QUALITY ASSURANCE REPORT

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

ACADEMIC YEAR: 2017 – 18

Submitted by

Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE New Delhi
Permanently Affiliated to JNTUK, Kakinada
Ranked 'A' grade by Govt. of A.P
Recognised by UGC 2(f) & 12 (B)

Contents

1. Details of the Institution

Name of the Institution	**SASI INSTITUTE OF TECHNOLOGY & ENGINEERING**
Name of the Head of the Institution:	Dr. KAVURU BHANU PRASAD
Designation	Principal
Does the institution function from its own campus	Yes
Phone Number/Alternate Number	08818-275500
Mobile Number	9177785599
Registered email	principal@sasi.ac.in
Alternate E-mail	office@sasi.ac.in
Address	Kadakatla,Tadepalligudem
City/Town	Tadepalligudem
State/UT	Andhra Pradesh
Pin Code	534101

2. Institutional Status

Affiliated / Constituent:	Affiliated
Type of Institution: Co-education/Men/Women	Co-education
Location : Rural/Semi-urban/Urban:	Rural
Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify)	UGC 2f and 12 (B)/ Self financing
Name of the Affiliating University:	JNTU(K),Kakinada
Name of the IQAC Co-ordinator :	Dr.N. VENKAT RAO
Phone no. :	08818-275500 Extn:400
Alternate phone no.	
Mobile:	8096700007,9440274784
IQAC e-mail address:	deanacademics@sasi.ac.in
Alternate e-mail address	deanece@sasi.ac.in

3. Website address:

       Web-link of the AQAR: (Previous Academic Year):

        http://sasi.ac.in/downloads/naac/aqar_16_17.pdf

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Web-link: http://sasi.ac.in/academics/academic.html

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st Cycle	A	3.14	2014	10-12-2014 to 09-12-2019
2nd Cycle	-	-	-	-
3rd Cycle	-	-	-	-
4th Cycle	-	-	-	-

6. Date of Establishment of IQAC: DD/MM/YYYY: 20/07/2013

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	**Date & duration**	**Number of participants/beneficiaries**
Reforms in assessment process	11th July,2017-10th July,2018	All Faculty
A Five Day FDP on "Pedagogy".	13th – 17th Nov,2017,	70 faculty members
UG Project execution streamlined with Check list	11th July,2017-10th July,2018	All Project Guides
Faculty Personal Files-Contributions improved.	11th July,2017-10th July,2018	All Faculty
Co-ordinated the NBA compliance visit for E.C.E, C.S.E, and E.E.E UG Programs accreditation.	9th March,2018	All Faculty (E.C.E, C.S.E, E.E.E)
Co-ordinated the Autonomy visit for the institution.	28th & 29th, August 2017	All Faculty
MOOCs initiative taken and implemented for student's certification.		Registered for examination Faculty-**14**,Students-**244** Enrolled students:**2752**
NAAC New guidelines rolled out and implemented.	11th July,2017-10th July,2018	All Faculty
Mobile Applications (SITE) implemented for improving student, parents interaction/information sharing.	16/08/2018	All students/Parents

8. Provide the list of funds by Central/ State Government UGC/CSIR/DST/DBT/ ICMR/

   TEQIP / World Bank/CPE of UGCetc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Sasi Institute of Technology and Engineering	New Gen	DST	2017-2018	2,500,00000
Department of Computer Science Engineering	Seminar Grant	AICTE	2017-2018	1,62,859.00

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

SITE/AO/09/2017-18/25   Date: 18.06.2017

Academic Year 2017-18

OFFICE ORDER

Inter Quality Assurance Committee (IQAC)

A Committee has been constituted with the following members, under the coordinator ship of Dr K Bhanu Prasad, Principal. The committee has to prepare the documentation, procure all the required data, certificates if any and has to prepare a draft application for applying for NBA accreditation as early as possible.

The IQAC (Inter Quality Assurance cell) which comprises the following:

S No	Name	Designation	Department	Mobile
1	Dr K Bhanu Prasad	Co-Ordinator	Principal	9177785599
2	M Narendra Krishna	Member	Executive Director	8886259999
3	N Venkata Rao	Member	Dean Academics	8096700007
4	Dr TJY Subrahmanyeswaa Rao	Member	ECE-HOD	8096900004
5	Dr S Sateesh	Member	EEE-HOD	7093358678
6	P Surendra	Member	ME-Asst Professor	9989295400
7	VVN Sujit	Member	ECE-Asst Professor	9985010708
8	VLN Sastry	Member	EEE-Asst Professor	7382439972
9	B Krishna Murthy	Member	ME-Asst Professor	9966036862
10	T Sateesh	Member	CSE-Asst Professor	9966145457
11	D Satyanarayana	Member	CE-Asst Professor	8790761074
12	U Srindh	Member	AO/Office Manager	7730800008
13	D Satyanarayana	Member	PS To PRINCIPAL	9618091973
14	Mr Satya Topalli	Member	Tech Mahindra, Stake Holder	
15	B Thrylokya	Student Member	14K65A0412	

Vision:

- To achieve excellence in holistic development of students to their full potential
- To ensure quality in every walk of campus life.

Mission:

- Commitment to group effort
- To ensure quality service to all stakeholders of the institution
- Commitment to the development of core competencies of both students and the faculty

Motto:

- Innovation, Integrity, Leadership

Objectives:

1. To ensure maintenance of quality as per the standards enforced by various accrediting agencies like NBA, NAAC and ISO.
2. To chalk out the plan of action at the beginning of the year, conduct mid-session reviews and the outcome achieved at the end of the year towards quality enhancement.
3. To conduct periodic internal audits for reviewing the quality management system.
4. To maintain a liaison and establish network with individuals and organizations connected with quality assurance in the field of education.
5. To collect feedback from the students regarding various facilities and services being provided in the college and make improvements in the light of the feedback.
6. To disseminate information on quality aspects and innovative practices through workshops, seminars, conferences, guest lectures, training programmes and promotion of quality circles.
7. To ensure effective implementation of quality processes with proper documentation as enshrined in the quality manual.
8. To furnish progress reports to the accrediting agencies regarding the achievements and continuous improvement of the college in terms of quality standards.
9. To provide consultancy for quality assurance in collaboration with other institutions and accrediting agencies.
10. Documentation of the various programmes/activities leading to quality improvement.
11. Arrangement for feedback responses from alumni, parents and other stakeholders on quality-related processes of the College.

PRINCIPAL

10. No. of IQAC meetings held during the year: 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website…….Yes (Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?:No

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* Reforms in assessment process.

* A Five Day FDP on "Pedagogy

* UG Project execution streamlined with Check list

* MOOCs initiative taken and implemented for student's certification.

* NAAC New guidelines rolled out and implemented.

13.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Reforms in assessment process.	
A Five Day FDP on "Pedagogy	
UG Project execution streamlined with Check list	
MOOCs initiative taken and implemented for student's certification	
NAAC New guidelines rolled out and implemented	
Co-ordinated the NBA compliance visit for E.C.E, C.S.E, and E.E.E UG Programs accreditation.	E.C.E,C.S.E and E.E.E has been accredited
Co-ordinated the Autonomy visit for the institution.	Institution has certified as an Autonomous institute

14. Whether the AQAR was placed before statutory body? Yes
    Name of the statutorybody: Governing Body
    Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?Yes (NBA&UGC Autonomous)
    Date: NBA Visit-9th March,2018;
    UGC Autonomous Visit-28th & 29th August,2017

16. Whether institutional data submitted to AISHE: Yes:
    Year: 2017-2018
    Date of Submission: 01/02/2018

17. Does the Institution have Management Information System? Yes

E CAP software has been adapted within the campus for Students and Faculty which consists of two modules namely, Academics and correspondence.

Academics module components:
Absent Faculty, Absentees Report,Academic Register, Attendance Reports, Batches, Counseling,Current Time Table, Extra Class,Faculty,Faculty Adjustments,Internal Marks, Lab Batches, LessonPlan, Periods,Projects,Promotions, Resources, Roll. No Barcode, Set Substitute Subject,Student,Student Profile.

Correspondence:
Alumni History, Complaint/Suggestion,Greetings,Groups & Members,Inbox,Mail,Parents Address,Parents Correspondence, Sms, Sms Credits, Log,Staff List,Students List, Circulars, Library Books, Leaves History.

Criterion I

Curricular Aspects

CRITERION I–CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 *Institution has the mechanism for well-planned curriculum delivery and documentation. Explain in 500 words*

The institution has well framed Vision and Mission striving towards the success of the students. The vision and Mission of the institute are as follows:

Institute Vision

Confect as a premier institute for professional education by creating technocrats, who can address the society's needs through inventions and innovations

Institute Mission

- Partake in the national growth of technological, industrial arena with societal responsibilities

- Provide an environment that promotes productive research

- Meet stakeholders' expectations through continued and sustained quality improvements

As a part of the road way towards the successful implementation of the vision and mission the institute has framed its objective and goals and they are as follows

Objectives

- To provide quality education to students

- To empower students to be committed employees or employers

- To enhance the competency and excellence of teachers

- To have all faculty members with Ph.D. qualification

- To promote R & D activities and kindle creative thinking of the students and to encourage their innovative ideas and projects.

- To serve the community and Nation through extension activities.

- To provide appropriate value addition program, international certification programs and to bridge the gap between academia and industry and to make the students globally competent and employable.

- To promote co-curricular and extra- curricular activities for overall development of the students.

- To provide industrial training / internship to 50% students in each branch of engineering

- To increase placements upto 70%

- To increase number of students progressing for higher education upto 30% within three years of graduation

- To increase publications in peer reviewed high quality international journals / Intellectual Property Rights

- To establish a Centre of Excellence in each branch of engineering

- To deliver the curriculum prescribed by the University in the best manner and to ensure that the students graduate with Jawaharlal Nehru Technological University degree with a high CGPA.

- To maintain the teaching-learning process innovative, interactive and in-depth and to ensure an effective relationship between the curricular content and practical applications.

- To provide excellent academic ambience to the students and to identify and take care of the performance of every student.

- To provide a forum to imbibe ethical practices with a concern for the society.

- To work towards holistic development of students inculcating social values and ethics

- To promote and maintain a serene campus with a scientific fervor.

- To develop knowledgeable and responsible citizens for participating in nation building activities.

- To strive for continuous improvements in all the institutional endeavors.

The Golden Goals framed for every stake holder to look up to and achieve are:

- Uncompromising Regularity and Punctuality.

- Academic Excellence through Outcome Based Education.

- Depth in Subject and General Knowledge.

- Suitable Placement or Higher Education or Entrepreneurship.

- Curiosity of Learning, Research and Development.

- Proficiency in Communication skills.

- Growth in Extra Curricular Activities

- Professional Values and Social ethics.

- Keeping Good Health and following Good Habits.

Communication to Stakeholders:

The vision and mission statements of the institute are communicated through parents' meet, student meetings, orientation of faculty and staff, department meetings with faculty and staff, Department Advisory Board (DAB) meetings, HR meets etc.

The vision and mission of the college are made known to the students, teachers, staff and other stakeholders through:

- Principal Office
- Department Head Room
- Department Corridors
- Classrooms and Laboratories
- College Website
- College prospectus, Calendar, College Magazine
- Participation in Education Fairs organized by Various Universities and Affiliated Colleges
- Programmes telecast in Television
- Posters within the Campus
- Distribution of Information Brochures
- Sending Information to other Institutions of Higher Learning
- Career counseling programs
- Students' Orientation programmes
- Boards displayed at strategic locations within the campus.

The College is affiliated to Jawaharlal Nehru Technological University, Kakinada and the curriculum and syllabi prescribed by the university are strictly adhered to. Apart from this prescribed curriculum, the College has strategized ways and means to strengthen the teaching-learning process in the following ways:

- Advance planning of Academic activities and calendar in alignment with the University issued Calendar of Events
- Formulation of objective driven teaching plan at the beginning of the semester
- Preparation of adequate learning materials (resources)
- Updated library facilities with e-journals
- Maintenance of course files by all faculty members which contain lesson plan, notes of lesson, question bank and performance details of the students

- Conduct of two Unit Tests and one model examination in each semester as per the academic calendar

- Conduct of remedial classes for the slow learners

- Adopting new and innovative teaching techniques, in addition to the traditional lecture method to get the students actively involved in the teaching learning processes and employing learner centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL lectures, case studies, projects, surveys, quiz etc., in the delivery of the academic courses

- Entrusting the teaching faculty with the task of mentoring 15 students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere.

- Encouraging the students to take up internships in the reputed industries and monitoring the faculty for a particular batch.

- Providing facility to participate in the conference and workshops conducted at various colleges & Universities.

- Providing Valued added certification courses in addition regular curriculum.

- Provision of well ventilated and spacious class rooms.

- Provision of extra hours after working time for the students in the laboratories.

- Organizing suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by Jawaharlal Nehru Technological University
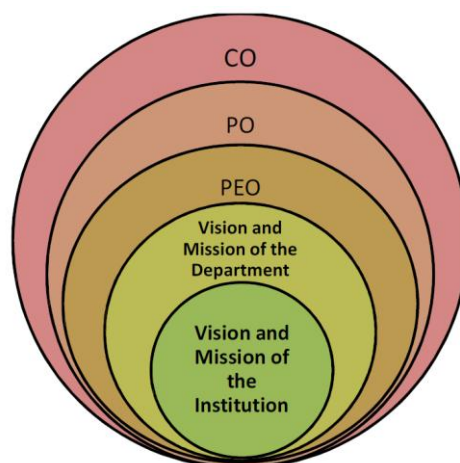
The development and deployment of processes and action plans for effective implementation of the curriculum are detailed below:

Table: Details of the Processes and Action Plans

S. No	Nomenclature	Function	Action Plan
1	Course In- charge	Plans and delivers the course content	• Designing course objectives and outcomes • Mapping COs with POs • Setting targets for students' performance • Preparing of course Plan • Identifying delivery modes • Doing the ground work for teaching materials and aids • Ascertaining content beyond syllabus relevant to the course. • Deciding on the assessment modes • Scheduling and executing improvement Classes (coaching classes) for slow learners • Planning advanced level assignments and projects for advanced learners. • Assessing the attainment of outcomes at the end of the course.
2	Course Coordinator	Monitors the course in charge	Working along with and aiding the course in charges to execute the action plans.
3	Module coordinator	Takes responsibility for the implementation of courses in the module	Guides and oversees the action plans of course in charges and course coordinators and verifies the attainment of COs and POs at the end of the courses
4	HOD	Overall In charge for proper functioning of the academic system	Monitors the delivery of courses, achieving outcomes, and designs corrective measures whenever and wherever necessary

*coordinates the conduct of the same course to more than one class of students – example - Course on Engineering Drawing to I year students is handled by the Mechanical Engineering (ME) department for about six sections in a semester and the six course in-charges will be coordinated by the course coordinator.

The course in - charge maintains a course file which contains all the documents necessary for the implementation of the action plans A sample of the contents of the course file is listed below:

Table: Details of the Contents included in the Course File

S.No.	Description of the item	S. No.	Description of the item
1	Vision, Mission, PEOs & POs		**Unit-V**
2	Course Time table		Schedule of Instructions
3	Syllabus prescribed by the University	15	Content Delivery Sheet
4	Course Plan		Notes
5	Course Data Sheet (CDS)		Assignment Sheet & Sample Copies
6	CO-PO Mapping topicwise		Tutorial Sheet
7	Evaluation Strategy		**Unit-VI**
8	Guidelines to study the Course		Schedule of Instructions
9	Course Schedule		Content Delivery Sheet
10	Illustrative verbs for stating instructional objectives	16	Notes
	Unit-I		Assignment Sheet & Sample Copies
	Schedule of Instructions		Tutorial Sheet
	Content Delivery Sheet	17	Quality analysis of assignment Sheets
11	Notes	18	Gaps in the syllabus
	Assignment Sheet & Sample Copies	19	Implementation of Teaching methodology
	Tutorial Sheet	20	Mid – 1 Key & Sample Copies
	Unit-II	21	Mid – 2 Key & Sample Copies
	Schedule of Instructions	22	Quality analysis of Mid question papers
	Content Delivery Sheet	23	University question papers
	Notes	24	Student Feedback Report
12	Assignment Sheet & Sample Copies	25	Course completion sheet
	Tutorial Sheet	26	Result analysis
	Unit-III	27	Course Outcome Assessment Sheet
	Schedule of Instructions	28	Observations and Actions Taken to improve CO Assessment
	Content Delivery Sheet		Program Outcome Assessment Sheet
13	Notes		
	Assignment Sheet & Sample Copies		
	Tutorial Sheet		
	Unit-IV		
	Schedule of Instructions		
	Content Delivery Sheet		
14	Notes		
	Assignment Sheet & Sample Copies		
	Tutorial Sheet		

The proper documentation of the various process involved is teaching-learning process is audited by the Assessment Cell during the semester. In addition, the following mechanisms are in place for checks and balances.

Table: Details of the Committees and its Functions

Name of the committee	Constitution	Functions
Program Assessment Committee	HOD and Senior faculty of the department	Checking the attainments of COs and CO–PO mapping values of all courses offered in the Program, submitted by the courses in – charge and compiled by the classes in-charge and translating the data into measurable parameters.
Department Advisory Committee	• HOD –Convener • Principal – Management Representative • Senior Professors of the • Department • Academician • Alumni Representative • Industry Representative • Parent Representative	• Approval of PEOs and POs for the academic year • Planning strategies for sustained development • Modification of PEOs and POs based on the previous year's outcomes

The Department Advisory Committee of the Mechanical Engineering Department is given as an example:

S.No.	Name	Role	Designation
1	Dr. K Bhanu Prasad	Management Representative	Principal
2	Mr. P Surendra	Department Representative	HOD
3	Mr. Ravindran	Industrial Representation	MD Photons Food Processing Ltd.
4	Dr. RB Choudary	Academic Representative	Professor (Manufacturing)
5	Mr. P Surendra	Academic Representative	Assoc. Professor (Design)
6	Mr. P Veerabhadra Rao	Academic Representative	Asst. Professor (Thermal)

Direct involvement of students in assessing the effective planning and delivery of course content is ensured through Class Committee Meetings.

The composition of the Class Committee is Convener – a senior faculty from a department other than that of the students' Members – Class Representatives and two more students of the class.

Thus the multi-level appraisal ensures that appropriate methods are developed and deployed for effective implementation of the curriculum.

1.1.2 *Certificate/ Diploma Courses introduced during the Academic year*

Every Year Certificate courses are planned and conducted for III & IV year B.Tech students focusing on employability and skill development. Following are the certificate courses conducted in the A.Y. 2017-18

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability/ Entrepreneurship	Skill Development
Entrepreneurship Development Program	NA	2017-18 30 hours	Focusing on creating future entrepreneurs	
ECAD Certification	NA	2017-18, 3 weeks		Developing the skills in the area of Circuit design
NPTEL Certification	NA	2017-18, 12 weeks	Having an exposure on the advanced subjects that will be helpful for higher studies	
Certification Program-Catia V5	NA	2017-18 30 Hrs	Developing employability skill in the area of design	Focusing on creating knowledge on the modeling software
NDT-certification	NA		Developing employability skill in the area of NDT	Developing the skills in testing of materials using NDT
Certificate Course Enhancing Leadership Skills	NA			Enhancing the leadership skills in the students
Data science through R-Programming	NA			Developing programs using R-Programming
Certification course on "RF Antenna design using HFSS software	NA		Developing employability skill in the area of RF Antenna design	
GATE Coaching C.S.E,E.E.E,E.C.E Students with TIME institute.	-			Training on Core Subjects,Aptitude,Mathematics

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

As the college is affiliated to the JNTUK University all the curriculum structure will be developed by it and the college is abide to follow. No new programmes or courses are introduced in the academic year 2017-18.

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
NA	NA	NA	NA

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

As the institute is affiliated to JNTUK, the college is liable to follow the curriculum developed by the university. There is no scope of introducing new courses instead the institute has to follow the curriculum and select the elective subjects

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.Tech. in Civil Engineering	NA	NA	2013-14	Environmental Pollution and Control	NA
				Ground Improvement Techniques	
				Repair & Re-habitation of Structures	
				Water Shed Management	
				Solid Waste Management	
				Engineering with Geo- Synthesis	
B.Tech. in Electrical & Electronics Engineering	NA	NA	2013-14	Energy Audit, Conservation and Management (Open Elective)	Modern Control Theory
				Electrical Distribution Systems	AI Techniques
				Special Electrical Machines	Energy Audit
				Flexible	Electrical

				Alternating Current Transmission Systems	Distribution Systems
				AI Techniques	Special Machines
B.Tech. in Mechanical Engineering	**NA**	**NA**	2013-14	Nanotechnology (Open Elective)	Computational Methods in Engineering
				Refrigeration & Air Conditioning	Computer Aided Process Planning
				Automation in Manufacturing	Concurrent Engineering
				Power Plant Engineering	Mechanics and Manufacturing Methods of Composites
				Non-Destructive Evaluation	
B. Tech. in Electronics & Communication Engineering	**NA**	**NA**	2013-14	Bio-Medical Engineering (Open Elective)	Statistical Signal Processing
				Satellite Communication	Speech Processing
				Lower Power VLSI	
				Radar Systems	
				Optical Communication	
B.Tech. in Computer Science Engineering	**NA**	**NA**		Multimedia Computing	Compiler Design
				Hadoop & Big-data	Cloud Computing
				Human Computer Interaction	
				Cloud Computing	
B.Tech. in Information Technology	**NA**	**NA**	2013-14	Information Retrieval Systems	NA
				Hadoop And Big Data	
				Human Computer Interaction	
				Distributed Systems	
				Software Project Management	

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

Every year Students are encouraged to take up certification programs. The institute supports the program by creating the facilities necessary.

No of Students	Certificate	Diploma Courses
167	Entrepreneurship Development Program	NA
60	ECAD Certification	
120	NPTEL Certification	
25	Certification Program-Catia V5	
95	NDT-certification	
69	Certificate Course Enhancing Leadership Skills	
47	Data science through RProgramming	
89	Certification course on "RF Antenna design using HFSS software	

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

The institute has a structure that each department has to conduct Guest lectures, Workshops Alumni Talks and Seminars as a value added courses apart from the regular curriculum. To develop the competitive skills in the student towards academics the institute is organizing GATE classes for the interested students.

Value added courses	Date of introduction	No. of students enrolled
Guest Lecture on Intelligent sensing systems with improved performance characteristics	19-02-2018	80
Alumni Talk on Industry Exposure and Domains Exists in the Industries for Electrical Engineers	10-02-2018	110
Two Days Workshop on Introduction to MATLAB	05-12-2018 & 06-12-2018	70
Guest Talk on Industry Safety and Scope for Budding Engineers	11-11-2017	70
Guest Talk on Indian Electricity Act and Advancements in Transmission & Distribution	19-09-2017	70
One Day Workshop on Advanced Technologies for Scientists and Engineers	16-09-2017	100
Guest Talk on Harmonics and Switching Transients in Synchronous Generators	14-09-2017	90
Guest Talk on PWM Converters using MATLAB/ Simulink	09-09-2017	70
Guest Talk on Three Phase Power Quality Analyzer	11-08-2017	70
Guest Talk on Design of Single Phase AC-DC Power Converters in MATLAB / Simulink	01-08-2017	80
Guest Talk on Design Optimization of Solar Power Plant	27-07-2017	70

Recent Trends in IC Design and its Applications	16-04-2018 to 21-04-2018	150
Recent Trends & Developments in Low Power VLSI Design	10-03-2018	120
ARM Cotex M series Architecture	24-02-2018	130
A 2 day workshop on "RF Antenna Design using HFSS software"	22-12-2017 to 23-12-2017	130
A guest lecture on "Weather forecast Radar System"	25-09-2017	120
A guest lecture on "Optical Communications and Networks"	19-08-2017	130
A 2 day workshop on "Advanced Computational Tools for Antenna Design"	09-08-2017 to 10-08-2017	150
A guest lecture on "Signals And Systems- A Practical approach"	29-07-2017	150
A Guest Lecture of "Design of Advanced Thermal Systems"	15-07-2017	120
Two Day Workshop on "Non-Destructive Testing's".	21st, 22nd – 07-2017	80
A Guest Lecture of "Advanced Manufacturing Engineering"	23-09-2017	100
A Guest Lecture of "Piping Design"	10-02-2018	60
Two Day Workshop on "Refrigeration & Air Conditioning".	05th, 6th-02-2018	60
A Guest Lecture on "Introduction to Software Reengineering".	05-01-2018	70
"Reengineering of Systems"	06-01-2018	60
A Guest Lecture on "The Future of Image Processing".	17-02-2018	150
A Guest Lecture on "Introduction to Machine Learning"	03-03-2018	120
A Guest Lecture on "Data Structures and Applications"	27-01-2018	110
A Guest Lecture on "Overview of Data Mining"	21-01-2017	120

1.3.2 Field Projects / Internships under taken during the year

Every academic year III B. Tech students are encouraged to take up internships in their area of interest at nearby industries at the end of the second semester.

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internships	198
Field Projects	15

1.4.1 Whether structured feedback received from all the stakeholders.

The institute collects feedback from the stakeholders every year and necessary actions will be taken based on their feedback.

Students	Teachers	Employers	Alumni	Parents
Yes	Yes	Yes	Yes	No

Feedback relating to the Faculty, Course, Program Outcomes and the Facilities are taken from the students every year. The frequency of the feedback system is as follows

Type	Frequency	Remarks
Feedback on Faculty	Twice for every Semester	
Feedback on Courses	End of the Semester	
Feedback on Program Outcomes	End of the Program(IV Years)	
Feedback on Facilities	End of the Year	

Feedback from the faculty is taken every year on the assessment of the program outcomes and the facilities that are to be provided for the students. These are discussed in the department meetings and the necessary actions are taken based on the feedback

Taking the previous feedback into consideration we had taken steps to start programs where the student is capable of showing his talents in their areas of interest.

- Conducting of welcome party for the New graduation aspirants
- Conducting religious festivals in the campus to enhance the cultural development in the students
- Conducting of Techno Cultural Fests in the campus to bring out the Technical and other talents hidden in the students.
- Conducting NSS related programs in the campus to inculcate the responsibility towards society
- Blood Donation Camps
- Independence day, Republic Day and other important days like Engineers Day and being conducted in the campus
- Entrepreneurship related programs
- Guest Lectures
- Certification Programs
- Workshops
- Debates Competitions
- Sports Competitions
- Industrial Visits
- Orientation Programs
- Encouragement in participations of relevant technical programs

Faculty Feedback:

Feedback from the faculty is taken every year on the assessment of the program outcomes and the facilities that are to be provided for the students. These are discussed in the department meetings and the necessary actions are taken based on the feedback

Employer Feedback:

Feedback on the student who are working in the companies are taken from the employer. According to the feedback necessary programs are planned to overcome the deficiencies.

Taking the previous feedback into consideration we had taken steps to start career oriented programs right from the second year. The following steps are taken to overcome the deficiencies.

- For second years, each student has to undergo training on English communication, aptitude and reasoning.
- For the third years, classes on technical subjects in addition to English communication, aptitude and reasoning.
- For the final years, rapid training courses necessary according to company requirements are taken named Campus Recruitment Training.
- Model Interviews, tests on aptitude, reasoning and group discussion are held accordingly.

Sample Employer Feedback Form

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING

Accredited by **NAAC** with **"A"** Grade
Recognised by **UGC** under section 2(f) &12(B)
Approved by **AICTE** - NEW Delhi
Permanently Affiliated to **JNTUK, SBTET**
Ranked as **"A" Grade** by Govt. of A.P.

Career Guidance, Training & Placement Cell
Employee Feedback Form
360-Degree Performance Evaluation of Students Participation @ Campus Interview

This form will assist Placement Department and Management in preparing the performance evaluation for the students participated in the campus interview. As you interviewed our students on different aspects identified a set of people for selection and the rest of the students are not performed up to the expectations of your esteemed organization, your feedback regarding our students performance will be useful to the overall review process. You are not required to put your name on this form.

Employee / Interviewer Name: Company Name:			Mail: Mobile: Designation		
Eligible Branches:	CSE/IT	ECE	EEE	MECH	CIVIL
Eligibility Criteria:					
Eligible:		Attended:		Selected:	

Quality of Work	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Applicable
Sets high standards for quality of Subject (Technical)					
Communication	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Applicable
Communicates well orally and in written-form					
Displays good listening skills					
Shares information freely with others					
Teamwork	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Applicable
Contributes positively to team					
Helps define team roles to maximize output					
Can be counted on to complete tasks correctly					
Personal Qualifications and Leadership	Strongly Agree	Agree	Disagree	Strongly Disagree	Not Applicable
Presents a positive image to outsiders					
Is friendly and easy to work with					
Adapts well to change					
Has high professional and ethical standards					

Please provide additional comments in the space below: (areas for improvement)

Signature of the Employee

Alumni Feedback:

Feedback from the alumni is taken every year at the alumni meet conducted in the college. Suggestions given are inculcated for the development of the college.

Sample Alumni Feedback Forms

Accredited by NBA & NAAC with "A" Grade
Recognised by UGC under sections 2(f) & 12(B)
Approved by **AICTE** - New Delhi
Permanently Affiliated to **JNTUK, SBTET**
Ranked as **"A" Grade** by Govt. of A P

Department of Mechanical Engineering

Alumni Feedback Form

Date:

Dear Alumni

We are glad that you have spent 4/3/2 valuable years for B.Tech/ M.Tech / M.C.A. /M.B.A. course in Sasi Institute of Technology & Engineering. You will be pleased to know that your Institute has, in a short period of time, grown to be one of the leading and sought-after Institute

We would like to place on record that your co-operation and support has contributed in no small measure for this achievement.

We shall very much appreciate and be thankful if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of our Institute.

With best wishes,

Principal

FEEDBACK ON INSTITUTE FACILITIES

Please Tick

Attributes	Excellent	Very Good	Good	Average	Poor
Faculty					
Infrastructure					
Environment					
Training & Placement					
Sports & Extra Curricular Facilities					
Computing and Internet Facilities					
Library					
Over All Rating of College					

Fig: Alumni Feedback on Facilities

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING

Accredited by **NBA** & **NAAC** with **"A"** Grade
Recognised by **UGC** under sections 2(f) & 12(B)
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Permanently Affiliated to **JNTUK, SBTET**
Ranked as **"A" Grade** by Govt. of A P

Department of Mechanical Engineering

FEEDBACK ON IMPROVEMENT OF ACADEMIC PROGRAM

The defined mandatory Graduate Attributes (GAs) have been taken from the NBA guidelines manual and considering these with the Programme Outcomes (POs), the Coordination Committee developed the Programme Educational Objectives (PEOs).

Program Educational Objectives (PEOs):

The Program Educational Objectives reflect the qualities that the student would acquire in about 5 years after completing the course.

PEO1: Graduates with academic excellence, managerial skills for a successful professional career with life-long learning
PEO2: Graduates with professional attitude, interpersonal and leadership skills
PEO3: Graduates capable to take up technical roles with professional ethics and social commitment

PEO	Description	Rating (E/VG/G/S/P)
PEO1.1	Graduates with academic excellence	
PEO 1.2	Professional career	
PEO 1.3	Lifelong learning	
PEO 2.1	Successful mechanical engineers	
PEO 2.2	Graduates with Professional attitude, Team work& Leadership qualities	
PEO 3	Graduate with ethics and social responsibility	

- E- Excellent, V-Very Good, G- Good, S-Satisfactory, P- Poor.

Fig: Alumni Feedback on Academic Program

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING

Accredited by **NBA** & **NAAC** with **"A" Grade**
Recognised by **UGC** under sections 2(f) & 12(B)
Approved by **AICTE** - New Delhi
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Ranked as **"A" Grade** by Govt. of A P

Department of Mechanical Engineering

Program Outcomes:

Program Outcomes define the qualities attained by the students on completing the program. The program outcomes for a particular course can be formed from the eleven graduates attribute defined (GA) by NBA as shown below

)	Description	Rating (E/V G/G/S/P)
	Apply the knowledge of **mathematics, science, engineering fundamentals**, and an engineering specialization to the **solution of complex engineering problems**. Identify, formulate, research literature, and analyze complex engineering problems reaching **substantiated** conclusions using first principles of **mathematics, natural sciences, and engineering sciences.**	
	Design solutions for complex engineering problems and **design system components** or processes that meet the specified needs with appropriate consideration for the **public health and safety, and the cultural, societal, and environmental considerations.** Use **research-based knowledge** and research methods including **design of experiments, analysis and interpretation of data, and synthesis** of the information to provide valid conclusions.	
	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	
	Apply reasoning informed by the contextual knowledge to assess **societal, health, safety, legal and cultural issues** and the consequent **responsibilities relevant to the professional engineering practice.** Understand the impact of the professional engineering solutions in **societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.**	
	Apply **ethical principles** and **commit to professional ethics** and **responsibilities and norms** of the engineering practice.	
	Function effectively as an individual, and as **a member or leader** in diverse teams, and in **multidisciplinary** settings.	
	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to **comprehend and write effective reports and design documentation**, make **effective presentations, and give and receive clear instructions.**	
	Demonstrate knowledge and **understanding of the engineering and management principles** and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	
	Recognize the need for, and have the preparation and **ability to engage** in independent and **life-long learning in the broadest context of technological change.**	
O 1	Ability to **specify, fabricate, test, operate and document** the thermal and production systems or processes	
O 2	Ability to **design, analyze and develop** machine components	

- E- Excellent, V-Very Good, G- Good, S-Satisfactory, P- Poor.

Fig: Alumni Feedback on Program Outcomes

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING

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Ranked as **"A" Grade** by Govt. of A P

Department of Mechanical Engineering

FEEDBACK ON CURRICULUM IMPROVEMENT AND TEACHING LEARNING PROCESS

- **Is there any relevance of curriculum in your Job?**

- **Do you suggest any changes in curriculum and syllabi (GAPS) :**

- **What are your recommendations for the enhancement of the pedagogy at SITE?**

- **Improvements in teaching and learning Process:**

- **Have you learned the basic concept through your Project?**

- **What are your recommendations for improvement/advancement of the student projects undertaken at SITE?**

- **What are your suggestions for improvement in the industrial trainings?**

- **Can you help the institute in organizing the industrial trainings?**

- **Any other suggestions/comments:**

Name of the Student   :

Register No   :

Branch   :

Year of passing   :

Contact Details   :

Higher studies/Employment Status   :

Signature

Fig: Alumni Feedback on Curriculum Improvement and Teaching Learning Process

Alumni meets are conducted in the campus. Invitation will be sent to each passed out student. Suggestions are taken accordingly on different factors like Facilities, Academic Program, Program Outcomes and Curriculum Improvement and Teaching Learning Process. Taking the feedback into consideration we had initiated many programs that will be help full for the future of the students.

- RED ANTS a new concept to train the student in their interested areas other than studies. This helps the students to become an Entrepreneur if interested.
- Alumni Talks are initiated to motivate and suggest the students about the life after their graduation.

- Certification Programs are being held in each department on their respective recent trends.
- Association Activities are held in more innovative ways.
- Students are involved in the project.

More innovative Teaching Learning methods are introduced for the student to be capable having access to read the notes and information related to academics anywhere and anytime

CRITERION II

TEACHING-LEARNING AND EVALUATION

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Total	990	746	746

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data) (2017-18)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	2360	268	176	31	205

2.3 Teaching - Learning Process

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

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
207	207	LCD PROJECTOR, LAPTOP, Simulation Softwares,	57	0	e-books, e-journals, NPTEL,MOOCS,PPT, Youtube videos, Call lab, TCS Lab, Globerina Software, Young India Software, Internet based learning, Google search engine, Digital Library, OCTAVE open source software

2.3.2 Students mentoring system available in the institution? Give details. (Maximum 500 words)

As the students are center of attention in every educational institution and one of the most important stakeholders, all the programs are designed to fulfil their requirements. They

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are given representation in curriculum development, seminars, group discussions and they are prepared to develop the leadership qualities by giving representation on the basis of the best performance in their results.

In every activity, one or two students are selected to represent the students' community. The class representative takes the responsibility of collecting seminar topics from students, fixation of dates in consultation with student colleagues, announcement of topics and dates in advance in department notice board, organization of seminars every week.

The department conducts the bridge courses for lateral entry students in communicative English, mathematical foundation and essential of Programming after the regular class work. Remedial Classes are conducted by the subject experts beyond working hours. These course are not part of their time-table. Special coaching classes are offered to quality GATE & Competitive exams and students were benefitted during the assessment period.

Mentor:

For effective mentoring and for the welfare of the students, 10-15 students are attached to a faculty mentor and One mentoring record for each student is maintained and updated throughout the wards tenure in the institution. The mentoring system is adopted to improve the rapport between the faculty and students. The main objective is to keep track of the progress of the students and counsel them accordingly for academic and personal guidance. Parents of the students are timely informed wherever the necessity arises such as lack of attendance, poor academic performance and psycho-social problem.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2628	207	1:13

2.4 Teacher Profile and Quality
2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
207	207	0	26	21

2.4.2 Honours and recognitions received by teachers
(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017-18	K.Chiranjeevi	Asst.Professor	JNTUK recognition
	I.Harikrishna	Asst.Professor	JNTUK recognition
	N.N.Praveen Kumar	Asst.Professor	JNTUK recognition
	Ch.Nagu	Asst.Professor	JNTUK recognition
	G. Vijay Raju	Asst.Professor	JNTUK recognition
	M.Narayana Murthy	Asst.Professor	JNTUK recognition
	B.N.V.Pruthvi Krishna	Asst.Professor	JNTUK recognition
	T.Venkata Stya Siva	Asst.Professor	JNTUK recognition
	J.Madhu Kiran	Asst.Professor	JNTUK recognition
	U. Sai Krishna	Asst.Professor	JNTUK recognition
	D.U.V.Satyanarayana	Asst.Professor	JNTUK recognition
	Shaik Shasha Vali	Asst.Professor	JNTUK recognition
	Ch.Venkateswara Rao	Asst.Professor	JNTUK recognition
	V.V.S. Nageswara Rao	Asst.Professor	JNTUK recognition
	K.Naga Suresh	Asst.Professor	JNTUK recognition
	NSVN. Hanuman	Asst.Professor	JNTUK recognition
	Ch. Shyam Kumar	Asst.Professor	JNTUK recognition
	M.Vinodh Kumar	Asst.Professor	JNTUK recognition
	Dr. S. Akhilesh Kumar	Asst.Professor	JNTUK recognition
	Dr. TJVS Rao	Asst.Professor	JNTUK recognition
	Ch.Babu	Asst.Professor	JNTUK recognition
	B.Kasi Babu	Asst.Professor	JNTUK recognition
	E.Pavan Kumar	Asst.Professor	JNTUK recognition
	Dr. K. Anand Kumar	Asst.Professor	JNTUK recognition
	Dr. N.Krishna Raj	Asst.Professor	JNTUK recognition
	N. Siva Satya Roja Rani	Asst.Professor	JNTUK recognition
	Y. Krishna Priyanka	Asst.Professor	JNTUK recognition
	Dr. TJVS Rao	HOD, ECE	BoS Chairman,ECE
	Dr. K.Anand Kumar	HOD, CSE	BoS Chairman,CSE
	Dr. P.Ramakrishna	HOD, MS	BoS Chairman, MS
	D.Satayanarayana	Asst.Professor	BoS Chairman, CE
	Dr. R.B.Chowdary	Dean R&D	BoS Chairman, ME
	Dr. Ch. Srinivas	Asst.Professor	Reviewer for Elsevier Journal of Magentism and Magnetic Materials
	Dr. K. SrinivasaRao	Asst.Professor	Reviewer for *Physica Status Solidi C: Current Topics in Solid State Physics *Thin Solid Films *Advanced Materials World Congress *Journal of Physics & Chemistry of Solids

	Mrs. Shameena Begum	Asst.Professor	Reviewer for International Journal of Network Security
	Dr. R. Uma MaheswaraRao	Asst.Professor	Reviewer for Taylor & Francis Journal of Biofuels.
	Mr. M.R.V. Murali	Asst.Professor	Best Paper Award, VIT University, Vellore
	Mr. A. Ramesh Babu,	Assoc. Professor	Best NSS Officer Award, JNTU, Kakinada

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the

declaration of results during the year

Progra mme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
2017-18	01,02,03,04,05,12,27	I-SEM-I	16/12/2017	9/3/2018
2017-18	01,02,03,04,05,12,27	II-I	7/11/2017	10/1/2018
2017-18	01,02,03,04,05,12	III-I	8/11/2017	23/12/17
2017-18	01,02,03,04,05,12	IV-I	11/11/2017	23/12/17
2017-18	E	I SEM	2/2/2018	4/4/2018
2017-18	E	II SEM	25/06/2018	
2017-18	E	III SEM	27/11/2017	29/12/17
2017-18	E	IV SEM	20/4/2018	23/06/2018
2017-18	58,46	I SEM	16/02/2018	
2017-18	01,02,03,04,05,12,27	I-SEM-II	28/05/2018	21/7/2018
2017-18	01,02,03,04,05,12,27	II-II	18/04/2018	11/6/2018
2017-18	01,02,03,04,05,12	III-II	20/04/2018	28/05/2018
2017-18	01,02,03,04,05,12	IV-II	21/04/2018	19/05/2018
2017-18	58,46	II SEM	16/07/2018	

2.5.2. Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level (250 words)

The process for internal Question paper setting and evaluation is as follows:

- All the faculty members are asked to submit the Question bank comprising of 30 questions with 5 questions from each unit for each course.
- For Each Question they should mention marks awarded course outcome number and blooms taxonomy level.
- Question banks for all the courses is collected and sent to examination section.
- Examination section will set the question paper for internal examinations from the question bank sent by the faculty for each course.
- After the internal examination is completed, the scripts were handed over to the concerned faculty to evaluate.

- Before evaluation the concerned faculty has to prepare the scheme of valuation.
- The faculty has to write the comment for each question while evaluating the internal paper and award the marks.
- The internal marks should be submitted in the sheet and is to be certified by the HOD.

Evaluation Process for internal examination:

- After the internal examination is completed, the scripts were handed over to the concerned faculty to evaluate.
- Before evaluation the concerned faculty has to prepare the scheme of valuation.
- The faculty has to write the comment for each question while evaluating the internal paper and award the marks.
- After evaluation Scripts are distributed to the students and answers will be discussed in the classroom
- The internal marks should be submitted in the sheet and is to be certified by the HOD.

Continuous Assessment in laboratory:

- Continuous assessment system is also implemented for assessment of laboratory work.
- The assessment is done on the basis of submission of laboratory records understanding of the experiment through oral viva voce questions and participation in performing the experiment.
- Neatness of the laboratory record book is also given weight age in the assessment.
- Every week faculty updated student record marks in teacher log book
- For practical subjects there shall be continuous evaluation during the semester for 25 internal marks and 50 end examination marks.
- The internal 25 marks shall be awarded as follows: day to day work – 10 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test.
- Internal semester examination marks will be awarded by considering parameters as follows: Aim, Apparatus and procedure – 4M, experiment conduction and calculations -4M and viva voce – 2M.
- The end examination shall be conducted by the teacher concerned and external examiner.
- External semester examination marks will be awarded by considering parameters as follows: Aim, Apparatus and procedure – 20M, experiment conduction and calculations -20M and viva voce – 10M.

Quality of student projects

In order to monitor the overall functioning of the activities related to the B.Tech. projects and to have academic bridge among the various groups, it is proposed to create two level of committees- one is Institute Project Cell (IPC) and second one is Department Evaluation Committee (DEC).

IPC of an Institute will comprise the Principal of the institute or his nominee as the Convener and all the heads of the departments. DEC will comprise the Head of the

Department as the Convener along with department project coordinator and three senior faculty members of the department and a faculty member from other department nominated by the IPC.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters

The Planning and organization of the teaching, learning and evaluation schedules for all courses in each discipline are done by the Academic Committee Consisting of the Principal, Deans and Heads of the Departments. The Academic Calendar is prepared before the commencement of academic year so that teachers and students have prior information about eh commencement of semester, number of working days, holidays and tentative dates for mid-semester and end semester examinations. Departments will prepare their academic calendar and the HODs monitor the execution of the calendar which includes academic, co-curricular and extra-curricular activities.

Courses to be taught the list of courses for the upcoming semester is prepared by the time table in-charge of the department. Course options are taken from the faculty members. Course Allocation Based on the course preference list, the Head of the Department finalises the course allocation to the faculty members. Faculty members prepare the lesion plan, assignment questions for their respective course. The course plan is made clear and understandable and reflects what the faculty member is planning to do for the current semester course. All the faculty members of the department prepare their lesson plan for their respective courses. Time Table Time tale committee prepares the time table under the guidance of the time table coordinator.

Grams: "TECHNOLOGY"   Phone: 0884-2300991
Email: dapjntuk@gmail.com   Mobile: +9177790000

Directorate of Academic & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/B.Pharm-III Year/2017-18   Date: 07-06-2017

Dr. Ch. Satyanarayana
     M.Tech, Ph.D.,
Director, Academic & Planning

To
The Principals of All Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR
B.TECH/ B.PHARM III YEAR
2015 BATCH

B.TECH/ B.PHARM III YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	12-06-2017		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
Commencement of Class Work	20-11-2017		
B.TECH/ B.PHARM III YEAR II Semester			
Commencement of Class Work	20-11-2017		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
Commence of Class work	11-06-2018		

Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor
Copy to the Rector
Copy to the Registrar
Copy to the Director of Evaluation
Copy to the Controller of Examination (UG)

sasi INSTITUTE OF TECHNOLOGY & ENGINEERING

College Code **K6**

Examination Section

Academic Year 2017-18

Date: 05th October, 2017

Time-Table
III B.Tech. I Semester (R13 Regulation) 2nd Mid & Quiz Examinations

Quiz Timings: 9.00 A.M. to 3.00 P.M.(20Min)   Mid Timings: 3.00 P.M. to 4.30 P.M.(90 Min)

Date \ Branch	Civil	EEE-A&B	MECH A,B &C	ECE-A&B	CSE A&B	IT
09/10/2017	GE - I	EM	DOM	P & DC	CD	SE
10/10/2017	SA - II	MEFA	MC & MT	LICA	DC	DC
11/10/2017	DDRCS	PS - II	DMM - I	CS	PPL	AJ
12/10/2017	EG	FM - III	I & CS	PSD & DICA	DBMS	DBMS
13/10/2017	TE - I	PE	TE - II	A & WP	OS	OS
14/10/2017	--	L & DICA	METROLOGY	---	----	---
16/10/2017	IPR & P	IPR&P	IPR&P	IPR&P	----	----

Examination Coordinator   PRINCIPAL

HOD (CE)	HOD (ECE)	HOD (CSE)	HOD (IT)	HOD (EEE)	HOO (ME)

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sasi INSTITUTE OF TECHNOLOGY & ENGINEERING

College Code **K6**

Examination Section

Academic Year 2017-18

Date: 09th January, 2018

Time-Table
III B.Tech. II Semester (R13 Regulation) 1st Mid & Quiz Examinations

Quiz Timings: 9.00 A.M. to 3.00 P.M.(20Min)   Mid Timings: 3.00 P.M. to 4.30 P.M.(90 Min)

Date \ Branch	Civil	EEE-A&B	MECH A,B &C	ECE-A&B	CSE A&B	IT
18.01.2018	EE-I	MP&MC	OR	MP& MC	SE	ST
19.01.2018	GE-II	SGP	ICG	DSP	DWDM	DWDM
20.01.2018	DDSS	UEE	DMM-II	DC	CN	CN
22.01.2018	WRE-I	PSA	Robotics	MWE	DAA	DAA
24.01.2018	TRE-II	MS	HT	------	WT	WT
25.01.2018	------	PSD	IEM	------	------	------
27.01.2018	EPC	------	R&AC	BME	IPR and Patents	IPR and Patents

Examination Coordinator   PRINCIPAL

Dean Academics	HOD (CE)	HOD (ECE)	HOD (CSE)	HOD (IT)	HOD (EEE)	HOD (ME)	QUIZ

III ECE -B

Directorate of Academics and Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA-533003, Andhra Pradesh (India)

Lr. No. JNTUK/DAP/IV Year/Aca.Cal/2017-18.   Dated: 14-08-2014

Prof. P.Udaya Bhaskar
      B.Tech, M.Tech, Ph.D.
Professor of Civil Engineering &
Director

To
The Principals of Affiliated Colleges
JNTUK, Kakinada.

PROPOSED ACADEMIC CALENDAR FOR THE COMMENCEMENT OF CLASS WORK FOR B.TECH /B.PHARM IV YEAR -I & II SEMESTER.

    The Proposed Academic Calendar for IV Year I & II Semester B.Tech/ B.Pharm courses during the Academic year 2017-18 is detailed below.

B.TECH/B.PHARM IV YEAR (2014 Admitted Batch) I Semester			
Description	From	To	Weeks
Commencement of Class Work	19-06-2017		-
I Unit of Instructions	19-06-2017	12-08-2017	8W
I Mid Examinations	14-08-2017	19-08-2017	1W
II Unit of Instruction	21-08-2017	14-10-2017	8W
II Mid Examinations	16-10-2017	21-10-2017	1W
Preparation & Practicals	23-10-2017	28-10-2017	1W
End Examinations	30-10-2017	11-11-2017	2W
Commencement of Class Work	27-11-2017		.*
B.TECH/B.PHARM IV YEAR (2014 Admitted Batch) II Semester			
Commencement of Class Work	27-11-2017		-
I Unit of Instructions	27-11-2017	20-01-2018	8W
I Mid Examinations	22-01-2018	27-01-2014	1W
II Unit of Instruction	29-01-2018	24-03-2018	8W
II Mid Examinations	26-03-2018	31-03-2018	1W
Preparation & Practicals	02-04-2018	07-04-2018	1W
End Examinations	09-04-2018	21-04-2018	2W

Director Academics and Planning (DAP)

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING

College Code **K6**

Examination Section
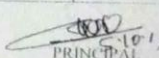
Academic Year 2017-18

Date: 12th October, 2017

Revised Time-Table
IV B.Tech. I Semester (R13 Regulation) 2nd Mid & Quiz Examinations

Quiz Timings: 9.00 A.M. to 3.00 P.M. (20Min)   **Mid Timings: 3.00 P.M. to 4.30 P.M. (90 Min)**

Branch / Date	Civil	EEE A&B	ME A&B	ECE A&B	CSE A&B	IT
16/10/2017	EE-II	RESS	AE	VLSID	C&NS	C&NS
17/10/2017	PC	HVAC&DCT	CAD	CN	UML&DP	UML&DP
18/10/2017	CTM	PSOC	UCMP	DIP	MC	MC
20/10/2017	WRE-II	EDS	FEM	CA&O	IRS	IRS
21/10/2017	RS & GISA	----	AIM	RS	H & BD	H & BD
23/10/2017	GIT	-----	----	OC	----	----
24/10/2017	---	EACM	Nano Tech	------	-------	

Exam Section Coordinator

PRINCIPAL

Copy to	HOD (CE)	HOD (ECE)	HOD (CSE)	HOD (EEE)	HOD (ME)	HOD (IT)

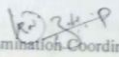**SASI INSTITUTE OF TECHNOLOGY & ENGINEERING**

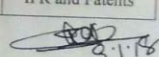College Code **K6**
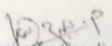
Examination Section

Academic Year 2017-18
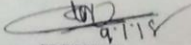
Date: 09th January, 2018

Time-Table
IV B.Tech. II Semester (R13 Regulation) 1st Mid & Quiz Examinations

Quiz Timings: 9.00 A.M. to 3.00 P.M. (20Min)   **Mid Timings: 3.00 P.M. to 4.30 P.M. (90 Min)**

Branch / Date	Civil	EEE A&B	ME A&B	ECE A&B	CSE A&B	IT
27.01.2018	ESC	DCS	PPC	CMC	DS	DS
29.01.2018	EGS(1),GWDM(2)	SEM	GES	EMI	MS	MS
30.01.2018	SWM(1), WSM(2)	FACTS	PPE	SC	CC	MO
31.01.2018	RRS	A I T	NDE	VLSI Design	HCI	HCI

Examination Coordinator

PRINCIPAL

Dean Academics	HOD (CE)	HOD (ECE)	HOD (CSE)	HOD (EEE)	HOD (ME)	HOD (IT)	QUIZ

Grams: "TECHNOLOGY"   Phone: 0884-2300991
Email: dapjntuk@gmail.com   Mobile: +9177790000

Directorate of Academic & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/ B.Tech/B.Pharm -II Year/2017-18   Date: 07-06-2017

Dr. Ch. Satyanarayana
       M.Tech, Ph.D.,
Director, Academic & Planning

To
The Principals of All Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR
B.TECH/ B.PHARM II YEAR
2016 BATCH

B.TECH/ B.PHARM II YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	12-06-2017		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
Commencement of Class Work	20-11-2017		
B.TECH/ B.PHARM II YEAR II Semester			
Commencement of Class Work	20-11-2017		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
Commence of Class work	11-06-2018		

Director, Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor
Copy to the Rector
Copy to the Registrar
Copy to the Director of Evaluation
Copy to the Controller of Examination (UG)

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College Code **K6**

Examination Section

Academic Year 2017-18
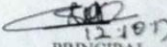
Date: 05th October, 2017

Time-Table

II B.Tech. I Semester (R16 Regulation) 2nd Mid & Quiz Examinations

Quiz Timings: 9.00 A.M. to 3.00 P.M.(20Min)   Mid Timings: 3.00 P.M. to 4.30 P.M.(90 Min)

Date \ Branch	Civil	EEE-A&B	MECH A,B &C	ECE-A,B&C	CSE A,B &C	IT	PE
09/10/2017	FM	ECA-II	M&MS	NA	SRP	SRP	CV
10/10/2017	BEFI	I&HPM	ID	ST&LD	MFCS	MFCS	BEEE
11/10/2017	P&S	BE&D	CAEDP (Descriptive Only)	EDC	DS through C++	DS through C++	GG
12/10/2017	SM-I	EM-I	MOS	RV&SP	CG	SE	S&OS
13/10/2017	Surveying	EMF	FM & HM	S&S	DLD	DLD	CPC
14/10/2017	BMC	MEFA	MEFA	MEFA	PP	PP	MS&E

Examination Coordinator   PRINCIPAL

HOD (CE)	HOD (ECE)	HOD (CSE)	HOD (IT)	HOD (EEE)	HOD (ME)	HOD (PE)

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College Code **K6**

Examination Section

Academic Year 2017-18
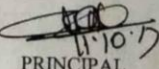
Date: 10th November, 2017

Time-Table

M.Tech I Semester 1st Mid Examinations

Mid Timings: 9.30 A.M. to 11.30 A.M.

Date \ Branch	CE&SP	CSE
13/11/2017	CTA	ADSA
14/11/2017	TFT	MFCS
15/11/2017	ADSP	COAA
16/11/2017	DDC	DBMS
17/11/2017	SSP	AOS
18/11/2017	SP	DWDM

Examination Coordinator   PRINCIPAL

HOD (ECE)	HOD (CSE)

Grams: "TECHNOLOGY"   Phone: 0884-2300991
Email: dapjntuk@gmail.com   Mobile: +9177790000

Directorate of Academic & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/list M.Tech/2017-18   Date: 15-09-2017

Dr. Ch. Satyanarayana
   M.Tech, Ph.D.,
Director, Academic & Planning

To
All the Principals of affiliated colleges,
JNTUK, Kakinada.

ACADEMIC CALENDAR FOR
M.Tech I YEAR - 2017 BATCH

M.Tech I Year I Semester			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	18-09-2017	-	-
I Unit of Instructions	18-09-2017	11-11-2017	8W
I Mid Examinations	13-11-2017	18-11-2017	1W
II Unit of Instructions	20-11-2017	13-01-2018	8W
II Mid Examinations	16-01-2018	20-01-2018	1W
Preparation & Practicals	22-01-2018	27-01-2018	1W
End Examinations	29-01-2018	10-02-2018	2W
Commencement of Class Work	12-02-2018		
M.Tech I Year II Semester			
Commencement of Class Work	12-02-2018	-	-
I Unit of Instructions	12-02-2018	07-04-2018	8W
I Mid Examinations	09-04-2018	14-04-2018	1W
II Unit of Instructions	16-04-2018	09-06-2018	8W
II Mid Examinations	11-06-2018	16-06-2018	1W
Preparation & Practicals	18-06-2018	23-06-2018	1W
End Examinations	25-06-2018	07-07-2018	2W
Commencement of II Year Class Work	09-07-2018	-	-

Director, Academic and Planning

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Copy to the Rector
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Copy to the Director of Evaluation
Copy to the Controller of Examinations (PG)
Copy to Programme Director, School of Management Studies

Department of Electronics & Communication Engineering

Academic Year 2017-2018

ACADEMIC CALENDAR FOR II, III & IV B.TECH ECE I SEM

Wee	MONTH	Week Days							No. of Workin			Events
		MON	TU	WE	THU	FR	SA	SU	II	III	IV	
					1	2	3	4				12th Semester Starts (II, III Yr)
		5	6	7	8	9	10	11				19th Semester Starts (IV Yr)
1	JUNE	12	13	14	15	1	17	18	6	6		
2		19	20	21	22	2	24	25	6	6	6	26th Ramzan
3		26	27	28	29	3			4	4	4	
							1	2	1	1	1	3rd Attendance Review
4	JULY	3	4	5	6	7	8	9	6	6	6	10th to 15th Class test-I (II, III Yr)
5		10	11	12	13	1	15	16	6	6	6	
6		17	18	19	20	2	22	23	6	6	6	17th to 22nd Class test-I (IV Yr)
7		24	25	26	27	2	29	30	6	6	6	
8		31							1	1	1	18th Attendance Review
			1	2	3	4	5	6	5	5	5	3rd Attendance Review
9	AUGUST	7	8	9	10	1 1	12	13	6	6	6	4th, 5th Workshop on Antennas (III Yr)
10		14	15	16	17	1 8	19	20	4	4	4	10th Submission of Idea of project work (IV Yr)
11		21	22	23	24	2 5	26	27	5	5	5	
12		28	29	30	31				4	4	4	7th to 12th I Mid Exams (II, III Yr)
						1	2	3	1	1	1	2nd Bakrid
13	SEPTEMBER	4	5	6	7	8	9	10	6	6	6	4th Attendance Review
14		11	12	13	14	1 5	16	17	6	6	6	4th to 9th Class test-V (II,III Yr)
15		18	19	20	21	2 2	23	24	6	6	6	
16		25	26	27	28	2 9	30		3	3	3	9th Literature Survey
	OCTO							1	0	0	0	2nd Gandhi Jayanthi

17	**BER**	2	3	4	5	6	7	8	5	5	5	2nd to 7thClass test-VI (IV Yr)
18		9	10	11	12	13	14	15			6	
19		16	17	18	19	20	21	22				3rd Attendance Review
20		23	24	25	26	27	28	29				7th Semester Ends (II, III Yr)
21		30	31									9th Project Review-I (IV Yr)
	NOVE MBER			1	2	3	4	5				20th Next Semester Starts (II, III Yr)
		6	7	8	9	10	11	12				
		13	14	15	16	17	18	19				27th Next Semester Starts (IV Yr)
		20	21	22	23	24	25	26				
		27	28	29	30							
Total Number									9	9	9	

Semester	Last Working	Practical Examinations	Theory Examinations
IV	19-06-2017	14-10-2017	23-10-2017 to 28-10-2017	30-10-2017 to 11-11-2017
II	12-06-2017	07-10-2017	16-10-2017 to 21-10-2017	23-10-2017 to 04-11-2017

	Public Holidays		Semester Starting/ Ending days
	Exams & Practical's		Project Work
	Workshops/Guest Lectures		Attendance Reviews

Accredited by **NBA** & **NAAC** with **"A" Grade**
Recognised by **UGC** under sections 2(f) & 12(B)
Approved by **AICTE** - New Delhi
Permanently Affiliated to **JNTUK, SBTET**
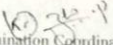Ranked as **"A" Grade** by Govt. of A P

Department of Electronics & Communication Engineering

Academic Year 2017-2018

ACADEMIC CALENDAR FOR II, III & IV B.TECH II SEM

Week No	MONTH	Week Days							No. of Working Days			Events
		MON	TUE	WED	THU	FRI	SAT	SUN	II	III	IV	20-Semester Starts (II, III Yr)
	NOVEMBER			1	2	3	4	5				27- Semester Starts (IV Yr)
		6	7	8	9	10	11	12				
		13	14	15	16	17	18	19				30-Guest Lecture on UNIX (III, IV Yr)
1		20	21	22	23	24	25	26	6	6		
2		27	28	29	30				4	4	4	
	DECEMBER					1	2	3	2	2	2	01-Eid Miladun Nabi
3		4	5	6	7	8	9	10	6	6	6	
4		11	12	13	14	15	16	17	6	6	6	04-Attendance Review
5		18	19	20	21	22	23	24	6	6	6	
6		25	26	27	28	29	30	31	5	5	5	18-Attendance Review
7	JANUARY	1	2	3	4	5	6	7	6	6	6	03-Attendance Review
8		8	9	10	11	12	13	14	5	5	5	
9		15	16	17	18	19	20	21	5	5	5	13 to 15-Pongal Holidays
10		22	23	24	25	26	27	28	5	5	5	
11		29	30	31					3	3	3	15 to 20- I Mid Exams (II, III Yr)
	FEBRUARY				1	2	3	4	3	3	3	03-Attendance Review
12		5	6	7	8	9	10	11	6	6	6	
13		12	13	14	15	16	17	18	5	5	5	09-Industrial Visit to Radar Station, Machilipatnam (III Yr)
14		19	20	21	22	23	24	25	6	6	6	
15		26	27	28					3	3	3	
	MARCH				1	2	3	4	2	2	2	01-Holi

16		5	6	7	8	9	10	11	6	6	6	03-Attendance Review
17		12	13	14	15	16	17	18	6	6	6	
18		19	20	21	22	23	24	25			6	10-Guest Lecture on LVLSI Design
19		26	27	28	29	30	31					(IV Yr)
								1				02 to 07-Preparation & Practical's
20		2	3	4	5	6	7	8				
21	APRIL	9	10	11	12	13	14	15				(IV Yr)
22		16	17	18	19	20	21	22				02 to 14-Semester End Exams
		23	24	25	26	27	28	29				
		30										(II, III Yr)
Number of Working Days							**Total**		96	96	96	

	Term start	Last Working Day	Practical Examinations	Theory Examinations
II & III Year	20-11-2017	17-03-2018	26-03-2018 to 31-03-2018	02-04-2018 to 14-04-2018
IV Year	27-11-2017	24-03-2018	02-04-2018 to 07-04-2018	09-04-2018 to 21-04-2018

	Public Holidays		Semester Starting/ Ending days
	Exams & Practical's		Project Work
	Workshops/Guest Lectures		Attendance Reviews

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 in website of the institution (to provide the web link)

Department	Web link
Civil	http://sasi.ac.in/departments/civil-eng.html#parentVerticalTab2
EEE	http://sasi.ac.in/departments/eee.html#parentVerticalTab2
ME	http://sasi.ac.in/departments/mec-eng.html#parentVerticalTab2
ECE	http://sasi.ac.in/departments/ece.html#parentVerticalTab2
CSE	http://sasi.ac.in/departments/cse.html#parentVerticalTab2
IT	http://sasi.ac.in/departments/it-eng.html#parentVerticalTab2
PE	http://sasi.ac.in/departments/petro-eng.html#parentVerticalTab2
MBA	http://sasi.ac.in/departments/mba.html#parentVerticalTab2
ASH	http://sasi.ac.in/departments/app-science.html#parentVerticalTab2

Course outcomes of each course are maintained in a Google sheet available on LAN.

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
1	B.Tech (Civil)	66	53	80.30
2	B.Tech (EEE)	71	52	73.24
3	B.Tech (ME)	143	122	80.14
4	B.Tech (ECE)	141	113	80.14
5	B.Tech (CSE)	118	99	83.90
12	B.Tech (IT)	10	8	80.0
F	MBA	69	56	81.16
48	M.TECH CE & SP	2	2	100
57	M.TECH CSE	2	2	100

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as web link)

Current student data

CRITERION III

RESEARCH, INNOVATIONS AND EXTENSION

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organizations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	1 YEAR	DST Sponsored NewGen IEDC 2017	60,00,000	60,00,000
	1 YEAR	APTET	2,00,000	2,00,000
Minor projects	1 YEAR	Sasi Educational Society& IE(I), Kolkata	1,55,000	1,55,000
Interdisciplinary Projects	--	--	--	--
Industry sponsored Projects	--	--	--	--
Projects sponsored by the University/ College	1 YEAR	Sasi Educational Society	1,20,000	1,20,000
Students Research Projects (other than compulsory by the College)	--	--	--	--
International Projects	--	--	--	--
Any other(Specify)	--	--	--	--
Total			64,75,000	64,75,000

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Faculty Development Programme on Entrepreneurship Development	All Departments	19th June 2017 To 1st July 2017
A Five Day FDP on "Pedagogy".	All Departments	13th Nov 2017 to 17th Nov 2017

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of award	Category
Qualitative and Quantitative Parametric Substantiation for Recognition of text in Ancient Documents	Dr.N.Venkat Rao	KL University	21/03/2018	ECE
A Multi-Stage Detection System to defend against DDoS Attacks	Dr.Shameena Begum	Hindusthan University, Tamilnadu	16/04/2018	CSE
Fair resource sharing and optimization methods for distributed clusters	Dr.P.Kiran Kumar	GITAM University, Vizag	18/04/2018	CSE
A Study on Quality of Work Life - A study With reference to APSRTC, Vijayawada Zone	Dr. M. Venkateswara Rao	Andhra University, Vizag	10/11/2017	Management Science
A Study on Customer Relationship Management with reference to APSRTC, Vizianagaram Zone	Dr. P. Rama Krishna	Andhra University, Vizag	15/12/2017	Management Science
A Study on Financial Performance of Major Steel Industrial Units in India - A Study with reference to Four Major Units in Public & Private Sector	Dr. Ch. Venkateswarlu	Dravidian University, Kuppam	06/01/2018	Management Science

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Yes	SITE-BUSINESS INCUBATOR	BUSINESS INCUBATOR OFFICE OF THE DEVELOPMENT COMMISIONER MICRO SMALL AND MEDIUM ENTERPRISER(MSME) GOVT OF INDIA NEW DELHI

Name of the Start-up	Nature of Start-up	Date of commencement
NILL		

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
27	--	4

- 27 Additional Faculty members are recognized by University during 2017-2018.
- 4 Faculty Members are Awarded as Journal Reveiwers.

3.3.2 Ph. Ds awarded during the year (applicable for PG College, Research Center)

Department	No. of Ph. Ds Awarded
CSE	2
EEE	-
ECE	1
ME	-
CSE	-
IT	-
ASH	-
MBA	3

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	CIVIL	--	--
International		4	--
National	EEE	--	--
International		9	--
National	ECE	--	--
International		--	--
National	ME	--	--
International		8	3.064
National	CSE	--	--
International		25	--
National	IT	--	--
International		3	--
National	MS	--	--
International		3	--
National	ASH	--	--
International		12	--

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/ International Conference Proceedings per Teacher during the year

Department	No. of publication
CIVIL	--
EEE	--
ECE	--
ME	--
CSE	--
IT	--
MS	--
ASH	6

3.3.5 Bibliometric of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	No. of citations excluding self-citations
Modern Predictive current control of a three phase T-type NPC inverter to reduce common mode voltage	E. Aswani Kumar	Journal of circuits Systems and computers	2018	4	SITE	1
A biparametric variation (Tt-Tg) degrades the performance of TDF-IMC scheme for load frequency control	A. ravikant	IEEE Sponsored international conference on innovations in power and advanced	2017	1	SITE	1
Predictive modeling of the effect of H3BO3 (nm) and TiO2 (um) mixture on minimum quantity lubrication machining of the EN24 steel	A. Ravikant	International journal of advanced science and technology	2017	1	SITE	1
Encrypted Data hide in Encrypted Video using security analysis	Sri .N V G Prasad	IJRECE	JULY 2017	7	Sasi Institute of Engineering & Technology	--
Impact of Segment Types on Critical path delay Characterstics in FPGA Routing	Sri R.R.V.Prasad	IJESC	AUG 2017	--	Sasi Institute of Engineering & Technology	--
Impact of Segment Types on Critical path delay Characterstics in FPGA Routing	Sri G.Swaminaidu	IJESC	AUG 2017	--	Sasi Institute of Engineering & Technology	--
Encrypted Data hide in Encrypted Video using security analysis	Sri V V N Sujit	IJRECE	JULY 2017	--	Sasi Institute of Engineering & Technology	--
Anovel Implementation of color Image Steganography using PVD	Sri V V N Sujit	IJSRR	FEB 2018	--	Sasi Institute of Engineering & Technology	--

						--
Anovel Implementation of color Image Steganography using PVD	Sri P.Rajeswara Mahidhar	IJSRR	FEB 2018	2	Sasi Institute of Engineering & Technology	
Improvement of Hardness of Aluminum 7075 Metal Matrix Composite with Silicon Carbide Powder by Friction Stir Processing	Dr.R.Uma Maheswara Rao	IJETSR	2017	71	Sasi Institute of Technology and Engineering	---
An artificial neural network and Taguchi Integrated approach to the optimization of performance and emissions of direct injection diesel engine	Dr.R.Uma Maheswara Rao	EJSDR	2018	71	Sasi Institute of Technology and Engineering	---
A Cost Effective Solar Air-Heater (Sah) With Recycled Aluminum Can (Rac) Collector	Dr.R.B. Choudary	JMSME	2017	17	Sasi Institute of Technology and Engineering	---
Spectroscopic Characterization Of Mechanically Synthesized Moo3/Tio2 Composite Nanopowders	Dr.R.B. Choudary	IJMET	2017	17	Sasi Institute of Technology and Engineering	---
Design Optimization of a Steering Knuckle Component Using Conservative Method of Finite Element Analysis	Ch.Syam Kumar	IJRASET	2017	--	Sasi Institute of Technology and Engineering	---
Structural Analysis of Tig Welded joints of Inconel 718 using Ansys	J.Kantharao	IJR	2017	--	Sasi Institute of Technology and Engineering	---
Opinion regarding chemical technology and its applications.	Dr.Akhilesh Kumar Singh	Journal of chemical Technology	2017	22	Sasi Institute of Technology and Engineering	---
Experimental Investigation of Crude Palm Oil as Engine Oil In 4s Si Engine	Sk Salman Basha	IJRASET	2017	--	Sasi Institute of Technology and Engineering	---
Experimental Investigation PF	Sk Salman Basha	IJSRSET	2017	--	Sasi Institute of	---

Thermophysical Properties of Crude Palm Oil as Engine Oil					Technology and Engineering	
Design and Analysis of Multicylinder Four Stroke Spark Ignition Axial Engine (Duke Engine)	Ch. Mani Kumar	IJICEGT	2017	--	Sasi Institute of Technology and Engineering	--
Design and Fabrication of Pesticide Series Spraying Machine for Multiple Agricultural Crops	Ch. Mani Kumar	IJRASET	2017	--	Sasi Institute of Technology and Engineering	---
Investigation of Optimal Temperature Distribution, Mechanical Properties and Microstructures of Friction Stir Welded Copper Alloy Joints	P. RajendraBabu	IJRASET	2018	--	Sasi Institute of Technology and Engineering	---
Performance Test on Flat Fin Automotive Radiator using Nano Fluids	J. MadhuKiran	IJCRGG	2017	--	Sasi Institute of Technology and Engineering	--
Evaluation of The Mechanical Properties on Sisal-Coir Hybrid Natural Fiber Composites	Madhukiran.J	IJERD	2017	--	Sasi Institute of Technology and Engineering	---
Optimization of Process Parameters in Ultrasonic Machining of WC Using Grey Relation Technique	U.Sai Krishna	IJETSR	2017	--	Sasi Institute of Technology and Engineering	--
Optimization of heat transfer parameters enhance cooling performance in automobile radiator using Tio2Nano fluid as coolant	M.V.S.Pavankumar	IJCESR	2018	--	Sasi Institute of Technology and Engineering	---
Prediction of process parameters for optimal material removal rate using artificial neural network(ANN) technique	B Krishna Murthy	IJRASET	2018	--	Sasi Institute of Technology and Engineering	---
Prediction of material removal rate using genetic algorithm	B Krishna Murthy/ P.Surendra /M.V. Kiran Kumar	IJCRT	2018	--	Sasi Institute of Technology and Engineering	---

Modelling and analysis of hub for all terrain vehicle	M.V.Kiran Kumar	IJCRT	2018	--	Sasi Institute of Technology and Engineering	---
Evaluation of performance and emissions characteristics of sasoline-propanol blends in a naturally aspirated spark ignition engine	P.Chaitanya Krishna	IJCESR	2018	--	Sasi Institute of Technology and Engineering	---
Experimental and analytical investigation of Automobile Radiator using Al2O3Nanofluid	M.Vinod Kumar	IJSRR	2018	--	Sasi Institute of Technology and Engineering	---
Experimental investigation on mechanical properties of natural hair&bamboo reinforced epoxy composite	Sk Salman Basha	IJSRR	2018	--	Sasi Institute of Technology and Engineering	---
Assessment of Quality of service in Communication Network and Evaluating Connectivity Among IP Networks	Dr. Krishnaraj Nagappan	Asian Journal of Applied Science & Technology	2017-18	272	Sasi Institute of Tech. & Engg.	
Highly Energy Efficient & Scalable Distributed Clustering Procedure for Dense Wireless Sensor Networks		Asian Journal of Applied Science & Technology	2017-18		Sasi Institute of Tech. & Engg.	
Procuring Cloud from DDoS Attacks using Transgression Revelation Systems	Dr. Krishnaraj Nagappan	International Journal of Computer Science & Engineering Communications	2017-18		Sasi Institute of Tech. & Engg.	
Mining Social Media Data to identify Sentiments of reviews	K. Subhash Bhagawan	IJIACS	2017-18	-	Hindustan University	-
Social Media Data Driven Determination of Student Perceptions	K. Subhash Bhagawan	IJPAM	2017-18	-	Hindustan University	-
Verification of Vehicles based on Images by tree generation	S Vijay Krishna	IRJET	2017-18	-	Sasi Institute of Tech. & Engg.	-

Optimization of Databases for Distributed Internet of Things, analytics applications	AVS Siva Rama Rao	IJETSR	2017-18	1	Sasi Institute of Tech. & Engg.	-
IoT for Smart monitoring of Student movements & Tracking performance	Dr. K Anada Kumar	IJEECS	2017-18	1	Sasi Institute of Tech. & Engg.	-
A low Price sensible Irrigation Control System	D Venkatesh	IJTESR	2017-18	-	Sasi Institute of Tech. & Engg.	-
Epilepsy Seizure detection using IoT & Support Vector Machine with Spline	M Satya Srinivas	IJCMS	2017-18	2	Sasi Institute of Tech. & Engg.	-
A Comparative Study of Hybrid Learning over Back propagation for Identifying defective prone modules		IJSC	2017-18		K L E F	-
Software Defect Prediction using Adaptive Neuro Fuzzy Inference System		IJAER	2017-18		K L E F	--
Class Imbalance Learning of Defective Prone Modules Using Adaptive Neuro Fuzzy Inference Sysem		IJPAM	2017-18		K L E F	-
Auto tagging for reducing complexity levels of learning materials	M Venkatesh	IJETSR	2017-18		Sasi Institute of Tech. & Engg.	
Heuristics based resource sharing with fairness in YARN: HRSYARN	P Kiran Kumar	IJPAM	2017-18		Hindustan University	
Design of Enhanced Combined regression ranking algorithm for resource sharing in YARN	P Kiran Kumar	JARDCS	2017-18		Hindustan University	
Security & Information assurance Using Palm Vein Technology	Dr. M V Rama Sundari	IJIACS	2017-18	57	Sasi Institute of Tech. & Engg.	-
IoT based monitoring & Control Systems for Home Automation		IJETSR	2017-18		Sasi Institute of Tech. & Engg.	-

Title	Author	Journal	Year		Institution	
Big Data normalization for massive patient datasets		IJIACS	2017-18		Sasi Institute of Tech. & Engg.	-
Fusion differential evaluation algorithm to generate association rules		IJCMS	2017-18		Sasi Institute of Tech. & Engg.	-
Communication Network model with two stage non homogeneous direct arrival & Phase type transmission		IJEECS	2017-18		Sasi Institute of Tech. & Engg.	-
Implementation of packet drop attack in NS3	MVSS Nagendran ath	IJIACS	2017-18	3	Hindustan University	-
Adverse effect of Black hole & Warm hole attacks on MANETS	MVSS Nagendran ath	IJAER	2017-18		Hindustan University	-
SPICE: Student Performance classify Enumarator	T Satish	IJAER	2017-18	4	GITAM University	--
Performance Assessment of Hybrid multiple linear regression algorithm in predicting student placement probability	T Satish	IJPAM	2017-18		GITAM University	
Survey on educational Data mining Techniques	S K Sankar	International Journal of Engineering and computer Science	2017	1	Sasi Institute of Tech. & Engg.	1
IOT for smart monitoring of the student movements and tracking performance	Venkatesh Maganti	International Journal of Electronics, Electrical and Computation al System	2017	--	Sasi Institute of Tech. & Engg.	-
IOT based smart monitoring of the student performance using collaborative monitoring	Nageswar a Rao Gottipati	IEEE Conference	2018	--	Sasi Institute of Tech. & Engg.	-
A Study on Patient Satisfaction in Hospital	N. SureshBab u	International journal of Management Research and Business Strategy	2012	21	Sasi Institute of Technology & Engineering	--

| A Study on Organised Retailing and its Challenges and Retail Customer service | Smt B. Kusuma | Innovative journal of Business and Management | 2013 | 6 | Sasi Institute of Technology & Engineering | -- |

3.3.6 h-index of the Institutional Publications during the year. (Based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Density and Speed of Sound of the Binary Mixture of1Butyl-3-Methylimidazolium Bis(trifluoromethylsulfonyl)imide +2Methoxyethanol from T = (298.15 to 323.15) K at Atmospheric Pressure	G.Prasad , K.Muralidhar Reddy	Journal of Chemical and Engineering Data(JCED)	2017		4	**Sasi**
Thermophysical properties of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide with 2-ethoxyethanol from = (298.15 to 323.15) K at atmospheric pressure	G.Prasad , K.Muralidhar Reddy	Journal of Molecular liquids Thomson Reuters	2017		2	
Physical investigations on transforent conducting Mo:Zno thin films	Dr.K Srinivasa Rao	Advanced composites and hybrid Materials	2018			
RP-HPLC Estimation of Alogliptin and Pioglitazone Simultaneously in Combined Tablet Dosage Forms	Dr.P.R.K. Veni	Marmara Pharmaceutical Journal **(Scopus)**	2017			
Development and validation of Stability indicating reverse phage high perfomence liquid chromatography method with photodiode array detection for the simultaneous estimation of Hypoglycemic agents Dapagliflozin and Metformin	Dr.P.R.K. Veni	International Journal Pharma and Biosciences	2017			
UV Spectrophotometry method development and validation of Sulfhdiazine and Trimethprim in combined dosage form	Dr.P.R.K. Veni	International Journal of Pharmacy and Pharmaceutical Sciences	2018			
RP-HPLC method for the simultaneous Assay of	Dr.P.R.K. Veni	International Jopurnal of	2018			

Metformin and Benfotiamine: Development and Validation		Pharmaceutical Sciences and Research				
Stability indicating Reverrse Phase High Performance Liquid Chromatographic Method with Photodiode Array Detection for the Simultaneous quantification of of Quinapril and Hydrochlorothiazide in Bulk and Tablet Dosage forms	Dr.P.R.K. Veni	Asian Journal of chemistry **(Scopus)**	2018			
Structural and magnetic investigations: Study of magnetocrystalline anisotropy and magnetic behaviour of 0.1% Cu^{2+} substituted Ni–Zn ferrite nanoparticles	Dr.Ch. Srinivas	Ceramics International (Science Direct) doi /10.1016/j.ceramint.2017.10.011	2018	1		
Effects of doping concentration on structural, morphological, optical andelectrical properties of tungsten doped V_2O_5 nanorods"	Dr.Ch. Srinivas	Ceramics International(Science Direct) doi /10.1016/j.ceramint.2018.01.149	2018	1		
Effect of Al doping concentration on the structural, optical, morphological and electrical properties of V_2O_5 nanostructures,	Dr.Ch. Srinivas	New Journal of Chemistry (Royal Society of Chemistry - RSC) DOI: 10.1039/c7nj03607h	2018	1		
Synthesis of MFe_2O_4 (M=Mg^{2+}, Zn^{2+}, Mn^{2+}) spinel ferrites and their structural, elastic and electron magnetic resonance properties,	Dr.Ch. Srinivas	Ceramics International (Science Direct) doi /10.1016/j.ceramint.2018.03.070	2018	--		
Structural, optical and electrical properties of pure and Fe doped V_2O_5 nanoparticles for junction diode fabrications	Dr.Ch. Srinivas	Journal of Materials Science: Materials in Electronics(Springer) https://doi.org/10.1007/s10854-018-9024-1	2018	--		
Particle size dependence of the magnetic, dielectric and	Dr.Ch. Srinivas	Sensors and Actuators	2018	--		

gas sensingproperties of Co substituted NiFe$_2$O$_4$nanoparticles		A(Science Direct) doi /10.1016/j.sna. 2018.05.031				
Survey on educational Data mining Techniques	S K Sankar	International Journal of Engineering and computer Science	2017	1	1	Sasi Institute of Tech. & Engg.
Spectroscopic Characterization Of Mechanically Synthesized Moo3/Tio2 Composite Nanopowders	Dr.R.B.Choudary	IJMET	2017	10	---	Sasi Institute of Technology and Engineering
Performance Test on Flat Fin Automotive Radiator using Nano Fluids	J. Madhu Kiran	IJCRGG	2017	**32**	**--**	Sasi Institute of Technology and Engineering

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

	No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	133	74	52	11	-
Presented papers	54	43	14	-	-
Resource Persons	1	-	1	-	-

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
International day of YOGA	NSS Unit	8	56
Independence Day Celebrations	NSS Unit	14	400
Swachh se sankalp	NSS Unit	4	70

Donation to sainik welfare association	NSS, SITE	40	400
Special Camping Programme (7 Days)	NSS , SITE	2	45

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students Benefited
Blood Donation Camp	Appreciation Letter	Government blood bank,Eluru	71
World AIDS Day rally	Appreciation Certificate	Good Lamp Organization, Pentapadu	90
National Voters Day Celebrations	Certificate	AP Election commission	519
Independence Day Celebrations	Participation Certificate	Vice Chancellor, JNTUK,Kakinada	312
Pulse Polio Immunization	Appreciation Certificate	Dr.K.Kameswari, UHC, Weavers Colony,Tadepalligudem	40

3.4.3 Students participating in extension activities with Government Organizations, Non-Government Organizations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the Scheme	Organizing unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Awareness	Govt. Blood Bank, Eluru	Blood Donation Camp	5	71
Awareness	Good Lamp Organization, Pentapadu	World AIDS Day Rally	2	90
Awareness	AP Election commission	National Voters Day Celebrations	10	519
Govt Day	Vice Chancellor, JNTUK,Kakinada	Independence Day Celebrations	10	312
Awareness	Dr.K.Kameswari, UHC, Weavers Colony,Tadepalligudem	Pulse Polio Immunization	1	40

| Govt Day | Women Welfare committee, SITE | International Women`s Day Celebrations | 55 | 500 |
| Swachh Bharat | NSS Unit | Swachh Bharat Pakwada | 1 | 34 |

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Internship	Achyutha Bindu Surya Prasanna	-	15 Days
Internship	Akkina Lakshmi Sravani	-	15 Days
Internship	Alapati Akhil Krishna	-	30 Days
Internship	Alla Gowthami	-	14 Days
Internship	Amara Hari Priya	-	14 Days
Internship	Arjula Sriram	-	30 Days
Internship	Bandaru Santhoshi Rupa	-	14 Days
Internship	Batchu Rupa Madhuri	-	30 Days
Internship	Bodapati Naga Pratyusha	-	20 Days
Internship	Bolloju Satya Akhil Kumar	-	20 Days
Internship	Borra Durga Rani	-	14 Days
Internship	Chalasani Tejaswini Sai Sudha	-	30 Days
Internship	Chebrolu Kavish	-	30 Days
Internship	Cheruku Devi	-	30 Days
Internship	Chinchili Uma Prathyusha	-	30 Days
Internship	Dandamudi Thanmai	-	30 Days
Internship	D Santhosh Raghu Vinay Varma	-	5 Days
Internship	Duggina Sai Chaitanya	-	30 Days
Internship	Erukulapati Harsha Vardhan	-	30 Days
Internship	Galla Jeslin	-	15 Days
Internship	Gandi Kiran Kumar	-	15 Days, 25 Days
Internship	Garapati Devi Mounika	-	15 Days
Internship	Gogadi Hema Krishna Sai Sri	-	12 Days
Internship	Goraparthi Varababu	-	30 Days
Internship	Guddati Gowtami Chaithanya	-	14 Days
Internship	Gudla Rama Chandra Babu	-	30 Days
Internship	Gulupalli Haritha	-	15 Days
Internship	Guruju Jahnavi	-	14 Days
Internship	Illapu Kalpana	-	30 Days
Internship	Inaparthy Tejaswini	-	14 Days
Internship	Iragavarapu Madhu Satya Ramarao	-	30 Days
Internship	Kakarla Lalitha Sravya	-	30 Days
Internship	Kalapala Naga Sirisha Devi	-	15 Days

Internship	Kantheti Bhanu Priya	-	14 Days
Internship	Karatam Nikhila	-	15 Days
Internship	Kasani Revathi	-	15 Days
Internship	Kolapalli Bhargav Saikrishna	-	20 Days
Internship	K G Pavan Kartikeya Bharadwaj	-	45 Days
Internship	Kolupuri Devi Sindhuja	-	15 Days
Internship	M Hari Sai Venkata Vara Prasad	-	45 Days
Internship	Manem Rama Tulasi	-	4 Months
Internship	Matta Satyam Reddy	-	45 Days
Internship	Meesala Madhavi	-	15 Days
Internship	Merla Devananda Kishore	-	15 Days
Internship	Mittapalli Venu	-	21 Days
Internship	Mynam Valli Ramasubrahmanyam	-	8 Days
Internship	Nadendla Mounika	-	4 Months
Internship	Nagesh Babu Taneti	-	45 Days
Internship	Nalamati Bhargavi	-	4 Months
Internship	Nandamuri Sri Devi	-	15 Days
Internship	Narapareddy Rama Lakshmi	-	15 Days
Internship	Nune Vineela	-	45 Days
Internship	Nunnabhatla Avinash	-	20 Days
Internship	Parimi Sri Durga	-	15 Days
Internship	Pathuri Sushma	-	15 Days
Internship	Pathuri Venkata Poorna Sandeep	-	20 Days
Internship	Peddinti Teja Sri	-	15 Days
Internship	Pemmaraju Ananta Surya Teja	-	45 Days
Internship	Pentakota Kumar Umesh	-	30 Days
Internship	Ponnamanda Uday Sai Kumar	-	45 Days
Internship	Ramisetti Priyadarsini	-	45 Days
Internship	Ryali Sai Deepika	-	15 Days
Internship	Saidu Rama Krishna	-	21 Days
Internship	Samudrala Sairam	-	15 Days
Internship	Shaik Tejuddin Baba	-	15 Days
Internship	Sunkavalli Sravya	-	4 Months
Internship	Teku Posuvardhan	-	15 Days
Internship	Tenanki Maneesha	-	16 Days
Internship	Vadigalla Swapna	-	17 Days
Internship	Vadlapatla Naga Divya	-	18 Days
Internship	Vempati Hema Tejaswi	-	15 Days
Internship	Yasa Lalitha Naga Sai	-	16 Days
Internship	Yeruva Rajasekhar Reddy	-	15 Days
Internship	K Naga Devi Anitha Priyanka	-	15 Days
Internship	Garapati ramya sree	-	15 Days
Internship	Kamma ramya sri	-	15 Days
Internship	Murala nava mallika	-	15 Days
Internship	Bhargavteja avirneni	-	15 Days
Internship	Surarapu manojkumar	-	15 Days
Internship	Uppalapati sivateja	-	15 Days
Internship	V r v n durga pavan kumar	-	15 Days

Internship	Meka hyndhavi	-	15 Days
Internship	Naidu renuka	-	15 Days
Internship	Devarakonda satya sri	-	15 Days
Internship	Toopurani geeta prathyusha	-	15 Days
Internship	Kovvuri jyothi satya sree	-	15 Days
Internship	P s durga lakshmi praveena	-	15 Days
Internship	B.lakshmi priya	-	20 Days
Internship	Bezawada tarun kumar	-	15 Days
Internship	M V D Rammohanchowdary	-	30 Days
Internship	D Srilakshmi	-	15 Days
Internship	B Swathi	-	15 Days
Internship	A Naresh	-	15 Days
Internship	M Ramanaidu	-	15 Days
Internship	K Manikanta	-	15 Days
Internship	K Seshu Kumar	-	15 Days
Internship	K Keerthana	-	15 Days
Internship	G T V R Kalyani	-	15 Days
Internship	K Amulya	-	15 Days
Internship	K Anil Kumar	-	30 Days
Internship	D Ram Sai	-	30 Days
Internship	Ch Prabhakar	-	30 Days
Internship	K Durga Gangadhar	-	30 Days
Internship	M Bhavani Durga	-	30 Days
Internship	Ch Akhila	-	30 Days
Internship	M Sai Chandrika	-	30 Days
Internship	G Pavithra	-	30 Days
Internship	M Sindhu Sri	-	30 Days
Internship	R B N Sravani	-	30 Days
Internship	G Durga Bhavani	-	30 Days
Internship	M Vijay Kumar	-	30 Days
Internship	D Yetheesh Ram Kumar	-	30 Days
Internship	J Jagadesh	-	30 Days
Internship	A S S S Phani	-	45 Days
Internship	B Bhagath Kumar	-	45 Days
Internship	M Sandaya	-	45 Days
Internship	B Nagendra Babu	-	45 Days
Internship	T Vamsi Krishna	-	15 Days
Internship	D Naga Ajay Kumar	-	15 Days
Internship	A Anil	-	15 Days
Internship	G Geethanjali	-	15 Days
Internship	R Keerthana	-	15 Days
Internship	N Priyanka	-	15 Days
Internship	T Kalyani	-	15 Days
Internship	M Sunitha	-	45 Days
Internship	T Bhargavi Nireesha	-	45 Days
Internship	U Yamuna Sri	-	45 Days
Internship	V Hima Durga	-	45 Days
Internship	G Sai Kumar	-	10 Days

Internship	Ch N T Lakshman Kumar	-	10 Days
Internship	Ch Bahrgavi Sai	-	10 Days
Internship	E Satya Kiran	-	10 Days
Internship	I Sunandhana Kumari	-	10 Days
Internship	J Ayyappa	-	10 Days
Internship	D Vasavi	-	10 Days
Internship	M Hema Vara Lakshmi	-	10 Days
Internship	A Madhuri	-	10 Days
Internship	A Dhana Lakshmi	-	10 Days
Internship	B Sai Venkata Naga Yesu	-	10 Days
Internship	N Nikhil Varma	-	10 Days
Internship	V Nagendra Varma	-	10 Days
Internship	P Hiranmayiee	-	10 Days
Internship	V Aswani	-	10 Days
Internship	P Swarna Latha	-	10 Days
Internship	V Srilakshmi	-	10 Days
Internship	K Kiran	-	30 Days
Internship	T Subhash Sarma	-	30 Days
Internship	A Pavan Kumar	-	30 Days
Internship	G Mahesh	-	30 Days
Internship	R Teja Satya Sai	-	20 Days
Internship	B Jayaram	-	20 Days
Internship	I Pavan	-	15 Days
Internship	S Venkatesh	-	15 Days
Internship	Y Suvarchala Devi	-	30 Days
Internship	V Bhavya Sri	-	30 Days
Internship	A J Sai Kumar	-	15 Days
Internship	M.Sai Keerthi	-	15 Days
Internship	G. Tulasi Krishna	-	20 Days
Internship	B.Siva Krishna	-	30 Days
Internship	Ch.Praveen	-	30 Days
Internship	D.Harish	-	30 Days
Internship	R.Naga Babu	-	30 Days
Internship	S. Lakshmi Vamshi Krishna	-	30 Days
Internship	G.Leela Sirisha	-	30 Days
Internship	K.Rajeshwari	-	45 Days
Internship	M.Divya Raj	-	45 Days
Internship	G Aditya Kumar	-	15 Days
Internship	Balam Anil Kumar	-	30 Days
Internship	Ainam Sai Satish	-	30 Days
Internship	B Nageswara Rao	-	15 Days
Internship	A Yaswanth Kumar	-	30 Days
Internship	Atti Nareshkumar	-	15 Days
Internship	Bojja Goutham	-	15 Days
Internship	Dattateja Uppalapati	-	15 Days
Internship	Donga Kodanda Sriram	-	15 Days
Internship	B Sivendra Ramarao	-	30 Days
Internship	Jakkam Vamsi Krishna	-	30 Days

Internship	Bobba Naga Vamsi	-	15 Days
Internship	E S Narayana Murthy	-	30 Days
Internship	B Shyam Prasad	-	15 Days
Internship	Bokka Sai Babu	-	30 Days
Internship	Abdul Afrid Basha	-	30 Days
Internship	Gollapalli Anilkumar	-	15 Days
Internship	C Sai Sri Ram	-	15 Days
Internship	Gera Smaran	-	
Internship	Devina Sai Kumar	-	15 Days
Internship	Akasapu Sai Kumar	-	30 Days
Internship	Kunati Ganesh Kumar	-	15 Days
Internship	Panem Gangadhar	-	15 Days
Internship	Gunipalli Sai Krishna	-	15 Days
Internship	G Venkata Ajay Varma	-	15 Days
Internship	Ir Sree Venkatasairam	-	10 Days
Internship	Jonnalagadda Sumanth	-	10 Days
Internship	Pasumarthi Manikanta	-	15 Days
Internship	Mutyala Saiprakash	-	15 Days
Internship	Pasumarthi Veeresh	-	15 Days
Internship	M V V Rama Rao	-	15 Days
Internship	Manne Naveen	-	15 Days
Internship	Nunna Mahesh	-	15 Days
Internship	Mantena Prudvi Raju	-	15 Days
Internship	P Naveen Chowdary	-	15 Days
Internship	K Y Phani Kumar	-	15 Days
Internship	L Nagendra Molleti	-	15 Days
Internship	N P S N S Sai Hanuman	-	15 Days
Internship	Naravula Ramesh	-	15 Days
Internship	P Umamaheswararao	-	
Internship	Ravula Jagadeesh	-	15 Days
Internship	U C S Venkata Siva	-	15 Days
Internship	A V Vardan Chowdary	-	55 Days
Internship	Busi Pradeep Kumar	-	50 Days
Internship	Adigarla Ramesh Babu	-	20 Days
Internship	Jonnala Sai Krishna	-	
Internship	D N Subrahmanyam	-	20 Days
Internship	Nayana Manikanta	-	20 Days
Internship	Penugurthi Abhishek	-	
Internship	P Durga Manoj Kumar	-	13 Days
Internship	B S S Nagendra	-	15 Days
Internship	Maddukuri Raman	-	13 Days
Internship	Kanikineedi Eswar	-	13 Days
Internship	M B S Chandra Sekhar	-	14 Days
Internship	Medimi Sanjay Kumar	-	15 Days
Internship	Karri Venkata Ramana	-	12 Days
Internship	T Koti Ramcharan	-	15 Days
Internship	V Sai Nageswararao	-	45 Days
Internship	E Narayana Kumar	-	15 Days

Internship	Yalamati Ravi Chand	-	30 Days
Internship	P Maruthi Mahendra	-	30 Days
Internship	V Someswara Rao	-	
Internship	Pujari Uday Ramu	-	
Internship	S Durga Prasad	-	30 Days
Internship	T Dheeraj Sai	-	30 Days
Internship	Randhi Sai Surya	-	30 Days
Internship	T Goutam Sai Prasad	-	30 Days
Internship	P P Sai Manikanta	-	25 Days
Internship	M Murali Varma	-	25 Days
Internship	M Nanda Ganesh	-	25 Days
Internship	Addala Ganesh	-	15 Days
Internship	Tentu Venkat Varshith	-	15 Days
Internship	G S Prasanna Kumari	-	15 Days
Internship	Pampana Durga Prasad	-	
Internship	Gunnam Swathi	-	15 Days
Internship	N Krishna Kumari	-	15 Days
Internship	V Durga Bhavani	-	15 Days
Internship	O V Subrahmanyam	-	60 Days
Internship	Kilaparthi Prabhakar	-	30 Days
Internship	Murari Lakshmanrao	-	15 Days
Internship	Nagala Satish	-	15 Days
Internship	Relangi Sai Ram	-	15 Days
Internship	Polisetty Venkatrao	-	15 Days
Internship	Shaik Musthafa	-	15 Days
Internship	Pitta Satish	-	15 Days
Internship	P Naveen Srinivas	-	15 Days
Internship	P D S Lakshminadh	-	15 Days
Internship	D Sreekanth Reddy	-	30 Days
Internship	Gadi Devendra	-	7 Days
Internship	Alladi Prema Naveen	-	30 Days
Internship	Jonnala Sai Krishna	-	30 Days
Internship	Chennu Brahma Raju	-	15 Days
Internship	Gudla Samuel	-	
Internship	J Jayanth Kumar	-	15 Days
Internship	Jallipalli Manikanta	-	30 Days
Internship	Aluri Siva Sai Chandu	-	30 Days
Internship	Eegala Thrimurthulu	-	45 Days
Internship	E D N Vamsi Krishna	-	30 Days
Internship	Matta Manikumar	-	30 Days
Internship	Gorrela Mahesh	-	
Internship	Burla Chintaiah	-	3 Days
Internship	Eliganti Ramu	-	15 Days
Internship	Maddipatla Sudhir	-	
Internship	L Mukesh Satyendra	-	15 Days
Internship	Naradala Somaraju	-	15 Days
Internship	M S Rama Chandrudu	-	15 Days
Internship	P Durga Siva Kumar	-	15 Days

Internship	Meesala Jagadeesh	-	15 Days
Internship	S Venkata Mahesh	-	15 Days
Internship	Valluri Narendra	-	15 Days
Internship	K P Veera Manikanta	-	40 Days
Internship	T Jagadeesh Kumar	-	15 Days
Internship	Kondeti Prakash	-	30 Days
Internship	Penumarthi Upendra	-	30 Days
Internship	Vakalapudi Manohar	-	30 Days
Internship	K V V Satyanarayana	-	30 Days
Internship	Malla Varanaidu	-	30 Days
Internship	P Rudra Naga Ram Sai	-	30 Days
Internship	Kolli Balaraju	-	40 Days
Internship	Revalla Praveen	-	40 Days
Internship	Shaik Mabu Subhan	-	40 Days
Internship	Seetalam Chaitanya	-	40 Days
Internship	R R Satya Naresh	-	40 Days
Internship	P Manikanta Swami	-	40 Days
Internship	Tota Manikanta	-	40 Days
Internship	Rudra Ajay Ram	-	40 Days
Internship	P Yaswanth Surya Teja	-	15 Days
Internship	Sirigina Venkat Naveen	-	15 Days
Internship	S Satish Kumar	-	45 Days
Internship	U Sarath Krishna	-	35 Days
Internship	S Siva Varma	-	35 Days
Internship	Muthineni Nagarani	-	
Internship	Sanagana Hima Sri	-	12 Days
Internship	Undavalli Priyanka	-	26 Days
Internship	Vanapalli Balasri	-	26 Days
Internship	P Imjyothi Pushpa Poorna Sri	-	20 Days
Internship	Tanukonda Raja Sekhar	-	30 Days
Internship	Matta Venkata Naresh	-	30 Days
Internship	Tammisetti Prasanthi	-	20 Days
Internship	Thota Padma	-	20 Days
Internship	V Subramanya Surya Prasanthi	-	20 Days
Internship	Motaparti Manasa	-	
Internship	Noolu Jaya Surya Prakash Kumar	-	20 Days
Internship	Vedala Sesha Lakshmi Tejaswi	-	30 Days
Internship	Prathapaneni Snigdha	-	30 Days
Internship	Teki Geetanjali	-	
Internship	Yadlapalli Mounica	-	26 Days
Internship	Peruri Venkata Sai Divya	-	
Internship	V Sri Sai Surya Pavan Kumar	-	30 Days
Internship	Vattikuti N Devi Lalitha Kumari	-	
Internship	Sikile Sirisha	-	26 Days
Internship	Pathuri Yamini	-	30 Days
Internship	Pammi Veda Vyasa Bharathi	-	20 Days
Internship	Nalluri Vijay	-	
Internship	Vejju Vinay Kumar	-	

Internship	Nalla Puja	-	26 Days
Internship	Saladi Lalithanjali	-	
Internship	Mudragalla Sri Lakshmi	-	26 Days
Internship	Matta Suma	-	26 Days
Internship	Srimathkilambi Salini	-	
Internship	Reddipalli Reshma Sai	-	12 Days
Internship	Sangula Naga Sai Teja	-	12 Days
Internship	Marisetti Tejasree	-	
Internship	Mane Bhuvana Divya Sai	-	
Internship	Karuturi Navya Sri	-	26 Days
Internship	K Kiran Phani Deepthi	-	15 Days
Internship	Kasa Lakshmi Prasanna Priya	-	30 Days
Internship	Bommidi Durga Bhavani	-	26 Days
Internship	Katta Kiranmayee	-	15 Days
Internship	Jogi Phanindra Kumar	-	12 Days
Internship	Kamisetti Balambica Posi	-	
Internship	Javvadi Divya Sree	-	15 Days
Internship	Karem Sarojini	-	28 Days
Internship	Katikireddy Manikanta	-	12 Days
Internship	Kurra Tejaswi Naidu	-	
Internship	Gangavarapu Kavya	-	15 Days
Internship	Kolati Mahitha	-	15 Days
Internship	Karuturi Kusuma Ratna Sri	-	15 Days
Internship	Karuturi Bhuvana Tejaswini	-	26 Days
Internship	Jujjavarapu Manikanta	-	
Internship	Chebrolu Prasanna	-	26 Days
Internship	Gandasi Pavani	-	15 Days
Internship	Marreddi Supriya	-	15 Days
Internship	Garapati Sesha Sai Aparna	-	15 Days
Internship	Bongu Vigneswara Rao	-	20 Days
Internship	Kommireddi Surya Prathyusha	-	15 Days
Internship	Balijepalli M S Gayathri	-	15 Days
Internship	Gundumogula Krishna Prasad	-	26 Days
Internship	Bandaru Sri Vamsi Krishna	-	
Internship	Budi Padma Priyanka	-	15 Days
Internship	Ayinala Hari Priya	-	15 Days
Internship	Gurajala Sivakrishna	-	
Internship	Gadde Hari Krishna	-	
Internship	Illa Padmaja	-	15 Days
Internship	Akula Neha Sravya	-	15 Days
Internship	Kalla Ravi Kumar	-	26 Days
Internship	Chitikina Kavya Sri	-	15 Days
Internship	Maddipati Sri Sai Kiran	-	15 Days
Internship	Alapati Devi	-	
Internship	Godithi Sasi Chandana	-	15 Days
Internship	Koppula Uma Mounika	-	15 Days
Internship	Kamisetti Aditya Bhaskar	-	15 Days
Internship	Kanupuri Venkata Ratna Sastry	-	15 Days

Internship	Chipurupalli Sai Sri Lakshmi	-	26 Days
Internship	Kattunga Veeraveni	-	28 Days
Internship	Kotipalli Rupa Priya	-	15 Days
Internship	Lokanadham Pundari Vinay Kumar	-	12 Days

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From/To)	participant
Internship	IOT	ORL Industries	-	19
Internship	Start/up idea	ORL Industries	-	2
Internship	Hadoop & Big Data	KK Consultancy	-	4
Internship	Broadband & Switching	BSNL	-	4
Internship	Network & Switching	BSNL	-	5
Internship	Web Applications	Krify Innovations PVT Ltd	-	9
Internship	IOT	Krify Innovations PVT Ltd	-	1
Internship	Android	Glarimy Technologies	-	3
Internship	Web Applications	UIT Systems PVT Ltd	-	2
Internship	Web Applications	Pantech Solutions PVT Ltd	-	1
Internship	Project Developer	Logixpace Software Solutions	-	1
Internship	Automation Testing	Affine Labs	-	6
Internship	Embedded Systems	SMEC Labs	-	9
Internship	Android	Satya Technologies	-	1

Internship	Salesforce	Spheresoft Solutions	-	4
Internship	Java	Microsoft Technology Association	-	1
Internship	Ubuntu	Ezenith	-	1
Internship	Java	SIT	-	1
Internship	Web Designing	First Man Technologies	-	1
Internship	IOT	ORL Industries,Guntur	24/04/2018-11/05/2018	3
Internship	IOT	ORL Industries,Hyderabad	20/5/2018-5/06/2018	1
Internship	IOT	PHYTEC	09/05/2018-24/05/2018	4
Internship	IOT	BHEL,Hyderabad	16/05/2018-31/05/2018	1
Internship	Computer Networks	BSNL,Rajahmundry	21/05/2018-2/06/2018	5
Internship	Angular JS	Krify,Kakinada	14/05/2018-14/06/2018	1
Internship	-	Phytech, Hyderabad	May 20 - June 15, 2018	16
Internship	-	BHEL, Hyderabad	May 17 - June 01, 2018	20
Internship	-	BSNL, Hyderabad	May 09 – May 20, 2018	4
Internship	-	BSNL, Tadepalligudem	May 20 – June 01, 2018	3
Internship	-	DRDO, Hyderabad	May 01 – May 21 , 2018	5
Internship	-	ECIL, Hyderabad	May 02 – June 02, 2018	4
Internship	-	Infotech, Bhimavaram	May 01 – May 28, 2018	2
Internship	-	Sphere, Hyderabad	Dec – Mar, 2018 (40hours)	21

Internship	-	Ifilltech, Bangalore	May 16 – May 31, 2018	1
Internship	-	BDL, Hyderabad	Apr24 – May 24, 2018	3
Internship	-	NTPC REGIONAL LEARNING INSTITUTE, VISAKAHPATNAM	10/05/2018 to 24/05/18	2
Internship	-	APTRANSCO, VIJAYAWADA	20/04/18 to 03/05/2018	7
Internship	-	APGENCO, VIJAYAWADA	14/05/2 to 26/05/2018	14
Internship	-	BHEL,HYD	11/05/2018 to 25/05/2018	4
Internship	-	BHEL,HYD	17/05/2018 to 02/06/2018	7
Internship	-	APGPCL,VIJJESWARAM	15/05/2018 to 28/05/2018	4
Internship	-	APGPCL,VIJJESWARAM	05/05/2018 to 15/05/2018	17
Internship	-	3F INDUSTRIES LIMITED, TADEPALLIGUDEM	05/05/2018 to 05/06/2018	4
Internship	-	VIZAG STEEL PLANT, VISAKHAPATNAM	07/05/2018 to 26/05/2018	2
Internship	-	ANDHARA SUGERS LIMITED, TANUKU	21/05/2018 to 06/04/2018	1
Internship	-	GOWTHAMI SOLVENT OLIS LIMITED, TANUKU	01/06/2018 to 15/06/2018	1
Internship	-	132 KV SUBSTATION, PEDATADEPALLI	02/05/2018 to 01/06/2018	2
Internship	-	GALXOSMITHKLINE CONSUMER HEALTHCARE LIMITED	28/05/2018 to 16/06/2018	1
Internship	Architectural trainee	TECHNO PROJECTS HYDERABAD (PH NO:9949051096)	1/5/2018 to 28/5/2018	2
Internship	Overview of polavaram project	Polavaram Irrigation Projects Head Works Circle ,Govt of A.P	7/5/2018 to 5/6/2018	5

Internship	Treatment of drinking water	Govt of A.P, RWS&S, ELURU	3/5/2018 to 3/6/2018	3
Internship	An Overview of Technical equipment and functioning of SCR	Railway wagon works, Guntupalli	07/05/18 to 24/05/18	23
Internship	Manufacturing process of Gas, Steam Turbine and Boilers	BHEL	21/05/18 to 05/06/18	19
Internship	An Overview of Steel Plant	Steel Plant, Visakhapatnam	27/04/18 to 19/06/18	9
Internship	A Study on Gas based power plant	APGPCL Vijeeswaram	16/05/18 to 31/05/18	9
Internship	Modeling, Static and Thermal analysis of Mechanical components	CITD, Hyd	01/05/18 to 02/06/18	8
Internship	Filament bending in advance systems laboratories at DRDO	DRDO, Hyd	10/05/18 to 05/06/18	3
Internship	An Overview of Mechanical operation at Mechanical Workshop.	ONGC, Rajahmundry	06/06/18 to 20/06/18	2
Internship	Thermal Power plant familiarization	Dr. NTTPS, Vijayawada	08/05/18 to 24/05/18	6
Internship	-	Navayuga Engineering Company, Polavaram	01/04/18 to 30/04/18	1

Internship	Thermal Power plant familiarization	NTPC, Visakhapatnam	15/05/18 to 29/05/18	2
Internship	Design and Production in Nandina Iron and Steels	Nandina steel limited, Nidadavole	22/05/18 to 07/06/18	6
Internship	-	Nekkanti Sea Foods ltd, Ravulapalem	28/04/18 to 28/05/18	1
Internship	-	Society of mechanical and automobile engineers	02/06/18 to 08/06/18	1
Internship	Manufacturing of Steel bars and Power generation from engines	Steel Exchange India Ltd, Vizag	28/04/18 to 28/05/18	2
Internship	Manufacturing of PVC pipes	Bharath PVC Industries	16/05/18 to 01/06/18	1
Internship	An overview on Instrumentation	Hetero drugs private limited	27/05/18 to 02/08/18	1
Internship	Automobile servicing	Teja automotives pvt ltd	20/05/18 to 06/06/18	1
Internship	Automobile servicing	Kusalava international liner	25/04/18 to 25/05/18	1
Internship	Introduction to CATIA designing software	Kadark Technologies pvt ltd	14/04/18 to 13/05/18	1
Internship	-	Godavari by products	10/05/18 to 26/05/18	1
Internship	Introduction to AutoCAD and Pro/E designing software	E pro Academy	17/05/18 to 15/06/18	1

Internship	-	L &T	07/05/18 to 08/05/18	1
Internship	Automobile servicing	Hero show room	-	1
Internship	Automobile servicing	Santosh Maruti Suzuki Vijayawada	17/05/18 to 20/05/18	1
Internship	Thermal Power plant familiarization	Bharath pvc ltd	16/05/18 to 30/05/18	1
Internship	Utilities in Ceramics	3F Industries pvt ltd	01/05/18 to 30/05/18	10
Internship	Chilled water Air /Conditioning	SILICA Ceramics Ltd, Dubacherla	18/04/18 to 28/05/18	6
Internship	Manufacture Aerospace quality ferrous and Non ferrous forgings to Defense, Steel and Processing Industries	HVAV, Visakhapatnam	18/04/18 to 30/05/18	1
Internship	Non/Destructive Testing	Manjira Machine Builders, Hyd	25/05/18 to 08/06/18	7
Internship	An Overview of SRD paper Ltd	Prakasa Spectro Cast pvt Ltd	23/04/18 to 07/06/18	2
Internship	Introduction to Pro/E designing software	SRD Paper Board Limited	03/05/18 to 09/06/18	1
Internship	Automobile servicing	Pro E vizag first man	26/04/18 to 30/05/18	1
Internship	-	HONDA Show Room	-	1

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organization	Date of MoU signed	Purpose and Activities	Number of students/ teachers participated under MoUs
Department of Science and Technology (DST), Ministry of science and Technology, Govt of India (NewGen IEDC)	10-07-2017	New Product Development	--
Solar HR Management Pvt. Ltd	25-07-2017	Training and placements in domestic & overseas	--
Expert Professionals Foundation, Chennai, Tamilnadu	26-08-2017	Training courses on Automotive Sector like Automotive Mechanist, Auto/Aero welding, CAD & CAM, CNC Programmer and design analysis courses like ProE ANSYS ect. And Expert Interaction to all branches	--
Affine Labs IT Solutions Pvt. Ltd	22-01-2018	App Development	6

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES		
4.1 Physical Facilities		
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year		
Budget allocated for infrastructure augmentation	**Budget utilized for infrastructure development**	
1,98,45,500.00	1,79,51,503.00	

4.1.2 Details of augmentation in infrastructure facilities during the year		
Facilities	**Existing**	**Newly added**
Campus area	**28.96(acres)**	**28.96(acres)**
Class rooms	72	-
Laboratories	76	2
Seminar Halls	11	-
Classrooms with LCD facilities	72	-
Classrooms with Wi-Fi/ LAN	72	-
Seminar halls with ICT facilities	6	-
Video Centre	-	-
No. of important equipments purchased (≥ 1-0 lakh) During the current year.		
Value of the equipment purchased during the year (Rs.in Lakhs)	15287522	1858925
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System-ILMS}

Name of the ILMS software	**Nature of automation (fully or partially)**	**Version**	**Year of automation**
NewGenLib	Fully	NGL Core Engine Version: 3.1.4	2006

4.2.2 Library Services:

	Existing		Newly added		Total	
	No.	**Value**	**No.**	**Value**	**No.**	**Value**
Text Books	39354	93,42,711	663	1502733	40017	10845444
Reference Books						
Journals	91	176355	96	3,25,240	96	195449
e-Books	169 IEEE, 26-ASME, 38-ASCE	744058	169 IEEE, 149 Springer, 26 ASME, 38 ASCE	935065	382	935065
e-Journals						
Digital Database						
CD & Video						
Library automation	NewGenLib					
Weeding (Hard Soft)						
Others (specify)	DELNET	11500	DELNET	13500	DELNET	13500

	4.3 IT Infrastructure							
4.3.1 Technology Upgradation (overall)								
	Total Comp uters	**Computer Labs**	**Internet**	**Browsing Centres**	**Comp uter Centres**	**Office**	**Departments**	**Available band width (MGBPS)**	**Others**
Existin g	1210	13	120 Mbps	---	1	1	10	-	
Added	--	---		---	---	---	---	-	
Total	1210		120 Mbps						

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

120Mbps MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	**Provide the link of the videos and media centre and recording facility**
YES	15202

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/ NMEICT/ any other Government initiatives & institutional (Learning Management System (LMS)etc

Name of the teacher	**Name of the module**	**Platform on which module is developed**	**Date of launching e - Content**
Sri V .L .N. Sastry	Artificial Intelligent Techniques	https://sastryvaranasi.website2.me/services	
Sri Krishna Murthy	FINITE ELEMENT METHODS	https://sites.google.com/a/sasi.ac.in/krishna-murthy/	`
Sri S N V P Ravi Teja	EDC	https://sites.google.com/sasi.ac.in/snvpraviteja/couse-file/edc-course-file?authuser=0	
P V V S D Nagendrudu	Database Management Systems	https://sites.google.com/sasi.ac.in/nagendrudu/database-management-systems?authuser=0	
B.Aruna	MEFA	https://sites.google.com/a/sasi.ac.in/b-aruna/	
M.Venu	Engineering Mechanics	https://sites.google.com/sasi.ac.in/venu-ce/em	

- One sample from Each department Shown above.Similar modules available and contributed by all faculty

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4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of Academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
30,07,52,800.00	27,18,23,769.00	1,98,45,500.00	1,79,51,503.00

4.4.2 **Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)**

All the Departments and various functioning units of the college are provided with all the required infrastructure facilities like class rooms, faculty rooms, girls waiting halls, laboratories etc. The effective usage of all the facilities is ensured by introducing exclusive hours for sports, extra lab hours, exclusive hours to visit advanced labs and Central Library in the regular time table itself. During these slots concerned class in-charges / faculty members will ensure the presence and utilization of facilities by the students.

A separate computer maintenance team is available which handles the departmental requirements. For every computer center, a Programmer/Technician are recruited and a faculty member is made in-chargeof the center.An exclusive department with 04 hardware engineers is functioning in the college to cater to the needs of day–to-day computer maintenance. However, minor software and hardware problems are being handled by the concerned lab technicians. Central library has its dedicated human resource and the departmental libraries are taken care of by the department office assistant and a faculty In-charge of the concerneddepartment.

All the departments take care of timely maintenance of the laboratory equipment. Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of heads of the departments.

Library: http://sasi.ac.in/library/library.html

Sports complex: http://sasi.ac.in/facilities/physical-education.html

Hostel: http://sasi.ac.in/facilities/hostel.html

Organization chart: http://sasi.ac.in/about/organization-chart.html

Computers: http://sasi.ac.in/facilities/projects-labs.html

IEEE Student Branch: http://sasi.ac.in/facilities/ieee.html

Entreprenuer development cell**:** http://sasi.ac.in/facilities/enterprenuer.html

CRITERION V
STUDENT SUPPORT AND PROGRESSION

CRITERION V - STUDENT SUPPORT AND PROGRESSION 2017 - 2018			
5.1 Student Support			
5.1.1 Scholarships and Financial Support			
	Name /Title of the scheme	**Number of students**	**Amount in Rupees**
Financial support from institution	Merit Scholarship	136	35,45,000
Financial support from other sources			
a) National	State Government	1971	7,30,05,500
b) International			

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Students counselling	2017-18	190	CE Dept. Faculty
British council training class	04-03-2018	7	Training and placements
EEE			
English communication skills	05-07-2017 to 14-10-2017	II B.Tech EEE sec A&B 101	Internal training
Carrere skills	17-07-2017 to 7-10-2017	III B.Tech EEE sec A&B (111)	Internal training
APTIS Training	11-03-2018	III B.Tech EEE sec A&B 21	British Council India
Students counselling	2017-18	II,III,IV B.Tech students 284	EEE Dept. Faculty
MECH			
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ECE			
RF Antenna design using HFSS Software	06-02-2018 to 31-03-2018	50	----
Students counselling	2017-18	II,III,IV B.Tech students	ECE Dept. Faculty
British council training class	04-03-2018	59	Training and placements
Communication skills	05-07-2017 to 14-10-2017	II B.Tech ECE (172)	Internal Training
Career skills	17-07-2017 to 7-10-2017	III B.Tech ECE (141)	Internal Training
CSE			
Data Science		39	----
Students counselling	2017-18	II,III,IV B.Tech students	CSE Dept. Faculty

British council training class	04-03-2018	68	Training and placements
Communication skills	05-07-2017 to 14-10-2017	II B.Tech CSE (172)	Internal Training
Career skills	17-07-2017 to 7-10-2017	III B.Tech CSE (130)	Internal Training
IT			
--	--	--	--
MBA			
Certificate Course on Enhancing Leadership Skills	05th February, 2018	69	Department of Management Science, Sasi Institute of Technology and Engineering
Guest Lecture on Enhancing Entrepreneurial Skills	16th December, 2017	163(II year – 69 + I Year – 94)	Department of Management Science, Sasi Institute of Technology and Engineering
Guest Lecture on Security Analysis & Portfolio Management	28th October, 2017	69	Department of Management Science, Sasi Institute of Technology and Engineering

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	GATE/PG ECET COACHING	16	53	15	21

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
-	-	-

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
14	256	41	12	256	11

5.2.2 Student progression to higher education in percentage during the year					
Year	**Number of students enrolling into higher education**	**Programme graduated from**	**Department graduated from**	**Name of institution joined**	**Name of Programme admitted to**
	3		EEE		M.Tech

5.2.3Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	-	
SET	-	
SLET	-	
GATE	2	
GMAT	-	
CAT	--	
GRE	-	
TOFEL	-	
Civil Services	-	
State Government Services	-	
Any Other	1	

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Cricket (Team)	2nd prize	
Basket Ball (Team)	2nd prize	
Volley Ball (Team)	2nd prize	
Fire Big Debate (Team)	1nd prize	
EEE		
Long sumo for men	1st prize	V.Veeranjaneyulu
Tenikoit (Doubles)	1st prize	K.Mouni
Tenikoit (Doubles)	1st prize	G.Raja Rajeswari
Tenikoit (Singles)	1st prize	K.Mouni
Chess for womens	1st prize	I.Pujitha
Shuttle badmention for women	2nd prize	V.Sri Lakshmi
Table Tennis singles (women)	2nd prize	M.Sai Bindu
Caroms for men (singles)	1st prize	P.Narasimha Swamy
Caroms for men (Doubles)	1st prize	P.Narasimha Swamy
Caroms for men (Doubles)	1st prize	D.Harish Babu
Shuttle badminton for men(Doubles)	1st prize	V. Kiran Kumar
Shuttle badminton for men(Doubles)	1st prize	N.Surya Chandra Rao
Shuttle badminton for men(singles)	2nd prize	V.Kiran Kumar
Long sumo for men	1st prize	V.Veeranjaneyulu
MECH		
PPTs	National	42
Poster	National	16
Project expo	National	17

Quiz	National	18
CAD design	National	16
Machino	National	19
Idea Bucket	National	1
Short Film	National	22
I Got Talent	National	4
Ramp walk	National	1
Creative Writing	National	7
Makeover	National	6
Craft Fair	National	5
Photography	National	7
Treasure Hunt	National	88
Race Your Moto	National	1
Singing	National	3
Dancing	National	45
Face Painting	National	4
Volley Ball	National	57
Throw Ball	National	42
Chess	National	15
Caroms	National	12
Table Tennis	National	9
Running	National	19
Relay	National	9
ECE		
Western(group)	1st prize	T.Jaya Sree
Western(Solo)	2nd prize	T.Jaya Sree
Classical (solo)	1st prize	R.V.L.Padmavathi
Running(100mts)	1st prize	B.Vigneswara rao
Running(200mts)	1st prize	B.Vigneswara rao
Running(800mts)	1st prize	B.Sesha sai kumar
2*100 mts relay	1st prize	B.Vigneswara rao, M.Ramaraju
Shot put	1st prize	S.Sai Ram
Discus throw	2nd prize	k.venkata tramana
Long jump	2nd prize	M.Ramaraju
High jump	1st prize	B.Vigneswara rao
Running(200mts)	1st prize	T.Chitti rajyam
Running(200mts)	2nd prize	M.Naga rani
Running(400mts)	2nd prize	T.Chitti rajyam
2*100 mts relay	2nd prize	T.Chitti rajyam, M.Naga rani
Shot put	2nd prize	D.P.Kavya
Discus throw	2nd prize	D.P.Kavya
Long jump	1st prize	T.Chitti rajyam
Throw ball	1st prize	B.Thrylokya & team
Kho-kho	1st prize	M.Naga rani & team
Tennikoit(D)	2nd prize	K.Lakshmi,P.Dharani
Tennikoit(s)	1st prize	M.Naga rani

Shuttle (D)	1st prize	B.Thrylokya,k.sangeetha
Shuttle (s)	1st prize	K.Sangeetha
Table tennis	1st prize	S.P.Niharika
Table tennis	1st prize	CH.Rohit
Shuttle (D)	2nd prize	B.Prasad kumar, B.D.Rajesh
CSE		
Classical (group) Singing	2nd Prize	133B1A0526
		15K61A05B0
Running(2*100mts)	1st prize	17K61A0532
	1st prize	17K61A0504
Running(2*200mts)	1st prize	15K61A05B0
		15K61A0529
Running(100mts)	1st prize	17K61A0532
	2nd prize	17K61A0504
Shot put	1st prize	15K61A0547
Disc throw	1st prize	15K61A0547
Long jump	2nd prize	15K61A05B0
Throw ball	2nd prize	133B1A0526
Kho-kho	2nd prize	14K61A05B6
Caroms(D)	1st prize	15K61A05A6
	1st prize	15K61A0515
Chess	1st prize	14K61A0576
IT		
Paper Presentation	National	8
Quiz	National	21
Coding	National	36
Poster Presentation	National	7
Volley Ball	National	2
Throw Ball	National	3
Running	National	2
I Got A Talent	National	1
Creative Writing	National	4
Make Over	National	2
Photography	National	1
Treasure Hunt	National	4
Singing	National	1
Dancing	National	2

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)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
EEE						
2018	4th prize	National	Throw ball	-------	15K61A0286	V.Sri Lakshmi

2018	1st prize	National	Tennicoit	------	14K61A0209	K.Mouni
2018	1st prize	National	Tennicoit	------	17K65A0213	A.Anusha
2018	3rd prize	National	Throw ball	------	14K61A0209	K.Mouni
2018	3rd prize	National	Throw ball	------	17K65A0213	A.Anusha
2018	Participated	National	Throw ball	------	14K61A0209	K.Mouni
2018	Participated	National	Throw ball		17K65A0213	A.Anusha
ECE						
2018	1st prize	National	-----------	Folk Dance	16K61A04C6	R.V.L. Padmavathi
2018	2nd prize	National	-----------	Classical (group)	16K61A04C6	R.V.L.Padmavathi
2018	2nd prize	National	------------	Classical (group)	16K61A04C2	P.Sarmista
2018	2nd prize	National	Table tennis	-----	16K61A04D9	S.P.Niharika
2018	3rd prize	National	Throw ball	-------	16K61A0480	K.N.Priya
2018	1st prize	National	Throw ball	------	16K61A0425	D.Pardhavi Kavya
2018	1st prize	National	Tennicoit	-----	14K61A0470	P.Dharani
2018	1st prize	National	Tennicoit	-----	15K61A0471	M.Nagarani
2018	1st prize	National	Tennicoit	-----	16K61A0467	K.Shoronrose
2018	1st prize	National	------------	Poster presentation	15K61A04B3	V.S.S.Prasanthi
2018	1st prize	National	----------	Exposition	15K61A0447	K.Navya sri
2017	1st prize	National	-------------	Project Expo	15K61A04C0	Y. Mounica
2017	1st prize	National	--------------	Project Expo	16K65A0419	V.Chiranjeevi Sai
2017	1st prize	National	--------------	Project Expo	15K61A04B3	V.S.S.Prasanthi
2017	Special prize	National	------------	Poster Design	15K61A04B3	V.S.S.Prasanthi
CSE						
2018	1st prize	National	-----------	Folk Dance	16K61A05A0	M Sandhya

2018	2nd prize	National		Singing	15K61A05B0	V Swapna
2018	1st prize	National	-----------	Classical Dance(Group)	133B1A0526	M Krishna Sahitya
2018	3rd prize	National	Throw ball	-------	133B1A0526	M Krishna Sahitya
2018	3rd prize	National	Throw ball	-------	15K61A0547	G Jyothi
2018	3rd prize	National	Throw ball	-------	16K61A0548	Y Hema Sree
2018	3rd prize	National	Throw ball	-------	16K61A0546	G Mounika
2018	3rd prize	National	Throw ball	-------	16K61A0515	Ch. Keerthi
2018	3rd prize	National	Throw ball	-------	16K61A0551	J Sravanthi
2018	3rd prize	National	Throw ball	-------	16K61A0588	M Keerthi
2018	3rd prize	National	Throw ball	-------	17K61A0520	Ch Manisha

MBA						
Year	**Name of the award/ medal**	**National/ International**	**Sports**	**Cultural**	**Student ID number**	**Name of the student**
2018	I Prize	National	-	VyaparaDakshitha	16K61E0056	R.Gowri
2018	II Prize	National	-	Best from Waste	16K61E0055	R. Hashavardhan
2018	II Prize	National	-	Best from Waste	16K61E0049	Sita Rama Bhargav

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students Association is functioning in each department through which executive members are elected for the post of President, Secretary and Treasurer from fourth year, assistants from third year and the office bearers from second year. The responsibility of these office bearers is to arrange, coordinate and execute various programmes either academic or cultural, to develop organizational skills and leadership qualities.

The institute has the following bodies/committees in which student representatives are involved.
- Academic: Sports Committee, NSS Committee,Library Advisory Committee
- Administrative: Anti Ragging Committee, Cultural Committee, Hostel committee, Departmental student association, Student Grievance Redressal committee,Women welfare Committee, Discipline committee, Transport committee, Canteen committee, Timetable committee, Alumini Committee, Hobby Club

5.4 Alumni Engagement

5.4.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes,The college has alumni association. Alumni meet is conducted every year. Alumni from various parts enthusiastically participate in the meet.The Alumni participate and contribute to the development of the institute in the following ways:

These members contribute to the improvement of teaching learning processes. Alumni have active participation in syllabus framing as BOS members. The Alumni are invited to deliver guest lectures and also as the resource persons for workshops and seminars on recent trends in technology. They also share their professional experience and motivate the students. The Alumni actively participate as judges in various technical and non-technical competitions organized at the institute.

5.4.2 No. of registered enrolled Alumni:

789

5.4.3 Alumni contribution during the year (in Rupees) :

78,900

5.4.4 Meetings/activities organized by Alumni Association **: 1.Invited Talks/ Guest Lectures**

Alumni are also engaged in various students driven activities like clubs and committees as a Jury Member, felicitator and activities supporters.

CRITERION VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

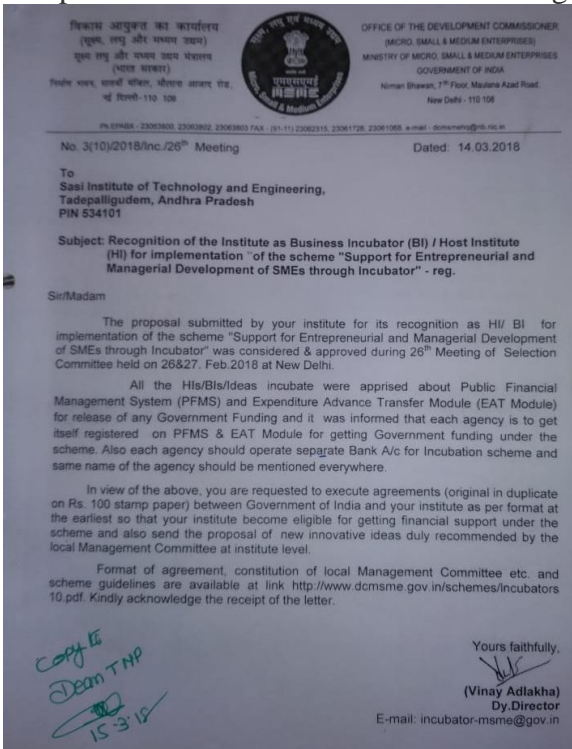**6.1 Institutional Vision and Leadership**

6.1.1 Mention two practices of decentralization and participative management during the last year

The institute promotes a culture of participative management by involving staff and students in various activities. All decisions of the institution are governed by management offacts, information and objectives.Both students and faculties allowed expressing themselves of any suggestions to improve the excellence in any aspect of the Institute.

The following is the list of various committees maintained for effective administration.

S. No	Name of the Committee
1	College Academic Committee
2	Student Grievances Redressal Committee
3	Anti-ragging Committee
4	Disciplinary Committee
5	Public Relations, Press, Media & Public Committee
6	Research and Development, Consultancy & External Funded Project committee
7	Internal training (Managerial / soft/comm. skills)
8	Career Guidance, Training & Placement Committee
9	Hostel Committee
10	Canteen/ House Keeping/Hygiene/Sanitation
11	NSS Committee
12	Social Welfare (BC/SC/ST) Committee
14	Transport Committee
15	Arts/Cultural/Literary & Hobby Club Committee
16	General Maintenance Committee
17	Renewable Energy Committee
19	Examination /Timetable/Admissions
20	Library Advisory Committee
21	Industry Institute Partnership Committee
22	Entrepreneurship Development Committee
23	Website/ICT/Self (or) e-learning Committee
24	Alumni Committee
25	Inter Quality Assurance Committee(IQAS)
26	Women Welfare/Sexual Harassment Eradication Committee
27	Professional Societies activities committee
28	Electrical / Computer Networks Maintenance Committee
29	Faculty/Staff Grievance Committee

S.No	Name of the Committee	Type of Activity	No students	Remarks
01	Website/ICT/Self (or) e-learning Committee	NPTEL Certification	57	Most of the faculty and students have participated in a number of NPTEL Courses as we are one of the local chapter in our district.
		Online certification	8	
		Mooc's	--	

				Teaching Materials prepared by faculty are shared with students through online blogs and group mails
02	**Entrepreneur Development Cell :** our Institute has recently recognised as HI\ BI for implementation of " Support for Entrepreneurial and Managerial Development of SME's through Incubator" which aims to promote emerging technological and knowledge based innovative ventures that seek the nurturing of ideas from young students of our organisation along with a support to untapped creativity of individual innovators and also to assist Individual innovators to become technology based entrepreneurs. HI/BIs are exploring the new innovative ideas from the Incubatee of various sectors that may be existing and prospective entrepreneurs. Even the students from the various streams are also participating in nurturing their new ideas through the Host Institutions as a part of their studies and carrier building.			

EDC Cell organised two weeks faculty development program on EDP so as to providing opportunity to the innovators in developing and nurturing their new innovative ideas for the production of new innovative products which can be sent in to the market for commercialization. This fund is routed through the HI/BI.

SITE, Tadepalligudem

1. **Name of and Address of Program Implementation Agency:**

   SASI INSTITUTE OF TECHNOLOGY & ENGINEERING
   Tadepalligudem-534101
   West Godavari [District]
   Andhra Pradesh.
   Tel : 08818 275500 / 11 / 22 / 33
   Mail: office@sasi.ac.in

2. **Program Location:**

   Tadepalligudem,
   West Godavari District,
   Andhra Pradesh
   Pin Code: 534101

3. **Program Date:** From 19-June-2017 To 01-July-2017

4. **Name of the Coordinator:**

   Dr. M.Venkateswara Rao,
   Dean Training and Placements
   Cell: 8106999000
   Mail: tnp@sasi.ac.in

5. **Methods adopted to promote the programme: (Please Tick) (Provide Documented Evidence)**

   Pamphlets / Broacher pp [✓]   Newspaper Advertisement [ ]

   Posters/ Hand Bills [ ]   Other (Please Specify) [ ]

6. **No. of candidate completed the programme successfully:**

   25 (Male 22, Female 3)

7. **List of participants**

Faculty Development Program Report

ANNEXURE-III

LIST OF RESOURCE PERSONS

S.No.	Name	Designation	Organization
1	Mr. G. Satish Babu	Agri –Business Consultant	West Godavari District
2	Mr. Yesu Babu	Assistant Director	DIC
3	Mr. N. Suresh Babu	Assistant Professor	SITE
4	Mr. Uday Shankar	Former Director	Ni-MSME
5	Dr. K. Krishna Murthy Naidu,	Professor	Sri Vasavi Engineering College, Tadepalligudem
6	Dr. B. Ravi kanth	Associate Professor	SRKR Engineering College, Bhimavaram
7	Dr. K. Jafar Ali	Professor	SITE
8	Sri Purandar Sengupta	Accredited Trainer	NIESBUD
9	Prof. Mannem Venkateswara Rao	Dean (Training & Placements)	SITE
10	Mr. J.N Mishra	Assistant Director	MSME
11	Mr. A.S Ramaiah	Assistant General manager	SIDBI
12	Akbar Ali	Technical Consultant	Solar HRManagement Consultant Pvt. Ltd.

Faculty Development Program Report

SITE, Tadepalligudem

13	Dr. Ramasundari	Professor & HOD	SITE
14	Mr. G. Sudarshan	Associate Faculty Member	Ni-MSME
15	Dr. B. Kiran Kumar	Associate Professor	SITE
16	Dr. SatyaPrakash	Professor	VISIT Engineering College, Venkatramannagudem
17	Mr. A. SivaramaRao ,	Associate Professor	SITE
18	Dr. R.RajaPrabhu,	Dean Research	Christ University, Chennai
19	Mr. D. Kiran Kumar	Assistant Director	MSME
20	S. Glory Swarupa Rani	HRD Consultant	National Fisheries Development Board

ANNEXURE-IV

LIST OF INDUSTRIES/ INSTITUTES VISITED

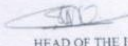| S. No.	Name Of The Company	Product/Service
1	Chowdary Spinners Ltd. , Tanaku	Manufacturer and supplier of cotton yarn, grey fabric exporter of cotton yarn, grey fabric
2	Ramya Enterprises, Alampuram	Manufacturer and supplier of T-Shirts, Shirts etc...

SIGNATURE: SIGNATURE:

CO-COORDINATOR   HEAD OF THE INSTITUTION
                                    Principal
                                    Sasi Institute of Technology & Engineering
Faculty Development Program Report TADEPALLIGUDEM - 534101
                                    W.G.Dist (A.P.)

ANEXURE-III
DST-NIMAT PROJECT 2017-18

STATEMENT OF AUDITED EXPENDITURE

Name of the Grantee Institution: SASI INSTITUTE OF THECNOLOGY AND ENGINEERING

Address: Near Aerodrome,

                                     Tadepalligudem-534101

                                     West Godavari [District]

                                     Andhra Pradesh.

                                     Tel : 08818 275500 / 11 / 22 / 33

                                     Mail: office@sasi.ac.in
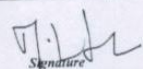
Sanction Letter No. And Date: EDII/DST-NIMAT/17-18/126
                                     DATE: 26/04/2017

Amount: 1,25,000/-

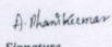Purpose of Grant: To conduct FDP programs under DST-NIMAT

S. NO	ITEMS OF EXPENDITURE	SANCTIONED EXPENDITURE	ACTUAL EXPENDITURE	VARIATION (EXCESS/ SHORTFALL)	REASONS/ JUSTIFICATION FOR VARIATION
1	FDP	2,50,000.00	2,51,802.00	1,802.00	Unbillable Local Expenses & slight change in Honorarium to Resource persons
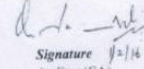
Signature   Signature   Signature   Signature
Head of the Institution Program Coordinator   Finance and   Auditor (CA)
Principal   Accounts Officer
Sasi Institute of Technology & Engineering   of the institute
TADEPALLIGUDEM - 534101
W.G.Dist (A.P.)

6.1.2 Does the institution have a Management Information System (MIS)?

Yes. College uses MIS for library and administrative work. The structure of the organization allows for systematic reporting to the concerned superiors (academic as well as administrative), use of computers, software for admission, attendance, online registration for university examinations and so on.

Library :
Name of the Vendor :
Name of the Software: Newgenlib
Year of Implementation : 2006
Functions : Library Automation

College Office:
Name of the Vendor :
Name of Software:
Year of Implementation :
Functions : Admissions and Payments

ECAP Details:
Name of the Vendor : webprossolution Private limited
Name of Software: ECAP
Year of Implementation : 2018
Functions : Admissions and Payments

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following **:**

- Curriculum Development – As we are affiliated to the University of JNTUK we follow the syllabi revision as prescribed by the Board of Studies of different subjects. The college cannot make changes in the Curriculum that is designed by the University. However, a number of Faculty members from the college have contributed in syllabus revision and also been appointed as paper setters at University level. The following is the list of various curriculum activities performed by our faculty

Value added courses	Date of introduction
Guest Lecture on Intelligent sensing systems with improved performance characteristics	19-02-2018
Alumni Talk on Industry Exposure and Domains Exists in the Industries for Electrical Engineers	10-02-2018
Two Days Workshop on Introduction to MATLAB	05-12-2018 & 06-12-2018
Guest Talk on Industry Safety and Scope for Budding Engineers	11-11-2017
Guest Talk on Indian Electricity Act and Advancements in Transmission & Distribution	19-09-2017
One Day Workshop on Advanced Technologies for Scientists and Engineers	16-09-2017
Guest Talk on Harmonics and Switching Transients in Synchronous Generators	14-09-2017
Guest Talk on PWM Converters using MATLAB/ Simulink	09-09-2017
Guest Talk on Three Phase Power Quality Analyzer	11-08-2017
Guest Talk on Design of Single Phase AC-DC Power Converters in MATLAB / Simulink	01-08-2017

Guest Talk on Design Optimization of Solar Power Plant	27-07-2017
Recent Trends in IC Design and its Applications	16-04-2018 to 21-04-2018
Recent Trends & Developments in Low Power VLSI Design	10-03-2018
ARM Cotex M series Architecture	24-02-2018
A 2 day workshop on "RF Antenna Design using HFSS software"	22-12-2017 to 23-12-2017
A guest lecture on "Weather forecast Radar System"	25-09-2017
A guest lecture on "Optical Communications and Networks"	19-08-2017
A 2 day workshop on "Advanced Computational Tools for Antenna Design"	09-08-2017 to 10-08-2017
A guest lecture on "Signals And Systems- A Practical approach"	29-07-2017
A Guest Lecture of "Design of Advanced Thermal Systems"	15-07-2017
Two Day Workshop on "Non-Destructive Testings".	21st, 22nd – 07-2017
A Guest Lecture of "Advanced Manufacturing Engineering"	23-09-2017
A Guest Lecture of "Piping Design"	10-02-2018
Two Day Workshop on "Refrigeration & Air Conditioning".	05th, 6th-02-2018
A Guest Lecture on "Introduction to Software Reengineering".	05-01-2018
"Reengineering of Systems"	06-01-2018
A Guest Lecture on "The Future of Image Processing".	17-02-2018
A Guest Lecture on "Introduction to Machine Learning"	03-03-2018
A Guest Lecture on "Data Structures and Applications"	27-01-2018
A Guest Lecture on "Overview of Data Mining"	21-01-2017

- Teaching and Learning:

    HoD and senior faculty members finalises the academic calendar and subject allocation to the staff. The Academic calendar consists of the activities planned for the semester which includes internal test dates, conduction of events like organizing guest lectures, Workshops, Industrial Visits, Faculty Development Programmes and Conferences etc. Staff members prepare a teaching plan at the beginning of every semester. The syllabus covered by each faculty is reviewed by the Head of Department at the end of every week . Principal reviews the teaching plans along with student's attendance reports at the end of each quarter. Staff members are encouraged to use audio visual aids and ICT in the classroom.

S.No	Workshop/seminar/Guest Lectures	Dates of the event
**List of various T&L activities organised at our Institute during the Academic Year 2017-18:**		
1	Faculty Development Programme on Entrepreneurship Development organised by National Science & Technology Entrepreneurship Development Board (NSTEDB)	19th June to 1st July 2017
2	One Day work shop on Empowering Teaching Excellence Through E-Learning Platform organized by	08th July 2017
3	A Guest lecture on "**Design of Advanced Thermal Systems**" was delivered by Dr. Yugandhar Puli, Senior faculty of Mechanical Engineering, Department of Technical Education, MRAGR Govt. Polytechnic, Vizianagaram	15th July 2017
4	A two day Workshop on "**Non Destructive Testing**" was conducted by Vidal NDT, Vijayawada	21st and 22nd July 2017
5	A Guest lecture on "**Advances in Manufacturing Engineering**" was delivered by Dr. A. Venu Gopal, Professor, NIT Warangal	26th September 2017.
6	A faculty development programme on **PEDAGOGY** has been organized in association with National Institute Of Technical Teachers Training & Research , Kolkata	13th to 17th November 2017
7	A one week faculty development programme on "**Advances in Manufacturing of Composites**"	27th November to 2nd December 2017
8	A Workshop has been conducted on **Maintenance & Trouble shooting of Refrigeration and Air-conditioning**	05th and 6th of February 2018
9	A Guest Lecture on "**Piping Design**".	10th February 2018
10	Guest Lecture on Intelligent sensing systems with improved performance characteristics	19-02-2018
11	Alumni Talk on Industry Exposure and Domains Exists in the Industries for Electrical Engineers	10-02-2018
12	Two Days Workshop on Introduction to MATLAB	05-12-2018 & 06-12-2018
13	Guest Talk on Industry Safety and Scope for Budding Engineers	11-11-2017
14	Guest Talk on Indian Electricity Act and Advancements in Transmission & Distribution	19-09-2017
15	One Day Workshop on Advanced Technologies for Scientists and Engineers	16-09-2017
16	Guest Talk on Harmonics and Switching Transients in Synchronous Generators	14-09-2017
17	Guest Talk on PWM Converters using MATLAB/ Simulink	09-09-2017
18	Guest Talk on Three Phase Power Quality Analyzer	11-08-2017
19	Guest Talk on Design of Single Phase AC-DC Power Converters in MATLAB / Simulink	01-08-2017
20	Guest Talk on Design Optimization of Solar Power Plant	27-07-2017

List of Various T&L activities Attended by our Faculty in various Institutes during the Academic Year 2017-18 :

S.No	Name of faculty	Name of the Department	Workshop/seminar/Guest Lectures	Dates of the event
1	B. Kiran Kumar	Mechanical Engineering	The Entrepreneurship Faculty Educator program under "Pradhan Mantri Yuva Yojana" held at IPGDC, Nampally	26th August 2017.
2	B. Kiran Kumar	Mechanical Engineering	The Entrepreneurship Educators program from Anurag group of Institutions, Hyderabad organized by WADHWANI foundation.	4th to 8th July 2017
3	P.Surendra	Mechanical Engineering	A two week faculty development programme on "Contemporary Advances In Materials & Manufacturing Engineering (CAMME - 2017)" at JNTU Kakinada.	30th October to 10th November 2017
4	B.Krishna Murthy	Mechanical Engineering	A two week faculty development programme on "Contemporary Advances In Materials & Manufacturing Engineering (CAMME - 2017)" at JNTU Kakinada.	30th October to 10th November 2017
5	Ch.Syma Kumar	Mechanical Engineering	Faculty Development Programme on "Fault Diagnosis, Condition Monitoring And Structural Dynamic Analysis" sponsored by AICTE, Aditya Institute of Technology and Management, Tekkali.	6th to 19th November 2017
6	M.V.Kiran Kumar	Mechanical Engineering	Faculty Development Programme on "Fault Diagnosis, Condition Monitoring And Structural Dynamic Analysis" sponsored by AICTE, AITM, Tekkali.	6th to 19th November 2017

7	K Naga Lakshmi	R&D Cell, SITE	FDP	13/11/17-17/11/17
8	M Venkatesh	R&D Cell, SITE	FDP	13/11/17-17/11/17
9	P Pavani	R&D Cell, SITE	FDP	13/11/17-17/11/17
10	A VS Siva Rama Rao	R&D Cell, SITE	FDP	13/11/17-17/11/17
11	A Jyothi	R&D Cell, SITE	FDP	13/11/17-17/11/17
12	M Chilaka Rao	R&D Cell, SITE	FDP	13/11/17-17/11/17
13	T Bhavani	R&D Cell, SITE	FDP	13/11/17-17/11/17
14	I Uma Meghana	R&D Cell, SITE	FDP	13/11/17-17/11/17
15	K Giridhar	R&D Cell, SITE	FDP	13/11/17-17/11/17
16	G. V.AppaRao	EEE	Entrepreneurship Development	19th June to 1st July, 2016
17	A V SrinivasaRao	EEE	Design and Analysis of RF Antennas using HFSS Software	07th to 11th November 2017
18	P Ajay saikiran	EEE	Industrial Automation - Siemens	15th to 20th May 2011
19	P Ajay saikiran	EEE	NI Engineering Education & Research Seminar	26th September 2017
20	K PhaniSanthoshi	EEE	Entrepreneurship Development	19th June to 1st July, 2016
21	M Narayana Murthy	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017
22	K.SrinivasaRao	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017
23	P Ajay saikiran	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017
24	V.L.N.Sastry	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017
25	S Sateesh	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017

26	N.Nagendra	EEE	Seminar on "Internet of Things and Wireless Sensor networks"	17th to 18th November 2017
27	M M Swami Naidu	EEE	Pedagogy	13st to 17th November 2017
28	D Durga	EEE	Pedagogy	13st to 17th November 2017
29	K Raja Rao	EEE	Entrepreneurship Development	19th June to 1st July, 2016
30	P Ajay saikiran	EEE	Pedagogy	13st to 17th November 2017
31	N.Nagendra	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
32	G. V.AppaRao	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
33	M Narayana Murthy	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
34	M M Swami Naidu	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
35	K.SrinivasaRao	EEE	Research Prospective on Solar PVsystems: design, Simulation and Applications	30th April -4th May 2018
36	Ch. Srinivas	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
37	B.Karteek	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
38	G. Satyanarayana	EEE	Research Prospective on Solar PV systems: design, Simulation and Applications	30th April -4th May 2018
39	D.Satyanarayan	CE	A two week faculty development programme on software applications in civil engineering	23rd Oct- 04thNOV 2017
40	M.Venu	CE	Effective Teaching and Learning of Geotechnical Engineering using field practices and Case Studies	06th Dec- 10th Dec 2017
41	G.Vijaya Raju	CE	Effective Teaching and Learning of Flexible pavement Design	17th Jan – 21st Jan 18

42	K.Ganesh Kumar	CE	Computational Methods in Hydraulics and water Resources Engineering	19th Mar- 24th Mar -2018

Examination and Evaluation-

Initiatives and Implementation details for improving the quality of Internal Semester Question papers (Internal Assessment Test)

- The department conducts two internal assessment tests at 8th and 16th week respectively.
- Each test covers half of the syllabus.
- According to level of toughness the questions are prepared (viz., analyzing the problems, implementation of modern tools, formulating the problems etc), which is termed as Bloom's Taxonomy.
  The questions will be of three categories:
- One third of the questions is straight and can be answered by all students.
- One third of the questions need analysis and use of content covered as per syllabus.
- Remaining one third of the questions is not straight. Certain amount of thinking, analysis and mathematical knowledge are required to resolve.

Evaluation:

- The Subject faculty defining the scheme of evaluation for the question paper and they evaluate the question papers based on scheme.
- The faculties after every internal assessment test they explain the solution of the questions in the class which will enable them to perform well in the final examination

Procedure Adopted in case of malpractices:

- A Statement is collected from student practising unfair means and the report from concerned invigilators is collected.
- The Report is submitted to Disciplinary Committee through Principal.
- A show cause notice is issued to concerned student and an inquiry is conducted by the committee.
- Based upon the enquiry the committee submits a report to the principal.
- Based upon the report principal imposes the punishment (if any)to the concerned Student.

Research and Development:

The Research Committee and the IQAC is functional in the institution to promote research related activities. Research committee guides students for participating at University and inter-college research related competitions. Faculty members are encouraged to initiate research, present and publish research papers Faculty participating in conferences / seminar to present research papers is encouraged by providing On-Duty Permissions.

Currently following staff members that have started to purse Ph. D in the A.Y 2017-18

Library, ICT and Physical Infrastructure / Instrumentation:

SITE Central Library automated its housekeeping operations by using NewGenLib: an integrated Library automation software. Upgraded to email integration in Library Automation software, through this library users receives the mail alerts whenever they did a transaction like check-in , check-out, renewal remainder, overdue alerts and so on.. Library created its resources Database and provided Online Public Access Catalogue (OPAC) through which users can be accessed from any of the computer connected in the campus LAN to know available resources and the status of the book.

http://172.168.0.5:8080/newgenlibctxt/

The library is a member of DELNET and provides web access to 2,28,45,202 Records of books, Periodicals, Theses, Dissertations. It is connected with 5563 libraries in 32 states in India and other countries. **http://164.100.247.30/**

Human Resource Management
- New recruits are mentored by senior faculty.
- Regular self appraisal of faculty is done and will be verified HoD' s and Principal at the end of every Academic Year.
- Students fill online feedback form for each faculty for different subjects and laboratories.
- In the staff meeting, staff members are shown their individual feedback and after the meeting principal has one on one discussion with each staff member on the basis of analysis of their feedback.

Industry Interaction / Collaboration :

　　　Industrial visits give greater clarity about importance of various Engineering concepts, as students practically experience how these concepts are put into action. Our College encourages industrial visits as a value-added learning method for engineering students. Learning from textbooks, lectures and other study material does not suffice for holistic learning. Practical and hands-on learning is essential for better understanding of work processes. Conducted Pre visit and Post visit survey for assessing the students.

　　　Sasi Institute of Technology& Engineering, motivates students to undertake internship programs in various well known firms both public and private sector. It provides an opportunity to work on real world projects to hone their skills on cutting edge technology. This helps students to develop a network and contacts. The students enjoy the opportunity which is able to meet their particular interest.

　　　After the industrial training/internship, feedback is collected from the students and used for impact analysis. Evaluation form collected from the industry for assessing students. The institution has signed MoU with various industries. These industries involve in designing the program, depute trainers to train the faculties and students of our institution

Admission of Students

Admission process is as per Norms of university and senior students are also involved in the collection of admission forms, data compilation with the objective of acquainting them with the admission process.

6.2.2 : Implementation of e-governance in areas of operations:

- Planning and Development
- Administration
- Finance and Accounts
- Student Admission and Support
- Examination

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
-	-	-	-	-

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-18	AICTE Sponsored Internation Seminar on IOTWSN	-	17/11/17 to 18/11/17	**36**	-
	FDP on Pedagogy	-	13-11-17 to 17-11-17	**15**	
	Design and Analysis of RF antennas using HFSS Software	-	07/11/17 to 11/11/17	**5**	
	Advances in Manufacturing of Composites	-	27-10-2017 to 02-11-2017	**55**	

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
FDP on Pedagogy	**70**	13th to 17th Nov., 2017
Design and Analysis of RF antennas using HFSS Software	**5**	
Design of microwave antennas for wireless applications	**6**	
An intelligent system design using bio inspired algorithms	**6**	
Advanced Antennas & Designing	**6**	
IOE Gaining great insights into an emerging digital dire	**5**	
One week FDP on computer oriented optimization and their applications in	**6**	
International Seminar on IOTWSN	**34**	
FDP on Internet of Things and Smart Applications	**1**	
National Workshop on Advances in Positioning,	**1**	

Navigation & Communication		
National Level Technical Seminar on Machine learning using R Programming	**1**	
Workshop on Research Methodology	**5**	
One Day work shop on Empowering Teaching Excellence Through E-Learning Platform	**1**	08th July 2017
Contemporary Advances in Materials & Manufacturing Engineering (CAMME-2017)	**2**	30th Oct. – 10th Nov., 2017
Fault Diagnosis, Condition Monitoring & Structural Dynamic Analysis	**2**	6th -19th Nov., 2017
Advances in Manufacturing of Composites	**12**	27th to 2nd

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	**Fulltime**	**Permanent**	**Fulltime/temporary**
208	208	75	75

6.3.5 Welfare schemes for

Cadre	S. No.	Department	Name	Designation	Type of Benefit	Remarks
Teaching	1	CSE	DSL Manikanteswari	Asst. Prof.	Maternity Leave	24.04.2017 To 31.12.2017
	2	ECE	M Lalitha Bhavani	Asst. Prof.	Maternity Leave	01.07.2017 To 31.12.2017
	3	ECE	K Chandra Sekhara Rao	Asst. Prof.	Study leave	25.06.2018 To 31.05.2021
	4	ECE	A. Kabir Das	Asst. Prof.	Study leave	17.07.2018 To 31.06.2021
Non teaching	**5**	ECE	M Lalitha Bhavani	Asst. Prof.	Maternity Leave	16.08.2017 To 31.01.2018
Students						

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

SASI INSTITUTE OF TECHNOLOGY & ENGINEERING
TADEPALLIGUDEM - 534101
DEPRECIATION STATEMENT FOR THE YEAR 2016-17
FIXED ASSETS 2016-17

SCHEDULE - 7

NAME OF THE ASSET	Opening As on 01.04.2016	ADDITION BEFORE SEP	ADDITION OFTER SEP	DELETIONS	TOTAL	RATE %	Before sep Depriciation	Offer Sep Depriciation	DEPRICIATION	Closing As on 31.03.2017
Buildings	70,385,823.00	11,186,805.00	-	-	81,572,628.00	10/5	8,157,263.00	-	8,157,263	73,415,365
ECE block (Under Construction)	-	2,924,037.00	6,873,631.00	-	9,797,668.00	-	-	-	-	9,797,668
Sheds	2,474,266.00	-	437,531.00	-	2,911,797.00	10/5	247,427.00	21,877.00	269,304	2,642,493
Furniture	8,134,865.00	805,989.00	654,615.00	-	9,595,469.00	10/5	894,085.00	32,731.00	926,816	8,668,653
Concrete Mixer	1,590.00			1,590.00		15/7.5				
Generator	647,945.00	-			647,945.00	15/7.5	97,192.00		97,192	550,753
Library Books	2,842,621.00	1,240,896.00	380,207.00	3,784.00	4,459,940.00	15/7.5	612,528.00	28,516.00	641,044	3,818,896
Library Books (Diploma)	41,908.00	-			41,908.00	15/7.5	6,286.00		6,286	35,622
LIBRARY EQUIPMENT	125,012.00	-			125,012.00	15/7.5	18,752.00		18,752	106,260
Electrical Equipment	1,826,114.00	-	45,900.00		1,871,914.00	15/7.5	273,917.00	3,435.00	277,352	1,594,562
Electrical Motors & Pipes	594,351.00	13,727.00	18,900.00		626,978.00	15/7.5	91,212.00	1,418.00	92,630	534,348
office equipment	650,769.00	242,198.00	492,950.00		1,385,917.00	15/7.5	133,945.00	36,971.00	170,916	1,215,001
Vehicles (details list enclosed)	18,438,402.00	19,810,463.00		2,026,582.00	36,222,283.00	15/7.5	5,433,344.00	-	5,433,344	30,788,939
AC Machines	1,807,777.00	-			1,807,777.00	15/7.5	271,167.00		271,167	1,536,610
Kichen Equipment	615,063.00	85,145.00	1,001,576.00		1,701,784.00	15/7.5	105,031.00	75,118.00	180,149	1,521,635
Mineral water Plant	897,771.00				897,771.00	15/7.5	134,666.00		134,666	763,105
Water Cooler	98,260.00				98,260.00	15/7.5	14,739.00		14,739	83,521
Water Tankar	70,638.00				70,638.00	15/7.5	10,596.00		10,596	60,042
Sports, Games Equipment	689,268.00	24,615.00	42,215.00		756,098.00	15/7.5	107,082.00	3,166.00	110,248	645,850
Fire Equipment	189,334.00	1,309,000.00	123,937.00		1,622,271.00	15/7.5	224,750.00	9,295.00	234,045	1,388,226
Electronic Insturments	349,057.00	90,000.00	26,800.00		465,857.00	15/7.5	65,859.00	2,010.00	67,869	397,988
Dispensary Equipment	8,972.00				8,972.00	50/25	4,486.00		4,486	4,486
Land	23,521,463.00				23,521,463.00	-			-	23,521,463
Library Block & Auditorium Cons	10,347,916.00	850,539.00		11,198,455.00	-	10/5	-	-	-	-
Mess Building Construction II	806,460.00	3,857,269.00	6,078,334.00	27,900.00	10,714,163.00					10,714,163
	145,565,645	42,416,068	19,910,443	16,245,725	191,646,431		17,622,553	216,383	17,118,864	173,805,649

For Sasi Educational Society

President

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)		
Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
-	-	-

6.4.2 Total corpus fund generated   --

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA/Autonomous/JNTUK	Yes	IQAC
Administrative	Yes	NBA/Autonomous/JNTUK	Yes	

Accounts

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

College conducted following activities involving parents
- Orientation program for all First Year Students.
- Parents are invited to participate in annual day celebrations and to share their experiences
- Parent - Teacher association feedback is taken on all aspects
- Parents are invited to meet concerned Head of the Departments regarding Students with Attendance shortage and backlogs

6.5.3 Development programmes for support staff (at least three)
- Computer Literacy Program
- Communication Classes
- Soft skill Development Program

6.5.4 Post Accreditation initiative(s) (mention at least three)
- Use of polythene is banned
- Consumption of Gutkha, Cigarette, Tobacco etc., is strictly prohibited.
- Plantation programmes are undertaken to make the college green campus
- The NSS cell of the college undertake regular social work inside and outside the college campus.
- Plantation and Flowering by various departments are done

6.5.5

a. Submission of Data for AISHE portal   : Yes
b. Participation in NIRF   : Yes
c. ISO Certification   : No
d. NBA or any other quality audit   : Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to------)	Number of participants

Year	Name of quality initiative by IQAC	Date of conducting activity	Status	Remarks
1	NAAC AQAR, Autonomous, NBA Reaccreditation activities	09-July-16 to 28-June-17	Annual Quality Assessment Reports for last 3 years are in the process of preparation, same need to be completed on top most priority and send to Advisors for review (before submitting to NAAC).	NAAC has introduced statistical information into their application and are taking the average of 5 years data for assessment.
2	Compliance report completion	10-July-17		
3	Committees, Cr-4,5,9 review	20-July-17		
4	SAR review (Cr-1,2,3,6,7,8,)	17-Aug-17		
5	NBA, NAAC summaries alignment & delegate to Appropriate committees	25-Oct-17		

CRITERION VII

INSTITUTIONAL VALUES AND BEST PRACTICES

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES
7.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the program	Period (from – to)	Number of participants by Gender	
		Female	**Male**
International Women's Day Celebrations	8th March, 2018	850	Nil
Legal Rights of Women	14th October, 2017		

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Table: Expenditure details of the Gardening

S.No.	Academic Year	Particulars	Rs.
1.	2017 – 2018	Expenditure for Gardening (including chemicals and Labour Charges)	3,14,319
2.	2017 – 2018	Fire Wood used for cooking at hostels instead of Electrical Cooking	

Percentage of power requirement of the College met by the renewable energy sources

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	-
Provision for lift	No	-
Ramp/ Rails	Yes	04
Braille Software/facilities	No	-
Rest Rooms	Yes	
Scribes for examination	Yes	01
Special skill development for differently abled students	No	
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness
Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the Initiative	Issues Addressed	Number of participating students and staff
2017-18	NIL	NIL	NIL	NIL	NIL	NIL

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7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Government Body	**2002**	-
HR Manual	**2014**	-
Student Rules	**2002**	-
Alumni	-	-
Parents	-	-

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from – to)	Number of Participants
-	-	-

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

During the Academic Year 2017-2018 the Institute expended for Rs.12,63,060.00 for fire wood for cooking of food at Institute Mess.

7.2 Best Practices

Describe at least two institutional best practices

Best Practice - 1: ICT Based Learning and Certificate Courses

Goal: The primary objectives of these courses are to enhance the student learning abilities in their respective discipline or branch.

The Process: The following procedure was adopted the Institute to join the students in various courses of NPTEL.
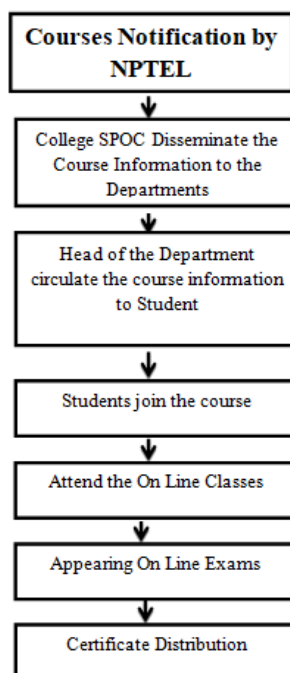
Academic Year 2017 – 2018 (January – April, 2018 Cycle)

S.No.	Department	Number of Courses Enrolled	Certificate Type			Total
			Elite	Qualified	Disqualified	
1.	CE	01	-	02	01	**03**
2.	CSE	08	07	10	03	**20**
3.	ECE	06	02	14	07	**23**
4.	EEE	04	03	14	04	**21**
5.	IT	03	-	04	01	**05**
6.	ME	07	02	05	03	**10**

Academic Year 2017 – 2018 (July – September, 2017 Cycle)

S.No.	Particulars	Certificate Type			Total
		Elite	Qualified	Disqualified	
1.	**Various Courses**	**22**	**39**	**37**	**98**

Academic Year 2017 – 2018 (July – September, 2017 Cycle)

S.No.	Particulars	Certificate Type			Total
		Elite	Qualified	Disqualified	
1.	**Various Courses**	**22**	**39**	**37**	**98**

Best Practice - 2: APSCHE and British Council Select Certification Course

Goal: To enhance the English Speaking and Employability skills among the students

The Process: The process of inculcate the this programme through the selection of the students from the departments, training sessions are attended by the students, finally they attend the examinations.

The following details are pertaining to the list of students who attend the British Council Certification Course Examinations.

S.No.	Department	#
1.	Civil Engineering	13
2.	Computer Science Engineering	69
3.	Electronics & Communication Engineering	54
4.	Electrical & Electronics Engineering	26
5.	Information Technology	27
6.	Mechanical Engineering	13
	Total Students Attended	**202**

Best Practice 3: Bus Fee Concession for Staff Members

The Sasi Institute of Technology and Engineering, provides a concessional bus travel for staff members. The Institute of gives 100% transport fee is waived for bus in-charges & 50% fees is waived for faculty members and staff members.

Details of the Staff Members Availing transport facility for the Academic Year 2017 - 18

S.No.	Department	No. of Staff availing 100% Concession	No. of Staff availing 50% Concession
Academic Departments			
1.	Applied Science & Humanities	05	16
2.	Civil Engineering	04	07
3.	Computer Science Engineering	02	09
4.	Electronics & Communication Engineering	01	12
5.	Electrical & Electronics Engineering	04	13
6.	Information Technology	01	03
7.	Mechanical Engineering	08	15
8.	Petroleum Engineering	01	02
9.	Computer Applications	-	-
10.	Management Science	02	06
11.	Training & Placement	01	01
12.	Diploma	-	08
Non Academic Departments			
1.	Administrative Office	02	02
2.	Exam Cell	-	02
3.	Library	-	01

7.3 Institutional Distinctiveness

The Institute strongly believed that Research plays a pivotal role for the success of the organization. At this juncture the Institute creates that ambience in the department. The following initiations are made by the institute:

- Encourage the faculty to join Ph.D. course

- On duty is provided for Ph.D. Scholars for attending Course Work, Seminars, Conferences and Workshops.

- Faculty members are encouraged to attend National/International Seminars

- Faculty members are motivated for applying various research projects (major/minor)

- The Research & Development Cell convened research oriented Guest Lectures & Workshops.

- The Research and Development Cell of the Institute always alert the faculty members about the predatory journals.

- The R&D Cells always forefront to disseminates the List of approved Journals (UGC Approved, Anna Annex – I & II, Scopus and SCI indexed) information for faculty members.