

Date: 17-09-2016

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) 2015-16 of ANITS,
Viskhapatnam-531162
Ref: This office letter dated 10.12.2014 regarding sanction of accreditation to ANITS


Anil Neerukonda Institute of Technology & Sciences (ANITS) has been accredited by National Assessment & Accreditation Council (NAAC) with 'A' grade valid from 10.12.2014 and upto 09.12.2019.

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 Coordinator of IQAC.

The institute has prepared the second Annual Quality Assurance Report (AQAR-2015-16) as its first Annual Quality Assurance Report (AQAR-2014-15) has already been submitted on 10.06.2016 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
Coordinator, IQAC




Dr. T.V. Hanumantha Rao
Principal & Chairperson, IQAC

Principal
Anil Neerukonda Institute of
Technology & Science
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)

(2015-16)

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). 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

www.anits.edu.in

Contact Nos.

08933-225083, 225084, 226131

Name of the Head of the Institution:

Prof. T. V. Hanumantha Rao

Tel. No. with STD Code:

08933-225083, 225084, 226131

Mobile:

+91-9441011735

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 st 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

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="7"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="3"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="3"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
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="19"/>
2.10 No. of IQAC meetings held	<input type="text" value="2"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="3"/> Faculty <input type="text" value="1"/>
Non-Teaching Staff & Students	<input type="text" value="1"/> Alumni <input type="text" value="1"/> 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 Nos. International National State Institution Level

(ii) Themes

Faculty Development Programme on Research Projects.

- A work shop on “Empowerment through Personality Re-Engineering”.
- Seminar on Women Empowerment.
- Work shop on Curriculum Design and Development.
- National Seminar on “Metal forming and its applications in present and future”
- Awareness Programme on “Waste Management”.

2.14 Significant Activities and contributions made by IQAC

- Administrative Academic Audit committee Interact with all the departments for maintaining and sustaining quality education as directed by IQAC.
- Various awareness programmes have been conducted by NSS as a part of IQAC such as:
 - Independence Day celebrations
 - Environmental Pollution Awareness
 - National Blood Donation Camp
 - Swatch ANITS Program
 - National Foundation for Communal Harmony
 - Chennai Relief Fund
 - Plantation Programme

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	Budget proposal is made taking into consideration of additional/ new equipment required for up gradation/introduction of new experiments in various laboratories.	The required equipment has been purchased.
2	Organize FDP and training to newly recruited faculty	Organized training and FDP by NITTR faculty and other experts from renowned academic institutions.
3	Organize at least one national level programme in a year	Each department has organized at least one conference once in a year.
4	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	4	-	4	-
UG	7	-	7	-
PG Diploma	-	-		-
Advanced Diploma	-	-		-
Diploma	-	-		-
Certificate	-	-		-
Others	-	-		-
Total	17		11	
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 - 04
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*

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

- In the year 2015-16 AUTONOMOUS was granted to the institute. Hence 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. Yes

- 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
220	186	13	20	1

2.2 No. of permanent faculty with Ph.D.

33

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
43	0	2	9	4	4	0	0	49	13

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

2

1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	8	61	-
Presented papers	19	5	-
Resource Persons	2	1	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.
- 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

185

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

46	20	16
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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	61	2	33	5	0	65.57
CSE	133	55	37	0	0	69.71
ECE	142	37.32	43.66	1.4	0	82.39
IT	48	20.83	50	2.08	0	72.92
EEE	138	26.81	42.02	0	0	68.84
Mechanical	131	29	50	0	0	59.84

Post Graduate

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Computer Science and Technology(CST)	10	40	0	0	0	80.0
Communication Systems (CS)	9	33.33	44.44	22.22	0	100
Control Systems (CS)	10	50	30	20	0	100
Machine Design (MD)	10	80	80	0	0	80

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

- 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 to newly appointed faculty.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	11
UGC – Faculty Improvement Programme	35
HRD programmes	20
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	10
Staff training conducted by other institutions	15
Summer / Winter schools, Workshops, etc.	13
Others	6

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	30	0	1	0
Technical Staff	39	0	1	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, 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.

3.2 Details regarding major projects

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

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	5	-	1
Outlay in Rs. Lakhs	-	13,20,000	4,45,000	4,81,628

3.4 Details on research publications

	International	National	Others
Peer Review Journals	66	6	-
Non-Peer Review Journals	14	1	-
e-Journals		1	-
Conference proceedings	14	-	-

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	2015-16	UGC	12.39 Lakhs	6.836 Lakhs
Minor projects	2015-16	UGC	2.50 Lakhs	-
	2015-16	UGC	1.80 Lakhs	-
	2015-16	UGC	4.6 Lakhs	4.6 Lakhs
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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	1	5			
Sponsoring agencies	Education & Research wing, CSI	ANITS, Local industries like HPCL			

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 From Management of University/College
Total

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
4	-	2	1	-	-	1

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	Independence Day celebrations	15/08/2015	150
2	Environmental Pollution Awareness	24/09/2015	100
3	National Blood Donation Camp	01/10/2015	150
4	Swatch ANITS Program	15/10/2015	200
5	National Foundation for Communal Harmony	24/11/2015	---
6	Chennai Relief Fund	07/12/2015	---

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	
Class rooms	50	7	Management	57
Laboratories	62	1	Management	63
Seminar Halls	3	-	Management	3
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	161	2	Management	161
Value of the equipment purchased during the year (Rs. in Lakhs)	2,87,39,271	7,70,248	Management and UGC	2,95,09,519
Others (Rs. in Lakhs)	4.92	-		-

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	25490	61,82,082	1203	4,59,546	26693	66,41,628
Reference Books	7841	26,22,008	184	70,288	8025	26,92,296
e-Books	380	1,52,750	Renewed	-	380	1,52,750
Journals	99	2,01,725	Renewed	-	99	2,01,725
e-Journals	563	14,74,448	Renewed	-	563	14,74,448
Digital Database	-	68,400	Renewed	-	-	68,400
CD & Video	2270	-	162	-	2432	-
Others (specify)	582	-	-	-	582	-
Bound Volumes						
Project Reports	399	-	-	-	399	-
Book Bank	-	-	-	-	399	-
NPTEL Videos	184	-	-	-	184	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	676	14	100 mbps	-	2	21	7	-
Added	19	-	-	-	-	-	-	-
Total	695	14	100 mbps	-	2	21	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	1.57
ii) Campus Infrastructure and facilities	26.5
iii) Equipments	11.90
iv) Others	0.54
Total:	40.51

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)
- 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
3325	79	-	-

(b) No. of students outside the state

26

(c) No. of international students

--

Men	No	%	Women	No	%
	2287	67.18		1022	33.72

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
982	352	105	1584	7	3030	1078	382	112	1826	6	3404

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 2nd 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

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text" value="37"/>	CAT	<input type="text" value="2"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="6"/>

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

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
32	466	429	2

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	1531	11169025
Financial support from other sources	3	75000
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:

- The problem of hostel students is rectified as they requested white wash during summer.
- R.O water plant is arranged for supply of purified water throughout the college.
- 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, Health Insurance
Non teaching	ESI, EPF
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.
- Institution of 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. Raja Rao

HOD, E.E.E. 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
UPSC	-	Union Public Service Commission

Principal
Andhra Pradesh Institute of
Technology & Science
Sangivalasa - 531 102
Vizakhapatnam Dist

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	Chemistry	Mr. M. Kalyana Chakravarthy	Micellar Effects on some Electron Transfer reactions	UGC	March, 2014	4,30,000
2		Mrs. R. Sarada	Synthesis, characterization of novel acridines/acridine diones employing Nano catalyst and their potential applications as NLO materials	UGC	January, 2015	2,50,000
3		Mr. R. Soma Sekhar	Synthesis, Characterization and Photo Catalytic Applications of Nano Titania	UGC	January, 2015	1,80,000
4	Physics		Effect of various dopants on electrical properties of certain Ferroelectric materials for device applications	Agency UGC	Date of Sanction April 2014	Amount in Lakhs 4.45
5	Mechanical	Dr N.Indra Kiran	Day National Seminar in "Recent Trends in Mechanical Engineering" on 14th March,2015	DST	2014	50000
6		Dr K.Siva Prasad	"Investigations on Pitting Corrosion Rates of Pulse D Current Micro Plasma Arc Welded Austenitic Stainless Steels"	UGC	2014	460000

Annexure II

S. No	Name of the Faculty	Dept.	Name of the Journal	Type of Journal	Title of the Paper Published	Impact Factor
1	R. Sarada	Chemistry	<i>The Experiment</i>	Peer Reviewed E-Journal	Synthesis of 5-methyl 2-mercapto benzimidazole capped silver nanoparticles via chemical reduction method and study of their biological properties	0.33
2	R. Sarada	Chemistry	<i>Asian Journal of Chemistry</i>	Peer Reviewed E-Journal	Synthesis and Bio-evaluation of 2-imino-4-amino thiazole capped Silver Nanoparticles	0.24
3	M. Nookaraju	Chemistry	<i>RSC Advances</i>	Peer Reviewed	“Titanium Amino phosphates:Synthesis, Characterization and Orange G dye degradation studies	3.84
4	R. Sarada	Chemistry	<i>Int. Journal of Engineering Research and Application</i>	Peer Reviewed E-Journal	“Plant mediated synthesis of Silver Nanoparticles by using Dried Stem powder of Tinospora Crispa and Study of its Photoluminescence activity	1.69
5	R. Sarada	Chemistry	<i>Int. Journal of Engineering Research and Application</i>	Peer Reviewed E-Journal	“Synthesis of 2-aminocyclopent-1-ene-1- carbodithioic acid (ACA) capped Silver Nanoparticles, Characterization and Fluorescence applications”	1.69
6	R. Sarada	Chemistry	<i>Int. Journal of Engineering Research and Application</i>	Peer Reviewed E-Journal	“Synthesis and Bio-Evaluation of 4-amino-5-Benzyl-2,4-dihydro-3[H]-1,2,4-Triazole-3-Thione Capped Nano Particles”,	1.69
7	Prof.G.H.Rao	Chemical Engineering	Journal of Biochemical Technology,6(1),945-951:2015	International Journal	Optimized Lactic Acid Production from Whey using Hybrid Design and Ridge Analysis	0.9032
8	Prof.V.Sridevi	Chemical Engineering	Asian Journal of Microbiology, Biotechnology and Environmental sciences,	International Journal	A comparative study on biodegradation of Ammonium nitrogen to nitrite in	---

			18,(1), 2016		fertilizer effluent by Nitrosomonas species (NCIM 5071) and Nitrosomonas euro	
9	Prof.V.Sridevi	Chemical Engineering	Journal of Biochemical Technology,6(1),945-951:2015	International Journal	Optimized Lactic Acid Production from Whey using Hybrid Design and Ridge Analysis	0.9032
10	Prof.V.Sridevi	Chemical Engineering	Journal of Chemical, Biological and Physical Sciences, 5(4), 4733-4740,2015	International Journal	Biodegradation of Ammoniacal Nitrogen to Nitrite in an Industrial Effluent using Nitrosomonas species: First stage in Nitrification	1.082
11	Prof.G.H.Rao	Chemical Engineering	British Biotechnology Journal ,9(2), 1-9, September 2015.	International Journal	Application of Box- Behnken Design for the Optimized Production of Lactic Acid by Newly Isolated Lactobacillus plantarum JX183220 Using Cassava (ManihotesculentaC rantz) Flour	---
12	Ch.Anil	Chemical Engineering	Asia-Pacific Journal of Chemical Engineering, Vol 10, Issue 5, pp. 734-742, September-October, 2015.	International Journal	PID Control of integrating systems using Multiple Dominant Poleplacement method	0.789
13	Prof.V.Sridevi	Chemical Engineering	British Biotechnology Journal ,9(2), 1-9, September 2015.	International Journal	Application of Box- Behnken Design for the Optimized Production of Lactic Acid by Newly Isolated Lactobacillus plantarum JX183220 Using Cassava (ManihotesculentaC rantz) Flour	---
14	Prof.V.Sridevi	Chemical Engineering	British Microbiology Research Journal, 10(2), 1-9, Aug.2015.	International Journal	Selection of Marine Actinomycetes with Bioactive Potential Isolated from Sediments of Bay of	---

					Bengal and Characterization of Promising Isolate, ABT-103	
15	Prof.V.Sridevi	Chemical Engineering	International Journal of Current Microbiology and Applied Sciences, 4(8), 406-421, Aug.2015.	International Journal	Screening of Probiotic Goat Milk and Cow Milk Isolates for Acid Resistance, Antagonistic Activity and Tolerance to Antimicrobial Activity of Spices: Molecular Identification of Potential Probiotic Goat Milk Isolate, G8	2.937
16	Dr. P Mary Anupama	Chemical Engineering	Inter National Journal of Basic and Applied Sciences, Vol. 4(3), 151-156, Aug. 2015.	International Journal	Screening of Parameters and production of Amylases using Aspergillus Oryzae by submerged fermentation process	1.2001
17	Ch. Anil	Chemical Engineering	ISA Trans, June 2015	International Journal	Tuning of PID Controllers for integrating systems using direct synthesis method	2.984
18	J. Vikranth	CIVIL	IJEMR	International	Improvement of BRT Network for Visakhapatnam Using Bead Tool	2.216
19	MKSSK Chaitanya	CIVIL	IJEMR	International	Improvement of BRT Network for Visakhapatnam Using Bead Tool	2.216
20	T Kiran Kumar	CIVIL	IJEMR	International	Improvement of BRT Network for Visakhapatnam Using Bead Tool	2.216
21	K Lova Raju	Civil	IARJSET	International	Effective location of shear wall on performance of building frame subjected to earthquake load	5.332
22	A.N.R.Latha	CSE	International Journal Of Science And Research(Ijsr)	International	Personalized Web Searchusing Ontology And Page Ranking	6.391

23	S A Bhavani	CSE	International Journal Of Science And Research(Ijsr)	International	Implementation Of Deblurring Images Using Blind Deconvolution Technique	6.391
24	K.S.Deepthi	CSE	International Journal Mathematical Sciences and Computing	International	Research Domain Selection using Naïve Bayes Classification	0.669
25	K.S.Deepthi	CSE	International Journal of Modern Education and Computer Science	International	Extractive Text Summarization Using Modified Weighing And Sentence Symmetric Feature Methods	0.669
26	P.Naga Srinivasu,Ch.Ses hadri Rao	CSE	International Journal Of Computer Applications	International	A Multilevel Image Encryption based on Duffing map and Modified DNA Hybridization for Transfer over an Unsecured Channel	3.12
27	G.Santoshi,G.Gowri Pushpa	CSE	International Journal of Advanced Research in Computer and Communication Engineering	International	Detect Pedestrian Orientation by Integrating Multiclass SVM Utilizing Binary Decision Tree	4.855
28	Ganesh Laveti	ECE	International Robotics and Autonomous Systems , ELSEVIER	peer reviewed	A new method of target tracking by EKF using bearing and elevation measurements for underwater environment	SCI(1.2 56)
29	Ms. Abhibunnisha Begum, Asst. Professor,	Dept. of English & Humanities	Panorama on Indian Writing in English ISBN: 9788193203309	National	Identity Crisis and Quest for Self: A Critical study of the select novels of Salman Rushdie	
30	Ms. Abhibunnisha Begum, Asst. Professor,	Dept. of English & Humanities	Literary Endeavour – An International Journal of English Language, Literature and Criticism	International	The Postcolonial Writers Endeavour to Create A National Realization: With Special Reference To Midnight's	

					Children A Select Novel by Salman Rushdie	
31	Ms. B. Ramya Devi Asst. Professor,	Dept. of English & Humanities	Language in India ISSN 1930-2940	International	Problems Faced by the Teachers of a Large Class in Imparting Writing Skills at Tertiary Level	
32	Ms. Abhibunnisha Begum, Asst. Professor,	Dept. of English & Humanities	Journal of English, language and literature ISSN : 2349-9753	International	Teaching English in India: Envisioning the future challenges	
33	Ms. B. Lalitha Devi	Dept. of English & Humanities	Language in India ISSN 1930-2940	International	Handout as a Supplementary Material to Facilitate Discussions in the Classroom at Secondary Level	
34	Ms. A.A.Vijaya Jyothi, Asst. Professor,	Dept. of English & Humanities	<i>Global English – Oriented Research Journal (GEORJ), ISSN 2454-5511</i>	International	Novels of Kavery Nambisan – A Voice to The Silent	
35	Ms. Abhibunnisha Begum, Asst. Professor,	Dept. of English & Humanities	Veda's Journal of English Language and Literature (JOELL). The International Peer Reviewed Journal. ISSN: 2349-9753	International	The concept of Mislaid identity and the quest of self in the select novels of Salman Rushdie	
36	Dr. P. Meena Grace Asst. Professor,	Dept. of English & Humanities	<i>The Criterion: An International Journal in English. ISSN: 0976-8165.</i>	International	The Alexandria Quartet: An Interface between Life and Art	
37	Ms. G.Serwani V.Swamy, Asst. Professor,	Dept. of English & Humanities	Subaltern speak: An International Journal of Postcolonial Studies. PRINT ISSN 2277-3959 (ONLINE ISSN: 2347-2103,	International	Scrutinizing women, violence and identities: In perspective of psyche in Bharati Mukherjee's select novels	
38	Ms. A.A.Vijaya Jyothi, Asst. Professor,	Dept. of English & Humanities	Child labour in India: Issues and concerns	National	Introspecting the menace of child labour	
39	Ms. G.Serwani V.Swamy, Asst. Professor	Dept. of English & Humanities	Education Today (An International journal of Education & Humanities), ISSN 2229-5755,	International	Transcending Borders and Dichotomy of Transcultural Elements	
40	I Sri Lalitha Sarwani	IT	(IJCSIT) International Journal of Computer Science and Information Technologies	International Journal	A Brief Study on Defining Templates to Avoid XSS Vulnerabilities Using Auto Escape Templates for Web Applications	0
41	Ch.Rajesh	IT	(IJCSIT) International Journal of Computer	International Journal	A Brief Study on Defining Templates	0

			Science and Information Technologies		to Avoid XSS Vulnerabilities Using Auto Escape Templates for Web Applications	
42	K S V Krishna Srikanth	IT	(IJCSIT) International Journal of Computer Science and Information Technologies	International Journal	A Brief Study on Defining Templates to Avoid XSS Vulnerabilities Using Auto Escape Templates for Web Applications	0
43	S.anand kumar	Mathematics	International Journal of Applied mathematics	International	Influence of the interfacial stiffness constants on lamb wave propagation in a bi-layer	
44	G.Suryanarayana	Mathematics	Perspacetime Journal	International	Kantowski-Sachs Holographic Cosmological Model in Saez-Ballester Theory of Gravitation	
45	G.Suryanarayana	Mathematics	Perspacetime Journal	International	A Tilted Cosmological Model in Brans-Dicke Theory of Gravitationc	
46	P.Ramya, A.HemanthKumar Jaswnth Moturi & N.Ramanaiah	Mechanical	International Journal of Engineering Trends and Technology (IJETT)-	International	Analysis of Flow over Passenger Cars using Comutational Fluid Daynamics	
47	P.Ramya M.Raja Roy,M.Srinivasa Rao & N.Ramanaiah	Mechanical	International Journal of Engineering Trends and Technology (IJETT)-	International	Evaluation of % weight loss and Surface Roughness of Duplex Coated Ti6a14v Alloy using Taguchi Optimisation Technique	
48	Savarapu Swarna Bala, Kondapalli Siva Prasad*	Mechanical	Trends in Machine Design	International	Effect of Helix Angle on Performance of Helical Gear for Marine Applications	
49	Dr Kondapalli Siva Prasad	Mechanical	J.Manu.sci.Prod.	International	Study of Factors Surface Roughness and Tool Tip Temperature in Step Turning Using Factorial Technique	

50	M.Sailaja, Kondapalli Siva Prasad	Mechanical	Journal of Advance in Mechanical Engineering and Technology	International	Study on Effect of Plain Milling parameters on Cutting Forces and Surface Finish Using Statistical Approach	
51	Dr Kondapalli Sivaprasad	Mechanical	J.Adv.Res.Manu.Sci.Metall. Engi	International	Review on Corrosion of Austenitic Stainless Steels in Chloride Medium	
52	Dr Kondapalli Sivaprasad	Mechanical	Journal of Materials & Marauullurgical Engineeiring	International	Review on Corrosion of welded Joints	
53	R.Chandra Mouli , M.S.S.Srinivasa rao & K.Ramji	Mechanical	Energy –ELSEVIER	International	Energy and exergy based thermidynamics analysis of reheat and regenerative Braysson cycle	4.844
54	K.Satyanarayan a, Vinodh Kumar Padala, Prof.T.V.Hanua mantha Rao & S.V.Uma Maheswara Rao	Mechanical	International Journal Engineering Technology Trends and Technology (IJETT)	International	Variable Compression Ration Diesel Engine Performance Analysis	
55	M.Amareswari Reddy,M.N.V.K rishna Veni , B.Naga Raju & M.Raja Roy	Mechanical	International Journal of Trends and Technology (IJETT)	International	Static Analysis of Crane Hook withI – Section and T- Section using Ansys	
56	M.N.V.Krishna Veni, M.Amareswari Reddy & M.Raja Roy	Mechanical	International Journal of Trends and Technology (IJETT)	International	Static Analysis of Crane Hook withI – Section and T- Section using Ansys	
57	M.N.V.Krishna Veni, M.Amareswari Reddy & B.Naga Raju	Mechanical	International Journal Engineering and Managament Research	International	Static Analysis of Crane Hook with I- Section using Ansys	
58	R.D.V.Prasad, M.Sailaja, D.Simhachalam & M.S.S.Srinivasa Rao	Mechanical	International Journal of Engineering and Management Research	International	Design and Fabrication of a System to Reduce Motion Sickness	
59	M.Chandra Sekhar, M.Sailaja, K.Satyanarayan a, T.V.Hanumanth a Rao & S.V.U.Uma Maheswa Rao	Mechanical	International Journal of Recent Scientific Research	International	Condition Monotoring and Detection of Unbalance Using Vibration Signature Analysis	

60	Dr K.Siva Prasad	Mechanical	J.Adv.Res.Manu.Mat.Sci.M etall.Engg.	Internation al	Review on Corrosion of Austenitic Stainless Steels in Chloride Medium	
61	Dr K.Siva Prasad	Mechanical	Journal of Automobile Engineering and Application	Internation al	Experimtnal Investigation on 4 Stroke Diesel Engine Using Waste Cook8ing Oil Biodiesel Fuel	
62	B.Pradeep Kumar, Dr N.V.N.Indra Kiran & J.V.Bhanu Tej	Mechanical	Internation Journal of Engineering and Management Research	Internation al	Effect of Cutting Parameters in Turning of Aluminium 2024 to Obtain Maximum MRR and Minimum Temprature by using RSM (Under Dry Condition)	
63	B.Pradeep Kumar, S.Phani Kumar & M.Raja Roy	Mechanical	Internation Journal of Engineering and Management Research	Internation al	Effect of Cutting Parameters in Turning of Aluminium 2024 to Obtain Maximum MRR and Minimum Temprature by using RSM (Under Wet Condition)	
64	M.Prasanth Kumar, D.Simhachalam & Prof.N.Ramanaia h	Mechanical	Journal of Material Science and Mechanical Engineering (JMSME)	Internation al	A review on Titanium – Niobium Shape Memory Alloys (SMA)	
65	M.Prasnth Kumar & D.Divya Chandirika	Mechanical	Journal of Material Science and Mechanical Engineering (JMSME)	Internation al	A Review on Photoelastic Stress Analysis	
66	M.Raja Roy, B.Naga Raju & S.Phanikumar	Mechanical	Internation Journal of Engineering and Management Research	Internation al	Design and Fabrication of Mechatro Hand	
67	R.D.V.Prasad, B.V.Ravi Teja & M.S.S.Srinivasa Rao	Mechanical	Internation Journal of Engineering and Management Research	Internation al	Structural & Thermal Analysis of Gas Turbine Blade at Varying Operating Conditions	
68	Barru Harish, Kondapalli Siva Prasad, G. Uma Maheswara Rao	Mechanical	Journal of Aerospace Engineering & Technology	Internation al	Static Analysis of 4-Blade Marine Propeller	
69	P.Chandara Sekhar & M.Raja Roy	Mechanical	Internation Journal of Engineering and Management Research	Internation al	Experimentation and Analysis of liquid Cooling System for Electronics Cooling	
70	R.Chandra Mouli , M.S.S.Srinivasa	Mechanical	Energy –ELSEVIER	Internation al	Parametric and optimization studies of reheat and	4.844

	rao & K.Ramji				regenerative Braysson cycle	
71	Mr B.Brahmaji	Physics	Optical Materials	International	Optical investigations on Tb ³⁺ doped L-Histidine hydrochloride mono hydrate single crystals grown by low temperature solution techniques	
72	Mr B.Brahmaji	Physics	International Journal of ChemTech Research	International	Structural and Dielectric studies on unidirectional growth of organic nonlinear optical single crystals of Trans-4-HydroxyL-Proline by Sankaranarayananan –Ramasamy method	
73	Prof. R. Govardhana Rao	EEE	International Journal of Multidisciplinary Research Centre (IJMRC)	International	A New Control Strategy to Control the Power Flow in HVDC Link using Fuzzy Logic Controller, Artificial Neural Networks and Conventional PI Controller	---
74	Dr. G. Raja Rao	EEE	International Journal of Multidisciplinary Research Centre (IJMRC)	International	Design and Implementation of SMC Controller for a Linear Second Order System with Disturbance	---
75	Mr. S. Balamurali	EEE	International Journal of Multidisciplinary Research Centre (IJMRC)	International	Robust Control of DC Motor Using PID, Fuzzy and Sliding Mode Control	---
76	Mr. Kottala Kiran Kumar	EEE	International Journal of Multidisciplinary Research Centre (IJMRC)	International	Design of a Two Stage ANN Based GPI Controller with Fast Online Algebraic Identification Method of SCARA Robot	---
77		EEE	International Journal of Multidisciplinary Research Centre (IJMRC)	International	Design of Induction Machine and Internal Parameter Sensitivity Reduction using Field Oriented	---

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78	Dr. G. Raja Rao	EEE	International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS)	International	3-phase Inverter with Sliding Mode Control	---
79	Mr. N. Kiran, Mrs. K. Lavanya, Mr. Trinadhbabu and Mr. M. Sudheer Kumar	EEE	International Journal of Innovation and Scientific Research (IJISR)	International	Comparative analysis of Two-level Sinusoidal PWM and Space Vector PWM Inverter fed Three-phase Induction Motor	---
80	Mr. N. Kiran	EEE	International Journal for Science and Advance Research In Technology (IJSART)	International	Voltage Mode Control and Current Mode Control of Buck Converter using PSIM	---
81	Mr. R. Satish	EEE	Journal of Power Systems & Microelectronics (JPSM)	International	Dynamic Data Structure for Load Flow Analysis of Unbalanced Distribution Networks	---