



**KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE**

Warangal - 506 015, Telangana, INDIA (An Autonomous Institute under Kakatiya University, Warangal)

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం వరంగల్ - ౫౦౬౦౧౫.

## RESOLUTIONS

OF

### 2<sup>nd</sup> MEETING OF THE INTERNAL QUALITY ASSURANCE CELL (KITSW-2019-IQAC2)

Meeting held on 30.11.2019 from 11.00 a.m. to 1.00 p.m. at Committee Hall, KITSW

#### **IQAC Committee:**

Prof. K. Ashoka Reddy, <i>Principal, KITSW</i>	Chairman
Dr. C. Venkatesh, <i>Professor</i>	Coordinator, IQAC
Sri. P. Narayana Reddy, <i>Treasurer</i>	Internal Member (Management)
Sri P. Sadasiva Rao, <i>Advocate, Warangal</i>	External Member (Advocate)
Sri N. Naveen Chandra (1980-84 batch-ME)	External Member (Alumni)
Mukkeravitha, <i>IV year B.Tech-ECE(B17EC207L)</i>	External Member (Student)
Sri. Ch. Venkata Phani Kumar, <i>Senior Software Development Manager, Amazon, Hyderabad</i>	External Member (Employer)
Sri Suresh Reddy, <i>Amrutha Tools, Hyderabad</i>	External Member (Industry)
Sri Gade Vijay Pratap Reddy (Parent of Gade Bala Hamish Reddy, B16CS160, IV B.Tech - CSE)	External Member (Parent)
Dr. P. Ramesh Reddy, <i>Professor</i>	Internal Member - Dean Administration
Dr. C. Venkatesh, <i>Professor</i>	Internal Member - Dean Academic Affairs
Sri M. Narsimha Rao, <i>Assoc.Professor</i>	Internal Member - Assoc. Dean Student Affairs
Dr. K. Rajanarender Reddy, <i>Professor</i>	Internal Member - Controller of Examinations
Dr. P. Srikanth, <i>Professor</i>	Internal Member - Professor I/c, Training & Placement
Dr. K. Ashoka Reddy, <i>Principal, Professor</i>	Internal Member - I/c Dean, R&D
Dr. M. VeeraReddy, <i>Professor</i>	Internal Member - HoD, CE
Dr. K. Sridhar, <i>Professor</i>	Internal Member - HoD, ME
Dr. K. Venumadhav, <i>Professor</i>	Internal Member - HoD,EIE
Dr. C. Venkatesh, <i>Professor</i>	Internal Member - HoD, EEE
Dr. V. Shanker, <i>Professor</i>	Internal Member - HoD, CSE
Dr. P. Kamakshi, <i>Professor</i>	Internal Member - HoD, IT
Dr. B. Ramadevi, <i>Professor</i>	Internal Member - HoD, ECE
Dr. V. Nivedita Reddy, <i>Assoc.Professor</i>	Internal Member - HoD, MBA
Dr. K. Shiva Shanker, <i>Assoc.Professor</i>	Internal Member - HoD, MH
Dr. T. Madhukar Reddy, <i>Assoc.Professor</i>	Internal Member - HoD, PS
Sri M. Raghuram, <i>Faculty I/c. Academic Affairs</i>	Internal Member - Special Invitee
Sri B. Jagadeesh Kumar, <i>Faculty I/c. IQAC</i>	Internal Member - Special Invitee

The agenda for IQAC is on following points:

1. *Appraisal on Academic Audit of various departments and sections for the activities of academic year 2018-19*
  2. *Appraisal on NAAC accreditation to KITSW*
  3. *Appraisal on Institute ranking in NIRF-2019*
  4. *Appraisal on approval of AICTE for 2 new UG programmes – B.Tech(CSN) & B.Tech (ECI)*
  5. *Appraisal on revised syllabus for B.Tech I year and B.Tech II year under URR-18, Introduction of courses – Essence of Indian Traditional Knowledge, Open Elective with associated Lab and Programme Skill Development Lab*
  6. *Appraisal on Yoga Classes conducted for III Semester students of current academic year 2019-20*
  7. *Appraisal on NBA Accreditation to B.Tech. -CE, ME, EEE & IT programmes*
  8. *IQAC activities organized during academic year 2018-19*
  9. *Vision, Mission and Core Values of the Institute*
  10. *Strategic Plan of the Institute*
  11. *Suggestions from members of IQAC*
  12. *Any other item with permission of the Chair*
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- Chairman IQAC extended warm welcome to all the members of IQAC
  - Chairman IQAC introduced the external members to the IQAC committee
    - Sri P. Sadasiva Rao, *Advocate, Warangal*
    - Sri N. Naveen Chandra, *(1980-84 batch-ME) Alumni*
    - Sri Ch. Venkata Phani Kumar, *Employer,*  
*Senior Software Development Manager, Amazon, Hyderabad*
    - Sri Gade Vijay Pratap Reddy, *Parent*
  - Chairman IQAC appraised the members of IQAC about meeting of IQAC-1-2018 held on 15.09.2018 and the members confirmed the minutes of meeting of IQAC-1-2018.

2019-IQAC2-1	To appraise the Academic Audit of various departments and sections for the activities of academic year 2018-19
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In view of assessing the academic activities of the departments/sections for academic year 2018-19 and to identify the scope of improvement in teaching-learning process, Institute Academic Audit Committee (IAAC) is constituted.

The members of the committee visited the departments/sections on 27.08.2019 & 28.08.2019 and Internal Academic Audit was conducted on more than 80 items related to academic activities of the Institute as per the following schedule:

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

**Date & Time of Academic Audit: 27/08/2019 (Tuesday @ 2.30 pm to 4.30pm)**

Department / Section to be audited	Academic Audit Committee Members
CE	Prof. V. Ramaiah, <i>Prof. &amp; HoD, Dept. of EEE</i> Dr. K. Sivani, <i>Prof., Dept. of EIE</i>
EIE	Dr. K. Shiva Shankar, <i>Prof. &amp; HoD, Dept. of M&amp;H</i> Dr. S.G. Narayana Reddy, <i>Prof. I/c ICC &amp; Prof. of CE</i>
ME	Dr. P. Niranjana Reddy, <i>Prof. &amp; HoD, Dept. of CSE</i> Dr. V. Rajagopal, <i>Prof., Dept. of EEE</i>
IT	Dr. G. Raghotham Reddy, <i>Prof. &amp; HoD, Dept. of ECE</i> Dr. H. Raghu Rama Sarma, <i>Prof. of M&amp;H</i>
Exam Branch	Dr. K. Eshwaraiah, <i>Prof., Dept. of ME</i> Dr. V. Niveditha Reddy, <i>Assoc. Prof. &amp; HoD, Dept. of MGMT</i>
Academic Section and Establishment Section	Dr. K.V. Raghubabu, <i>Prof. &amp; HoD, Dept. of PSS</i> Dr. B. Ramadevi, <i>Prof., Dept. of ECE</i>

**Date & Time of Academic Audit: 28/08/2019 (Wednesday @ 2.30 pm to 4.30pm)**

Department / Section to be audited	Academic Audit Committee Members
CSE	Dr. K. Venumadhav, <i>Prof. &amp; HoD, Dept. of EIE</i> Dr. U. Shrinivas Balraj, <i>Prof. of ME</i>
EEE	Dr. P. Kamakshi, <i>Prof. &amp; HoD, Dept. of IT</i> Dr. M. Andal, <i>Prof., Dept. of CE</i>
ECE	Dr. K. Sridhar, <i>Prof. &amp; HoD, Dept. of ME</i> Dr. M. Veera Reddy, <i>LAC Chairman &amp; Prof., Dept. of CE</i>
MGMT	Dr. L. Sudheer Reddy, <i>Prof. &amp; HoD, Dept. of CE</i> Dr. K. Eshwaraiah, <i>Prof. &amp; HoD, Dept. of ME</i>
Library	Dr. P. Ramesh Reddy, <i>Dean Admin &amp; Prof. &amp; HoD, PED</i> Prof. M. Srikanth, <i>Prof. of CE</i>
PSS and M&H	Dr. K. Raja Narendra Reddy, <i>CoE &amp; Prof. of ME</i> Prof. M. Sreelatha, <i>Prof. I/c HESC &amp; Prof. of EIE</i>

The following is gist of the academic audit carried out:

1. Students admission 2018-19

Students admission in A.Y. 2018-19	I year B.Tech.	B.Tech. Lateral entry	M.Tech.	MBA	Ph.D.
Sanctioned	900	180	145	60	-
Admitted	886	175	118	60	-

2. Total number of students on campus during 2018-19:

Total No. of students on campus during 2018-19	UG (B.Tech.)	PG (M.Tech.)	PG (MBA)	Ph.D.	Total
	3867	246	115	48	4276

3. Faculty Strength : 222

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D.	20	03	08	02	21	06	60
M.Tech / MBA / M.Phil	02	01	15	05	93	38	154
B.Tech./ MCA / M.Sc. / MA	-	-	-	-	04	04	08
<b>Total</b>	<b>22</b>	<b>04</b>	<b>23</b>	<b>07</b>	<b>118</b>	<b>48</b>	<b>222</b>

- Average Teaching experience : 8.57 years

4. Library

	UG		PG (M.Tech.)		PG (MBA)		Total	
	Titles	Volumes	Titles	Volumes	Titles	Volumes	Titles	Volumes
Existing as on date	12411	65269	1748	7684	609	5024	14768	77977
Added during 2018-19	462	3876	-	-	4	20	466	3896
Required to be added as per AICTE norms	350	1750	-	600	-	500	350	2850

4.1 Annual expenditure for purchase of books and journals

(Rupees in lakhs)

	Purchase of books	Purchase of journals (Hard copies)	Purchase of e-journals (online)	Total
Library Expenditure	Rs. 4,64,286/-	Rs. 2,77,995/-	Rs. 19,64,275/-	Rs. 27,06,556/-

5. Details of various activities carried out by the departments:

S. No	Item	CE	ME	EIE	EEE	ECE	CSE	IT	PSS&MHS	MBA	Total
1.	Workshops/FDPs are conducted for faculty	2	2	3	-	-	2	1	1	1	12
2.	No. of Workshops /FDPs attended by faculty	-	67	41	19	27	36	-	21	12	223
3.	Faculty published in Refereed journals - International	57	17	5	16	14	44	12	19	-	184
4.	Faculty published in Refereed journals - National	-	-	-	-	-	-	-	2	10	12
5.	Faculty published in Conference proceedings - International	5	33	4	7	19	5	2	6	4	85
6.	Faculty published in Conference proceedings - National	57	-	-	-	-	-	2	2	6	67
7.	Faculty attended conferences for paper presentation - International	5	11	2	1	7	10	2	9	4	51
8.	Faculty attended conferences for paper presentation - National	57	-	-	-	-	-	2	18	6	83
9.	Faculty won awards ( <i>including best research paper award</i> )	2	4	-	2	1	3	-	-	-	12
10.	Faculty Research proposals - Submitted	23	19	10	27	4	4	-	9	-	96
11.	Other proposals by faculty - Submitted	1	3	-	-	-	6	1	1	1	13
12.	Other proposals by faculty - Sanctioned	-	3 Rs. 180168	-	-	-	4 Rs. 2955000	-	1 Rs. 150000	1 Rs. 250000	9 Rs. 3535168
13.	Consultancy projects undertaken	19 Rs.3461625	-	2 Rs. 375000	-	-	12 Rs. 733385	-	-	-	33 Rs. 4570010
14.	Workshops/Seminars conducted for students	3	3	3	1	2	2	4	2	1	21
15.	Students won Prizes in academic activities at other institutes	209	1	-	5	-	8	-	-	-	223
16.	Students won Prizes in cultural activities at other institutes	1	-	-	-	-	-	-	-	-	1
17.	Students won Prizes in sports activities at other institutes	12	8	-	2	-	33	2	-	1	58

S. No	Item	CE	ME	EIE	EEE	ECE	CSE	IT	PSS&MHS	MBA	Total
18.	Students undergone internships	59	99	61	241	275	36	8	-	55	834
19.	Students won "Best student project award"	3	1	1	2	-	1	-	-	3	11
20.	Students Innovations	-	1	-	-	-	2	-	-	-	3
21.	No. of students placed	14	43	20	47	154	167	32	-	19	496
22.	No. of students joined for Higher Education	-	12	7	6	10	22	3	-	-	60
23.	No. of students secured Jobs in PSUs	-	-	-	4	-	-	-	-	-	4
24.	No. of student Entrepreneurs	-	-	-	-	-	2	-	-	-	2
25.	Alumni support in funding	-	-	--	-	-	-	-	-	-	-
26.	MOUs signed / Collaborations established	-	-	1 YES	1 YES	1 YES	3 YES	-	-	-	6
27.	New Laboratories established	-	-	-	1 RES LAB	-	-	-	-	-	1
28.	Cost of newly added equipment	-	-	-	7.031	-	-	-	-	-	7.03 Lakhs

Performance of passed outbatches:

**6.1 Result Statistics of B.Tech. 2015 - 19 Batch**

Branch	I Sem.		II Sem.		III Sem.		IV Sem.		V Sem.		VI Sem.		VII Sem.		VIII Sem.		No. of Students cleared all subjects (in 4 Years)				
	Jan-16		Jun-16		Nov-16		Apr-17		Nov-17		Jun-18		Nov-18		Apr-18		First Division with Dist.	First Division	Second Division	Total	Pass %
	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass					
CE	119	72	118	75	143	110	143	115	139	88	135	111	136	128	137	136	41	77	3	121	88.32
ME	119	86	119	93	138	101	137	118	124	95	134	119	132	110	132	129	46	67	1	114	86.36
EIE	58	27	57	40	69	50	68	50	67	50	66	57	63	54	64	61	18	36	2	56	87.50
CSE	180	133	180	136	207	162	210	164	209	176	205	185	207	191	209	207	76	102	9	187	89.47
EEE	120	85	120	96	142	123	143	123	143	124	140	138	147	126	150	147	59	69	1	129	86.00
ECE	180	120	180	130	212	171	211	170	212	186	209	169	208	192	213	207	91	90	4	185	86.85
IT	57	33	56	47	58	46	58	45	58	51	59	51	57	51	57	54	18	30	3	51	89.47
<b>Total</b>	<b>833</b>	<b>556</b>	<b>830</b>	<b>617</b>	<b>969</b>	<b>763</b>	<b>970</b>	<b>785</b>	<b>952</b>	<b>770</b>	<b>948</b>	<b>830</b>	<b>950</b>	<b>852</b>	<b>962</b>	<b>941</b>	<b>349</b>	<b>471</b>	<b>23</b>	<b>843</b>	<b>87.63</b>
<b>Pass %</b>	<b>66.75%</b>		<b>74.34%</b>		<b>78.74%</b>		<b>80.93%</b>		<b>80.88%</b>		<b>87.55%</b>		<b>89.68%</b>		<b>97.82%</b>		<b>87.63%</b>				

**6.2 Result Statistics of M.Tech. 2017 - 19 Batch**

Branch	I Sem.		II Sem.		III Sem.		IV Sem.		No. of Students cleared all subjects (in 2 Years)				
	Jan-18		May-18		Dec-18		Apr-19		First Division with Dist.	First Division	Second Division	Total	Pass %
	App.	Pass	App.	Pass	App.	Pass	App.	Pass					
DC	25	22	25	23	22	22	23	23	18	5	0	23	100.00
DE	21	15	21	17	19	19	19	19	2	14	3	19	100.00
PE	18	15	18	13	15	15	14	14	11	3	0	14	100.00
SC	24	22	24	17	23	23	23	23	8	13	0	21	91.30
SE	29	25	29	26	28	28	29	27	20	4	0	24	82.76
VL	18	17	18	14	18	17	18	17	8	7	0	15	83.33
<b>Total</b>	<b>135</b>	<b>116</b>	<b>135</b>	<b>110</b>	<b>125</b>	<b>124</b>	<b>126</b>	<b>123</b>	<b>67</b>	<b>46</b>	<b>3</b>	<b>116</b>	<b>92.06</b>
<b>Pass %</b>	<b>85.93%</b>		<b>81.48%</b>		<b>99.20%</b>		<b>97.62%</b>		<b>92.06%</b>				

### 6.3 Result Statistics of MBA 2017 - 19 Batch

Branch	I Sem.		II Sem.		III Sem.		IV Sem.		No. of Students cleared all subjects (in 2 Years)				
	Jan-18		May-18		Nov-18		Mar-19		First Division with Dist.	First Division	Second Division	Total	Pass %
	App.	Pass	App.	Pass	App.	Pass	App.	Pass					
<b>MBA</b>	59	41	55	49	55	53	55	55	19	30	2	<b>51</b>	<b>92.73</b>
<b>Total</b>	<b>59</b>	<b>41</b>	<b>55</b>	<b>49</b>	<b>55</b>	<b>53</b>	<b>55</b>	<b>55</b>	<b>19</b>	<b>30</b>	<b>2</b>	<b>51</b>	<b>92.73</b>
<b>Pass %</b>	<b>69.49%</b>		<b>89.09%</b>		<b>96.36%</b>		<b>100.00%</b>		<b>92.73%</b>				



## 6. Increase in other infrastructural facilities:

Item No	Description
1	<p><b>New building Block-VI for Department of ECE:</b> To cater the academic needs of autonomous batches &amp; increased strength of intake, new building <b>Block-VI</b>, which can accommodate a Department &amp; academic activities and Staff Rooms was inaugurated in October 2018.</p> <ul style="list-style-type: none"> <li>• Area - 41,550 sft</li> <li>• Total Cost : 2.7 cr</li> </ul> <p><b>Facilities:</b></p> <ul style="list-style-type: none"> <li>• Department HOD Room, Office, Faculty Rooms with Toilets</li> <li>• Girls waiting halls with Toilets &amp; Boys waiting halls with toilets</li> <li>• Lecture Halls</li> <li>• Laboratories</li> <li>• Faculty Rooms</li> </ul>
2	<p>New laboratories: Proposed for First years</p> <ul style="list-style-type: none"> <li>• <b>AutoCAD Lab</b> in Block-4to cater labs for B.Tech I-year Engineering Drawing course</li> <li>• <b>Basic Electrical Engineering Lab</b> in Block-4 to cater labs for B.Tech I-year Basic Electrical Engineering Lab course</li> </ul>
3	<p>Renovation of following labs: Proposed to renovate following labs with new computer configurations</p> <ul style="list-style-type: none"> <li>• <b>MCAD Lab</b> in Block-3 of MED for B.Tech-ME</li> <li>• <b>Electrical Simulation Lab</b> in Block-3of EEED for M.Tech. -PE</li> </ul>
4	Generated 5.37 lakh Units of Electricity from 400 kW solar power plant

## 7. Sports activities:

- i. Intramurals organized by Sports Club as per predefined schedule
- ii. KU-Inter Collegiate Tournaments organized by KITS Warangal from 24-09-2018 to 26-09-2018
- iii. 48 Teams from KITSW represented in KU Inter Collegiate and other tournaments
- iv. 405 students participated in Intramural and KU Inter Collegiate sports activities
- v. Students won places in 37 events
- vi. 27 students selected for KU teams to represent various Inter University tournaments around the country.
- vii. KITS Trophy Inter Collegiate tournament was conducted on 02-02-2019 to 03-02-2019

## 8. Community services:

S No	Activity	Date
1	<b>SWACHH BHARAT SUMMER INTERNSHIP:</b> 6 Volunteers participated in the Summer Internship announced by the Central Govt. in the village of Kondaparthi and performed activities like Door to door Collection of Household Data on the availability and construction of Toilets and Septic Tanks, Cleaning of Anganwadicentres, Digging of Compost pits, Street cleaning, Drainage cleaning, Tree plantation etc.	07-07-2018 to 21-07-2018
2	NSS PROGRAM OFFICER received the Best service award received from TS Governor for the year 2017-18 which was presented by Sri KadiyamSrihari, the Deputy Chief Minister and Education Minister of TS.	15-07-2018
3	"SWACCHA KITS" An initiative to create awareness about Cleanliness was organized by the Volunteers. First year Students actively participated in cleaning the campus.	23-07-2018 To 31-07-2018
4	Around 100 volunteers participated in KARGIL DIVAS rally	26-07-2018
5	Tree Plantation was conducted in the campus. 100 Trees were planted in the campus by volunteers	28-07-2018
6	NSS Day Celebrations - 1K RUN: 1K Run was organized by the Volunteers on the Occasion of NSS Day in the campus.	24-09-2018
7	Blood donation Camp conducted in association with India Red cross Society, Warangal, 360 units collected and handed over to IRCS	26-09-2018
8	Around 25 volunteers attended for Web casting duty in State general elections (MLA).	29-09-2018

9	Donated money for International Medical Association for Blind Rs. 15,000/-	03-10-2018
10	30 Volunteers participated in SUMSHODHINI-18 hospitality event.	04-10-2018 to 06-10-2018
11	Around 100 Volunteers participated in GWMC 5K run rally on the occasion of " Awareness of Voting right"	06-10-2018
12	Around 50 volunteers participated in hospitality committee for GRADUATION DAY	29-12-2018
13	Driver's day celebrations: Morning session: Awareness on Traffic rules 8 am to 9 am At KITS POINT. Afternoon session: Felicitation conducted for 30 drivers at 1 pm to 2 pm	24-01-2019
14	Around 100 volunteers participated in " Memory of martyred CRPF Jawans" by NCC & NSS Clubs	16-02-2019
15	50 volunteers participated discipline committee for Nation level cultural fest SANSKRITI-19	01-03-2019 to 02-03-2019
16	Two of our students participated a national level camp being organized by Youth Red Cross held at Ballari, Karnataka state	22-03-2019 to 27-03-2019
17	Blood donation conducted in association with IRCS, WL, through this camp 250 units collected and handed over to IRCS	29-03-2019
18	International Yoga Day celebrations by NCC Club	21-06-2018
19	Swachaa Bharat at Darga, Kazipet by NCC Club	25-06-2018
20	Independence day Celebrations	15-08-2018
21	Raksha Bandhan at Athidi Asramam, Reddy Colony, Hanamkonda by Humanity Club	19-08-2018
22	Click that Wipe Tears, Photography contest on the occasion of world photography day and donated Rs. 2050/- to Kerala CM Distress Relief fund by Photography & Media Club	19-08-2018
23	Candle Rally in the memory of Late Bharat Ratna Sri Atal Bihari Vajpayee by NSS Club	20-08-2018
24	National Sports day by Sports Club	29-08-2018
25	Kerala Flood Relief-Raised an amount of Rs. 10,030/- by Humanity Club	01-09-2018
26	Jagadish Memorial Cricket Tournament by Sports Club	01-09-2018 to 30-11-2018
27	Performance of Band Crew by MDF Club at SR Eng. College	09-09-2018
28	Eco Ganesh by Humanity club on the eve of Vinayaka Chavithi	12-09-2018
29	Swacha Bharat by NCC Club	19-11-2018 to 22-11-2018
30	Swachata hi seva by NCC Club	19-09-2018 to 02-10-2018
31	Ganapathi Nimajjanam by NCC club	22-09-2018
32	Surgical Strike anniversary day by NCC club	29-09-2018
33	Vote is our Right - 10 K run by NSS club	06-10-2018
34	Donated Rs. 6000/- for orphanage Children by NCC Club	25-11-2018
35	Intramurals by Sports Club	02-01-2019 to 28-02-2019
36	Donated Clothes to Sai Seva Trust by Humanity Club	09-01-2019
37	Republic Day Celebrations	26-01-2019
38	Career Guidance to X class students of Govt. High School, Hasanparthy by Humanity Club	02-02-2019
39	Rs. 3 lakhs donation to Sai Teja, B. Tech III year EIE student who met with an accident by Humanity Club	04-02-2019
40	Sri Ramakrishna Paramhansa Birth anniversary Celebrations by Literary & Extramural Club	26-02-2019

## 9. Important suggestions made by the Internal Academic Audit Committee (IAAC):

- No. of enrollments in SWAYAM - MOOCs / NPTEL courses by faculty and students have to be increased.
- Placement and Higher Education activity must be strengthened
- Departments need to encourage students to participate in academic paper presentations, project competitions, cultural, sports and other competitions organized at other institutes
- Students contribution in cultural activity to be improved
- To go for MOUs with industry at the department level to conduct workshops/ FDPs and for Student internships
- To conduct more no. of workshops / FDPs for the faculty members.
- Faculty need to focus on academic and research activities leading to winning prizes/awards
- Research activity can be strengthened. Good number of research proposals are to be submitted to funding agencies
- Faculty need to focus on Intellectual Property Rights (IPRs)
- To establish MOUs in the area of expertise available in department, to strengthen Consultancy activities. Action plan to be evolved by the departments to enhance consultancy activity
- Specific & Realistic achievable goals are to be included in short term & long term goals

The members of IQAC are requested to note the information on the above activities.

### ***Discussions/Deliberations:***

- Chairman appraised members of IQAC about the role of Institute Academic Audit Committee (IAAC) in institute academic quality audit
- Chairman, IQAC thanked the members of IAAC Committee for spending their valuable time to conduct institute academic audit, for improving the quality of departmental activities and verifying the documents required for quality check.
- Chairman IQAC presented the quantitative gist of various academic activities of departments to the members of IQAC.
- Chairman, IQAC thanked members of management for supporting the institute in increasing infrastructural & sports facilities year by year and for green campus.
- Chairman appraised the members about the community services in campus and students involvement in various NCC/ NSS activities
- Chairman requested the external members to verify the important suggestions made by the IAAC and give further suggestions to improve the quality of institute academic growth

### **Suggestions made by External members of IQAC:**

1. Feedback by Sri Ch. Venkata Phani kumar, *Senior Software Development Manager, Amazon, Hyderabad:*
  - Before going to external events, students are to be encouraged with their own ideas at ground level within the institute (Students are to be facilitated with required facilities within the campus)
  - "Failure is OK" , students have to keep trying
  - Keep trying attitude should be developed within the students mind set
  - Motivation to be given to students to utilize the holidays for coming up with ideas / preparation of technical papers for publications

- Institute can start paid online courses to motivate the faculty and students for continuous learning activity
  - For students, we shall give problems and invite solutions for the given problems
  - With given time, student innovations comes from real time problems
  - Structured events are to be organized at institute.
2. Feedback by Sri P. Sadasiva Rao, *Advocate, Warangal*:
- I am very much aware with KITS role in Telangana, What help / assistance is expected from my side?
3. Feedback by Sri Naveen Chandra, *Alumni*:
- Students are to be motivated towards reading English Newspapers to improve their communication skills and students are to be moulded on their own self.
  - Communication Skills, Attitude Building, Rigorous Aptitude Training and Innovative ideas are the key issues to be focused.
  - Students has to move parallel across various platforms to mould himself and to come out from fixed boundaries
  - Inputs to students are to be given in terms of PPT preparation/ Vocabulary building
  - Practical knowledge and theoretical knowledge should move parallel
  - Inputs related to updations in Civil Engg. & Mechanical Engg. Industries can be taken from KITS Alumni/Entrepreneurs Sri Bheem Rao sir & Sri Dayanand Reddy sir
4. Feedback by Sri G. Vijay Pratap Reddy, *Parent*:
- NITW faculty - Prof. Shirish, HoD of Chemical Engg. visited our industry and submitted the proposal in water treatment plant in collaboration with NITW & our industry
  - Ethics are to be introduced for students and make them practice those Ethics Practically scope is less in CSE syllabus (feedback given by his son)
- Chairman, IQAC thanked external members for their valuable inputs related to IAAC report and assured external members for incorporation of given inputs for institute academic growth.
- Chairman, IQAC requested Sri P. Sadasiva Rao garu take his own time and give suggestions related to faculty motivation & student mentoring issues and help Kits faculty to teach “Indian Constitution “ - Mandatory course stipulated by AICTE-Mandatory curriculum under URR-18.

**Resolution No. 2019-IQAC1-R1:**

The committee noted the academic activities of the Institute carried out during the academic year 2018-19.

The institution has applied for accreditation by National Assessment and Accreditation Council (NAAC), Bengaluru during the month of February 2018. NAAC Peer Team visited our Institute during 28-29 September 2018. The result was declared on 02-11-2018.

**The NAAC accredited our institute with 'A' grade with a CGPA of 3.21 out of 4.0. This accreditation is valid for 5 years w.e.f. November 2, 2018.**

As part of NAAC accreditation, every year the institute has to submit Annual Quality Assurance Report (AQAR). The first AQAR is to be submitted by February 2020.

The members of IQAC are requested to note the NAAC accreditation awarded to the Institute.

<i>Discussions/Deliberations:</i>	--
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<b>Resolution No. 2019-IQAC2-R2:</b>
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The members of IQAC noted the NAAC accreditation status of the Institute.
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The Institute has applied for ranking under National Institutional Reference Framework (NIRF-2019) of MHRD in November 2018.

Our Institute secured **Rank-180 in NIRF-2019 under Engineering Category.**

The members are requested to note the NIRF - 2019 ranking to our institute.

<i>Discussions/Deliberations:</i>	--
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<b>Resolution No. 2019-IQAC2-R3:</b>
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The members of IQAC noted the MHRD's NIRF-2019 rank - 180 to the Institute.
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2019-IQAC2-4	<i>Appraisal on AICTE approval for 2 new UG programmes – B.Tech(CSN) &amp; B.Tech (ECI)</i>
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AICTE has sanctioned approval for 2 new UG programmes– *B.Tech(CSN) & B.Tech (ECI)* during A.Y. 2017-18. During the current academic year 2019-20, Kakatiya University has sanctioned approval for the above 2 new programmes. With the addition of these 2 new UG programmes, presently the Institute is offering 9 UG programmes with the following intake.

The first batch of students took admission to B.Tech (CSN) and B.Tech (ECI) during 2019-20.

The following is the present intake for UG & PG Programmes

S No	Course	Branch	Intake
1	B.Tech.	Civil Engineering	120
2		Mechanical Engineering	180
3		Electronics & Instrumentation Engineering	60
4		Computer Science & Engineering	180
5		Electrical and Electronics Engineering	120
6		Electronics & Communication Engineering	180
7		Information Technology	60
8		Computer Science & Engineering (Networks)	60
9		Electronics Communication and Instrumentation Engg.	60
10	M.Tech.	Structural and Construction Engineering	24
11		Design Engineering	24
12		Digital Communications	25
13		Software Engineering	36
14		VLSI and Embedded Systems	18
15		Power Electronics	18
16	MBA	Masters in Business Administration	60

The members of IQAC are requested to note the AICTE's and KU's approval for new B.Tech. Programmes.

<b>Discussions/Deliberations:</b>	--
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**Resolution No. 2019-IQAC2-R4:**

The members of IQAC noted the AICTE and Kakatiya University approval for 2 new UG Programmes – B.Tech (CSN) & B.Tech (ECI) each with an intake of 60, w.e.f. academic year 2019-20.

2019-IQAC2-5	<i>Appraisal on revised syllabus for B.Tech I year and B.Tech II year under URR-18, Introduction of courses – Essence of Indian Traditional Knowledge, Open Elective with associated Lab, and Programme Skill Development Lab</i>
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It was appraised in the previous IQAC meeting (Resolution 2018-IQAC1-3) that curriculum has been revised for B.Tech programmes (CE, ME, EIE, EEE, CSE, IT & ECE) with Choice Based Credit System (CBCS) for students admitted from academic year 2018-19 onwards. AICTE model curriculum (*released in January, 2018*) has been considered for all B.Tech. programmes. The First year syllabus was approved by Boards of Studies (BoS) of all the departments, Joint Board of Studies (JBoS) and Academic Council (AC) conducted during June 2018.

Further, for approval of syllabi of courses offered in B.Tech II year programmes (under URR-18 regulation), BoS meetings of all the departments were conducted during May 2019.

The Joint Board of Studies (JBoS) meeting was conducted on 20.5.2019 and finalized the syllabi of all Common Courses offered in II year of B.Tech. 4 year Degree programme.

The Academic Council meeting conducted on 26-6-2019 ratified the above BoS and JBoS approved syllabi of B.Tech II-year of all UG programmes.

Following are the salient features of B.Tech II year courses under revised curriculum:

- *Essence of Indian Traditional Knowledge:* This is a mandatory course introduced with practical Yoga sessions daily from 5.30 am to 7.00 am.
- *Open Elective with associated Lab:* Open Elective courses are introduced in B.Tech II year with associated Open Elective based Lab.
- *Programme Skill Development Lab:* This Lab is over and above curriculum introduced in B.Tech III semester, to help students improve their programming capabilities using C language.

The members of the IQAC are requested to note the details of revised syllabi B.Tech II year courses (under URR-18) of CE, ME, EIE, EEE, CSE, IT & ECE.

***Discussions/Deliberations:***

- On behalf of IQAC, Chairman extended greetings to all EITK teaching faculty for taking up this course in addition to the regular core course
- Chairman appraised the members that the departments of CSE & IT are doing great job in motivating students to take up Programming Skills Development (PSD) Laboratory in effective way, for improving programming skills students
- On behalf of IQAC, Chairman thanked all the PSD lab teaching faculty & staff
- Chairman assured external members of IQAC that this PSD lab will benefit students much for their campus placements
- Chairman seek help from Sri Ch. Venkata Phani kumar sir to help the institute in view of required inputs for PSD lab
- Sri Ch. Venkata Phani kumar sir appraised all the members of IQAC that basic programming skills are crucial in building advanced programming skills

**Resolution No. 2019-IQAC2-R5:**

The IQAC noted the details of revised syllabi B.Tech II year courses (under URR-18) of CE, ME, EIE, EEE, CSE, IT & ECE.

2019-IQAC2-6	<i>Appraisal on Yoga Classes conducted for III Semester students of current academic year 2019-20.</i>
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In an effort to move in the direction of Honorable Prime Minister Shri Narendra Modi's appeal for FIT-INDIA, Yoga Practice classes were conducted as part of "Essence of Indian Traditional Knowledge (EITK)" mandatory course under revised curriculum URR-18.

The Yoga Practice classes for faculty, staff & students were conducted from 29-08-2019 to 29-10-2019. The Yoga Practice classes were instructed by professional yoga gurus **Sri Pichi Reddy Garu and Smt. Manga Garu**. The classes were conducted during 06.00 AM to 7.30 AM. The faculty, staff & students were attended for the Yoga Practice classes very devotedly and expressed their positive feedback regarding effect of Pranayama, Asanas and Meditation on their life. Around 350 students were trained during this period. The details of the classes organized are presented hereunder.

Batch	Participants	From	To	Venue
Batch-I	Faculty & Staff	29-08-2019	07-09-2019	SH-1 (MDF club room, Near KITSW Dispensary)
Batch-II	III Semester ME-I students & counselors	08-09-2019	14-09-2019	Auditorium
Batch-III	III Semester ME-II students & counselors	15-09-2019	21-09-2019	Auditorium
Batch-IV	III Semester ME-III students & counselors	22-09-2019	28-09-2019	Auditorium
Batch-V	III Semester CSE-I students & counselors	29-09-2019	05-10-2019	Auditorium
Batch-VI	III Semester CSE-II students & counselors	06-10-2019	12-10-2019	Auditorium
Batch-VII	III Semester CSE-III students & counselors	13-10-2019	19-10-2019	Auditorium
Batch-VIII	III Semester IT students & counselors	23-10-2019	29-10-2019	Auditorium

The Principal and EITK team headed by Prof. K. Rajanarender Reddy, Controller of Examinations thank the Management for providing such a wonderful opportunity to our students community. This will surely go a long way in building technologically superior and ethically strong student force.

The members of IQAC are requested to note the conduct of the Yoga Classes at the Institute level from 29-08-2019 to 29-10-2019 to the faculty, staff and the students.

**Discussions/Deliberations:**

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**Resolution No. 2019-IQAC2-R6:**

The IQAC noted *the* conduct of the Yoga Classes at the Institute level from 29-08-2019 to 29-10-2019 to the faculty, staff and the students.



2019-IQAC2-7	<i>Appraisal on NBA Tier – I Accreditation to B.Tech-CE, ME, EEE &amp; IT programmes</i>
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- Four UG Programmes B.Tech. – CE, ME, EEE & IT applied for re-accreditation under Tier – I format to National Board of Accreditation (NBA), New Delhi.
- NBA Expert team visited the institute during October 04-06, 2019.
- The results were announced on November 11, 2019.
- All four UG Programmes B.Tech. – CE, ME, EEE & IT are being accredited under Tier – I for three years with a validity period upto 30-06-2022.
- The other UG programmes in engineering i.e., EIE, CSE and ECE have valid accreditation upto 30-06-2020.

The members are requested to note the NBA accreditation status of the UG programmes in engineering

<b>Discussions/Deliberations:</b>	--
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**Resolution No. 2019-IQAC2-R7:**

The IQAC noted the NBA accreditation to the UG programmes of CE, ME, EEE & IT under Tier-I format for 3 years, with validity period upto 30-06-2022.

2019-IQAC2-8	<i>IQAC activities organized during academic year 2018-19</i>
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IQAC of the institute has conducted various activities for benefit of faculty in view outcome based education and training on student induction programme. The list of activities is given below

- Induction program for First year students & Curriculum revision as per AICTE model curriculum from 16.07.2018 to 31.07.2018
- Conducted 1-day workshop “Question Paper Setting for Outcome Based Education” on 16.02.2019.  
*Resource person: Prof. K. Ashoka Reddy, Principal, KITSW*
- One-day FDP on “Effective e-Resources Retrieval Strategies for Efficient Research” on 23.02.2019  
*Resource person: Mr. M. S. Srinivasa, Training Manager (Karnatnka and Telangana), Training Manager, Hyderabad*
- Conducted 1-day workshop “Effective Course Outcomes for Outcome Based Education” on 16.04.2019.  
*Resource person: Prof. K. Ashoka Reddy, Principal, KITSW*
- Conducted 1-day workshop “Calculation of COAL & CDAL for Outcome Based Education” on 06.05.2019.  
*Resource person: Prof. K. Ashoka Reddy, Principal, KITSW*
- Conducted AICTE sponsored 3-day workshop on “Student Induction Programme” from 16.05.2019 to 18.05.2019.  
*Resource person: Dr. V. Harikumar, NIT Warangal*
- Release of Institute Brochure for the academic year 2018-19 in July, 2018
- Release of Lab Records & Manuals of B. Tech I Year on 31.07.2018
- Release of URR-18, Scheme, Syllabus – booklet in July, 2018

The members are requested to note the activities organize in the IQAC during 2018-19.

***Discussions/Deliberations:***

- Chairman requested members to keep agenda notes with them and give necessary inputs (agenda point wise) to IQAC coordinator whenever they get time, for improving of academic quality in institute

***Resolution No. 2019-IQAC2-R8:***

The members of IQAC noted the activities conducted by Institute IQAC during academic year 2018-19.

2019-IQAC2-9	<i>Vision, Mission and Core values of the Institute</i>
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The Vision, Mission statement of the institute and its Core values are printed below for kind notice of the members.

**Vision**

To make our students technologically superior and ethically strong by providing quality education with the help of our dedicated faculty and staff and thus improve the quality of human life.

**Mission**

- To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced.
- To provide a strong human resource base for catering to the changing needs of the Industry and Commerce.
- To inculcate a sense of brotherhood and national integrity.

**Core Values**

1. INTEGRITY : We are committed to ethical and responsible behavior in our actions and to develop the same commitment in our students
2. DIVERSITY : We believe that our similarities and differences are opportunities for establishing a common bond and strengthening the institute
3. EXCELLENCE : We strive to develop, pursue higher standards and are committed to provide the best educational experience possible to every student
4. ACCOUNTABILITY : We are committed to ensuring that all members of KITSW are accountable for their work in support of Institute, its Vision and Mission
5. QUALITY : We provide educational programmes that lead to acquisition of knowledge and skills necessary to achieve information literacy, career advancement, personal enrichment, leadership and service to community

*We teach ... we learn... we interact... we nurture... we grow responsible citizens for tomorrow...*

The members are requested to offer suggestions on the Vision, Mission statements in the form of revision / modification

### ***Discussions/Deliberations:***

1. Suggestions by Sri Ch. Venkata Phani Kumar, *Senior Software Development Manager, Amazon, Hyderabad*
  - In my perspective, slight mismatch between Vision & Mission
  - Employability activity in mission 1 statement is looking as short sighted Mission
  - As long sighted view, keeping in view of quality of innovation, "Innovation is to be added in the Mission statement".
  - Students should become employers rather than employees
  - In every discussion vision and mission should be reiterated by every faculty in addition to dissemination of V & M statements through notice boards and documentary evidences
  - Vision and Mission should go to ground level in students
  - Students should own V & M statements and dedicate themselves in realizing these Mission statements in reaching Vision statement
2. Suggestions by Sri P. Sadasiva Rao, *Advocate, Warangal:*
  - Teaching is different and Practicing is different
  - Is there any check in institute to see whether students are following ethics or not
  - There should be some metric or mechanism to check whether students are following ethics

### ***Resolution No. 2019-IQAC2-R9:***

The members of IQAC noted the Vision, Mission and Core Values of the Institute and offer the following suggestions:

2019-IQAC2-10	<i>Institute Strategic Plan</i>
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## **Strategic Plan of the Institute**

The short term, long term goals of the institute are presents below for kind notice of the members

### **I. Short term Goals**

- Starting new PG programmes
  - M. Tech. Computer Networks
  - M. Tech. Medical Electronics
- Promoting quality research
  - Research Centres in all departments
- Establishment of Centres of Excellence in all departments
- AICTE-CII Survey Award : Gold to Platinum category
- Establishing Innovation & Incubation Centre
- Strengthening Consultancy in all departments

### **II. Long term Goals**

- Promoting innovation & research towards intellectual property rights
- Promoting incubation eco-system towards on-campus Start ups
- Having collaborations with foreign universities
- International Accreditation

*...All culminating to Deemed to be University*

The members are requested to offer suggestions on the institute strategic plan

***Discussions/Deliberations:***

Suggestions by Sri Ch. Venkata Phani Kumar, *Senior Software Development Manager, Amazon, Hyderabad:*

- PG programme can be started in M. Tech (Applied Science)
- PG programme can be started with combination of Wireless Networks and VLSI
- PG programme can be started with combination of Cyber Security, Advanced Data Structures, Cryptography, Ethical Hacking

***Resolution No. 2019-IQAC2-R10:***

The members of IQAC noted the strategic plan of the Institute and offer the following suggestions:

2019-IQAC2-11	<i>Suggestions from members of IQAC for Quality Teaching Learning process</i>
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***Discussions/Deliberations:***

1. Suggestions by Sri G. Vijay Pratap Reddy, *Parent:*

- Research Exposure / scope is to be given for students and facilities are to be provided for students

2. Suggestions by Sri Ch. Venkata Phani kumar, *Senior Software Development Manager, Amazon, Hyderabad :*

- For faculty : think what is the problem, don't think about solution, Just give problem to student, ask student to get solution
- Put the problem for students in developing "Smart Apps" for regular social problems
- Invite solutions from students for problems like Smart metering etc.
- Bring people from different streams to find solutions
- Multi disciplinary teams can be formed, Students can think in different way

3. Suggestions by Sri Naveen Chandra, *Alumni:*

- Detailed inputs given in feedback form

4. Suggestions by Sri Sadasiva Rao *Advocate, Warangal:*

- Whatever we teach in classrooms, students should follow them
- Check whether the students are following or not with periodical checks
- Discipline must come within students
- With specific procedures only, students will follow the ethics

***Resolution No. 2019-IQAC2-R11:***

The members offered the following suggestions for strengthening the IQAC actives ensuring quality of Teaching Learning process at this institute.

2019-IQAC2-12	<i>Any other item with the permission of chair</i>
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**Resolution No. 2019-IQAC2-R12:** - Nil -