SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

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www.kitsw.ac.in

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

An elite group of philanthropists established Kakatiya Institute of Technology & Science, Warangal (KITSW) in the year 1980 under the aegis of Ekasila Education Society (EES) with an objective to impart quality education and to provide strong & ethical human resources to the Industry to suit their current needs.

This institution started functioning as a private, self-financing and co-education engineering college affiliated to Kakatiya University (KU), Warangal. The institute offers 7UG programs B.Tech - CE, ME, EIE, EEE, CSE, IT & ECE, 6 M.Tech Programs and 1 MBA program. The institute is recognized as Research Centre by KU to undertake Ph.D. Programs in ME, CE, EIE, CSE.

The institute is spread across a 65 acre campus with 70 classrooms, 7 auditoria & seminar halls, 70 laboratories with state of the art equipment, excellent playfields staff quarters, boys & girls hostels for 780 students, RO water, 400 KWp solar power plants and sewage treatment plant (STP) of 350 KLD capacity. This institution's limelight is reliant on its sports & health services, counselling centres and student clubs. The library comprises more than 1,00,000 books, journals & magazines and diverse learning resources accessed through Wi-Fi enabled 100 Mbps OFC connectivity.

The institute is approved by AICTE and all the B.Tech academic programs are accredited by NBA. The UGC has accorded autonomous status to the Institute for a period of 6 years w.e.f. 2014-15AY. The Institute is confidently marching ahead to acquire national and international reputation.

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.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Enlightened and forward looking management with over 35 years of experience and a vision for bringing up the institution to the highest level of quality.
- Transparent Governance and Administration with decentralization of authority.
- Highly qualified, experienced, committed, research-oriented and students' caring faculty.
- Kakatiya University recognized research centers for Ph. D. programmes.
- Meritorious students taking admissions into various programs
- Very supportive alumni association (KITSWAA) with large membership and greatly giving back to the institution.
- Student activity centre (SAC) with more than 8 student clubs and 10 academic support centres
- Innovative facility like Entrepreneurship Development Cell.
- Central Library with AICTE mandated e-Journals : Around 7000 Journals and more than 1000 NPTEL video lectures covering various disciplines
- Good placement record
- Autonomous Status from UGC, New Delhi w.e.f. 2014-15
- All B. Tech. programs are accredited by NBA, New Delhi
- NIRF-2017 (MHRD, GOI) ranked KITSW among top 151-200 engineering institutions in India
- AICTE-CII survey of 2017 ranked KITSW as GOLD institute
- Identified as Prime Minister Special Scholarship Scheme (PMSSS) Beneficiary Institute
- Approved for implementation of four trades under Pradhan Manthri Koushal Vikas Yojana (PMKVY) scheme

Institutional Weakness

- Industrial Consultancy is to be strengthened in all areas
- Industry-Institute interaction needs to be strengthened
- R&D in emerging technologies needs to be enhanced
- Awareness of IPR among faculty needs to be enhanced for effective conversions of research activities into usable & commercial projects.
- Students to be highly motivated towards higher education and entrepreneurial activities.
- Students from rural background with less exposure and weak communication skills.

Institutional Opportunity

- Possibility for substantial increase in the number of high quality PG programs to meet rapidly increasing demands.
- Possibility of starting new B. Tech. programs meeting the market demand like B.Tech –Electronics Communication & Instrumentation (ECI) Engineering, Computer Science Engineering (Networks), etc.
- Possibility of offering electives in thrust areas in collaboration with industries.
- Starting certification programs to meet the increasing demand of skilled personnel
- Leveraging strong links with distinguished alumni to increase the engagements with industry for sponsored research and consultancy works.
- Collaboration with foreign Universities for possible exchange programs

- To become a deemed to be University

Institutional Challenge

- Migration of faculty in high-demand areas to industry/other reputed institutions/foreign Universities
- Competition from other institutions and foreign Universities that may setup their operations in India in near future
- Fast changing technologies demands to mobilize resources for upgrading human resources and Physical infrastructure
- Recruitment of highly experienced industry persons as faculty
- Decreasing availability of committed and quality faculty with passion for teaching
- Effective Teaching-Learning process through ICT based methods
- Implementation of CBCS curriculum

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- The institute has become autonomous in the academic year 2014-15. Considering AICTE and UGC guidelines, the institute has defined structure and curriculum based on – Outcome Based Education (OBE) for under graduate and post graduate programs.
- For designing the curriculum, the institute has involved stakeholders such as industry experts, employees, experts from academia and alumni. The institute has Governing body, Administrative Committee, Academic Advisory Committee, Academic Council, IQAC and various BOS for branches concerned. Regular meetings of these committees are conducted to take inputs on curriculum. Institute collects students & stakeholders feedback on the curriculum.
- The curriculum follows semester system and the objective of curriculum is to provide quality education in engineering and management so that students will be industry ready.
- At first year level all students study common courses, and branch-specific courses from second year onwards. Seminar, mini project and major project are included for skill development. Student is given an opportunity to opt the courses of their choice from available options under elective courses from third year onwards.
- Curriculum is designed with courses which focus on employability, entrepreneurship, environment and sustainability, human values and professional ethics in engineering to help students become technologically superior and ethically strong.
- To make students industry ready, industrial training and internships are encouraged.
- Student clubs of student activity centre (SAC) and technical activities of professional societies ISTE, IETE, IEEE, IIPE, SAE-India, IEI, ICI, CSI help the students to widen their horizons of knowledge.

Teaching-learning and Evaluation

- Teaching schedules are prepared at the beginning of each semester. All faculty members maintain continuous evaluation course file, which contain: work sheets of the course, teaching schedules, mid examination marks, exam question papers, assignment sheets, course review committee meeting minutes, etc.,

- Strict adherence to almanac, Makeup/Remedial classes for weak learners and guidance to advanced learners for competitive examination are followed.
- Communication skill development, physical education and environmental sciences are offered as mandatory courses.
- The institute encourages faculty members to improve their qualifications, attend workshops and conferences by providing financial assistance and academic leave. Enlightened and forward looking management policies and academic environment have been resulting into high faculty retention ratio.
- Meritorious students taking admissions into various programs of the institute. Central library with AICTE mandated e-journals around 7000 and more than 1000 NPTEL video lectures covering various disciplines.
- Fair practices and transparency are maintained in the examination and evaluation process.
- Due to consistent effort by the faculty members and students, around 80% of the students complete their engineering program in the stipulated time with good percentage. Good academic track records, entrepreneurial skills, curricular and extracurricular activities attract reputed organizations for placement. More than 60% of eligible candidates are being placed in addition to more than 10% of students opting for higher education.
- Industrial visits and internships are arranged to bridge the gap between theoretical knowledge and real life scenario in industry.

Research, Innovations and Extension

- Kakatiya University recognized KITSW as Research Centre for various engineering programs leading to Ph.D.
- The institute has good infrastructure in terms of research labs, with state of the art equipment useful for research. The institute library has good collection of books and AICTE mandated e-journal subscriptions with access to more than 7000 journals to facilitate research.
- Institute encourages the faculty members to attend conferences by providing financial assistance and academic leave. This has resulted in good number of publications in conference proceedings as well as in referred SCOPUS and SCI indexed journals. The faculty members are motivated towards consultancy activities and department of civil engineering is on the top.
- The institute has good collaboration with industries and professional bodies. It has signed MoUs with several esteemed organizations from industries, namely Confederation of Indian Industry (CII), Novas Green Systems Pvt. Ltd, Telangana State GENCO (TSGENCO), Microsoft, Oracle Academy, TCS and many more.
- Through its NCC, NSS and student activity centre (SAC), the institute promotes various community engagement activities in adopted village-Nagaram and other places. Students participate in activities such as blood donation camp, campus cleaning, Swachh Bharat, helping old age homes and orphans. These activities are creating awareness on social problems; improving communication skills, team work there by making students as socially sensitive human beings.

Infrastructure and Learning Resources

- The institute is spread over 65 acres of green and eco-friendly campus with excellent playfields. It provides adequate infrastructure facilities which are meeting not only the norms of regulating bodies but also satisfies functional needs. Classrooms are equipped with multimedia teaching aids. Laboratory equipment is as per the syllabus requirements and also supports content beyond syllabus experiments.

- High–end equipment is also available for student projects and research. The campus is Wi-Fi connected with 100 Mbps internet.
  - ○ Sewage treatment plant (STP) of 350 KLD capacity and 400 KWp captive solar power plant (Roof top), to reduce carbon emission, are few other steps towards eco-friendly campus. Other supporting facilities such as hostel for boys & girls, 10acres of playfields, Indoor stadium, gymnasium for boys & girls and dispensary are available on the campus.
  - ○ Institute library has rich collection of books and journals to fulfill the resource needs of students as well as faculty members. The digital library subscribes to more than 7000 e-journals and has a collection of more than 1000 NPTEL video lectures. The institute is recognized as NPTEL local chapter. In addition, the department libraries have good collection of reference books, project works, and reports.

Student Support and Progression

- Number of mechanisms are being provided for student support and mentoring. Interaction starts with well-organized orientation program for first year students by a team of faculty headed by the Director. HoDs and faculty members help to identify and understand student issues.

- A group of 20 to 25 students are allotted to each faculty counselor (mentor), to discuss academic and non-academic issues which include study planning, attendance, exam preparation, assignment submission, guidance for seminar/project, difficulties if any in teaching-learning process etc.

- Make up/Remedial classes conducted for weak learners. HoDs and T&P officer, guide the students for taking up summer internships in industry and higher education.
- Advanced learners are encouraged to participate in paper presentations and guidance is given for various competitive examinations.

- The institute conducts soft-skill development, domain specific training and career counseling session for the students by inviting external experts.
- Industry, employers, faculty and very strong Alumni connect actively contribute to the students development. Around 80-90% of total students complete the program within stipulated time. More than 60% campus placements for eligible candidates, around 12% students pursue higher studies, others preparing for competitive examinations and few are becoming entrepreneurs.
- Students have won several prizes by participating in inter-collegiate, intra-and inter-university sports, tournaments and cultural competitions.
- Alumni have extended financial support to establish project works lab in EIE department. Alumni motivate students with interactive sessions, expert talks and alumni meets. Academic excellence awards are given to final year students every year, some of which are sponsored by alumni.

Governance, Leadership and Management

- ○ The organization is striving towards providing quality education since 1980. The institute has a vision to make 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.
- ○ The leadership of institute believes in participative management and strives to bring in excellence with the involvement of all stakeholders. Various stakeholders of the institute are the members of the statutory bodies and committees and their meetings are conducted regularly and are being recorded.

- The organizational structure of the institute reflects the decentralization of administration at the institute and department levels.
- Under the leadership of the Heads, the departments plan and execute the academic and administrative activities. Dean (Academic Affairs) coordinates all academic activities of the institute.
- Institute, being self-financed, the tuition fee is the main source of the income. The institute makes budgeting provisions for recurring and non-recurring expenditure at the beginning of each academic year. As per the budget, the financial resources are made available for functioning of the college. Periodically, the accounts are audited internally and externally.
- Enlightened and forward looking management, with over 35 years of experience and a vision for bringing up institution to the highest level of quality, encourages faculty and students in all aspects.

Institutional Values and Best Practices

- KITSW is an eco-friendly campus known for its academic standards, competitive students, committed faculty, financial discipline, supportive management and strong alumni.
- Institution is committed to make students technologically superior & ethically strong through activities organized in the direction of inculcating social sensitiveness and make them best citizens of the country.
- Institute stands as an example in taking initiatives towards

- Gender equity & Gender sensitivity– 21 programs by Women Cell and IEEE-WIE
- Alternate Energy initiatives– 400 KWp Solar Power Plant and LED lighting.
- Waste management- 2m3 Biogas plant, 350 KLD capacity sewage treatment plant and e-waste disposal
- Rain water harvesting pits
- Green land scaping, plastic free campus, pedestrian friendly roads

- Friendliness resources like ramps, restrooms etc., for differently abled.
- Guest house, hostels, bus transport, T&P office at Hyderabad to overcome locational disadvantages.
- Awareness camps on yoga, safety rules, GST, extending help to orphans and old age homes to educate local community.
- Human values, professional ethics and communal harmony are promoted

- Best practices include student mentorship program, decentralization of administration for accountability & transparency. Other practices include Mandatory soft skills & domain specific skills for students and PBAS for faculty, implementation of pay-scales as per norms, adherence to examination schedule and compensatory classwork for any unforeseen holidays.
- The result is evident through NBA accreditation to all B.Tech. Programs and NIRF ranking in band of 151-200 top engineering colleges of India.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	Kakatiya Institute of Technology and Science
Address	Opp Yerragattugutta, Bheemaram, Hasanparthy Mandal,
City	Warangal
State	Telangana
Pin	506015
Website	www.kitsw.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	K.Ashoka Reddy	-	9959204320	-	acad.kitswgl@gmail.com
Principal	P.Venkateswara Rao	0870-2564888	7382520585	0870-2564320	principal.kitswgl@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	30-10-1980

Date of grant of 'Autonomy' to the College by UGC	19-06-2014

University to which the college is affiliated

State	University name	Document
Telangana	Kakatiya University	View Document

Details of UGC recognition

Under Section	Date
2f of UGC	28-11-1989
12B of UGC	28-11-1989

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2017	12	EoA for current academic year

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Opp Yerragattugutta, Bheemaram, Hasanparthy Mandal,	Rural	65.04	46404.46

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Intermediate	English	120	120
UG	BTech,Mechanical Engineering	48	Intermediate	English	180	167
UG	BTech,Electronics And Instrumentation Engineering	48	Intermediate	English	60	49
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	180
UG	BTech,Information Technology	48	Intermediate	English	60	60
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	180	180
PG	Mtech,Civil Engineering	24	BTech CE	English	24	24
PG	Mtech,Mechanical Engineering	24	BTech ME	English	24	21
PG	Mtech,Electronics And Instrumentation Engineering	24	BTech	English	18	18

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PG	Mtech,Electrical And Electronics Engineering	24	BTech EEE	English	18	18
PG	Mtech,Computer Science And Engineering	24	BTech	English	36	30
PG	Mtech,Electronics And Communication Engineering	24	BTech	English	25	25
PG	MBA,Management	24	UG	English	60	59
Doctoral (Ph.D)	PhD or DPhil,Civil Engineering	48	MTech	English	24	0
Doctoral (Ph.D)	PhD or DPhil,Mechanical Engineering	48	MTech	English	48	0
Doctoral (Ph.D)	PhD or DPhil,Electronics And Instrumentation Engineering	48	MTech	English	16	0
Doctoral (Ph.D)	PhD or DPhil,Computer Science And Engineering	48	MTech	English	16	0

Position Details of Faculty & Staff in the College

Teaching Faculty											
Professor				**Associate Professor**				**Assistant Professor**			
Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government			28				32				174
Recruited	25	3	0	28	24	8	0	32	123	51	0	174
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies			0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				79
Recruited	70	9	0	79
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				54
Recruited	48	6	0	54
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	21	2	0	9	3	0	19	8	0	62
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	4	1	0	15	5	104	43	0	0	172

Temporary Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	2113	1	1	0	2115
	Female	1490	1	2	0	1493
	Others	0	0	0	0	0
PG	Male	146	4	0	0	150
	Female	191	0	0	0	191
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	93	73	117	82
	Female	70	73	105	58
	Others	0	0	0	0
ST	Male	33	34	62	48
	Female	26	20	50	17
	Others	0	0	0	0
OBC	Male	348	312	224	307
	Female	226	218	177	169
	Others	0	0	0	0
General	Male	150	158	126	155
	Female	138	145	97	116
	Others	0	0	0	0
Others	Male	38	29	35	21
	Female	20	21	14	12
	Others	0	0	0	0
Total		1142	1083	1007	985

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Civil Engineering	[View Document](#)
Computer Science And Engineering	[View Document](#)
Electrical And Electronics Engineering	[View Document](#)
Electronics And Communication Engineering	[View Document](#)
Electronics And Instrumentation Engineering	[View Document](#)
Information Technology	[View Document](#)
Management	[View Document](#)
Mechanical Engineering	[View Document](#)

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3. Extended Profile

3.1 Programme

Number of programs offered year wise for last five years

2016-17	2015-16	2014-15	2013-14	2012-13
20	20	20	21	20

Number of all programs offered by the institution during the last five years

Response : 20

How many self-financed Programmes does the institution offer

Response : 20

Number of new programmes introduced during the last five years, if any

Response : 01

Number of UG programmes offered by the College, which are not covered under the Autonomous status of UGC

Response : 00

Number of PG programmes offered by the College, which are not covered under Autonomous status of UGC

Response : 00

Whether the College is offering professional programme

Response : Yes

3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3712	3582	3341	3177	3103

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
952	962	818	798	829

Total number of outgoing / final year students

Response : 906

Number of students appeared in the University examination year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
948	945	808	788	772

Number of revaluation applications year wise during the last 5 years

2016-17	2015-16	2014-15	2013-14	2012-13
1318	1375	473	258	267

3.3 Academic

Number of courses in all programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
860	860	860	638	638

Number of courses offered by the institution across all programs during the last five years

Response : 860

Number of full time teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
218	195	176	188	193

Number of full time teachers worked in the institution during the last 5 years

Response : 193

Number of teachers recognized as guides during the last five years

Response : 19

Number of sanctioned posts year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
218	195	176	188	193

Total number of publications during the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index

Response : 364

3.4 Institution

Number of eligible applications received for admissions to all the programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1373	1304	1143	1139	1109

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
855	780	784	714	685

Total number of classrooms and seminar halls

Response : 60

Total number of computers in the campus for academic purpose

Response : 1264

Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
877.18	565.00	404.86	372.89	588.63

Annual lighting power requirement (in KWH)

Response : 140.7

Annual power requirement of the institution (in KWH)

Response : 718759

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the Institution

Response:

Curricula developed for UG and PG programs are in line with Program Outcomes and Program Educational Objectives, which are in line with Institute Vision and Mission. Curriculum has following components:

1. *Science Component*

2. *Humanities and Social Sciences*

3. *Professional Core*

4. *Breadth Component*

5. *Elective Component - Professionl and Open Electives*

6. *Project Work and Seminar* .

Until 2013-14 academic year, Institution followed the curriculum of Kakatiya University. With the autonomous status conferred by the UGC in A.Y. 2014-15, a revised curriculum is implemented, both for UG and PG programs (B.Tech, M.Tech and MBA) for the students admitted from A.Y. 2014-15.

The autonomous curriculum, scheme of instructions, syllabus are set to meet basic student graduate skills, industrial needs, local demand and in view of global needs and current technology courses. The gap that was there during the University curriculum is minimized in the present curriculum.

Every course is designed for 48 hours of class work with Course Outcome(CO) for every period. These period COs are reduced to four Unit COs for each unit and then further reduced to 4 COs for each course.

To address the current technology needs, Professional Elective Courses are introduced in the curriculum. Open Electives are introduced to encourage students to take up courses interdiciplinary areas (Disaster Management, Project Management, Rural Technology and Community Development, Foriegn Exchange and Foriegn Trade,etc.).

Besides the university reforms, the necessary steps are also taken by the institute to train the students by delivering the contents beyond the syllabus, inviting experts form industry/reputed institutions, conducting industrial tours, organizing orientation programs, skill development programs etc.

1.1.2 Percentage of programs where syllabus revision was carried out during the last five years

Response: 70

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 14

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development

Response: 24.46

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
303	303	303	53	53

File Description	Document
Average percentage of courses having focus on employability/ entrepreneurship	View Document
Program/ Curriculum/ Syllabus of the courses	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Response: 30.23

1.2.1.1 How many new courses are introduced within the last five years

Response: 260

File Description	Document
Institutional data in prescribed format	View Document
Minutes of relevant Academic Council/BOS meetings	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 77.78

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 14

File Description	Document
Institutional data in prescribed format	View Document
Minutes of relevant Academic Council/BOS meetings	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The curriculum is well designed to integrate courses related to Environment and Sustainability, Human Values and Professional Ethics to be inline with institution Vision and Mission.

Mandatory Courses:

1. NSS - Community orientation & Physical education(U14EA110/210):

The institute promotes neighborhood - community networks by initiating the community development activities through its National Service Scheme (NSS) Unit. The NSS unit of the institute inculcates the spirit of service in the students mind by conducting various programmes like tree plantation, blood donation camps etc. The students of various departments form social service groups and take up service activities independently with the guidance of the faculty.

Physical education gives students a general picture of the scope of physical education (PE) and its relationship with sport, recreation and leisure. This course helps the students to be charged and be active.

2. Environmental studies (U14CH109/209):

Environmental studies is a field of study that crosses the boundaries of traditional disciplines including the sciences, social sciences, and humanities as well as management, policy, design, and law and challenging faculty and students to look at the relationship between humans and their environment from a new perspective.

OPEN ELECTIVE COURSES:

3. Professional Ethics and Human Values (U14OE601C)**:**

The objectives of this course on 'Professional Ethics and Human Values' are: to understand the moral values that ought to guide the Engineering profession, resolve the moral issues in the profession, and justify the moral judgment concerning the profession. It is intended to develop a set of beliefs, attitudes, and habits that engineers should display concerning morality.

4. **Disaster Management   (U14OE601A):**

Social and economic developments are crucial components of disaster preparedness, however initiatives in development must be undertaken with caution and greater understanding of risks. Development can increase or reduce vulnerability, depending on how programs are designed and run. On the other hand, while natural disaster may seem to counter development goals, they can also offer development opportunities. Disaster management is a collective term encompassing all aspects of planning for and responding to emergencies and disasters, including both pre- and post-event activities.

5. Project management (U14OE 601B) :

Project management is the discipline of using established principles, procedures and policies to manage a project from conception through completion.The project management plan is expected to effectively and efficiently guide all aspects of a project from start to finish, with the ideal goal of delivering the outcome on time and on budget. A project plan often begins with a project charter, and it is expected to identify potential challenges in advance and handle any roadblocks as they arise in order to keep the project on schedule.

6. Rural Technology and community development (U14OE 601D):

Rural community development encompasses a range of approaches and activities that aim to improve the welfare and livelihoods of people living in rural areas. These approaches pay attention to social issues particularly community organizing. Rural community development is important in developing countries where a large part of the population is engaged in farming.

File Description	Document
Any additional information	[View Document](#)
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	[View Document](#)

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 159

1.3.2.1 How many new value-added courses are added within the last 5 years

Response: 159

File Description	Document
List of value added courses	[View Document](#)

1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

Response: 72.3

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3539	3392	2848	1400	1308

File Description	Document
List of students enrolled	[View Document](#)

1.3.4 Percentage of students undertaking field projects / internships

Response: 19.95

1.3.4.1 Number of students undertaking field projects or internships

Response: 788

File Description	Document
Any additional information	[View Document](#)
List of programs and number of students undertaking field projects / internships	[View Document](#)

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5)

Parents for design and review of syllabus Semester wise /year wise
A. Any 4 of above

B. Any 3 of above

C. Any 2 of above

D. Any 1 of above

Response: A. Any 4 of above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
Any additional information	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.08

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	7	4	0	0

File Description	Document
List of students (other states and countries)	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.1.2 Demand Ratio(Average of last five years)

Response: 1.09

2.1.2.1 Number of seats available year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1213	1189	1069	1069	1027

File Description	Document
Demand Ratio (Average of Last five years)	[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 100

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
855	780	784	714	685

File Description	Document
Average percentage of seats filled against seats reserved	

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The institution follows a well designed academic plan to implement desired learning objectives, assess the students and guide them to improve their academic performance.

1. Regular Class Review Committee (CRC) meetings are conducted to assess the understanding comforts of the students

2. Remedial classes are scheduled for slow learners in the regular class work time-table for every course

3. Advanced learners are encouraged for paper presentations and funding for innovative projects

4. Tutorials are included in the regular class work time-table to solve more number of problems and to revise the topics covered

5. Course Review Meeting (CRM) is conducted after Mid Semester Exam to assess the learning level of students and additional classes are arranged for the slow learners

6. e-learning resources like NPTEL lectures, e-journals, AICTE-SWAYAM courses are also used in addition to video and ppt lectures

7. Induction program is conducted for about 1-week for first year students to bring awareness on what is engineering and how to plan the course of study

File Description	Document
Any additional information	

2.2.2 Student - Full time teacher ratio

Response: 16.88

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.43

2.2.3.1 Number of differently abled students on rolls

Response: 17

File Description	Document
Institutional data in prescribed format	View Document
List of students(differently abled)	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The curriculum has theory, laboratories, workshops, seminars & project work to develop all the graduate attributes in the students.

- Tutorials are held for every course to help the students by solving more problems making the students to solve on their own by discussing, allowing the students to present a seminar on a topic.
- In the laboratories, student involve in designing, making connections, performing experiments and verifying the results. This helps students to develop practical skills, team work and record writing.
- Courses like workshop, Engineering drawing, English language lab support the students to enhance their drawing skills, model building and communication skills.
- Students present a seminar an a technical topic by doing a literature survey of current technology areas using the e-journals available in digital library.
- Mini project and major project work helps the students to do a practical/hardware/simulation work as a single/team and employ suitable problem solving methods and contribute to develop a hardware/software product.
- NPTEL video lectures are used as part of ICT based teaching.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 234

File Description	Document
List of teachers (using ICT for teaching)	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 16.88

2.3.3.1 Number of mentors

Response: 234

File Description	Document
Year wise list of number of students, full time teachers and mentor/mentee ratio	View Document

2.3.4 Preparation and adherence to Academic Calendar and Teaching plans by the institution

Response:

Academic calendar is prepared well in advance for all UG and PG programs by Dean, Academic Affairs. The class work, mid semester exams, internal and external examinations are all strictly followed as per almanac.

- Teaching schedules are prepared by respective course teachers - indicating the topics to be covered in each period, date of assignment question paper uploading and date by which student should submit their assignments, course objectives, course outcomes – is uploaded in college management system (CMS) at least one week before the class work starts. This is accessible by the students by their username and password.
- All the time tables are made available in the college website.
- Tutorials and remedial classes are also allotted to all the courses and time-table is made available in the website.
- Heads of the Departments, class teachers continually monitors the class work, seminars, project works and ensure that the almanac is followed.
- Examination branch schedules all the internal and external examinations as per the time-slots given in the almanac.
- Academic activity is prepared for every semester. Class Review Committee (CRC) meetings, Course review meetings, students feedback are all followed as per schedule.
- Additional remedial classes are also scheduled for slow learners on Saturdays.
- Make up classes are also arranged during holidays for supplementary students.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 22.15

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
57	48	39	39	33

File Description	Document
Any additional information	View Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Response: 8.14

2.4.3.1 Total experience of full-time teachers

Response: 1904

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 1.45

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	2	2	6

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 0.97

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	5	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years

Response: 76.6

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
30	35	61	145	112

File Description	Document
List of programs and date of last semester and date of declaration of result	[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)

2.5.3 Average percentage of applications for revaluation leading to change in marks

Response: 46.92

2.5.3.1 Number of applications for revaluation leading to change in marks year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
280	465	117	183	224

File Description	Document
Year wise number of applications, students and revaluation cases	[View Document](#)

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system

Response:

EXAMINATION PROCEDURES:

- The Cumulative Grade Point Average (CGPA) system has been introduced during the academic year 2014-15.
- **Bar-coded** answer booklets have been introduced.
- The answer booklets with Bar-coded and student-specific (personalized) **OMR sheets** are issued to the students.
- Additional answer booklets are dispensed with, by the introduction of single 32-page answer booklet.
- Revaluation system has been introduced as a measure of grievance-redressal.
- Jumbling system of seating arrangement has been introduced. In this system no two students of the same discipline will be seated consecutively in any given column.
- New seating plan is generated every day and is displayed 30 minutes before the commencement of the examination.
- Faculty-coordinators, nominated from each department, coordinate with the Examination Branch to pass any examination-related information on to the students quickly through social media platforms like whatsapp.
- It is made mandatory for the invigilators to read out the rules/ punishments of malpractice every day in the examination halls to make the students disinclined to indulge in malpractice. Further, these rules/ punishments are furnished in the Institute's handbook given to every student at the time of his/her admission to this Institute. This information is provided in the Institute's website too.

PROCESSES INTEGRATING INFORMATION TECHNOLOGY:

- The Information Technology is used for integrating various processes related to the examinations as detailed hereunder.
- The College Management System (CMS) software is utilized to post all the examination-related information like Assignments, marks secured by the students (in Assignments and MSEs). The students and their parents have the access to this entire information posted in CMS.
- Examination fee notification, schedules of examinations (MSE and ESEs), results of ESEs, schedule for revaluation process is posted in the institute website.
- This Institute has tied-up with dBase Solutions to ensure 100% automation of examination related processes.
- A separate server exclusively for the Examination Branch is available in the examination branch to store and retrieve any examination-related data pertaining to any student.
- The online payment of examination(s) fee and online registration for the examination(s) (regular and supplementary) have been introduced and being implemented successfully. This Institute has entered into MoU with "Bill Desk" and "Atom" for secured payment gateways.

CONTINUOUS INTERNAL EVALUATION (CIE):

- **CIE for Theory Courses:** The Continuous Internal Evaluation for the Theory Courses consists of two components viz., Teacher's Assessment (TA) and Mid-Semester Examinations (MSE).
- The TA is based on the performance of the student in 08 (EIGHT) assignments given by the teacher periodically.
- Two MSE's of two-hour duration each are conducted per each Theory Course per semester. The average of the marks scored by the student in these two MSE's is considered for internal evaluation.

- The End-Semester Examination (ESE) of three-hour duration is conducted in each Theory Course at the end of the semester.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.5.5 Status of automation of Examination division along with approved Examination Manual
A. 100% automation of entire division & implementation of Examination Management System (EMS)

B. Only student registration, Hall ticket issue & Result Processing

C. Only student registration and result processing

D. Only result processing

Response: A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Annual reports of examination including the present status of automation	[View Document](#)
Current manual of examination automation system and Annual reports of examination including the present status of automation	[View Document](#)
Current Manual of examination automation system	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Program Outcomes (POs) are defined for all programs as per NBA guidelines. In addition, Program Specific Outcomes (PSOs) are also defined. These are disseminated in the department, college website, magazines, brochures, newsletters and also informed to the students the meaning and importance of program outcomes.

- Course Objectives (or) Course Learning Objectives (LOs) and Course Outcomes (COs) are well

defined.

- LOs and COs are made available to all students and faculty through syllabus books, teaching schedules and also in the college website.

- LOs and COs are also communicated to the students in the very first hour of all courses by the faculty.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Guidelines given by NBA is followed to assess course outcomes and program outcomes.

Measuring Course Outcomes attained through University Examinations

Target is set for each course in terms of percentage of students getting more than the university average marks or more as selected by the Program in the final examination. For cases where the university does not provide useful indicators like average or median marks etc., the program may choose an attainment level on its own with justification.

Attainment levels vs. targets

Attainment Level 1: **60%** students scoring more than University average percentage marks or set attainment level in the final examination.

Attainment Level 2: **70%** students scoring more than University average percentage marks or set attainment level in the final examination.

Attainment Level 3: **80%** students scoring more than University average percentage marks or set attainment level in the final examination.

Measuring CO attainment through Internal Assessments:

Target for each course is set in terms of percentage of students getting more than class average marks or set by the program in each of the associated COs in the assessment instruments

Attainment Level 1: **60%** students scoring more than 60% marks out of the relevant maximum marks.

Attainment Level 2: **70%** students scoring more than 60% marks out of the relevant maximum marks.

Attainment Level 3: **80%** students scoring more than 60% marks out of the relevant maximum marks.

Assuming 67% weightage to University examination and 33% weightage to Internal assessment, the attainment calculations will be (67% of University level) + (33% of Internal level).

Attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Tools for assessment of programme outcomes are divided into two categories

• Direct Assessment and

• Indirect Assessment

The tools such as tests, assignments, examinations etc. are utilized to design the questions that relate to specific course outcomes in each course.

Overall Attainment of POs & PSOs:

Both direct and indirect assessments tools are used for evaluation of attainment of POs & PSOs.

File Description	Document
Any additional information	[View Document](#)

2.6.3 Average pass percentage of Students	
Response: 78.38	
2.6.3.1 Total number of final year students who passed the university examination	
Response: 743	
2.6.3.2 Total number of final year students who appeared for the examination	
Response: 948	

File Description	Document
List of programs and number of students passed and appeared in the final year examination	[View Document](#)
Any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website

Response: Yes

File Description	Document
Any additional information	View Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year)

Response: 0.37

3.1.2.1 The amount of seed money provided by institution to its faculty year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	1.87

File Description	Document
List of teachers receiving grant and details of grant received	View Document

3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years

Response: 1

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	1	0

File Description	Document
List of teachers and their international fellowship details	[View Document](#)
e-copies of the award letters of the teachers.	[View Document](#)

3.1.4 Institution has the following facilities

    1.**Central Instrumentation Centre**
    2.**Animal House/Green House / Museum**
    3.**Central Fabrication facility**
    4.**Media laboratory/Business Lab/Studios**
    5.**Research / Statistical Databases**

A. Any four facilities exist

B. Three of the facilities exist

C. Two of the facilities exist

D. One of the facilities exist

Response: C. Two of the facilities exist

File Description	Document
Link to videos and photographs geotagged	[View Document](#)

3.2 Resource Mobilization for Research

3.2.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years(INR in Lakhs)

Response: 5.5

3.2.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
2.0	3.5	0	0	0

File Description	Document
List of project and grant details	

3.2.2 Number of research centres recognised by University and National/ International Bodies

Response: 4

3.2.2.1 **Number of research centres recognised by University and National/ International Bodies**

Response: 4

File Description	Document
Names of research centres	
Any additional information	

3.2.3 Percentage of teachers recognised as research guides

Response: 8.12

3.2.3.1 **Number of teachers recognised as research guides**

Response: 19

File Description	Document
Any additional information	
Details of teachers recognized as research guide	

3.2.4 Average number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 0.02

3.2.4.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 04

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
link to funding agency website	[View Document](#)

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Response:

The notable strength of the institute is its qualified faculty doing their research in wide spread areas. Their research work is leading to the development of creativity, innovation and design thinking eco-system among the student community. As a result the faculty could file patents, publish papers in reputed journals with high impact factor and also received sponsored projects in various fields of engineering and technology viz., Non-conventional machining, image processing, Expert systems and Medical Electronics etc.The institute is focusing more on medical electronics as there is a wide scope for spin-offs. The inputs required for this project are moderate and the scope is large.

Four of the departments are recognized as University research centers by Kakatiya University, Warangal for carrying out research leading to Ph.D. These departments are having Research Laboratories equipped with state of the art equipment to carry out research in different domains of engineering and technology.

The management of this institution has always wished to see its students to be job givers and not job seekers. Continuous efforts are there to motivate the student community to take-up entrepreneurship as a career through various curriculum and non-curriculum programs. Entrepreneurship development cell was established with the financial grant received from AICTE in the year 2014. The cell has been instrumental in converting the technological disruptive ideas into start-ups.

Students are showing interest in spin-offs/start-ups in trending areas of technology such as Medical Electronics, IoT, Artificial Intelligence (AI), Machine Learning, Cyber Security, Material Sciences and Engineering, Smart Sensor, Sensor Networking, etc.

Students won TCS best project award for a project on BLIND STICK

Students under SAE-BAJA competition, designed multi-terrain vehicle and won national award

Students are working on e-bike and automated water level indicator

File Description	Document
Any additional information	View Document

3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

Response: 6

3.3.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	1	1	2	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

Response: 7

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	2	2	2	0

File Description	Document
List of innovation and award details	View Document

3.3.4 Number of start-ups incubated on campus during the last five years

Response: 0

3.3.4.1 Total number of start-ups incubated on campus year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of startups details like name of startup, nature, year of commencement etc	[View Document]

3.4 Research Publications and Awards

3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: No

File Description	Document
List of Awardees and Award details	[View Document]

3.4.3 Number of Patents published/awarded during the last five years

Response: 0

3.4.3.1 Total number of Patents published/awarded year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of patents and year it was awarded	[View Document]

3.4.4 Number of Ph.D.s awarded per teacher during the last five years

Response: 0.84

3.4.4.1 How many Ph.Ds are awarded within last 5 years

Response: 16

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.81

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
68	149	215	164	171

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)

3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Response: 0.63

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
189	137	118	87	87

File Description	Document
List books and chapters in edited volumes / books published	[View Document](#)

3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Response: 1.98

3.4.7.1 Total number of citations received by publications in the last 5 years, which are included in online databases such as SCOPUS, web of science or PubMed/ Indian Citation Index

Response: 720

File Description	Document
BiblioMetrics of the publications during the last five years	[View Document](#)

3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 10.14

3.4.8.1 Number of citations received by individual research publications in the last 5 years

Response: 720

3.4.8.2 Number of publications receiving proportionately maximum number of citation in the last five years

Response: 71

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual

Response: Yes

File Description	Document
Soft copy of the Consultancy Policy	[View Document](#)
Minutes of the Governing Council/ Syndicate/Board of Management related to Consultancy policy	[View Document](#)
URL of the consultancy policy document	[View Document](#)

3.5.2 Revenue generated from consultancy during the last five years

Response: 111.1

3.5.2.1 Total amount generated from consultancy year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
22.50	22.67	46.32	10.26	9.34897

File Description	Document
List of consultants and revenue generated by them	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)

3.5.3 Revenue generated from corporate training by the institution during the last five years

Response: 0

3.5.3.1 Total amount generated from corporate training by the institution year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of teacher consultants and revenue generated by them	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The main objective of Student Activity Center (SAC) in the institution is to make the students to participate in the development of the institute and develop their career, personality and organizational skills through interactive programs with the faculty, administration and society.

At present 8 clubs are functioning under SAC. These are: 1) Music, Dance &Fine Arts club 2) Literary& Extramural Club 3) Games &Sports Club 4) Humanity Club 5) NSS 6) NCC 7) Disciplinary Club 8) Photography & Media Club.

The aim of National service scheme is that involving academic community in social Service activities and personality development of students through community service.

The main objectives of NSS in the inistitution are to identify the requirements of the community and to encourage the youth to satisfy these requirements and to prepare the volunteers for their future role as sensitized, but self confident community persons. NSS Volunteers are always ready to accept the challenges for solving the community problems.

The NSS team plays a vital role in social mobilization and the national reconstruction by arranging the student youth in direct service to community. Under Regular activity, the students are expected to work as NSS volunteers for consecutive two years. They have to devote 120 hours per year. The regular activities include constructive work in adopted villages and slums, blood donation, adult and non -formal education, health, nutrition, family welfare, AIDS awareness campaigns, tree plantation and improvement of campuses etc.

Our KITSW college comes under 1(T) CTR NCC unit of Warangal group. Our unit has total 100 cadets. We try to inculcate patriotism, discipline, helping nature by conducting rallys like aids day ,national youth day, international day against drug abuse and illicit trafficking & also by conducting swacch bharath Abhiyan, Haritha vanam, international yoga day, rashtriya ekta divas camps like blood donation camp etc have been conducting every year.

The literary club members are also a part of various alfresco events in other areas & communities and bag up prizes, representing our Institution & the club. The club also organizes social events with its members in its collaboration with "Leaders for Tomorrow", a non-profit organization like swach-bharat awareness rally, a visit for wisdom to the old-age homes etc.

The aim of Humanity club is to improve the lives of socially, economically and physically backward classes of the society through proper coordination of student community of the institution.

One of the main objectives of humanity club is to induce a sense of compassion and responsibility in the student community through various donations and awareness campaigns. As a part of the club every month students are visiting nearby orphan age homes, mentally retarded persons, old age homes, blind schools etc., and distributing cloths, rice, fruits, books, stationary items and other grocery items to them.

Our students are actively involving in all societal related issues inadopted Nagaram village and

helping the neighborhood community by means of their dedicated and committed services with the guidance of the faculty members.

File Description	Document
link for additional information	[View Document](#)

3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 19

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	6	1	1	1

File Description	Document
Number of awards for extension activities in last 5 years	[View Document](#)

3.6.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 57

3.6.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
11	13	11	12	10

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Reports of the event organized	View Document

3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 27.34

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1703	785	1250	735	260

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

Response: 0

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document

3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

Response: 767

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
201	163	145	161	97

File Description	Document
Details of linkages with institutions/industries for internship	[View Document](#)
e-copies of linkage related Document	[View Document](#)

3.7.3 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 72

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
21	17	15	11	8

File Description	Document
Details of functional MoUs with institutions of national, international importance,other universities etc. during the last five years	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

Institution is now running 7 UG programs in B.Tech-CE, ME, EIE, EEE, CSE, IT & ECE, 7 PG programs in M.Tech-SCE, DE, VLSI&ES, DC, SE, PE and MBA. Infrastructure for all these programs are provided as per the curricullum and in addition facilitites are provided for concepts over and above curriculum. There are 5 blocks in the institution where class rooms, laboratories, library, adminstrative blocks are spread.

The carpet area of all classrooms and laboratories are as per AICTE norms. Classrooms are equipped with LCD projector and wifi is available through out the working area of the campus. All the laboratories are equipped with sufficient number of equipment to conduct the experiments as prescribed in the syllabus. Equipments like power analyser, 3D printer, lathe machines, welding machines which can support for higher learning are available. Laboratories are open beyond the regular working time for the students to practice or work on projects.

Computer labs are available in all the departments and every students is given one computer for working in the laboratories. English language laboratory is equipped with softwares on communication skill building and facititlies for recording the presentations of students.

Central library is open from 8am to 8pm and is having a large collection of textbooks, journals (hard copy and soft copy) and magazines. There is NPTEL class room in the central library with a seating capacity of 60, where all the NPTEL lectures can be accessed. Digital library facility is available to the students and faculty where ejournals and online books/learning material can be accessed.

NSS and Physical activity are mandatory courses for the B.Tech programs. Indoor stadium, Yoga hall, outdoor stadium and separate Gym facilities for Boys & Girls are available.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities.

Response:

The Department of Physical Education over a period of time has grown leaps and bounds. Today it has state of the art facilities for playing many of the Games & Sports in the campus. Due to the unstinted support extended by the Management of the Institute, the department could able to add the required infrastructure one after the other. Today we could able to provide the following facilities to the students for playing at the campus:

    1. 400 Mts. Athletic Track.   1No.
    2. Cricket Field.   1No.

3. Foot Ball Field   1No.

4. Hand Ball Court   1No.

5. Basket Ball Court (C.C. Flooring.)   1No.

6. Volley Ball Courts   4 Nos.

7. Ball Badminton Courts   2Nos.

8. Tennikoit Courts   2Nos.

9. Kabaddi Courts   2Nos.

10. Kho – Kho Court   1 No

11. Tennis Court   1 No

12. Badminton Indoor Courts   - Wooden   2Nos.

13. Badminton Indoor Court   - C.C. Floor   1No.

14. Badminton Indoor Courts   - Outdoor   2Nos.

15. Table Tennis Tables.   8 Nos.

16. Carom Boards.   8Nos.

17. Chess Boards.   25Nos.

18. Multi-Gym (12 Stn.)   1No.

19. Roman Rings.   1No.

20. Horizontal Bar.   1No.

21. Parallel Bars.   2Nos.

22. Joggers.   3Nos.

23. Exercise By-cycles.   2Nos.

24. Stepper.   1No.

25. Rower.   1No.

26. Abdominal Conditioner.   1No.

27. Twister.   1No.

28. Vibratory Belt.   1No.

29. Power Pack.   1No.

30. Chest Expanders.   2Nos.

31. Dips Stands.   2Nos.

Separate Gym facilities for Boys & Girls available

AREA AVAILABLE:

- Outdoor   ..   52,600 Sq.mts.
- Indoor Stadium   ..   One (1400 Square Meters)
- Yoga Hall   ..   One

Indoor Stadium established in 2004, User rate per day   more than 300 students

Outdoor Stadium established in 1988, User rate per day   more than 300 students

Yoga Hall established in 2004, User rate per day   more than 300 students

I - B.Tech. CLASS WORK TIME TABLE 2017-18

I - SEMESTER (Stream-I/Stream-II)

SI.No	DAY	TIME	Branch
1	MONDAY	2.50pm to 4.30pm	CSE-I, CE-II & EE-II
2	TUESDAY	2.50pm to 4.30pm	ME-I, CSE-III & ECE- II
3	WEDNESDAY	2.50pm to 4.30pm	IT, EEE-I & ECE-I
4	THURSDAY	2.50pm to 4.30pm	ME-II, CE-I & CSE-II
5	FRIDAY	2.50pm to 4.30pm	ME-III, EIE & ECE-III

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 50

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 30

File Description	Document
Any additional information	View Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 46.23

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
341.20	185.00	220.00	164.88	358.88

File Description	Document
Details of budget allocation, excluding salary during the last five years	[View Document](#)
Audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Library is automated using Integrated Library Management system: (ILMS)

The Library is automated by using a Software which is developed by CSE Department of this Institution since year 2003. The software is developed using VB5. The library functions like circulation, Online Public Access Catalog (OPAC) and office functions have been computerized. In addition to this Barcode technology also introduced.

File Description	Document
Any additional information	[View Document](#)
link for additional information	[View Document](#)

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

Response:

The central library in the institution suscribes for rare and special books in addition to text books and journals to support faculty for research. These rare books are majorly in the area of mathematics like wavelets, random matrix theory, advanced linear algebra, differential geometry, etc. from publishers like Springer, Cambridge, AMS, Elsevier etc. In addition there is good collection of general books on literature, competitive examinations, biographies of great personolities.

File Description	Document
Any additional information	[View Document](#)

4.2.3 Does the institution have the following

    1.e-journals

    2.e-ShodhSindhu
    3.Shodhganga Membership
    4.e-books
    5.Databases

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	[View Document](#)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 31.13

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
42.85	30.64	28.69	33.97	19.49

File Description	Document
Audited statements of accounts	[View Document](#)
Details of annual expenditure for purchase of books and journals during the last five years	[View Document](#)

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	[View Document](#)

4.2.6 Percentage per day usage of library by teachers and students

Response: 6.5

4.2.6.1 Number of teachers and students using library per day over last one year

Response: 272

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The use of Information Technology (IT) is a valuable tool to enhance the learning experience and accessing resources. KITSW invested heavily on IT in order to easily deliver engineering and management education at a higher quality and acceptable standards.

A state-of-the-art computer network with more than 1250 nodes connects all the members of the Institute community with each other. This network has fibre optics backbone with one or more fibre segments reaching every building on the campus. There are more than 150 high end manageable network switches installed to handle the internal data traffic. Every workplace on the campus including student rooms in dormitories, faculty rooms, classrooms, management development centre, computer lab, and administrative offices has network connectivity. Using long range ethernet technology, faculty residences have been also provided network connectivity to the Institute's Intranet.

The Institute has put a wireless layer (wi-fi), on top of this highly dense network with high level of security using username & password based authentication. A firewall is also placed to provide higher security. The campus network is supported by a large server farm with more than 30 high speed servers, running on a wide variety of platforms. Many servers on this network make use of Linux and open source software for providing the necessary services. For every workgroup (faculty, students, staff, participants, etc.), there is a set of dedicated servers which provide a core layer of services like Internet access, and file/print services. E-mail facility is managed through Google which provides us web based email client, built in chat facility, Google docs, Google apps, Google sites and few other facilities as well. The main web server (http://www.kitsw.ac.in) carries information on KITSW. Another web server (http://www.kitswgl.college24by7.com) provides facilities for individual students to host their home pages. Every student dormitory has a high speed shared network . Software packages like language processors, statistical, math programming, simulation, project management, CASE, and ERP packages are available to students and faculty for their academic and research work.

The Institute's network is linked to the Internet via a set of dedicated leased lines enabling round-the-clock

Internet connectivity on the campus with a bandwidth of 100Mbps. All the Internet Service Providers (ISPs) from whom the Institute has procured Internet bandwidth have installed fibre optics link from the campus to their hub. This ensures very high quality of bandwidth to the Internet. In addition, we also have a dedicated line of 10Mbps from BSNL. Classrooms are equipped with a projector for facilitating NPTEL classes. A special room is also available in the computer centre where on-line computer based training can be imparted. The recently revamped KITSW website includes payment gateway and offers access to a large repository of KITSW case studies and research reports. KITSW has equipped NPTEL Course material with Cisco Coded Video Tele-conferences, which are used for communications all over the world, and facilitates virtual classes between KITSW and other institutions.

4.3.2 Student - Computer ratio

Response: 3.12

File Description	Document
Student - Computer ratio	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
<5 MBPS

5 MBPS - 20 MBPS

20 MBPS - 35 MBPS

35 MBPS - 50 MBPS

Response: ?50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 56.24

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
387.73	345.68	290.62	233.54	243.76

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The Institute adopts regular maintenance of the infrastructure periodically

SNo	Details	Maintenance System	Maintenance cycle	Rem
1	Buildings/Roads	- A Contract is given for a Lump sum amount for period of one year, which involves cleaning the buildings , class rooms wash rooms , drawing halls, seminar halls, auditorium, faculty & staff rooms, hostel rooms, corridors. The work is checked by the Assistant project officer of the project office who submits a report. - Any, not cleaned report is recorded in the complaint book available at the project office by the staff. - The cleaning material is provided by the college.	Daily	
2	Generators	Annual Maintenance Contract (AMC) is given to the manufacturer.	Once in three months/Hours of working	
3	Electrical Installations	All the electrical installations in the building premises is inspected and maintained after every semester.(Tube lights/ fans/ motors/	Two times in a year.	

		projectors/ cameras/AC's) • All the electrical installations in power room/ transformer / lightning arrestors/earth pits are verified by the Local Electricity department officials and corrective measures are suggested, which shall be completed immediately. • Any complaints on electrical related issues are recorded in a complaint book and are rectified at the earliest.		
4	Solar Captive power plant	• All the solar panels are cleaned with water twice a week.	Twice a week	
5	Water Supply and storage	• All the water storing bodies are cleaned periodically. • Sumps • Overhead tanks • Drinking water Coolers • RO water Plant (AMC)	Once in 15 days 15 days 7 days. 90 days	
6	Fire Fighting Equipment	• All the fire fighting equipments are checked for the operation periodically and the fire extinguishers are refilled as per the expiry date. • Hose reel Checking • Fire Extinguishers	Once in 30 days Date of Expiry	

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 52

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1844	1813	1688	1703	1724

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)
Any additional information	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 1.24

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
28	39	39	51	49

File Description	Document
Any additional information	[View Document](#)
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

    1. **Guidance for competitive examinations**
    2. **Career Counselling**
    3. **Soft skill development**
    4. **Remedial coaching**
    5. **Language lab**
    6. **Bridge courses**
    7. **Yoga and Meditation**
    8. **Personal Counselling**

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

Response: 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	[View Document]()
Link to Institutional website	[View Document]()

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 5.82

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
172	154	203	296	148

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	
Any additional information	

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 0

5.1.5.1 Number of students attending VET year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of of students benefited by Vocational Education and Training (VET)	

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 26.63

5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
341	289	244	169	135

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 11.87

5.2.2.1 Number of outgoing students progressing to higher education

Response: 113

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations)

Response: 40.22

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
149	207	225	201	186

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
591	580	446	444	418

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

Response: 175

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
24	41	24	53	33

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	[View Document](View%20Document)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Student Council is constituted in the Institution from academic year 2013-14.

OBJECTIVE OF THE STUDENT COUNCIL:

To make the students to participate in the development of the institute and develop their career, personality and organisational skills through interactive programs with the faculty, administration and society.

COMPOSITION OF THE STUDENT COUNCIL:

1. One student from each section of I/IV B.Tech
2. One student from each branch / section of II/IV B.Tech
3. One student from each branch/ section of III/IV B.Tech
4. One student from each branch/ section of IV/IV B.Tech
5. One M.Tech student from each Engg. Department
6. One student from MBA Program
7. One student from research scholars of recognized research center
8. Five students to be nominated by the Principal representing various sections of student community

such as foreign students, girl students etc.,

9. General Secretaries of various clubs.

OFFICE BEARERS OF STUDENTS COUNCIL

COMPOSITION	INCHARGE
CHAIRMAN	PRINCIPAL
STAFF ADVISOR	DEAN, STUDENTS AFFAIRS
PRESIDENT (ONE)	FINAL YEAR B.Tech student from the council mem
VICE PRESIDENT (TWO)	FINAL YEAR B.Tech students from the council mer
GENERAL SECRETARY (ONE)	THIRD YEAR B.Tech student from the council men
JOINT SECRETARY(THREE)	1. One from second year B.Tech student from the council members 2. One from First year B.Tech student from the members 3. One from nominated members from the coun members

SELECTION OF STUDENTS FOR COUNCIL:

1. The class representatives of various branches will be the Members of students council
2. General Secretaries (B.Tech Final year students only) of various clubs are to be nominated by the Faculty Advisors of the club concerned.
3. All the student council members will elect the office bearers of student council from among them.
4. After the office bearer elections, the student's council is constituted by the order of the principal on the recommendations of the Dean Students affairs.
5. Dean Student's affairs decision is final in this regard.

DUTIES AND RESPONSIBILITIES OF THE COUNCIL:

1. Prevention of ragging in the campus through counseling senior students, helping the administration whenever necessary.
2. Helping the administration in smooth conduct of student activities on the campus.
3. Smooth conduction of Annual sports day, Graduation day, Cultural fest (SANSKRITI), Technical fests etc.,
4. Suggesting the administration to improve the student amenities to improve their career and personality building.
5. Guiding the junior and needy students to improve their technical, organizational and managerial skills by organizing seminars/symposia/Workshops etc.,
6. Encouraging innovative and creative skills of the under graduate and post graduate students.
7. Organize the programs in the campus to improve the cleanliness and greenery in the campus.
8. Any activity to improve the knowledge and skills of the campus students.
9. Conduct expert lectures from eminent persons in the society for personality development, career development, Skill development and broaden their vision.
10. Maintenance of the peace and harmony among campus community in general and student community in particular.
11. All the council members are required to co-operate with Dean Students affairs for the smooth

functioning of the programs.

File Description	Document
Any additional information	
Link for Aditional Information	

5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 1.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	2	2	1

File Description	Document
Number of sports and cultural activities / competitions organised per year	

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

1. The Alumni Association of KITSW has been formed in the year 2007 in order to fulfill the long felt need for a forum and the cherished desires of its alumni. It has been duly registered as a society (Regd. No. 292 of 2007) to activate its functioning.
2. Online registration in the portal of KITSWAA, whose link is placed in www.kitsw.ac.in
3. To link all the Alumni members with the **Alma Mater**
4. To update Alumni members about the activities of **KITS** and the **Alumni association**.
5. As a member of Board of Studies, Alumni are guiding us in academic matters i.e., designing of curriculum and syllabus of courses.
6. Alumni is contributing to the institution as member of Governing Body & Academic Council.

Alumni are helping in motivating & guiding during Alumni Graduation Day, Orientation program, Induction program, Parent-Teacher Meet and Department Association Activities.

27-02-2018 02:52:51

1. To extend maximum help to the institute in the placement of students in their own organizations and help in other organizations of repute.
2. To provide internships to students & establishment of Project works Lab in EIE Department.
3. Adoption of poor economically backward students.
4. Visiting & Organizing the **guest lectures** to disseminate and update the knowledge of the students with the latest information.
5. Alumni are extending financial support for building KITSW Alumni Auditorium.meant for meetings/Conferences for the benefit of the students.
6. Swami Vivekananda's 150th Birthday is celebrated as India's National Youth Day, which has began at the Institute with the inauguration of Bhomi Alankarana and Rangoli Events on 5th January, 2013.The valedictory function and prize distribution cermony for various events on the eve of 150th birth anniversary celebrations of Swami Vivekananda was conducted on 27.02.2013 (Wednesday) in our Auditorium. The event has been sponsored by Sri K.Chandra Shekar Reddy, Oracle Corp, USA (a proud ALUMNUS of 1987-Civil, KITSW).
7. **Sri S. Saikrishna** , GET in CYient (Alumni,2016 Batch) visited our campus on 17.01.2017 delivered a guest lecture on " **Cyient Recruitment procedure**" on the occasion of Cyient campus placement drive.
8. **Sri P.Dinesh** , GET Hyundai motors(Alumni,2016 Batch) visited our campus on 21.01.2017 and delivered a guest lecture on " **Design & Pre assembly of car**".
9. Our Proud Alumni attended a meeting at KITSW to interact with NBA team on 17.12.2016 (Saturday).
10. Our proud Alumni **Sri Madan Mohan (1988-92: ME)** visited our campus on 5/5/2017 and delivered a guest lecture on " **Projects and Oppurtunities**".
11. Our proud inspiring Alumni **Sri Shiva Charan Singh (1980-84, ME)** presently working as Director of Program Management for AT & T Services, USA has visited our institute and delivered a guest lecture on "**Software Industry Development**" on 22/02/2017.
12. Our proud ALUMNI have instituted Gold Medals under various categories to the outgoing students of KITSW.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years (Amount in rupees)
<2 Lakhs

2 Lakhs - 5 Lakhs

5 Lakhs - 10 Lakhs

10Lakhs - 15 Lakhs

Response: 5 Lakhs - 10 Lakhs

File Description	Document
Alumni association audited statements	<u>View Document</u>
Any additional information	<u>View Document</u>

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 12

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	04	01	02	03

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	<u>View Document</u>
Report of the event	<u>View Document</u>

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

The objective of the institute is to provide quality education in engineering to the students, to make them academically superior and ethically strong. This objective in clearly reflected in the vision statement. KITSW is the first engineering college in India to offer UG program in Electronics & Instrumentation Engineering.

Vision of the Institute:

• 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.

To achieve the above Vision, following Mission is practiced:

• 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.

The governance of the institution with the defined policies putting its efforts towards the accomplishment of Vision. KITSW has been established as renowned institute to impart quality education addressing societal needs of backward Telangana region. The institute aims to achieve this by incorporating experimental and project-based learning in teaching-learning process along with strong Industry-Institute Interaction and research opportunities. These efforts will develop graduates who are academically and technically competent thus making the institute a renowned institute.

Our strengths in curricular, co-curricular and extra-curricular areas improved the quality of education, Research & Development.

Some of the innovations and best practices which have created a positive impact on functioning of institution are: students and faculty are encouraged and involved in R&D activities and mandatory use of e-journals by students for seminar, mini-project and major-project; implementing UGC's PBAS and VI-pay scales; Book bank facility for SC & ST students; Makeup/Remedial classes for weak learners ; Guidance for competitive exams for advanced learners; Beyond curriculum teaching; Sending students to take internship; Decentralization of academic administration; Well-thought student counseling (mentorship) program.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.1.2 The institution practices decentralization and participative management

Response:

The service rules are formulated by the governing body of the Institution, in accordance with the provisions of AICTE norms, Govt. of Andhra Pradesh and Kakatiya University rules and regulations. The service rules are formulated and implemented since then in the Institution**.**

The service rule book called **"Administrative Manual"** comprises of the following heads under which the related rules are clearly defined**.**

1. Administrative Rules
   - Functions and Responsibilities of the Governing Body and other committees
   - Functions and Responsibilities of the Principal
   - Functions and Responsibilities of Head of the Department
   - Functions and Responsibilities of the Teaching and Non-Teaching Staff
   - Terms and Conditions of service of a permanent employee
   - Rules of conduct for the employees of the Institute
   - Classification, Control and Appeal Rules
2. Leave Rules
3. Travelling Allowance Rules
4. Rules regarding the deputation of faculty members Under Quality Improvement Program and to attend conferences, summer and winter schools etc.

The service rule book is available with the departments and Central Library and the information is disseminated among the faculty.

The rules prescribed by the affiliating University i.e. Kakatiya University, Warangal will be informed to the students from time to time through notices and also publishing in the institute's website.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

1. **Design & Implementation of Outcome Based Education (OBE) curriculum:**

For the autonomous batch, following strategic plan was defined & implemented as part of the curriculum design process:

- Curriculum was designed keeping in view the basic sciences, humanities, core component, professional & open electives, skill development courses to address the needs of industry and society.
- Complete syllabus is redefined in terms of course learning objectives and course outcomes (COs).
- Worksheets are prepared for every course indicating learning objectives and outcomes for each period to be taught.
- The COs defined for each period are reduced to unit-wise COs and further reduced to four COs for each course.
- The designed curriculum is finally taken approval from BoS, Joint BoS, Academic Council and Governing body of the institute.

2. Perceptual planning towards green campus:

- The bopper land at the time of establishment is now converted to a lush green campus. In co-ordination with time and technology, we have taken steps towards a 'Sustainable Campus'. Stepping towards the 'Sustainable Campus', we have taken up 'Mission Go Green' under which the following plans were implemented:

1. Water harvesting pits near all buildings
2. Rooftop 100KWp solar captive power plant on BIV block
3. Rooftop 100KWp solar captive power plant on Blocks BI & BlII
4. Rooftop 100KWp solar captive power plant on Boys Hostel block
5. Rooftop 100KWp solar captive power plant on Girls Hostel block
6. 350KLD - Sewage Treatment Plant (STP)– Recycling water
7. Conversion of food waste into Biogas

- **Future Plans**:

1. Conversion of Dry leaves to Agricultural compost.
2. 100KWp – rooftop solar power plant to meet power requirement of Sewage Treatment Plant.
3. To increase the plantation with the recycled water.

File Description	Document
Any additional information	[View Document](#)

6.2.2 Organizational structure of the institution including governing body, administrative setup, and

functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

		Administration		SAC	:	St
Admin	:					
AA	:	Academic Affairs		IETE	:	In
R&D	:	Research & Development		ISTE	:	In
SA	:	Student Affairs		CSI	:	Co
P&E	:	Planning & Execution		IEEE	:	In
T&P	:	Training & Placement		SAE	:	So
TPO	:	Training & Placement Officer		IEI	:	In
IDC	:	Institute Data Centre		NSS	:	Na
CMS	:	College Management Software		NCC	:	Na
ICC	:	Industrial Consultancy Cell		HE & SC	:	Hi
EDC	:	Entrepreneurship Development Cell		AVC	:	Au
IIIC	:	Industry Institute Interaction Cell		SPPM	:	So
IQAC	:	Internal Quality Assurance Cell		CN & IM	:	Ca
ETC	:	Educational Technology Centre		PRO	:	Pu
AA & ER	:	Alumni Affairs & External Relations				

File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	<u>View Document</u>

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The institution has decentralized academic administration at department and central level. Activities for the coming academic year and the almanac are proposed by Dean, Academic Affairs in AAC. The academic activities are closely monitored by the Head of Departments through Department Advisory Committee, Project Committee, Counselors, Class teachers, course committee.

Class review committee meetings and individual student feedback is taken on syllabus coverage, quality of teaching, lab facilities and any other academic issues. Department Advisory Committee (DAC) will take an action on the remarks obtained above.

Course Review Meetings (CRM) are conducted at central level for B.Tech. I-year and department level for B.Tech. II to IV year courses after Mid Semester Examination. Discussions are made in Academic Advisory Committee (AAC). DAC conducts a meeting on attainment of Cos & Pos and suitable action plan are made to improve CO&PO attainment.

All the above meetings are conducted and resolution are implemented.

The professional bodies like IEEE, ISTE, IETE, WIE, CSI, IEI, SAE India, ICI, IIPE conducts several activities like seminars, limited talks, Technical Symposium, FDPS, Guest lectures, Project executions under the supervision of faculty incharge for each professional body.

BoS meetings and Academic Council (AC) meetings are conducted to appraise all the academic, examination, training and placement activites of the institution, CO & PO attainments and Alumni participation. Suggestions received from the BOS and AC are implemented and monitored through AAC.

Academic and students support centers are constituted in the institution in the cells like:

1. Industrial Consultancy Cell (ICC)
2. Student Activity Centre (SAC)
3. Research & Development Cell (R&D)
4. Entrepreneurship Development Cell (EDC)
5. Industry Institute Interaction Cell (IIIC)
6. Alumni Affairs & External Relations Cell

7. Internal Quality Assurance Cell (IQAC)
8. Educational Technology Centre (ETC)
9. Higher Education & Student Counseling Cell (HEC)
10. Institute Data Centre
11. College Management Software & Web Support Cell
12. Training & Placement Cell
13. Campus Networking, Internet & Maintenance Cell
14. NCC (Army wing)
15. NSS
16. Audio Visual & Communication Cell
17. SC/ST Cell
18. Solar Power Plant Maintenance Cell
19. Public Relation Officer
20. Annual Report & Brochure Committee

File Description	Document
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The Institute since its inception i.e, 1980 onwards is bestowing its attention in implementing the welfare measures to the staff of the Institute.

Faculty and Staff are extended with facilities of   Provident Fund contribution, Group Insurance, ESI Facility, and Gratuity Scheme. Faculty are provided accommodation on campus, on subsidiary rates.

Consultation and medicines at a free of cost are being extended to the faculty and staff through its dispensary which works from 9.30 AM to 4.45 PM. Further, an ambulance is at the disposal of faculty and staff for emergency purpose round the clock throughout the year.

 Facilities for playing Games and Sports and other Co-curricular activities are also extended to faculty, staff and their children round the year including holidays.

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 5.41

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	12	13	5	13

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 6.4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	5	9	3	5

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 37.83

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
100	77	81	56	54

File Description	Document
Details of teachers attending professional development programs during the last five years	[View Document](#)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

- Since inception, the Institute is in practice of getting confidential report about the performance of the teaching and non-teaching staff through their Heads of Departments/Section heads in a prescribed proforma. The proformas are being modified from time to time. After the implementation of VI pay Scales to the teaching staff of the Institute, the PBAS has been introduced as per the guidelines of the AICTE.
- Two types of Proforma are being used for this purpose (i) for Teaching Staff and (ii) for Non-Teaching Staff. The Institute is implementing the Performance Based Appraisal System (PBAS) for the teaching staff from the academic year 2013 onwards. The PBAS proforma is divided into three parts i.e, Category –I, Category-II and Category –III.
- In each category, the Faculty member has to get minimum score in every academic year. Each Category contains the following:
    - **CATEGORY: I**: Teaching, Learning and Evaluation Related Activities
    - **CATEGORY- II** : Co-Curricular, Extension, Professional Development And Related Activities
    - **CATEGORY- III** : Research, Publications And Academic Contributions
- Wherein the incumbent has to score minimum in the categories depending upon the incumbents participation in the academic, research & development and departmental/Institutional responsibilities.
- The non-teaching performance will be evaluated on the performance of the incumbent in laboratory, capability in discharging other responsibilities assigned to him from time to time by the Head of the Department/Section & Institute.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Drafted committees like Governing Body (GB), Administrative Committee (AC) and Finance Committee will take care of financial audit & administration. Institute invites budget proposals from various departments, cells & sections for the coming year. Based on the requirement and priority, finance committee finalizes the budget allocation and get it approved by AC and GB of the institute.Every year financial audit will be done through institute auditor. Audit reports are made available in institute website.

1. **FINANCE COMMITTEE OF THE INSTITUTE:**

The composition of the Finance Committee is as per norms as shown below:

1. Prof. P. Venkateshwara Rao, *Principal, KITSW*   :   *Chairman*

2. Sri   P. Narayana Reddy, *Treasurer, KITSW*   :   *Special Invitee*

3. Prof. Y. Manohar,   *Director, KITSW*   :   *Special Invitee*

4. Prof. K. Ashoka Reddy, *Dept. of ECE*   :   *Special Invitee*

5. Sri A. Vamshidhar, Institute *Auditor, Warangal*   :   *Member*

6. Prof. P. Ramesh Reddy, *Dean, Administration, KITSW* :   *Member*

FINANCIAL POWERS TO THE HEADS OF THE DEPARTMENTS:

 In addition to the annual budget allotted to every department, an imprest amount of Rs.5000/- is available at the disposal of the Heads of the Departments and as and when the bills for Rs. 5000/- are settled and the same can be availed any no. of times in an academic year without any hindrance. As and when required, HOD's are been facilitated to claim the academic and administrative expenses incurred in the department.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

Response: 461616

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
100000	61616	100000	100000	100000

File Description	Document
Annual statements of accounts	View Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

- Institution mobilizes the funds through tution fee, applying research grants and consultancy.
- These funds are effectively used to meet the teaching & non-teaching salaries, teaching - learning requirements, upgradation of laboratories, infrastructure development, organizing various extracurricular and co-curricular activities, promoting faculty for continuous education, supporting for attending workshops & conferences and campus maintenance.
- The funds utilized are regularly monitored by the administration and optimal utilization is assured.
- Every year, internal and external financial audit is performed.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

- IQAC of KITSW has been constituted as per norms.
- IQAC delegates tasks to be conducted during the academic year to various committees and cells.
- The academic and administrative activities on going are monitored through Deans, HoDs and Faculty Incharges of various cells.
- Regular Academic Advisory Committee meetings are held to ensure the quality of outcome based education.
- Based on the requirement, additionalclasses are arranged for slowlearners.
- Regular FDPs/ Workshops are conducted for improvement of T-L process.
- Faculty are encouraged to attend National and International Seminar / Conferences.
- PBAS system for faculty performance evaluation is implemented.
- Promotions and increment approvals are processed through IQAC.
- Annual reports and institute brochures are released yearly.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

- Regular Academic activities are scheduled and the progress of T-L process through Academic Advisory Committee.
- Progressive action is taken based on the evaluation of Course Review Meeting (CRM), Class Representative Committee (CRC) meeting and individual student feedback.
- CRMs are conducted to analyze the result of students performance in MSE and Remedial Classes are arranged for slow learners.

- Based on ESE performance, makeup classes are arranged before the Supplementary examinations for the benefit of weak students.

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 1.2

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	1	2	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Annual reports of Institution	View Document

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

2012 & 2013:Rated as AAA+ graded among Best Engineering Colleges in India by careers360.com

2014 : Granted Autonomous status under Kakatiya University, Warangal granted by UGC, New Delhi.

2014 : Re accredited B.Tech. Programmes CSE, EIE & ECE under TIER - II.

2014: Established 100KWp Solar Captive Power Plant under Mission 'Go Green'.

2014 : Established Corporate Training & Placement Office at Hyderabad.

2015: Established additional 100 KWp Solar Captive Power Plant under mission 'GO GREEN'.

2016: Established additional 200 KWp Solar Captive Power Plant under Mission 'GO GREEN'.

2016 : Times of India Ranked KITSW second best Engineering college in the State of Telangana and 57th among all Prvate Engineering institutions   in INDIA and 106 among all Engineering institutions in INDIA(including IITs,IIITs&NITs).

2017: DQ-CMR (Data Quest-Cyber Media Research) Ranked KITSW 3rd best Private Engineering college in the State of Telangana and 59th among   all Private Engineering colleges in INDIA.

2017: NIRF(National Institutional Ranking Framework, MHRD, Govt. of India) Ranked KITSW among Top Engineering institutions in INDIA.

2017: Ranked as Gold Institute by AICTE-CII Survey - 2017 of Industry - Linked Technical Institutes.

2017: Received Best ISTE Student chapter award in Telangana State.

2017: Intake of Mechanical Engineering is enhanced to 180 from 120 students.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 21

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	8	1	3	3

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2 Institution shows gender sensitivity in providing facilities such as
a) Safety and Security
b) Counselling
c) Common Room

Response:

- Facilities like CC cameras in classrooms and Common rooms are available in the institute.
- Women cell by name SAHASRA is established in KITSW to address the issues pertaining to girls and lady faculty.
- Counselors (faculty) regularly interacts with their counselees regarding their academic and personal problems.
- Class representatives will represent their issues (if any) to the class teacher or HoD and the problem will be resolved accordingly.
- Antiragging committee and Displinary club ensures ragging free campus and discipline in campus.
- Women In Engineering (WIE) Student Affinity Group of IEEE KITS SB was approved by the MGA Board IEEE to initiate WIE activities at KITSW w.e.f. 11.10.2012 *(with Geo code SBA09301).*
- WIE volunteers are organizing various WIE events in association with IEEE Hyderabad Section for the benefit of circuit branch students, to explore the recent advancements in the fields of Communication and Information technologies and improve their technical skills.
- WIE student volunteers of KITSW has successfully organized various events like Aptitude & Skill tests, Guest lectures, Workshops, Web contests and other competitions with great enthusiasm and committed efforts.

7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 37.22

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 267509

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	<u>View Document</u>

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 4.69

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 6.6

File Description	Document
Details of lighting power requirements met through LED bulbs	<u>View Document</u>

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

Solid waste management:

Solid waste in the campus is collected using green bins at appropriate places in the campus, where the plastics and non decomposable solids are separated and are sent for recycling. The decomposable solids are dumped into compost pits where it is decomposed into manure, which is used as manure for growing plants in the campus. The construction waste is used to fill the low lying areas within the campus. The food waste and vegetable waste is dumped into the 2 m3 Bio-Gas plant, and the produced Bio-Gas is utilized to cook the food in hostels.

Liquid waste management:

The Institute has Installed a 350 KLD Sewage Treatment Plant (STP) based on Moving Bed Bio Reactor (MBBR) technology. The Phase –I (175KLD) is operational from 01/11/2017. The water is treated based on MBBR technology and is further ozonised. The recycled water is used for watering trees, plants, lawns, nursery plantation and for flushing toilets in buildings.

E-waste management:

E-waste produced in the institute will be dispensed with by calling quotations.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The institute has 65 acres of well sloped land for rain water harvesting. The water channels are identified and appropriate Rain water harvesting structures are built across these channels to uphold maximum amount of rain water. They are planned and constructed in such a way that they recharge the existing bore wells and open well. The rain water from the roofs is collected and is routed to the water harvesting pits constructed near the buildings. There are 6 water harvesting pits at different locations in the campus, which collect rain water from buildings and natural drains. The water harvesting pits are being built since 2011. We have seen good improvement in the ground water table since 2012.

7.1.7 Green Practices
• **Students, staff using**
a) **Bicycles**
b) **Public Transport**
c) **Pedestrian friendly roads**
• **Plastic-free campus**
• **Paperless office**
• **Green landscaping with trees and plants**

Response:

Green landscaping with trees and plants:

Institution campus is maintained with greenery and trees. Green landsacpe is well maintained at all blocks.Trees are grown on either side of road in the campus.

The Institute has Installed a 350 KLD Sewage Treatment Plant (STP) based on MBBR technology. The Phase –I (175KLD) is operational from 01/11/2017. The water is treated based on MBBR technology and is further ozonised. The recycled water is used for watering trees, plants, lawns, nursery plantation and for flushing toilets in buildings.

Campus is well maintained and positive efforts are made to be Plastic free zone. Students are given awareness on the importance of maintaining the campus clean and green. Our students themselves

volunteers and organizes the programs such Swachh Bharath through NSS in the campus. Every year NSS also organizes programs like tree plantation.

Plastic-free campus:

Dustbins are placed at many of the places in the campus for easy access of solid waste throw. Plastic is avoided as for as possible.

Paperless office:

Examination branch transactions like payment of examination fee, hallticket, result, etc. are made available online. Many of the academic transactions are made through emails or Whattsapp messages. Assignment question papers, lecture material, teaching schedule, time-tables are made available to students through college website and College Management System (CMS) software. Every student feedback is taken online.

Pedestrian friendly roads:

Wide roads and space for persons to walk on the side are made available. Humps are included at junction places to control the speed of the vehicles moving and signboards are placed indicating the information of departments.

Public Transport:

Only the faculty and guests vehicles are allowed inside the campus. Students vehicles are parked near the main gate. Students are encouraged to use bicycle inside the campus.

In summary:

- The Institution puts lot of efforts in making the campus eco friendly.
- The college has vast open areas of greenery lined up with various plants, lawns and trees providing a pollution free atmosphere in the Campus.
- All the inmates of the campus are well aware of the consequences of campus pollution and practice eco-friendly initiatives in as many ways as possible.
- All the class rooms are well lit with natural light and are very well ventilated.
- Solar technique is used for reducing the power consumption inside the College campus.
- Rain water harvesting pits have been dug and efforts are afoot to harvest the rain water.
- The Institution conducts plantation programs periodically.
- As a part of E-waste management non-working computers, monitors and printers are utilized for demonstration purpose.
- The Institution is tobacco free and plastic free.
- In the Institution energy conservation is done through switching off lights and fans when they are not in need.

File Description	Document
Any additional information	[View Document](#)

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 9.47

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
157.78	9.12	7.42	93.12	5.55

File Description	Document
Any additional information	[View Document](#)
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. **Physical facilities**
2. **Provision for lift**
3. **Ramp / Rails**
4. **Braille Software/facilities**
5. **Rest Rooms**
6. **Scribes for examination**
7. **Special skill development for differently abled students**
8. **Any other similar facility (Specify)**

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	
Any additional information	

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 15

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	4	4	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 32

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	7	7	9	3

File Description	Document
Details of initiatives taken to engage with local community during the last five years	

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	[View Document](#)

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 57

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	9	12	13	8

File Description	Document
Any additional information	[View Document](#)
List of activities conducted for promotion of universal values	[View Document](#)

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

- Every year on October 31, **Sardar Vallabhai Patel birth anniversary** is celebrating as RASHTRIYA EKTA DIVAS.
- On November 11, **Maulana Abdul Kalam Azad birth anniversary** is celebrating as National Education Day celebrations in the institute as per the initiatives of Govt. of India.
- Apart from the above, Every year on January 12, **Swami Vivekananda birth anniversary** celebrations and on February 18 **Ramakrishna Paramhamsa birth anniversary** celebrations are conducting in the institute. As a part of this various events are organized. Some of the events are: Elocution, Debate, Essay writing competitions, Blood Donation camp and guest lectures.

More than 1000 students have participated in all the events every year.

These events are supported by five old students of KITS Alumni. Every year they are sponsoring Rs. 50,580/-(Rs.10,116/- each).

- Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer **Bharat Ratna Mokshagundam Visvesvaraya.**

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Academic Functions:

Academic calendar is prepared well in advance for the coming academic year and is made available in the website, information is given to the students and parents. All the academic matters like teaching schedule, attendance, students' assignment status, mid semester examination marks are displayed in notice boards and also in College management system (CMS).

Academic decisions taken in Academic Advisory Committee (AAC) are informewd to the department faculty by HoD in the Department faculty meeting. Any accreditation processes, teaching - learning methods, remedial classes, makeup classes and extra classes arranged on staurdays are discussed and decision taken collectively.

Students represent their opinion on the course and course teacher through Class Review Committee (CRC) and individual feedback system and prograssive actions are taken whereever necessary. All the faculty contributions and academic acheivements, students' participation in cocurricular activities are all made available through department news letters and magazines.

Financial Functions:

Budget proposals are invited from all departments and sections. Finance committee of the inistitute allocate the budget as per the priorities of the departments/sections.

Revised budgets are sanctioned by the finance committee whenever ncessary

Further the budget proposals will be approved by Adminstrative Committee and Governing Body of institute

Adminstrative & Auxiliary Functions:

To increase the accountabilty and transperency, the institute has decentralized the administration. Dean system is introduced viz., Dean-Academic Affairs, Dean-Administration, Dean-R&D, Dean-Student Affairs, Controller of Examinations, Dean-Planning & Execution and Dean-T&P. Student Activity Center(SAC) is created with faculty in-charges to various clubs focusing on student centric activities under the supervision of Dean-Student Affairs.

At the Department level, various committees like department advisory committee, Seminar evaluation committee, Mini project evaluation committee, Major project evaluation committee, etc are formed and functions under the supervision of HoD as Chairperson.

Professors are nominated as Faculty In-charge to various academic soupport centers like IQAC, ICC, IDC, EDC, etc.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice-1:

Title of the Practice

Counseling(Mentorship) Program

Objectives of the Practice

- Improving of teacher-student relationship
- Counseling students for solving their problems
- To training students for improvement in quality of life
- Guiding students to choose right career path for job, higher education and entrepreneurship

The Context

Since majority of students are not matured enough to take their own decisions in the vast changing scenario of technology and fast life, the counseling(mentorship) program of KITSW guides and counsel its students in academic and non-academic matters including personal domain to achieve their best in life.

The Practice

- A group of 20-25 students are placed under each counselor, to meet once in fortnight or monthly
- The mentor has direct communication with the counselees and their parents
- The parent/Guardian of poor attendance/ performance students are called to meet the counselor to take corrective action
- The counselors take initiative to arrange remedial/makeup classes for slow learners
- The counselors discuss academic and non-academic issues
- Counselors are available even after college hours and on Saturdays, so that students could consult them individually regarding their problems they encounter
- Institute arranges parents meeting and counseling awareness program to students

Evidence of Success

- Direct communication between counselor and students has improved the teacher-student relationship.
- Students attendance found increased after counseling
- Academic performance results of students have been improved
- Students' participation in extracurricular activities has been enhanced
- Students have started focusing on higher education & entrepreneurship
- Students have become more disciplined
- Counselors have taken active initiatives to make the campus ragging free

Problems encountered and Resources required

- Newly joined faculty members, who are not accustomed with this mentorship scheme, are separately educated by institute to get involved in counseling in the right direction.
- Apart from teaching activity, allocating sufficient time, for one to one student interaction, sometimes becomes a constraint for the faculty members.
- Financial budgetary requirements are to be planned to organize workshops by hiring external experts in the subject areas of counseling, organizational behavior and stress management.

Best Practice–2:

Title of the Practice

Decentralization of Academic Administration

Objectives of the Practice

The role of teachers in the academic and administrative process has to be decentralized

The Context

The faculty needs to be more matured to handle academic and administrative responsibility and could handle responsibilities like curriculum design, Continuous Internal Evaluation(CIE) duties.

The Practice

The institute believes in autonomy for accountability and so decentralization of academic responsibility. The faculty have to actively participate and take responsibilities in institute & dept. level academic bodies for impementation of outcome based education(OBE) such as

- Board of Studies
- Academic Advisory Committee
- Academic Council
- Governing Body
- IQAC

- Dept. Academic Advisory Committee

- Course Coordinators
- UG/PG Program Coordinators
- NCC/NSS Program Coordinators

Evidence of Success

- Better Administration resulted in well-defined curriculum and quality education
- Autonomy to faculty resulted in innovative delivery and assessment methods
- Successful implementation of outcome based education process

Problems encountered and Resources required

- Faculty needs to be highly motivated
- Commitment level of faculty is very important

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

KITSW has become autonomous in the academic year 2014-15. The mission statement clearly defines the college's distinctive characteristic in terms of addressing needs of the society, institute's tradition & value orientations.

Adressing the needs of Society:

KITSW is the first engineering college in India to offer UG program in Electronics & Instrumentation Engineering. The objective of the institute is to provide quality education in engineering to the students, to make them academically superior and ethically strong. This objective is clearly reflected in the mission statement.

Vision for the Future:

The vision of college is to become a renowned institute for imparting quality education. The institute aims to achieve this by incorporating experimental and project-based learning in teaching-learning process along with strong Industry-Institute Interaction and research opportunities. These efforts will develop graduates who are academically and technically competent there by making the institute a renowned one.

Our strengths in curricular, co-curricular and extra-curricular areas have improved the quality of education,

Research & Development.

Specifically, the attributes like 80% graduation rate with approximately 50% having distinction, more than 60% placement for all eligible graduating students, 12% students opt for higher education in India and abroad reflect the existence of a high-quality undergraduate program in KITSW.

These characteristics of this institute have aligned with vision of our institute, which states **"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".**

Some of the innovations and best practices which have created a positive impact on functioning of institution are: students and faculty are encouraged and involved in R&D activities and mandatory use of e-journals by students for seminar mini-project and major-project; implementing UGC's PBAS and VI-pay scales to faculty and IX pay scales of State Government to Non-Teaching staff; Book bank facility for SC & ST students; Makeup/Remedial classes for weak learners; beyond curriculum, sending students to take internship, decentralization of academic administration, well-thought student counseling (mentorship)program.

The result of periodic review and best practices being followed, KITSW has achieved the following distinctions:

- Autonomous status has been conferred by the UGC from academic year 2014-15
- All the academic B. Tech. Programes are accredited by the NBA, New Delhi.
- NIRF-2017 ranked KITSW among 151-200 top engineering institutions in India.
- Ranked as GOLD institute by AICTE-CII survey of industry linked technical institutes
- Data quest-cyber media Research group ranked KITSW 3rd best private engineering college in Telangana and 59th in India.
- Receiving funds from UGC, AICTE and other organizations towards research and development.
- Received Best ISTE Student Chapter award in Telangana state.
- Vibrant Alumni association which meet periodically to help Almamater
- Identified as NPTEL local chapter

5. CONCLUSION

Additional Information :

IMPORTANT MILESTONES OF THE INSTITUTION:

1980: Registration of Ekasila Education Society, Inauguration of KITS, Warangal (KITSW) with two B.Tech. programs

Introduction of B.Tech-EIE in 1981, B.Tech-EEE & CSE in 1994, B.Tech-IT and MCA in 1999, B.Tech-ECE in 2000, B.Tech-PE & M.Tech.-SCE in 2002, MTech.-DE,SE,DC in 2004, MBA and M.Tech-VLSI&ES in 2006

1988: Permanently affiliated to Kakatiya University, Warangal

1989: UGC approval under 12(b) and 2(f) to receive financial assistance

1993: First time approval by AICTE

2001: NBA Accredited of B.Tech.-CE & ME

2003: NBA Accredited of B.Tech.-EIE and CSE, All India 1st Rank in GATE- 2003 to a student of EIE

2006:Re-accreditation of B.Tech.-CE & ME by NBA

2008: Re-accreditation of B.Tech.- CSE, EIE and ECE by NBA, Inauguration of Women Cell

2014: UGC Autonomous status, Rated as AAA+ among Best Engineering Colleges in India by careers360.com

2014: NBA Re-accredited B.Tech.-CSE, EIE & ECE

2014-2016: Established 400 KWp Solar Captive Power Plant

2016: Times of India Ranked KITSW second best Engineering college in the State of Telangana and 57th among all Private institutions in INDIA

2016: Re-accreditation of B.Tech.–CE, ME, EEE, Accreditation of B.Tech.-IT, PMKVY & PMSSS identified institute

2017: NIRF Ranked KITSW among Top 150-200 Engineering institutions in INDIA, DQ-CMR Ranked 3rd best Private Engineering college in Telangana State and 59th among all Private Engineering colleges in INDIA, Ranked as Gold Institute by AICTE-CII Survey- 2017, Received Best ISTE Student chapter award in Telangana State, Intake of B.Tech-ME is enhanced to 180.

Concluding Remarks :

KITSW started in 1980, subsequently got approval from AICTE, permanent affiliation from KU, NBA Accreditation to all UG Programs, recognized as Research Centre by KU and UGC autonomous status w.e.f. 2014-15. Institute' major strength is green &eco-friendly campus with 65acres &building space of 25000sq.mt., 11 Departments, 70 laboratories and 18 supporting centres.

Institute organizes induction programs for all UG & PG students at the start of academic year with special focus on slow learners and advanced learners. Student community has been greatly motivated to participate in various technical events.

Institute has well defined policies for R&D, Consultancy and T&P. Faculty are encouraged to do research, consultancy, filing patents, publish papers in refereed journals and acquire research grants. MoUs with industries help students towards internships, skill development, campus placements and entrepreneurship.

College has allotted adequate space for incubation centre and students have a platform to practice design thinking methods, empathize with the users and ideate. Institute has been funding few of the best research projects and SAE collegiate club projects. Student Activity Centre conducts activities that address social needs and make the students society sensitive.

Alumni of the institute are placed in premier organizations and they are generously contributing to the institute in the form of sponsorship for selective projects, prize money for winners on the occasion of Swami Vivekananda & Ramakrishna Paramahamsa birthday celebrations and Gold medals to the students of academic excellence. Also, inspire their juniors with interactive sessions and expert talks.