	Analyzing the impact of tunnel field effect transistor for Ultra-low power applications using TCAD Tools	04.09.2017 to 16.09.2017 01.11.2017 to 08.11.2017	NO	include name!
3	Dr.K.Indrasena Reddy, Asst. Librarian	Elsevier Connect	22.09. 2017	NO	!
4	Sri B.Krishna Sundeep, Asst. Prof	Embedded Systems and Wireless (IoT) Hands on Workshop	24 th - 29 th Nove, 2017	NO	!
5	B.Venu Maheswar Rao, Asst. Prof	Embedded Systems and Wireless (IoT) Hands on Workshop	24 th - 29 th Nov. 2017	NO	;
6	Sri P.Chiranjeevi Asst. Prof	Engineering Research Methodology	11 th to 14 th Dece. 2017	NO	!
7	Dr. M.Andal, Associate Professor	Sustainability and Human Needs	11-12-2017 to 22-12-2017	NO	!
8	Dr. B.Rama Devi, Asso. Prof.	5G Wireless Communication	18.12.2017 to 23.12. 2017	NO	!

Sl. No	Name of the Faculty	Name of the Workshop	Dates	FC	Remarks
9	Smt. E. Sushmitha, Asst. Prof	5G Wireless Communication	18.12.2017 to 23.12. 2017	NO	
10	Smt. R.Nirmala Devi, Associate Professor	5G Wireless Communication	18.12.2017 to 23.12. 2017	NO	
11	Sri M. Narsimha Rao, Asso. Prof	High Voltage Gain Soft Switching Advanced Current Fed Technologies for Micro grid and Electric Transportation	18.12.2017 to 23.12. 2017	NO	
12	Smt. T.Swetha, Asst. Prof	High Voltage Gain Soft Switching Advanced Current Fed Technologies for Micro grid and Electric Transportation	18.12.2017 to 23.12. 2017	NO	
13	Sri G.Sunil Kumar, Asst Professor	Power Electronic System Design and Applications	03.06.2018 to 12.06.2018	NO	
14	Ms. S. Harpreeth Kaur, Assistant Professor	Workshop on "Uses of SPSS	19 th to 25 th January, 2018	NO	
15	Mrs. Sree Laxmi Pavani, Asst. Professor	Workshop on "Free & Open Source Geospatial Technologies for Teachers in Higher Education	14 th to 18 th March, 2018	NO	
16	Dr. K.V.Raghubabau Prof. & Head, PSS	5-day Workshop on "Induction program for B.Tech I Year Students (AICTE approved Collèges)	27.06.2017 to 01.07.2017	YES	
17	Sri M. V. Phanindra Asst. Prof.	5-day Workshop on "Induction program for B.Tech I Year Students(AICTE approved Colleges)	27.06.2017 to 01.07.2017	YES	
18	Sri M. Srikanth, Asso. Prof.	One -day Workshop on "Faecal Sludge & Septage Monitoring- Workshop for environmental Laboratories	5 th August, 2017 at ASCI Campus	YES	
19	Sri D. RajKumar Asst. Prof.	One -day Workshop on "Faecal Sludge & Septage Monitoring- Workshop for environmental Laboratories	5 th August, 2017 at ASCI Campus	YES	
20	Sri E. Kiran Kumar Corporate Executive	One -day Workshop on "Faecal Sludge & Septage Monitoring- Workshop for environmental Laboratories	5 th August, 2017 at ASCI Campus	YES	



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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Overall Suggestions / Remarks by Establishment-Academic Audit Committee Members:

1. Show the required records as per the format.
Found everything in order.
2. Some more information is to be included in items 1, 8.
3. ^{organising institute} venues of workshops/conferences are to be included.

Date of Academic audit: 12-9-18

12-9-18

Name & Signature of Dean, Administration:

Establishment-Academic Audit Committee Members: P. S. Narayana Rao 12-9-18

S. No.	Name of the Member	Designation	Signature
1	Dr. P. S. Narayana Rao	Prof.	P. S. Narayana Rao
2	Dr. K. V. Raghunath	Professor & Head, P.C.S	[Signature]

Name & Signature of Academic Audit Committee Convenor: DR. C. VENKATESH

[Signature] 14/9/18

Name & Signature of Academic Audit Committee Chairman: DR. K. ASHOKA REDDY

[Signature] 14/9/18



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
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ACADEMIC AUDIT

Library

Date: 12-09-2018

Please fill the following information:

Academic Year: 2017-18

Chairman, Library Advisory Committee:	Dr. M. Veera Reddy, Professor, CE	140	Librarian
Librarian:	Dr. K. Indrasena Reddy		Chairman
Library Advisory Committee:			Member
	1. Dr. M. Veera Reddy, Professor, CE		Member
	2. Prof. A. Srihari Rao, Prof., MHS		Member
	3. Dr. M. Andal, Assoc. Prof., Civil		Member
	4. Sri. O. Anjaneyulu, Assoc. Prof., E&I		Member
	5. Dr. G. Rajender Naik, Asst. Prof. EEE		Member
	6. Smt. P. Suma Asst. Prof., IT		Member
	7. Sri. B. Komaraiah, Asst. Prof., ECE		Member
	8. Sri. V. Sampath, Asst. Prof., Mech.		Member
	9. Sri. B. Hanmanthu, Asst. Prof., CSE		Member
	10. Dr. G. Shailaja, Asst. Prof., Management		Member
	11. Dr. H. Ramesh Babu, Asst. Prof., PSS		Member
	12. Dr. K. Indrasena Reddy I/C Librarian		Convener



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A. Programme level facilities:

Programme Level	Name of the Item	AICTE Norm	Existing	Remarks by Chairman, Library Advisory Committee	Remarks by the Committee
UG (B.Tech.)	No. of Titles	Show calculations: 10250	11949		
	New Titles added	Show calculations: 350 (7 Courses @ 50)	514		
	No. of Volumes	Show calculations: 55250	61393		
	New Volumes added	Show calculations: 1750 (7 Course @ 250)	4983		
	Reading Room Capacity	Show calculations: 150	100	need to improve	Taking care of capacity
	No. of PCs for Digital library	Show calculations: 10	25		
	National Journals (Hard copy)	Show calculations: 90 Each section 6 (15x6=90)	90		
	International Journals (Hard copy)	Show calculations: Desirable	10 PUBLISHERS AICTE-INDEST	International e-Journals	
	e-Journals (National)	Show calculations:			
	e-Journals (International)	Show calculations: As per AICTE appendix 10			



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Programme Level	Name of the Item	AICTE Norm	Existing	Remarks by librarian	Remarks by the Committee
PG (MBA)	No. of Titles	Show calculations: 650	605	Need to Improve	} need to provide
	New Titles added	Show calculations: 50 (each section 50)	0	Need to Improve	
	No. of Volumes	Show calculations: 6000	5004	- do -	
	New Volumes added	Show calculations: 500 (each section 500)	0	- do -	
	Reading Room Capacity	Show calculations: 100	100	No separate space for PC	
	No. of PCs for Digital library	Show calculations: 10	25		
	National Journals (Hard copy)	Show calculations: 12	12		
	International Journals (Hard copy)	Show calculations: Desirable	2 PUBLISHERS AICTE- INDEST		
	e-Journals - (National)	Show calculations:			
	e-Journals (International)	Show calculations: As per AICTE			



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B. Common facilities as per AICTE norm:

Facilities as per AICTE norm:					
S. No.	Name of the Item	YES or NO	Remarks by librarian	Remarks by the Committee	
1.	NPTEL facility	YES	Seating Capacity: 72		
			Local chapter details: YES ✓		
			Total No. of Video lectures: 1176 ✓		
			CE: 115		ME: 150
			EIE: 88		CSE: 110
			EEE: 87		ECE: 88
			IT: 110		MBA: 35
Others: 335					
2.	Computerized Indexing with Bar coding/ RF tagging for books	YES			
3.	NDL Membership	YES			
4.	e-Shodh Sindhu Membership	YES			
5.	Reprographic facility	YES NO -	need to provide in the library	To make temporary arrangement	
6.	Document scanning facility	YES			
7.	Secured Wi-Fi facility	YES			
8.	Provision of space	YES			



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Overall Suggestions/Remarks by Academic Audit Committee Members:

Certain Remarks are passed on point by point - 1) Need to improve reading room capacity 2) Need to procure latest software for automation 3) Need to procure a xerox machine 4) Need to procure titles and volumes as required for M.B.A. 5) Need to improve the ambience of Library

Date of Academic audit: 12.09.2018

Name & Signature of Dean, Chairman Library Advisory Committee:

Academic Audit Committee Members:

S. No.	Name of the Member	Designation	Signature
1	P. Ramesh Reddy	Prof & Phy-Edu.	12-9-18
2	R. Raminder Rao	Prof. of Mech. Engg	12/9/18

Name & Signature of Academic Audit Committee Convenor: Dr. C. VENKATESH

Name & Signature of Academic Audit Committee Chairman: Dr. K. Ashok

12-9-18
P. Ramesh Reddy