

Date: 01-11-2017

To  
The Director  
National Assessment and Accreditation Council (NAAC)  
PO Box No. 1075, Nagarabhavi  
Bangalore-560072

Dear Sir,

Sub: Submission of Annual Quality Assurance Report (AQAR) 2016-17 of ANITS  
Engineering College, Visakhapatnam-531162

Ref: This office letter dated 21.02.2014 regarding constitution of ANITS-IQAC

Greetings from ANITS Engineering College, Visakhapatnam-531162

ANITS Engineering College has been accredited by National Assessment & Accreditation Council (NAAC) with CGPA of 3.01 on four point scale at 'A' grade valid from 10.12.2014 and upto 09.12.2019.

I take this opportunity to once again sincerely thank your good self and all the officials of NAAC for their excellent co-operation and support extended to the institute during the entire process.


ANITS – IQAC

As per the guidelines of NAAC, an Internal Quality assurance Cell (IQAC) has been constituted under the chairmanship of Principal, ANITS as a post accreditation quality sustenance and enhancement measure. Dr. G. Raja Rao, Professor & HOD of E.E.E department has been nominated as Director of IQAC.


The institute has prepared the third Annual Quality Assurance Report (AQAR-2016-17) as per the prescribed guide lines. The AQAR report along with necessary enclosures is submitted herewith for kind information.

Kindly acknowledge the same and oblige.

With warm regards,

  
Dr. G. Raja Rao  
Director, IQAC



  
Dr. T.V. Hanumantha Rao  
Principal & Chairperson, IQAC  
Principal  
- Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam, Dist



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

## **Annual Quality Assurance Report (AQAR)**

**(2016-17)**

***Submitted by***

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (ANITS)  
(Autonomous)**

EC (SC)/04/A&A/16 dated 10-12-2014

Sangivalasa (PO), Bheemili (Mandal)

Visakhapatnam – 531162

Andhrapradesh

# NAAC

## VISION

*To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.*

## MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

## Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

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*Document revised by: Dr. Ganesh Hegde, Assistant Adviser and B. S. Ponmudiraj, Assistant Adviser, NAAC*

# **Guidelines for the Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions**

## **Introduction**

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence.

The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries.

## **Objective**

*The primary aim of IQAC is*

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

## **Strategies**

*IQAC shall evolve mechanisms and procedures for*

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- b) The relevance and quality of academic and research programmes;

- c) Equitable access to and affordability of academic programmes for various sections of society;
- d) Optimization and integration of modern methods of teaching and learning;
- e) The credibility of evaluation procedures;
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services;
- g) Sharing of research findings and networking with other institutions in India and abroad.

## **Functions**

*Some of the functions expected of the IQAC are:*

- a) Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution;
- b) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- c) Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters of higher education;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Development of Quality Culture in the institution;
- j) Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

## **Benefits**

*IQAC will facilitate / contribute*

- a) Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement;
- b) Ensure internalization of the quality culture;
- b) Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices;
- c) Provide a sound basis for decision-making to improve institutional functioning;
- d) Act as a dynamic system for quality changes in HEIs;

- e) Build an organised methodology of documentation and internal communication.

## **Composition of the IQAC**

IQAC may be constituted in every institution under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders.

The composition of the IQAC may be as follows:

1. Chairperson: Head of the Institution
2. A few senior administrative officers
3. Three to eight teachers
4. One member from the Management
5. One/two nominees from local society, Students and Alumni
6. One/two nominees from Employers /Industrialists/stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

The composition of the IQAC will depend on the size and complexity of the institution. It helps the institutions in planning and monitoring. IQAC also gives stakeholders or beneficiaries a cross-sectional participation in the institution's quality enhancement activities. The guidelines given here are only indicative and will help the institutions for quality sustenance activities.

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in every quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and Action Taken Reports are to be documented with official signatures and maintained electronically in a retrievable format.

It is necessary for the members of the IQAC to shoulder the responsibilities of generating and promoting awareness in the institution and to devote time for working out the procedural details. While selecting these members several precautions need to be taken. A few of them are listed below:

- ♦ It is advisable to choose persons from various backgrounds who have earned respect for integrity and excellence in their teaching and research. Moreover, they should be aware of the ground realities of the institutional environment. They should be known for their commitment to improving the quality of teaching and learning.
- ♦ It would be appropriate to choose as senior administrators, persons in charge of institutional services such as library, computer center, estate, student welfare, administration, academic tasks, examination and planning and development.
- ♦ The management representative should be a person who is aware of the institution's objectives, limitations and strengths and is committed to its improvement. The local society representatives should be of high social standing and should have made significant contributions to society and in particular to education.

## **The role of coordinator**

The role of the coordinator of the IQAC is crucial in ensuring the effective functioning of all the members. The coordinator of the IQAC may be a senior person with expertise in quality aspects. She/he may be a full-time functionary or, to start with, she/he may be a senior academic /administrator entrusted with the IQAC as an additional responsibility. Secretarial assistance may be facilitated by the administration. It is preferable that the coordinator may have sound knowledge about the computer, its various functions and usage for effective communication.

## **Operational Features of the IQAC**

Quality assurance is a by-product of ongoing efforts to define the objectives of an institution, to have a work plan to achieve them and to specify the checks and balances to evaluate the degree to which each of the tasks is fulfilled. Hence devotion and commitment to improvement rather than mere institutional control is the basis for devising procedures and instruments for assuring quality. The right balance between the health and growth of an institution needs to be struck. The IQAC has to ensure that whatever is done in the institution for “education” is done efficiently and effectively with high standards. In order to do this, the IQAC will have to first establish procedures and modalities to collect data and information on various aspects of institutional functioning.

The coordinator of the IQAC and the secretary will have a major role in implementing these functions. The IQAC may derive major support from the already existing units and mechanisms that contribute to the functions listed above. The operational features and functions discussed so far are broad-based to facilitate institutions towards academic excellence and institutions may adapt them to their specific needs.

## **Monitoring Mechanism**

The institutions need to submit yearly the Annual Quality Assurance Report (AQAR) to NAAC. A functional Internal Quality Assurance Cell (IQAC) and timely submission of Annual Quality Assurance Reports (AQARs) are the Minimum Institutional Requirements (MIR) to volunteer for second, third or subsequent cycle’s accreditation. During the institutional visit the NAAC peer teams will interact with the IQACs to know the progress, functioning as well quality sustenance initiatives undertaken by them.

The Annual Quality Assurance Reports (AQAR) may be the part of the Annual Report. The AQAR shall be approved by the statutory bodies of the HEIs (such as Syndicate, Governing Council/Board) for the follow up action for necessary quality enhancement measures.

The Higher Education Institutions (HEI) shall submit the AQAR regularly to NAAC. The IQACs may create its exclusive window on its institutional website and regularly upload/ report on its activities, as well as for hosting the AQAR.



The NAAC Accredited institutions need to submit only the soft copy as word file (.doc/.docx) through e-mail ([naac.aqar@gmail.com](mailto:naac.aqar@gmail.com)). The file name needs to be submitted with Track ID of the institution and College Name. For example MHCOGN16601-Samudra Arts and Science College, Taliamegu-Maharashtra.doc or EC\_32\_A&A\_143 dated 3-5-2004-Samudra Arts and Science College, Taliamegu-Maharashtra.doc. The Higher Education Institutions need not submit the printed/hard copy to NAAC. The acknowledgements would be sent to the institutions through e-mail.

## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

### Part – A

#### I. Details of the Institution

1.1 Name of the Institution

Anil Neerukonda Institute of Technology and Sciences

1.2 Address Line 1

Sangivalasa

Address Line 2

Bheemunipatnam (Mandal)

City/Town

Visakhapatnam (District)

State

Andhra Pradesh

Pin Code

531162

Institution e-mail address

[principal@anits.edu.in](mailto:principal@anits.edu.in)

Contact Nos.

08933-225083, 225084

Name of the Head of the Institution:

Prof. T. V. Hanumantha Rao

Tel. No. with STD Code:

08933-225083, 225084, 226131

Mobile:

7330789892, 7330789893

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:   
(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.01	10-12-2014	09-12-2019

1.7 Date of Establishment of IQAC: DD/MM/YYYY

1.8 AQAR for the year (for example 2010-11)

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2014-15 submitted to NAAC on 10/06/2016
- ii. AQAR 2015-16 submitted to NAAC on 17/09/2016

1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Andhra University  
Visakhapatnam - 530 003

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="5"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="-"/>
2.4 No. of Management representatives	<input type="text" value="-"/>
2.5 No. of Alumni	<input type="text" value="-"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="-"/>
2.8 No. of other External Experts	<input type="text" value="3"/>
2.9 Total No. of members	<input type="text" value="9"/>
2.10 No. of IQAC meetings held	
2.11 No. of meetings with various stakeholders:	
No.	<input type="text" value="3"/>
Faculty	<input type="text" value="1"/>
Non-Teaching Staff	<input type="text" value="-"/>
Students	<input type="text" value="-"/>
Alumni	<input type="text" value="-"/>
Others	<input type="text" value="-"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text"/>

## 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total No.  International  National  State  Institution Level

(ii) Themes

- A work shop on “Drone Technology”.
- A work shop on “Advanced Android APP Development”.
- Work shop on “Cyber Security and Ethical Hacking.
- A Seminar on “Tips to prepare for campus placements and Infosys Training”
- Awareness Programme on “Environmental Challenges and Strategies”.

## 2.14 Significant Activities and contributions made by IQAC

- Administrative Academic Audit (AAA) committee interact with all the departments for maintaining and sustaining quality education as directed by IQAC.
- Introduced MOODLE and e-learning software.
- Enhancement of research activities.
- Initiation of student clubs.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

S. No.	Plan of action	Action taken
1	Organize FDP and training to newly recruited faculty	Organized training and FDP by NITTR faculty and other experts from renowned academic institutions.
2	Organize at least one national level programme in a year	Each department has organized at least one conference once in a year.
3	To see that more number of students register for various professional bodies and take part in activities organized by the bodies.	Several students have registered for professional bodies and won prizes in the activities conducted within and outside the college.

2.16 Whether the AQAR was placed in statutory body

Yes

No

Management

Syndicate

Any other body (IQAC Cell)

Provide the details of the action taken

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	6		-	
PG	5	-	5	-
UG	7	-	7	-
PG Diploma	-	-		-
Advanced Diploma	-	-		-
Diploma	-	-		-
Certificate	-	-		-
Others	-	-		-
<b>Total</b>	18		12	
Interdisciplinary				
Innovative				

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	UG – 07, PG - 05
Trimester	-
Annual	-

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure – Attached Feedback forms from stakeholders separately*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- In the year 2016-17, New Regulations and Syllabi were drafted under Autonomous Regulations – 2015.
- The Autonomous syllabi is prepared based on Outcome Based Education (OBE);

1.5 Any new Department/Centre introduced during the year. If yes, give details.

- Incubation Centre – where students are encouraged to model their ideas and to discuss among themselves on product development programs.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
243	206	14	23	-

2.2 No. of permanent faculty with Ph.D.

46
----

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
39	0	1	16	6	3	2	0	48	19

2.4 No. of Guest and Visiting faculty and Temporary faculty

01	01	0
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	21	92	-
Presented papers	31	29	-
Resource Persons	11	4	3

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Introduced outcome based curriculum.
- Academic flexibility by providing choice of courses and credits.
- Interdepartmental Student Project works.
- Incubation centre for Mini Projects.
- Continuous Internal Evaluation – Quizzes, Tests.
- Established laboratories.
- Recognition to innovative and creative contributions by the faculty and students.
- E-learning resources in Digital Library for students/faculty.(MOODLE)
- Blended MOOCs.
- Enhanced Industrial Visits.
- Sharing the experiences of industrial and academic experts in the form of guest lectures and practical demonstrations.
- Project Exhibition – Best Project Awards.
- Research & Innovation Centre for promotion of Research.
- Soft Skills and aptitude training as a part of CRT.

2.7 Total No. of actual teaching days during this academic year

180
-----



2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Bar coding for semester end examinations.
- Two MID term examinations during each semester.
- Quiz Tests.
- Class Test using online multiple choice questions.
- End Semester Examinations.
- Double Valuation for End Semester Examinations (Valuation-1 by External Faculty, Valuation -2 by Internal faculty) under autonomous regulations.
- Question paper setters from various premium Institutes with multiple sets.

2.9 No. of faculty members involved in curriculum structuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

84	130	87
----	-----	----

2.10 Average percentage of attendance of students

81
----

2.11 Course/Programme wise distribution of pass percentage:

**Under Graduate**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Civil	66	59.09	15.90	25	0	66.67
CSE	121	30.57	43.8	11.57	0	86
ECE	139	35.25	47.48	1.4	0	84.17
IT	51	19.61	54.90	7.84	0	82.35
EEE	144	29.86	47.22	1.38	0	78.50
Mechanical	141	40	57	0	0	69.00
Chemical	53	14	10	01	0	47

**Post Graduate**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Computer Science and Information Technology(CSIT)	12	33.33	41.66	0	0	75
Communication Systems (CS)	6	50.00	16.6	0	0	66.66
Control Systems (CS)	11	36.36	45.45	9.09	0	90.90
Machine Design (MD)	11	81.81	9.09	0	0	90.90

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Administrative Academic Audit (AAA) committee interact with all the departments for maintaining and sustaining quality education as directed by IQAC.
- Feedback forms will be taken twice in a semester from the students.
- Improvement in teaching and learning processes are monitored by academic audit committee of IQAC.

- Conduct FDP for newly appointed faculty.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	62
UGC – Faculty Improvement Programme	14
HRD programmes	12
Orientation programmes	10
Faculty exchange programme	-
Staff training conducted by the university	13
Staff training conducted by other institutions	25
Summer / Winter schools, Workshops, etc.	51
Others	10

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	16	0	0	0
Technical Staff	38	2	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- A Research committee comprising one faculty coordinator from each department and headed by director (R& D) is initiated.
- Creating awareness among faculty about various research schemes through Research and Development cell.
- Faculty are encouraged to submit research projects to various funding agencies like AICTE, DST, SERB and UGC etc.
- Faculty are encouraged by providing weightage in appraisal system for research papers published in reputed journals and ongoing Projects sanctioned by various funding agencies.
- Financial assistance to faculty for presenting technical papers in National/International Conferences and participation in workshops.
- Promoting research seminars at department level.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	0	0
Outlay in Rs. Lakhs	9	12.39	0	0

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	0	2	0
Outlay in Rs. Lakhs	18.15	0	5.24	0

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	47	1	0
Non-Peer Review Journals	35	0	0
e-Journals	0	0	0
Conference proceedings	33	29	0

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor projects	2016-17	UGC	2.14 Lakhs	-
	2016-17	UGC	3.10 Lakhs	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Any other(Specify)	2016-17	AICTE Travel Grant	1.5 Lakhs	-
		MODRBOS	12.0 Lakhs	
Total	-	-	18.74 Lakhs	

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	----	----	----	----	----
Sponsoring agencies	----	----	----	----	----

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in Lakhs:

From funding agency	<input type="text" value="18.74"/>	From Management of University/College	<input type="text" value="10.00"/>
Total	<input type="text" value="28.74"/>		

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
17	5	4	0	8	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

S. No	Event	Date	Participants
1	National Blood donation camp	11-08-2016	55
2	Vanam Manam	13-08-2016	15
3	AIDS rally	01-12-2016	85
4	Fund collection	18-12-2016	08
5	SWATCH ANITS	20-12-2016	50
6	The role of youth in social service for a better nation	27-01-2016	200
7	NRI Medical camp	05-03-2017	170
8	Fund collection	08-03-2017	08

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	12 acres	-	Management	12 acres
Class rooms	62	4	Management	66
Laboratories,	51	7	Management	58
Seminar Halls	4	1	Management	5
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	15	10	Management	25
Value of the equipment purchased during the year (Rs. in Lakhs)	618.34	76.32	Management and UGC	694.66
Others (Rs. in Lakhs)				-

#### 4.2 Computerization of administration and library

- Automation with bar coding.
- Libsys with OPAC software.
- Total 25 nos. of computers for student/faculty to access.
- Printer with Xerox for student/faculty access.
- Internet facility with 100 Mbps band width speed.
- Electronic Resource Management Package for e-journals.
- In-house remote access to e-publications.
- Digital library.
- Library website <http://www.anits.edu.in/library.php>

#### 4.3 Library services: (Central Library)

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	26693	66,41,628	2515	18,27,001	29208	84,68,629
Reference Books	8025	26,92,296	78	3,93,010	8103	22,99,286
e-Books	-	-	-	-	-	-
Journals	99	2,01,725	99 Renewed 03 added	1,99,499	102	4,01,224
e-Journals	664	18,64,790	656 Renewed	19,56,165	656	38,20,955
Digital Database J-GATE & DELNET	01	70,300/-	01	16,500/-	02	86,800/-
CD & Video	2432	-	109	-	2541	-
Others (specify) Bound Volumes	582	-	-	-	582	-
Project Reports	399	-	105	-	504	-
Book Bank	399	-	299	-	698	-

NPTEL Videos	3500	-	1050	-	4550	-
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#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	748	21	100 mbps	1			7	-
Added	163	5	-	-	-	-	-	-
Total	911	26	100 mbps	1			7	-

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- The campus is Wi-Fi. with 24x7 Internet facility in all Departments, Hostels and centralized computer laboratories.
- The Computer with internet access is provided to all the faculty members.
- The Classrooms, seminar halls, conference halls, Auditoriums are equipped with LCD Projectors and other accessories.
- The entire office works are executed using computers.

#### 4.6 Amount spent on maintenance in Lakhs:

i) ICT	5.85
ii) Campus Infrastructure and facilities	3.24
iii) Equipments	28.59
iv) Others	9.19
<b>Total:</b>	<b>46.87</b>



## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Entire College information is provided in college website ([www.anits.edu.in](http://www.anits.edu.in))
- Student's feedback system: to obtain feedback on teaching, course work and various academic activities.
- Training & placement assistance through Training and Placement cell.
- Conducting seminars/guest lectures and workshops.
- Special classes were also conducted for academically poor students to avoid the dropouts.
- National Service Scheme (NSS) Cell: to encourage students to engage in community development activities.
- Arrangement of Industrial Visit to enhance practical knowledge.

#### 5.2 Efforts made by the institution for tracking the progression

- Student's attendance report is regularly checked by the Class Teacher/H.O.D/ Principal and shortage of attendance is informed to their parents through phone calls and letters.
- Proctor System: Each student is assigned to a faculty advisor (Proctor), who keeps track of academic progress of the students. Counselling is being done to the needy.
- Class teacher is allocated for each class in each programme to monitor and counsel the students.
- Parents are invited at least once in a year to discuss the progress of their wards.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3715	49	11	0

#### (b) No. of students outside the state

18
----

#### (c) No. of international students

--
----

Men	No	%	Women	No	%

Last Year (2015-16)						This Year (2016-17) (UG + PG)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1078	382	112	1826	6	3404	1124	432	112	2096	3	3764

Demand ratio: Since the admission is through a common entrance test at state level, it is not possible to express the demand ratio. However through various surveys conducted by independent organizations, it is a well known fact that the college stands at 2<sup>nd</sup> position among the private engineering colleges in Andhra Pradesh and is the most preferred college by the student community.

Dropout % < 1

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Campus Recruitment Training (CRT) classes on soft skills and aptitude is conducted for pre final and final year students to make them prepare for all campus exams and also competitive exams.
- Special focus on GATE topics along with the regular classes.
- GATE material is placed in the department library for ready reference.

No. of students beneficiaries

All the students get benefited in one way or other

#### 5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text" value="22"/>	CAT	<input type="text" value="1"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="22"/>

#### 5.6 Details of student counselling and career guidance

- Guidance was given in preparing for the exams tackling numerical problems. Counselling was also given for personality development and facing the interviews.
- Every faculty member is assigned with 15 students who acts as their mentor and keeps continuous monitoring of their attendance and academic performance through the four year span.
- Career guidance is provided by a team of members who are part of Training and Placement cell.
- Grievance Redressal committee is formed in order to expedite the Redressal of grievance.
- Women Nodal Officer: The Nodal Officer is nominated who will investigate into the matter and initiate appropriate remedial measures in case of any woman related issue. This is to create confidence among the girl students to report against eve teasers, by their classmates, seniors, etc..

No. of students benefitted

All the students get benefited in one way or other.

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
42	504	444	NA

#### 5.8 Details of gender sensitization programmes

-

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	1766	Rs. 6,84,00,916/-
Financial support from other sources	10	Rs. 1,00,000/-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

### 5.13 Major grievances of students (if any) redressed:

- Transport facility is provided for the students who are staying beyond college timings for clarification of doubts along with concerned faculty.

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

##### **Vision**

ANITS envisions to emerge as a world-class technical institution whose products represent a good blend of technological excellence and the best of human values.

##### **Mission**

To train young men and women into competent and confident engineers with excellent communicational skills, to face the challenges of future technology changes, by imparting holistic technical education using the best of infrastructure, outstanding technical and teaching expertise and an exemplary work culture, besides molding them into good citizens.

#### 6.2 Does the Institution has a management Information System

- The institute maintains data base of the overall financial transactions. It maintains the department wise financial details like – budget proposals, budget sanctioned and so far expenditure etc. Reports are generated whenever necessary and further actions are initiated accordingly.

#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

##### 6.3.1 Curriculum Development

- To fulfil the needs of the industries the technical education which plays a vital role has to be improved in quality. As a first step in this direction, the curriculum pertaining to first and second years were modified. This was accomplished in the newly framed syllabus under Autonomous pattern. This procedure will be further extended for III and IV year syllabus in the coming years.
- Every year Board of Studies (BOS) and Academic Council meetings are held to make the up gradation of the syllabus to fulfil the needs of the industries.
- Faculty members collect student feedback through on line.
- Feedback from the alumni is also collected through regular interactions. Advices and suggestions of eminent academicians and industry personals are also recorded and considered during their visit to the institution on various occasions.

##### 6.3.2 Teaching and Learning

- Faculty Development Programmes are regularly arranged for new entrants.
- Faculty seminars are being organized in departmental level to share the knowledge.
- Class Review Committee meetings held twice in a semester play a vital role in assessing the quality of teaching learning process in all the subjects of that semester. A follow up action is initiated wherever necessary.
- Academic monitoring committee is instituted to have overall review of all the academic related matters and more importantly on teaching and learning process. The AMC meets periodically to review the comments made in CRC meetings and gives suitable suggestions/remedial measures to improve the level of teaching.
- LCD projectors are arranged in class rooms to present the demo/working models and power point presentations wherever required to enhance the learning capabilities of the students.
- Facilitating internship during semester breaks.
- Industrial/Site Visits.
- Workshops/ Guest lecturers/seminars by Industrial persons on Current Trends/Technology.
- Central Library provides various facilities like NPTEL videos, e-books and CD& video etc. to the faculty/students to enhance their teaching and learning skills.

### 6.3.3 Examination and Evaluation

- The college has an examination cell headed by the Principal and a coordinator of Examinations to facilitate the smooth conduct of MID-TERM and Semester End Examinations under autonomous status in accordance with university guidelines.
- Quizzes are being conducted periodically for continuous evaluation by the individual departments.
- Assignments are being given to students in innovative ways to stimulate their thinking.
- Continuous evaluation is being carried on for the laboratory courses.
- Continuous evaluation for the laboratory examinations.
- End-semester examinations are conducted by the college under autonomous status and evaluation done by the college by conducting two evaluations. First evaluation by internal faculty and second evaluation by external faculty and the difference should not be exceeded by 12 marks.

### 6.3.4 Research and Development

- The college research committee comprising one faculty coordinator from each department and headed by director (R& D) meets at regular intervals to update the progress of research in the departments.
- The college is recognized by the university as a research centre where scholars can register either for full time or part time research program.
- The faculty are encouraged to pursue their Doctorial programmes in wide areas of engineering.
- The faculty are encouraged to apply for research/consultancy projects to different funding agencies.
- The faculty are encouraged to publish their papers in reputed National/International Journals/Conferences.
- Deputation of faculty to pursue their doctoral program with full pay.
- Encouraging the students to come out with best projects at UG/PG level..

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Central library contains large volume of books, journals, e-books, and e-journals etc.
- The students are provided with a library period in their weekly time table in order to enhance knowledge. Apart from this, the library is kept open from 8.00 A.M. to 7.00 P.M. on week days. The ICT facilities deployed in the library includes the following:
  - Automation with bar coding
  - Libsys with OPAC software
  - Total 30 nos. of computers for public access.
  - Total 01 no. of printer with Xerox for public access.
  - Internet facility with 100 Mbps band width speed.
  - Electronic Resource Management Package for e-journals
  - In-house remote access to e-publications
  - Digital library
  - Library website <http://www.anits.edu.in/library.php>
- Every department has individual departmental library with internet connection.
- Every department has provided with teaching and learning ICT tools like LCD projectors, computers with internet connection.
- Renovation of play ground, constructing of indoor stadium and gym facilities.
- Construction of new block for First year of all the branches.
- Some of the laboratories are up graded under MODROBS.
- Equipments are procured to conduct experiments beyond that specified by curriculum.

### 6.3.6 Human Resource Management

- Self Appraisal system is in place to assess the performance of the faculty in both academic and administrative duties.
- Guest lecturers /departmental seminars from reputed personalities are being conducted regularly to improve the knowledge levels.
- The management sees that adequate human power is maintained at all levels of work distribution.

### 6.3.7 Faculty and Staff recruitment

- The institute has a well-defined recruitment policy for faculty and staff.
- All the departments communicate their requirements to the Principal sufficiently before the commencement of a new academic year. Advertisement is published through regional and national news papers along with college website. Eligible candidates are called for interview after scrutinizing the applications.
- A committee comprising the Principal, the concerned H.O.D., senior faculty members, and external experts conducts the demonstration and/or interview.
- Outstanding candidates are provided with higher pay.
- The qualification, eligibility criteria, pay and pay scale are as per AICTE (Faculty) and State Government norms.

### 6.3.8 Industry Interaction / Collaboration

- Guest lecturers/seminars by eminent industrial experts are organized at regular intervals.
- Students are always motivated to take up projects related to industry. This improves the student's understanding of the theoretical concepts they learn in class rooms.
- As a part of the curriculum it is mandatory for the students to undergo three weeks industrial training during summer vacation after III year of B.Tech programme. This is followed up by a Viva-voce to evaluate the student.
- Industrial visits by the students/faculty.

### 6.3.9 Admission of Students

- The students are admitted for under graduate programmes through state level exam 'AP-EAMCET'
- Post graduate programmes through GATE/AP-PGCET
- Candidates seeking admission through Management quota have to fulfill the norms stipulated by the AICTE/State government.
- The Admissions are made in transparent and fair manner.

### 6.4 Welfare schemes for

Teaching	EPF, Family Health Insurance & Free Medical check up at NRIIMS
Non teaching	ESI, EPF, Family Health Insurance & Free Medical check up at NRIIMS
Students	Free medical assistance is available round the clock in NRIIMS Hospital, which is a part of ANES.

6.5 Total corpus fund generated

65 Lakhs

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	IQAC Chairman
Administrative	No		Yes	IQAC Chairman

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes

For PG Programmes

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- OMR sheets, bar coding, review/moderation, double evaluation (Internal and External), and sets of question papers from external sources etc.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association

- Alumni meet is organized every year. Alumni suggestions are considered for planning of future programmes for overall development.
- They also involve in activities like conducting training programmes, seminars and workshops..

6.12 Activities and support from the Parent – Teacher Association

- Parents are called for meeting regarding student progress. Student’s progress and attendance records are sent to parents twice in each semester. Suggestions are also received from the parents for the improvement of student teacher interaction and enhancement of academic environment in the institution.
- Parent’s feedback is collected in the middle of the four year course work to gather information on the strategies to be adopted to improve their ward’s progress.

6.13 Development programmes for support staff

- Periodical training programmes are arranged for supporting staff to improve their technical and/or communication skills.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Regular cleaning of the surroundings of the department is taken up to improve the overall hygiene and cleanliness.
- Tree plantation in and around the campus.

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The following best practices have been there and continuing in the institution.

- Faculty development program for newly recruited faculty member during the first week of every academic year.
- Introduction of proctor system.
- Incubation Centre – students are encouraged to take product development programs.
- Soft skills and analytical skills training for campus recruitment.
- Conduct of mock interviews and guidance in resume preparation.
- Extra/remedial classes for academically weak students.
- Encouraging students to visit nearby industries.
- Encouraging students to publish papers.
- SIG (Special Interest Group) - This is introduced to enable every faculty to do research and frequent seminars and workshops are conducted on various new topics.
- Certification programs conducted for both students and faculty.
- Various events are conducted under ANITS CSI (Computer Society of India) Student branch.
- Various events are conducted under ANITS IE (I) (Institute of Engineers, India) and ISTE Student branch.
- E-class room – we conduct number of training programs both for students and faculty on revenue share basis.
- Cash incentives are given to the faculty for publication of research papers in peer reviewed journals.
- Gold medals for university and institute toppers for department wise
- Institution level Best Teacher Award.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The details of plan of Action and Action Taken Report are provided in a table at 2.15 above.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Pure 22 crt. Gold medals to individual branch toppers.
- Institution of Best Teacher Award.

7.4 Contribution to environmental awareness / protection

- Avenue Plantation has been taken up on large scale to enhance greenery in the campus.

7.5 Whether environmental audit was conducted?      Yes       No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOT analysis has been done and necessary corrective actions are planned. The head of the institution monitors regarding implementation of these at regular intervals.



## 8. Plans of institution for next year

- At the start of the Academic year, every department prepare its own academic planner and submits it to the principal. It is seen that all the activities mentioned in the academic planner are completed.

Name: **Prof. G. Rāja Rao**

HOD, EEE Dept.

Signature of the Coordinator, IQAC

Name: **Prof. T. V. Hanumantha Rao**

Principal

Signature of the Chairperson, IQAC

\*\*\*

### Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

## Annexure I

### Details Regarding Major Projects

S. No	Department	Name of the Faculty	Project Title	Details		
				Agency	Date of Sanction	Amount in Lakhs
1	Chemical	Dr. P. Mary Anupama	Optimization of production parameters, extraction and characterization of a medicinally important drug Violacin by solid state fermentation	UGC	January 2015	12.39
2	ECE	Dr. K. Murali Krishna	Development Of Computer Based Inspection System For Leather Surface Defects Identification And Classification	AICTE	Feb 03,2012	9 Lakhs

### Details Regarding Minor Projects

S. No	Department	Name of the Faculty	Project Title	Details		
				Agency	Date of Sanction	Amount in Lakhs
1	Civil	Dr. B.N.D. Narsinga Rao	Fly Ash Utilization in Geotechnical Engineering Applications	UGC	29-06-2017	3.1
2	English & Humanities	Dr. A.A Vijaya Jyothi	Re-examining the dilemma's of Émigré communities in Indian Society with reference to Novels of Mamang Dai, Esther David, Umakanta Sarma and Allan Sealy	UGC	30.06.2017	2.14
3	Chemistry	Mr. M. Kalyana Chakravarthy	Micellar Effects on some Electron Transfer reactions	UGC	March, 2014	4.30
4		Mrs. R. Sarada	Synthesis, characterization of novel acridines/acridine diones employing Nano catalyst and their potential applications as NLO materials	UGC	January, 2015	2.50
5		Mr. R. Soma Sekhar	Synthesis, Characterization and Photo Catalytic Applications of Nano Titania	UGC	January, 2015	1.80
6	Physics	Mr. Viswarupa Chary	Effect of various dopents on electrical properties of certain Ferroelectric materials for device applications	Agency UGC	April 2014	4.45
7	Mechanical	Dr N.Indra Kiran	Day National Seminar in "Recent Trends in Mechanical Engineering" on 14th March,2015	DST	2014	0.50
8		Dr K.Siva Prasad	"Investigations on Pitting Corrosion Rates of Pulse D Current Micro Plasma Arc Welded Austenitic Stainless Steels"	UGC	2014	4.60

## Annexure II

### Details Regarding Journal Publications

S. No	Name of the Faculty	Dept.	Name of the Journal	Title of the Paper Published	Type of Journal/Publication details	Impact Factor	SCOPUS/WOS/SCI	h-Index
1	KS Deepthi	CSE	International Journal of Computer Applications (IJCA)	Automatic Key Term Extraction From Research Article Using Hybrid Approach	International Vol-166,No-6, May 2017	0.75	Google Scholar	
2	Dr.R.Sivaranjani	CSE	Informatics - An International Journal of Computing and Informatics	Identity-based Sign crypton Group key Agreement Protocol Using Bilinear Pairing	International Volume. Issue: 41.1, Mar2017	0.91	Scopus	
3	G. Gayathri	CSE	International Journal of Computer Science and Information Technology	Secure Data Transfer and Avoidance of Forgery attacks	International Vol.8(1)		Google Scholar	4
4	T. Anitha	CSE	International Journal of Computer Science and Information Technology	Secure Data Transfer and Avoidance of Forgery attacks	International Vol.8(1)		Google Scholar	4
5	Pritee Parwekar	CSE	International Journal of Advanced Intelligence Paradigms. INDERSCIE NCE JOURNAL.	Prolonging the Network life in Wireless Sensors Network - using Refined Region of Interest (RROI)",	International		Scopus	
6	Pritee Parwekar	CSE	Journal of Global Information Management (JGIM)	Mobile Sink as Checkpoints for Fault Detection towards Fault Tolerance in Wireless Sensor Networks", ACCEPTED ,	International	0.424	SCI	
7	Dr.S.C.Satapathy	CSE	Journal of Medical Imaging and Health Informatics	Otsu Multi thresholding and active contour snake model to segment dermoscopy	International	1.7	SCI	13

				images				
8	Dr.S.C.Satapathy	CSE	Journal of Medical Imaging and Health Informatics	Segmentation of Breast Thermal Images using Kapurs Entropy and Hidden Markov random field	International	1.7	SCI	13
9	Dr.S.C.Satapathy	CSE	Complex and Intelligent Systems	Social group optimization (SGO): a new population evolutionary optimization technique	International			13
10	Dr.S.C.Satapathy	CSE	Journal of Computational Science	Optimizing Feature Selection in Video-based Recognition using Max-Min Ant System for the Online Video Contextual Advertisement User-Oriented System	International Volume 17,		Scopus	13
11	Dr.S.C.Satapathy	CSE	Journal of Global Information Management (JGIM)	Robust Watermarking of Polygonal meshes based on Vertex norms variance distortion	International	0.424	SCI	13
12	Dr.S.C.Satapathy	CSE	The Natural Computing Applications	Multi-level Image Thresholding using Otsu and Chaotic Bat Algorithm	International			13
13	Dr.S.C.Satapathy	CSE	Neural Computing and Networks	Social Group Optimization for Global Optimization of Multimodal Functions and Data Clustering Problems	International Volume 27, Issue 8	2.505	SCI	13
14	ANR Latha Kumari	CSE	International Journal of Science and Research(IJSR)	Personalised Image Search using Ontological Knowledge base User Profiles and	International Volume 5, Issue 8, Aug 2016	6.319	Scopus	

				Ontology Mining				
15	G. Pranitha	CSE	International Journal of Science and Research(IJSR)	Personalised Image Search using Ontological Knowledge base User Profiles and Ontology Mining	International Volume 5, Issue 8, Aug 2016	6.319	Scopus	
16	G. Jagadish	CSE	International Journal of Computer Applications (IJCA)	Investigation and Analysis of Location based Authentication and Security Services of Wireless LAN's and Mobile Devices	International Volume 146- No.8, July 2016	0.75	Google Scholar	
17	I.S.L Sarwani	IT	IJCA	Comparative analysis of ID3 and Naive Bayes Algorithm on stock market prediction	International	3.1524	--	--
18	Prasadu Reddi	IT	IJDCST	Rapid algorithm for extraction of strong association rules from RDBMS	International	--	--	--
19	Dr. G. Srinivas	IT	IJCTA	An automated Brain MRI image segmentatonusin g generic algorithm and TLBO	International	4.080	Scopus	1
20	Prasadu Reddi	IT	IJACIS	Encrypting the data in cloud computing	International	1.14	--	--
21	R.Sarada	Chemistry	International Journal of science and Technology	Synthesis of 5-Methyl 2-mercapto benzimidazole Capped Silver Nanoparticles via chemical reduction method & Study of their biological properties vol.35(1),2162-2170,2016.	International	1.00	Yes	
22	R.Sarada	Chemistry	Asian Journal of Chemistry	Catalytic application of synthesised capped silver nano particles for	International	0.24	Yes	

				reduction of P-Nitro Aniline, 2017,29,62-64				
23	K.B.S.S.Rama Krishna, S.Bharath Babu, Dr.B.Naga Raju, & Dr.K,Siva Prasad	Mechanical	Journal of Recent Trends in Mechanics	Experimental Investigation on Tensile and damping Properties of Flyash Reinforced Glass Fiber Epoxy Composites	International	-	-	-
24	Dr. Kondapalli Siva Prasad	Mechanical	Journal of Mechanical and Mechanics Engineering	Effect of pulsed Current Micro Plasma Arc Parameters on weld bead geometry of AISI 316Ti Austenitic stainless Steel	International	-	-	-
25	M.Prasanth Kumar	Mechanical	International Journal of Mechanical Engineering and Technology	Performance Study on Asymmetric FLD Using Coatings	International	-	SCOPUS	-
26	G.Uma Maheswara Rao	Mechanical	Journal of Mechanical and Mechanics Engineering	Effect of Machining Parameters on Cutting Forces in Step Turning Process	International	-	-	-
27	G.Naresh	Mechanical	International Journal of Mechanical Engineering & Computer Applications	Optimization of Machining Parameters In Milling of AA 64430 with Its AMC	International	-	-	-
28	Dabbiru Vijay Akash Dr. Kondapalli Siva Prasad	Mechanical	Journal of Automation and Automobile Engineering	Fatigue Analysis of Friction Welded Stringer Panel of an Aircraft Wing	International	-	-	-
29	Dr. Kondapalli Siva Prasad	Mechanical	Journal of Advancement in Machines	Design and Analysis of Helical Gear with Involute Profile	International	-	-	-
30	K.Satyanarayana, S.Phani Kumar, M.S.S.Srinivasa Rao	Mechanical	International Colloquium on Materials, manufacturing and Metrology	Thermo – Structural Finite Element Analysis of I.C.Engine Pistons	International	-	-	-
31	Chinthada Manikantaeswar Rao, Gudla Pavani,	Mechanical	Journal of Materials & Metallurgical Engineering	Review on Application of Utility Poles for Power	International	-	-	-

	Kondapalli Siva Prasad			Transmission				
32	Kondapalli Siva Prasad	Mechanical	Journal of Materials & Metallurgical Engineering	Effect of Pulse Current Micro Plasma Arc Welding Parameters on Pitting Corrosion Rate of AISI 316Ti Sheets in 3.5 N NaCl Medium	International	-	-	-
33	S.Bharat Babu, Dr.B.Naga Raju, K.Naresh Kumar	Mechanical	International Advanced Research Journal in Science Engineering and Technology	Experimental Investigation on Tensile and damping Properties of Flyash Reinforced Glass Fiber Epoxy Composites	International	-	-	-
34	Gudla Pavani, Chinthada Manikanteswar Rao, Kondapalli Siva Prasad	Mechanical	Journal of Advancement in Robotics	Review on Metal Bellows Used in Expansion Joints	International	-	-	-
35	M.Sailaja	Mechanical	Journal of Thin Films Science Technology and Application	Investigation on Effect of Cutting Forces and Surface Finish in Plain Milling Using Box Behnken Design	International	-	-	-
36	Geetha Chandra Sekhar, Rajesh Ghosh,Naresh Gurjarapu & Venkata Raghavendra Rao Jayanthi	Mechanical	Journal of Automobile Engineering and Application	Thermo – Structural Analysis of I.C.Engines Piston	International	-	-	-
37	A P S V R Subramanyam, J.Madhukiran, G.Naresh, and Dr.S.Madhusudhan	Mechanical	International Journal of Advised Science and Technology.	Fabrication and Characterization of A1356.2 Rice Husk Ash and Fly Ash Rainforced Hybrid Metal Matrix Composite	International	-	-	-
38	Mr.J.Bhaskara Rao	ECE	International Journal of Engineering, Transactions: B	Estimation of Roughness parameters of a surface using different image enhancement techniques	International	SJR 0.28	Scopus Indexed	11
39	Dr.V.Rajyalakshmi	ECE	International Research journal ARPN	Textile Antenna With Z Shaped EBG Structure for SAR	International	SJR 0.2	Scopus Indexed	15

			Journal of Engineering and Applied sciences	Reduction				
40	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Sagnac Effect and SET Error based Pseudorange Modeling for GPS Applications	International	SJR 0.27	Scopus Indexed	29
41	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Fast Acquisition of GPS Signal using FFT Decomposition	International	SJR 0.27	Scopus Indexed	29
42	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Modified Kalman Filter for GPS Position Estimation over the Indian Sub Continent	International	SJR 0.27	Scopus Indexed	29
43	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Orthogonal Decomposition Algorithm for Ionosphere Delay Estimation for Precise GPS Applications	International	SJR 0.27	Scopus Indexed	29
44	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Performance Analysis of Hyperbolic Multilateration Using Circular Error Probability	International	SJR 0.27	Scopus Indexed	29
45	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	A Robust GPS signal Acquisition Technique using Discrete Wavelet Transform	International	SJR 0.27	Scopus Indexed	29
46	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	TDOA measurement based GDOP analysis for radio source localization	International	SJR 0.27	Scopus Indexed	29
47	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science Journal	Unknown radio source localization based on a modified closed form solution using TDOA measurement technique	International	SJR 0.27	Scopus Indexed	29
48	Mr.L. Ganesh	ECE	Elsevier Procedia Computer Science	Expectation Maximization based image fusion algorithm	International	SJR 0.27	Scopus Indexed	29



			Journal	for detection of Underwater targets from SONAR images				
49	Dr. K.Ranga Rao	ECE	International Journal of Applied Engineering Research	Optimization of Parameters for ISAR imaging using MDCFT algorithm and its comparison with Gabor transform	International	SJR 0.15	Scopus Indexed	13
50	Dr. K.Ranga Rao	ECE	International Journal of Applied Engineering Research	Comparison of various Algorithms for RD, RID and RIC methods using ISAR imaging	International	SJR 0.15	Scopus Indexed	13
51	Dr.Serwani V. Swamy & Ms. A.A. Vijaya Jyothi	English & Humanities	Research Journal of English Language and Literature(RJ ELAL)	Re-Inventing Selfhood And Re- Fashioning Culture In Chitra Banerjee Divakaruni's The Vine Of Desire	A Peer Reviewed (Refereed) International Journal September, 2016	Impact factor: 5.002	Indexed Copernicus Value: 75.87.	
52	K Rekha, Dr. Rama Naga Hanuman Alapati	English & Humanities	Research Journal of English Language and Literature (RJELAL)	Existential Dilemma: A Study Of Upamanyu Chatterjee's English, August: An Indian Story	A Peer Reviewed (Refereed) International Journal (July-Sept.) 2016 Vol.4.Issue 3. 2016	Impact factor: 5.002	Indexed Copernicus Value: 75.87	
53	Ms. B. Ramya Devi & Ms. B. Lalitha Devi	English & Humanities	ELT Voices- International Journal for Teachers of English	Teaching Phonemic Symbols in English with the Help of Content Based Instruction at Tertiary Level	International Journal July, 2016 ISSN Number: 2230-9136 Volume (6), Issue (5), 1-7 (2016)		Nil	
54	Ms. A. Vijaya Jyothi & Ms. G.Serwani V. Swamy	English & Humanities	Language in India,	Honing English Speaking Skills in Engineering Students: An Empirical Study Based on Self-perception	International Journal July, 2016 ISSN 1930-2940 Vol. 16:7 July 2016, pp: 302-311		Nil	
55	Ms. Deepa Thumma,	English & Humanities	International Journal of Science Technology	Youth Financial Literacy and The Need for Financial	International Journal June, 2016 Volume 05,	Impact factor 2.012		

			and Management (IJSTM),	Education	Issue 06, June 2016, ISSN (O) : 2394-1537, (P): 2394-1529			
56	G.Suryanarayana	Maths	Bulletin of Mathematics and Statistics Research	LRS Bianchi type-I Generalized Ghost Pilgrim Dark Energy in Saez-Ballester with Linearly varying declaration parameter	International	April 2017 S1		4.5
57	Mr. N. Kiran	EEE	International Journal of Research in Electrical Engineering (IJREE)	Comparative Analysis of Compound Active Clamping and Two Inductor Boost Converters		1.28	Google Scholar	
58	Mrs. T.V. Subhashini	EEE	International Journal of Research (IJR)	A Grid Interfacing Scheme for renewable energy sources using PV and Fuel cell system		5.6	Google Scholar	
59	Mr.B. Rajasekhar	EEE	International Journal of Engineering Technology and Computer Research (IJETCR)	Conversation Environmental Waste to Energy		4.01	Google Scholar	
60	Mr. B. Rajasekhar	EEE	International Journal of Engineering Sciences & Research Technology (IJESRT)	Research Work on Conversation Environmental Waste to Energy		4.116	Google Scholar	
61	Mr. N. Kiran and Mr. V. Anil Kumar	EEE	International Journal of Research and Engineering (IJRE)	Comparative Analysis of Implementation of SVPWM for Three Phase Voltage Source Inverter in Linear and Over modulated		4.116	Google Scholar	

				regions				
6 2	Mr. N. Kiran, Ms. A.S. Anitha Nair and Ms. D. Srilakshmi	EEE	International Journal of Advanced Research in Education & Technology (IJARET)	Permanent Magnet Synchronous Motor Control with Speed Feedback Using a Resolver		1.568	Google Scholar	
6 3	Mr. N. Kiran	EEE	International Journal on Bulletin of Electrical Engineering and Informatics (BEEI)	Full Order Observer Based Control of Single-Phase Inverter Both in Standalone and Gridtie Modes		1.2	Google Scholar	
6 4	Mr. N. Kiran	EEE	International Journal of Research in Electrical Engineering (IJREE)	Simulation of ZVS CUK Converter using PSIM		1.2	Google Scholar	
6 5	Mr. A. Dhanamjaya Apparao, Mr. N. Kiran and Mr. V. Anil Kumar	EEE	International Journal of Trend in Research and Development (IJTRD)	Identification of Faults on Transmission Lines using Wavelet Technique		1.28	Google Scholar	
6 6	Dr.B.N.D. Narasinga Rao	Civil	International J Of Advances In C And Structural Engineering, Mantech Publi	Properties Of Para Fly Ash Concrete	International	--	--	--
6 7	Mr.J.Vikranth	Civil	International J of Engineering an Management Research	A Study on use of Plastic Waste (Polypropylene) in Flexible Pavement	International	3.105	--	--
6 8	Mr.MKSSK Chaitanya	Civil	International Journal of Research in Science & Technology (Internationa l)	Experimental Stud On Mechanical & Durability Properties Of Conventional Concrete As A Partial Replacemen Of Iron Ore With Without Use Of GI Fibres	International	1.92	--	--
6 9	Mrs.P.V.R.Sravy a	Civil Engg.	International Journal of Innovative Research in	An Experimental Study on parametri variations during composting of	International	1.0	--	--

			Science, Engineering and Technology	Municipal Solid Waste				
70	Mr.T.Kiran Kumar	Civil Engg.	International Journal of Engineering and Management Research	A Study on use of Plastic Waste (Polypropylene) in Flexible Pavements	International	3.105	--	--
71	Ms.P. Vandana Rao	Civil	International Journal of Engineering and Management Research	Study on Strength Characteristics of Pond ash Replaced Fine aggregate in Pavement Quality Control	International	3.105	--	--
72	B Brahmaji	Physics	Optical materials	Optical investigations on Tb <sup>3+</sup> doped L-Histidine hydrochloride mono hydrate single crystals grown by low temperature solution techniques	International April 2016	2.238 0925-3467	ELSEVIER	2
73	B Brahmaji	Physics	Journal molecular structure	Investigations on structural and photoluminescence mechanism of cerium doped L-Histidine hydrochloride mono hydrate singlecrystals for optical applications	International October 2016	1.753 0022-2860	ELSEVIER	2
74	B Brahmaji	Physics	Optical Materials	Optical emissions of Ce <sup>3+</sup> doped Sulphamic acid single crystals by low temperature unidirectional growth technique	International January 2017	2.238	ELSEVIER	2
75	B Brahmaji	Physics	Spectrochimica Acta Part A: Molecular and Biomolecula	Unique optical properties of Eu <sup>3+</sup> doped L-histidine hydrochloride	International January 2017	2.35	ELSEVIER	

			r Spectroscopy	mono hydrate single crystals from low temperature growth technique				
76	B. Hymavathi,	Physics	Journal of Materials Science: Materials in Electronics	Influence of sputtering power on physical properties of DC reactive magnetron sputtered Cr doped CdO thin films.	International February, 2017	1.798 ISSN: 0957-4522	SCOPUS & SCI	
77	B. Hymavathi,	Physics	Optical and Quantum Electronics,	Thickness dependent optical dispersion parameters and nonlinear optical properties of nanostructured Crdoped CdO thin films	International February, 2017	1.290 ISSN: 0306-8919	SCOPUS & SCI	
78	B. Hymavathi	Physics	Journal of Asian Ceramic Society	X-ray peak profile analysis of solid state sintered alumina doped zinc oxide ceramics by Williamson-Hall and size-strain plot methods	International February, 2017	ISSN: 2187-0764 DOI: 10.1016/j.jascer.2017.02.001.	SCOPUS	
79	P.V.Achary	Physics	International Journal of Innovative Research in Science, Engineering and Technology	A Ferroelectric Study on the Effect of Lead Barium Niobate (PBN) Ceramics Vol. 6, Issue 2,	International February 2017	ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710		
80	T.Madhavi Latha	Physics	Indian Journal of physics	Anomalous behaviour of ionosphere before strong earthquake	International July 2017	1.66 ISSN: 0973-1458	SCI	1
81	Dr. J. Vijaya Kumar	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Binary Integer Linear Programming Method for Optimal Placement of PMU Considering Single Line or PMU Outage	International Vol. 5, No.5, pp.3594-3599 May 2016	-	Google Scholar	-
8	Dr. J. Vijaya	EEE	International	Fast and Real-	International		Google	

2	Kumar		Journal of Computer Technology and Applications	Time Algorithm to Detect Impending Voltage Instability	Vol. 10, No.5, pp.407-412 March 2017		Scholar	
83	JagadishGurrala	CSE	New Trends in Multi-Disciplinary Research and Practice(NTMRP)-2016,November	A Study of Low Power Consumable Frameworks for Hiding Audio signals in Image Container Using Different Steganography techniques Using ARM Controller Devices For Smart Living	National Volume :9 Issue:32		Scopus	

### Annexure III

#### Details Regarding Conference Publications

S. No	Name of the Faculty	Dept.	Name of the Conference and details	Title of the Paper	Type of Conference
1	K S Deepthi	CSE	Third Springer International Conference on Computer Communication, Networking and Internet Security (IC3T - 2016)	"Detecting and Correcting the Degradations of Sensors on Argo Floats using Artificial Neural Networks"	International
2	G.Jagadish	CSE	SCI 201703-Mar-17	Analysis of Existing Text Hiding Algorithms For Image	International
3	PriteeParwekar	CSE	SCI 201703-Mar-17	A Study of Clustering Techniques for Wireless Sensor Networks	International
4	PriteeParwekar	CSE	SCI2017 03-Mar-17	Comparison between Genetic Algorithm and PSO for Wireless Sensor Networks	International
5	PriteeParwekar	CSE	DIGITS 2017 24-Feb-17	Application Trends in Internet of Things	International
6	PriteeParwekar	CSE	DIGITs 2017 24-Feb-17	Evolution of Operating Systems	International
7	S.JoshuaJhonson	CSE	DIGITS 201724-Feb-17	Architectural Analysis of Vehicular Networks:	International

				IoT perspective	
8	Dr. G. Srinivas	IT	1 <sup>st</sup> International conference on smart computing & informatics (SCI-2017)	Harmonic and contra harmonic mean centric jpeg compression for an objective image quality enhancement of noisy images	International
9	Prof. Suresh Chittineni	IT	1 <sup>st</sup> International conference on advances in computing and communications Springer,CCIS series	Modified and efficient shuffled frog leaping algorithm (MSFLA) for unsupervised data clustering	International
10	M. Navyasri	IT	ICTIS-Springer	Robust features for emotion recognition from speech by using gaussian mixture model classification	International
11	Dr. M. Ramakrishna Murthy	IT	ICTIS-Springer	Robust features for emotion recognition from speech by using gaussian mixture model classification	International
12	M.Shiva Naresh	Chemical Engineering	CHEMCON 2016, A. C. Tech Anna University , Chennai, 27-30 December, 2016	Studies on Photo catalytic degradation of E coli present in drinking water using commercial, synthesized, and doped TiO <sub>2</sub> as catalyst.	National
13	P. Mary Anupama	Chemical Engineering	ICRIESHM-16, Gayatri Vidya Parishad College for Degree & P.G Courses, Rushikonda, Visakhapatnam, Andhra Pradesh on 11th-12th August 2016	Recent Innovations in Engineering, Science, Humanities and Management	International
14	Dr. N.Padmaja	Chemistry	AP Science Congress, Nov, 2016	Chemical speciation of L-Dopa complexes of Pb(II),Cd(II) and Hg(II) in 1,2-Propanediol-water mixture	National
15	Mr.M.K.Chakravarthy	Chemistry	AP Science Congress, Nov, 2016	Micellar effects on Kinetics and Mechanism of Oxidation of Indigo Carmine by Per Sulfate	National
16	Dr. S. Sivakumar	Chemistry	AOP-2016, Dec, 2016	Effect of morphology, Crystallite size and band gap on	

				photocatalytic activity of ZnO nanostructures for degradation of R	
17	Mr.M.K.Chakravarthy	Chemistry	AOP-2016, Dec, 2016	Miscellar effects on Kinetics and Mechanism of oxidation of Indigo Carmine dye with Sodium Metaperiodate	International
18	Dr. M. Nookaraju & Dr. N. Padmaja	Chemistry	Social Business for Sustainable Development, Andhra University, Jan- 2017	Degradation of dyes over visible light induced mesoporous materials in Social Business for sustainable Development	International
19	Mr. S V Satish	Chemistry	Social Business for Sustainable Development, Andhra University, Jan- 2017	Greener strategies for the synthesis of xanthene derivatives by using nano catalyst in Social Business for sustainable	International
20	Dr. M. Nookaraju & Dr. N. Padmaja	Chemistry	National Conference on Recent Developments in Chemical Sciences and Allied Technologies, NIT Warangal, Jun-2017	Synthesis of Pyrimidone-3-thiones using acid functionalized MCM-41	National
21	K.Siva Prasad, Ch.Srinivasa Rao, and D.Nageswara Rao	Mechanical	6 <sup>th</sup> International & 27 <sup>th</sup> All India manufacturing Technology, Design and Research Conference (AIMTDR-2016)	Investigation on Pitting Corrosion Rate of Pulsed Current Micro Plasma Arc welded AISI 321 Austenitic Stainless Steel	International
22	K.Siva Prasad, Ch.Satya Prakash and Y.seetharam rao	Mechanical	6 <sup>th</sup> International & 27 <sup>th</sup> All India manufacturing Technology, Design and Research Conference (AIMTDR-2016)	Investigation on weld Bead Geometry of pulsed Current Micro Plasma Arc Welded AISI 316Ti Austenitic Stainless Steel	International
23	K.Siva prasad	Mechanical	5th Global Conference on Materials Science and Engineering, CMSE 2016	Investigation on Pitting Corrosion Rate of Pulsed Current Micro Plasma Arc Welded AISI 316Ti Austenitic Stainless Steel	International



24	K. Satyanarayana, M.sailaja, T.V.Hanumantha Rao and S.V.Uma Maheswara Rao	Mechanical	Proceedings of the International Conference on Condition Monotoring (ICCM 2016)	Condition Monotoring and Fatigue Life Analysis of Internal Combution Engine Connecting Rod	International
25	Dr.K.Murali Krishna,	ECE	National Conference On Recent Trends In Electrical And Electronics Engineering, RTEEE 2017 in Department Of Eee, Vignan's IIT, Vizag From 14.04.2017 to 15.04.2017	An Adaptive Step- Size Algorithm For Spare Channel Recovery In Mimo Ofdm Systems With Near-Optimal Pilot Assignment	National
26	Mr.J.Bhaskara Rao	ECE	National Conference On Advances In Communication Technologies NCACT- 2017 in Dept.Of ECE, GITAM University From 24.03. 2017 To 25.03.2017	Contrast Stretching Method To Determine The Surface Roughness Parameters	National
27	Dr. V.Rajya Lakshmi	ECE	3 <sup>rd</sup> International Conference On Advances In Electrical Electronics Information Communication And Bioinformatics AEEICB- 2017 in Pratyusha Engg College Hyd. From 27.02. 2017 To 28.02. 2017	Investigation On UWB Kite Shape Textile Antenna With Defective Ground Structure	International
28	Dr.K.Murali Krishna,	ECE	International Conference On Micro Electronics, Electromagnetics And Telecommunications ICMEET-2016 in Raghu Educational Society, Visakhapatnam From 5.01. 2017 To 7.01. 2017	New Training Pattern For Dft Based Channel Estimation In Ofdm System	International
29	Dr. V.Rajya Lakshmi	ECE	International Conference On Micro Electronics, Electromagnetics And Telecommunications ICMEET-2016 in Raghu Educational Society, Visakhapatnam From 5.01. 2017 To 7.01. 2017	Rotatable Frequency Reconfigurable Antenna For Pcs, Wi- Fi And Wi-Max Applications	International
30	Ms.B.Deepa	ECE	International Conference On Micro Electronics, Electromagnetics And Telecommunications ICMEET-2016 in Raghu Educational Society, Visakhapatnam From 5.01. 2017 To 7.01. 2017	Multiband Characteristics Of The Slot-Loaded Aperture Fed Antenna	International
31	Dr. V.Rajya Lakshmi	ECE	7th Ieee International Advance Computing Conference (IACC-2017)	Design And Analysis Of Crescent Shape Textile Antenna For	International

			in Vnr Vignana Jyothi Institute Of Engineering And Technology, Hyderabad From 5.01. 2017 To 7.01. 2017	Wlan Applications	
32	Dr.K.Murali Krishna,	ECE	13th International Ieee India Conference INDICON 2016 by IEEE Bangalore Section At IISC Bangalore From 16.12.2016 To 18.12.2016	Improvement Measures Of DHT Precoded OFDM Over Wimax Channels With Piecewise Linear Companding	International
33	Dr. V.Rajya Lakshmi	ECE	International Symposium on Antennas and Propagation ISAP-2016 in Okinawa, Japan From 24.10.2016 To 28.10.2016	Frequency Reconfigurable Antenna for wireless application	International
34	D. Eswara Chaitanya	ECE	National Conference In Recent Challenges In Electronics & Communication Technology- NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Analysis Of The Effect Of Unknown Source Range On TDOA Localization	National
35	Dr. K.Murali Krishna	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Improvement Measures Of DHT Precoded OFDM Over Wimax Channels With Piecewise Linear Companding	National
36	A Lakshmi Narayana	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Next Generation Heterogeneous Wireless Networks Handover Probability Analysis Based On Equal Bandwidth Allocation	National
37	Ch. Anoosha D.Nagmani	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Dual Microphone Wind Noise Reduction By Exploiting The Complex Coherence	National
38	Mr.S.Balarama Murty Ms.Gayatri	ECE	National Conference In Recent Challenges In Electronics & Communication	Atrial Fibrillation Detection Using Frequency, Time-Frequency And	National

			Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Feature Vector Ecg Signal Analysis(FVESA)	
39	Dr. K.Murali Krishna	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Simulation And Tension Control Of Deployment Of Fiber Optic Cable For Under Water Vehicles	National
40	Mr.Vijay Kumar Sahu Dr. K.Murali Krishna	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Polarization Reconfigurable Patch Antenna For Ism Band Applications	National
41	Mr.Bibekananda Jena Mr.A.Siva Kumar	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	An Efficient Random Valued Impulse Noise Suppression Technique Using Artificial Neural Network And Non- Local Mean Filter	National
42	Dr. K.Ranga Rao Prof., ECE	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	ISAR Imaging Of Moving Targets For Cubic Chirps Using Proposed Method For Varying Angular Speeds	National
43	Mr.R.Sundar	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10. 2016 To 02.10 2016	Maximum Likelihood Estimation Of Parameters Of Distributions	National
44	Dr. K.Ranga Rao	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil	Comparison Of Rd, Rid And Ric Techniques For Different Targets	National

			Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016		
45	Mr.D.Anil Prasad	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016	Sonar Target Detection For A Chirp Signal In Frft Domain	National
46	Mr.Bhaskara Rao Jana	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016	Contrast Stretching Method To Determine The Surface Roughness Parameters	National
47	Dr. K.Raja Rajeswari	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016	Ber Reduction Technique For Nonlinear Ofdm Transmission	National
48	Dr. K.Ranga Rao	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016	Effect Of Signal Length And Snr On Imaging Of Targets With Complex Motion Using Mdcft	National
49	Mr.J.Bhaskararao	ECE	National Conference In Recent Challenges In Electronics & Communication Technology NCRCECT2016 in Anil Neerukonda Institute Of Technology & Sciences, Sangivalasa From 01.10.2016 To 02.10 2016	Comparative Analysis Of Fixed Point And Floating Point Pid Controllers In Fpga	National
50	Ms. Abhibunnisha Begum	English & Humanities	VOICE OF TEACHERS PUBLICATIONS, Nagercoil, Kanyakumari,	Rushdie's fragmented narration the only way to present a cohesive picture and encapsulates the multifarious identity	International Conference March, 2017

				issues: A study of the select novel Shame	
51	Dr. G. Raja Rao	EEE	National Conference on Recent Advances in Power Electronics, Power and Control Systems Engineering (RAPEPCSE-2016)	Dynamic Model Of Micro Turbine Generating System For Grid Connected/ Islanding Operation And Reduction of Harmonics In MTG System	National
52	Mr. B. Rajasekhar	EEE	National Conference on Recent Advances in Power Electronics, Power and Control Systems Engineering (RAPEPCSE-2016)	A Control Strategy to Stabilize PWM Buck Converter with Input Filter using Fuzzy-PI	National
53	Mr. Ch.V.N.Raja	EEE	National Conference on Recent Advances in Power Electronics, Power and Control Systems Engineering (RAPEPCSE-2016)	Direct Torque Control based Speed Control of an Induction Motor	National
54	Mr. S. Balamurali	EEE	National Conference on Recent Advances in Power Electronics, Power and Control Systems Engineering (RAPEPCSE-2016)	Speed Control Of BLDC Motor By Using Slotine Based Sliding Mode Control	National
55	Mr. K. Trinadhababu	EEE	National Conference on Recent Advances in Power Electronics, Power and Control Systems Engineering (RAPEPCSE-2016)	Speed Control of Brushless DC Motor Using PID And Fuzzy PID Controller	National
56	Dr.B.N.D. Narasinga Rao	Civil	National Conference on Ci Engineering For Sustainability	Utilization Of Fly Ash From Simhadri Thermal Plant In Concrete	National Confere
57	Mrs.P.V.R.Sravya	Civil	National Conference on Ci Engineering For Sustainability	A Study of Quality of V Supplied by GVMC at Various Distribution points in Visakhapatnam	National Confere
58	Mrs.P.V.R.Sravya	Civil	International conference on emerging trends in water re & environmental engineeri	Assessment of ground water quality at industrial zones in Visakhapatnam	International conference
59	1. P.Viswarupachary 2. Ch.Venkatarao	Physics	AFM-10 University of Delhi	Investigation of the Zeta Potential, Particle size and	International Conference

				Electrical properties of Erbium doped SBLNN Ceramics	
60	B. Hymavathi	Physics	Materials Today: Proceedings-Elsevier	Microstructural and Raman spectroscopic analysis of Sb <sub>2</sub> O <sub>3</sub> doped ZnO composite Semiconductor	International April, 2017
61	B. Hymavathi,	Physics	Materials Today: Proceedings-Elsevier,	Surface morphology and opto-electronic properties of nanostructured Cr doped CdO thin films for photovoltaics	International April, 2017
62	B. Hymavathi,	Physics	Materials Today: Proceedings-Elsevier,	Structural and optical properties of nanostructured Cu <sub>2</sub> O thin films for optoelectronic devices	International April, 2017

### Annexure IV

#### Details Regarding Book Publication

S. No	Name of The Author	Department	Name of The Book	Name of The Chapter	Year of Publication	ISBN No.	Publisher with Address
1	Dr.R.Sivaranjani	CSE	Secure Group Communication based on Lagrange Interpolation	-	2016	978-3-330-65158-6	Scholars Press
2	Dr J. Vijaya Kumar	EEE	Bidding Strategies in a Deregulated market using Heuristic Techniques	-	2016	978-3-330-00267	Lambert Publishing,U.K

### Annexure V

#### Details regarding organizing Seminars/conferences/Workshop/ symposia

S. No	Department	Name of the Event	Title of the Event	Event Details	Type of Event (National/International)
1	IT	Student Technical Symposium	Radian 2K17	08-03-17 to 09-03-17	National
2	IT	Workshop	A Machine Learning and Optimizing Technique	02-02-17 to 03-02-17	National
3	IT	A Technical Seminar	Data Sciences & Machine Learning - What it is and Why it matters	20-01-17	National
4	IT	Workshop	Cyber Security and Ethical Hacking	20-12-16 to 24-12-16	National
5	IT	Workshop	Advanced Android APP Development	13-12-16 to 17-12-16	National
6	IT	Seminar	Tips to prepare for campus placements and Infosys Training	27-09-16	National
7	IT	Workshop	Android app	20-07-16	National

			development and security	26-07-16	
8	CSE	workshop	Workshop on Drone technology	2-Days 5 <sup>th</sup> - 6 <sup>th</sup> October, 2016	National
9	CSE	workshop	Parallel application development techniques	6-Days 19 <sup>th</sup> - 24 <sup>th</sup> September, 2016	National
10	CSE	Student fest	Cursors 2K17	2-Days 2 <sup>nd</sup> - 3 <sup>rd</sup> March, 2017	National
11	CSE	Conference	SCI 2017	2-Days 3 <sup>rd</sup> - 4 <sup>th</sup> March, 2017	International
12	CHEMICAL	Workshop	CHEMFLARE2K17	20 – 21, February 2017	National
13	CHEMICAL	Workshop	Environmental Challenges and Strategies	9– 10, December, 2016	National
14	Mechanical	Nithin Krishna, Director, Hobby PEP, viskhapatanam	A two day Workshop on Unmanned Aerial Vehicles	Design of UAV	National
15	Mechanical	Nithin Krishna, Director, Hobby PEP, visakhapatanam	A two day Workshop on 3D Printed QUAD Copter	Design of Quad Copter	National
16	Mechanical	Dr.R.R.Srikanth, Asst.Professor, University of IOWA, USA	Sustainable Manufacturing	Sustainable Manufacturing	National
17	Mechanical	Dr.Kahghesh kumar Chowdhary, Scientist-F, NSTL, Mr. B.Siva Kumar, JRF-NSTL and Mr. A. Krishna, Project associate-NSTL	Workshop on Computational Fluid Dynamics (CFD) & Software Training"	Training on CFD	National
18	Mechanical	Dr.Harmeet Singh, Scientist, DRDO, Hyderabad	An expert Lecture on "Vapour Power Cycle"	Application of Vapour Power Cycle	National
19	Mechanical	Faculty of Mechanical Engg Dept	A one day seminar on 'Two digit development'	Two digit development	National
20	Mechanical	Mr. Pradeep Sharma, GATE all India topper and Lead Engineer, GE electronics, Bangalore	A seminar on carrier opportunities in core Mechanical Engineering	carrier opportunities in core Mechanical Engineering	National
21	Mechanical	Mr.Ramchandran, scientist, BAARC, Mr. Santhosh, Quality Engineer, Dubai and Mr.Madhu babu from Marine Engineer Singapore.	Alumni interaction and a seminar on "Latest technologies of Mechanical Engg"	Review on Latest technologies of Mechanical Engg	National
22	Mechanical	C.Gowtham kumar, Founder of Serve needy organization, Hyderabad	Role of youth in social service for better nation	NSS activity	National

23	Mechanical	Team members from George prep, Visakhapatnam.	A seminar on “career opportunities and higher studies for Mechanical Engineers”	Talk on career opportunities	National
24	ECE	National Conference In Recent Challenges In Electronics & Communication Technology- NCRCECT2016	National Conference In Recent Challenges In Electronics & Communication Technology- NCRCECT2016	01 <sup>st</sup> and 2 <sup>nd</sup> October 2016	National
25	EEE	ARC'17	ARC'17	A Two National level Technical students symposia	National
26	Civil	VINIRMITHI'17	VINIRMITHI'17	A Two National level Technical students symposia	National



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## ACTION PLAN-ALUMNI FEEDBACK

**Query:** Sports facilities need important?

**Action Taken:** A new basket ball court, 2 volley ball courts and cricket practice court have been prepared.

**Query:** Data structure, Java should be included in core engineering branch?

**Action Taken:** The above mentioned courses are being considered in the "Autonomous" syllabus structure.

**Query:** Interactive sessions should be conducted occasionally?

**Action Taken:** 'Le Literature' club has been initiated for improving interaction among the students.

**Query:** Need more extra-curricular activities?

**Action Taken:** Cultural programs have been incorporated during tech fests. Essay writing, elocution, singing & dancing competition are being conducted twice a year.

**Query:** CRT training should be made compulsory?

**Action Taken:** Incorporating CRT in the autonomous syllabus. It is mandatory to clear CRT Exam in order to obtain engineering degree certificate.

**Query:** Students need to be encouraged to pursue a good career?

**Action Taken:** Activities related to career guidance have been enhanced so that many students can be benefitted.


The stamp is circular with the text "Kannada Institute of Technology & Science" around the perimeter and "Dean P & R" in the center.



### ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Estd-2001 AICTE Approved Autonomous NBA Accredited NAAC 'A' Grade)  
Sangivalasa, Bheemunipatnam(Mandal), Visakhapatnam-531 162 Andhra Pradesh

Tel: 08933-225052/83/84 Email: dean.placements@anits.edu.in www.anits.edu.in

#### ALUMNI FEED BACK

Name: Mr/Ms/Ds: P. Kalyan Bhuvanesh

Regd No: 12120520084 Branch: Mechanical Year of Study: 2012-2016

Email id: pkbhuvan@gmail.com Contact No: 9959160640

(a) If you are working, name of your present organization, designation & address:

(b) If you are pursuing higher studies, name of your College/University, course, year & address:

(c) If you are an entrepreneur, name of your firm, field, turnover & address:

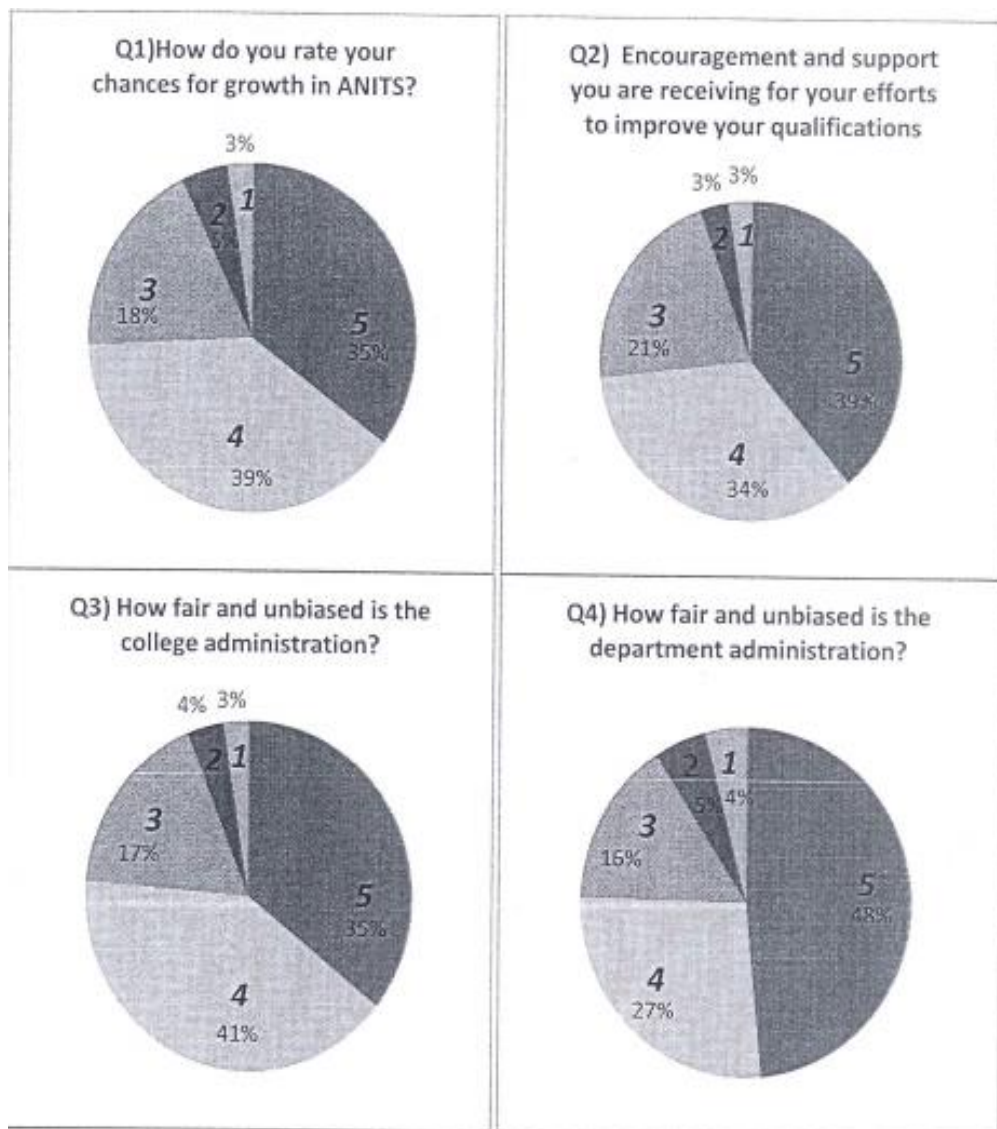
Put a tick mark in the appropriate column:

	Opinion/Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly disagree
1	The quality of teaching at our institute (ANITS) is Very Good.		✓			
2	The atmosphere in our institute is conducive for the intellectual growth.			✓		
3	The knowledge and skills acquired in this institute are useful in my professional life or career advancement.			✓		
4	The Training & Placement Dept has played key role in getting Campus Placements for the eligible students.		✓			
5	The college has played key role in the over-all development of the students.			✓		
6	The general discipline & hygiene in this institute is Very Good.		✓			
7	The Management and the Administration are forward looking.			✓		
8	I will advise my relatives or friends to join this institute, if they get a chance.			✓		
9	Give any constructive suggestions for further improvement and development of this institute. (if you have)					
10	List any two strengths and weaknesses (if any) of our institution.	Strengths: Discipline Weaknesses:				

P. Kalyan  
Signature & Date: 04-02-2017

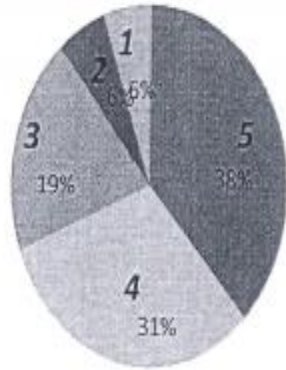
## RECRUITERS' FEED BACK

Organization	Infosys Technologies Ltd.	
Name of the Evaluating Person	Nayra Suresh	
Designation & Dept.	Sr. Project Manager (RETAIL)	
Email Id	NSURESH1175@gmail.com	
Contact Number	97033 23422 / 8008551511	
Occasion/Event	Campus Recruitment	
Rate on scale of 5: 5-Very Good; 4-Good; 3-Average; 2-Below Average; 1-Poor		
1. Their Understanding of engineering fundamentals		4
2. Ability to analyze engineering problems		4
3. Knowledge of software tools and their application in their engineering branch		4
4. Ability to design a system using STEM (Science, Technology, Engineering & Mathematics)		3
5. Communication		4
6. Any other remarks on the performance of our students & your suggestions:		
<p>- Good analytical skills          - Good communication skills</p> <p>Improvement:          Needs to improve on latest trends of IT          No basic knowledge of latest trends          like Bigdata, IoT etc.</p>		
Signature	N. Suresh	
Date		

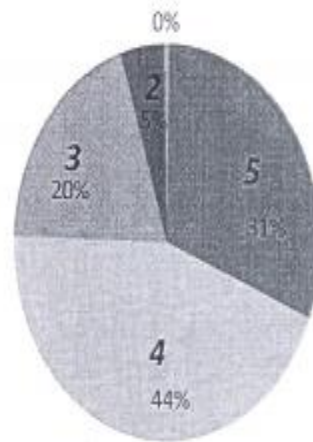


5: Excellent; 4: Very Good; 3: Good; 2: Satisfactory; 1: Poor

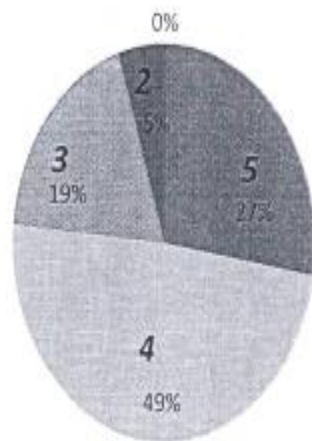
5) How good and comfortable is the place in the department where you sit and work?



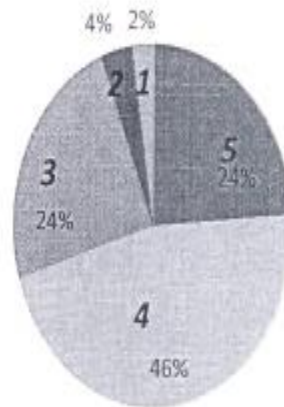
Q6) How good is the student - teacher relationship in this college?



Q7) How do you rate our library facilities?



Q8) How accessible is the management / administration to the faculty?

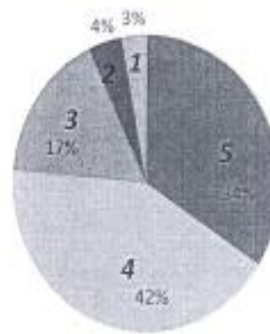


5: Excellent; 4: Very Good; 3: Good; 2: Satisfactory; 1: Poor

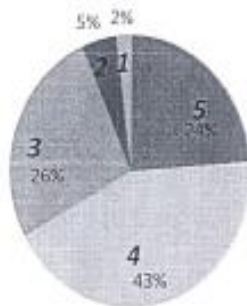
9) How good are your opportunities to interact and share knowledge and skills with faculty of other colleges?



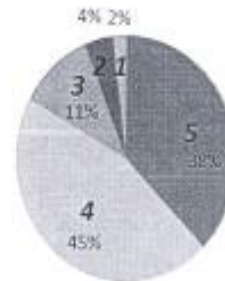
Q10) Rate your level of job satisfaction at ANITS



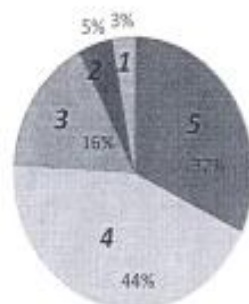
Q11) How well does the administration respond to good suggestions?



Q12) Do you aware of the rules and procedures published by the institution along with academic regulations



Q13) How well your institution encourages faculty towards research?



5: Excellent; 4: Very Good; 3: Good; 2: Satisfactory; 1: Poor



PARENT'S FEEDBACK

1. What Prompted you to admit your ward in ANITS?

Ans: Feed back received from public & position stand in three districts, Finally Campus Selections achievement

2. Are you happy that your ward studied at ANITS?

Ans: Yes. Still we need more attention to prepare competitive manner Exams, Internships and participating in Games, Sports and extra curricular activities.

3. What is your opinion about the general discipline in the college?

Ans: Very Fine. That is possible because of dress code and also caring of Faculty during on & off working hours.

4. Do you feel that your ward could progress well academically at ANITS?

Ans: Yes. But this needs regular attention and clear goal achievement in Mind. And adding discipline too.

5. Do you feel there has been an all-round development of your ward's personality during his 4 - Years of study at ANITS?

6. Are you satisfied with the help rendered to your ward by the placement cell of ANITS?

7. Please give your suggestions, if any, for improvement of ANITS.

Institute respect towards Faculty & elders, help the students to have. Using of library hours, and sports etc will keep the My ward's name students well in order. His/Her branch was

Boni Sagarunag Keesika

Mechanical

He/She studied at ANITS

He/She completed the course

From \_\_\_\_\_ to \_\_\_\_\_

In \_\_\_\_\_ and passed in \_\_\_\_\_ Class

He/She is Presently (1) Working in \_\_\_\_\_

(2) Studying \_\_\_\_\_ at \_\_\_\_\_

(3) Any Other:

Parent's Signature :

Date:

Parent's Name :

Boni Sagarunag



FACULTY FEED-BACK (EXIT) FORM

Name of the Staff Member and Department : Dr. L. Ganesh, E.C.G.
Designation : Assistant Professor
Date of Relieving : 29/04/17

Table with 7 columns (Sl. No., Parameter, 5, 4, 3, 2, 1) and 10 rows of feedback questions. Checkmarks are present in the 4, 3, and 5 columns for various parameters.

5 = Excellent; 4 = Very Good; 3 = Good; 2 = Satisfactory; 1 = Needs to be improved

L. Ganesh
29/04/17