

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) in Accredited Institutions
(Revised in October 2013)



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

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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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 (capuaqar@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.

Mandatory Submission of AQAR by IQAC

So far submission of AQARs was not a Mandatory requirement for Institutions applying to NAAC 2nd and subsequent cycles of Assessment and Accreditation (A&A). It has now been decided by the Executive committee of NAAC that **regular submission of AQARs should be made mandatory for 2nd and subsequent cycles of accreditation.**

In view of the decision of **Executive Committee of NAAC** the following will be the pre-requisites for submission of LOI for all Higher Education Institutions (HEIs) opting for 2nd and subsequent cycles of A& A **with effect from 16th September 2016:**

- Having a functional IQAC.
- The minutes of IQAC meeting and compliance to the decisions should be uploaded on the institutional website.
- Mandatory submission of AQARs on a regular basis for institutions undergoing the second and subsequent cycles of Assessment and Accreditation by NAAC.
- Upload the AQAR's on institutional website for access to all stakeholders.

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

1. Details of the Institution

1.1 Name of the Institution

PRAGATI ENGINEERING COLLEGE

1.2 Address Line 1

#1-378

Address Line 2

ADB Road

City/Town

SURAMPALEM

State

ANDHRA PRADESH

Pin Code

533437

Institution e-mail address

pragati@pragati.ac.in

Contact Nos.

08852-252233, 252234, 252235

Name of the Head of the Institution:

Dr. S.SAMBHU PRASAD

Tel. No. with STD Code:

08852-252233

Mobile:

07893103266

Name of the IQAC Co-ordinator:

Dr.M.Radhika mani

Mobile:

9440484800

IQAC e-mail address:

iqac@pragati.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN20770

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)

EC(SC)/07/A&A/01 dated 11/05/2015

1.5 Website address:

www.pragati.ac.in

Web-link of the AQAR:

http://pragati.ac.in/iqac/

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	3.08	2015	5
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

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

21/04/2014

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

2016-2017

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 2015-16 submitted to NAAC on 20/10/2016 (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

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)

Jawaharlal Technological
University Kakinada, Kakinada

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

Autonomy by State/Central Govt. / University

University & UGC

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme

-

DST-FIST

-

UGC-Innovative PG programmes

-

Any other (*Specify*)

-

UGC-COP Programmes

-

2. IQAC Composition and Activities

2.1 No. of Teachers

08

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

02

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and
community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

Nil

2.9 Total No. of members

16

2.10 No. of IQAC meetings held

05

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

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

Outcome based Education and Accreditation

2.14 Significant Activities and contributions made by IQAC

IQAC is involved in enhancing Standards in academic activities and administration as follows:

- Implementation of Outcomes Measurement for the courses in the Programme
- Standardization of internal assessment pattern for all UG / PG Programmes
- Effective implementation of learning management system (MOODLE).

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 *

Plan of Action	Achievements
To impart Quality Education	(i) Quality of Assignments and Teaching Aids & tools are enhanced. (ii) Provision of additional Infrastructural facilities. Enhanced learning environment. (iii) Semester wise Academic Data from HODs is collected and analyzed. (iv) Feedback is taken from stakeholders for the improvement of

	teaching-learning processes. .
To provide need based Teaching	(i) Additional revisions on the topics in syllabus by and practical sessions are conducted. (ii) Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
To encourage staff and students Participation in seminar, workshop and conference.	(i) Faculty members attended faculty development programs to enrich expertise in their domain and knowledge of latest trends. (ii) Sponsored students to participate in national level inter institution Competitions/seminars/workshop.
To improve student's performances on the basis of monitoring system.	(i) Software (Online Academic Activity Portal) is designed and developed to facilitate the faculty to enter the details of hourly attendance, coverage of syllabus and internal exam marks for each class.
To delink Assignment Test and Sessional Test	(i) Delinked the Assignment Test from Sessional Examinations. (ii) Unit wise Assignments conducted after completion of syllabus of each unit.
To Send SMS alert to the parents about progress of their wards.	(i) Alerts of attendance and performance are sent to the parents by SMS (ii) Communications with parents is done through SMS , letters and by phone.

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☐ Syndicate ☐ Any other body ☐

Provide the details of the action taken

The IQAC meets regularly to discuss on various issues relating to teaching learning process, Research & Development, Placements, Curriculum updates/revisions. The plans of the IQAC are submitted to the Principal, who in turn is shared to all the Heads of the departments

Part – B

Criterion – I

1. 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	-	-	-	-
PG	05	-	05	-
UG	06	-	06	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	-	-	-
Others	-	-	-	-
Total	12	01	11	-

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

The curriculum structure is designed by the Board of Studies (BOS) of various departments. The BOS has considered the inputs from various stakeholders and designed the curriculum according to the CBCS. The curriculum contains core subjects, open electives and department specific electives. To fill the gaps between industry and academia, the curriculum has introduced various courses viz., mini project, term paper and MOOCs etc.

Basic Engineering Sciences: Basic Engineering Science courses provide the knowledge, skills and attitude expected in UG engineering graduates of all programs.

- Basic Sciences Physics, Chemistry and Mathematics
- Humanities and Social Sciences
- Environmental studies course provides awareness on environment for making it sustainable.

Engineering : It contains of set of courses necessary for the students of the specific program. The courses under this category should satisfy the program specific criteria prescribed by the appropriate professional societies.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	yes
Trimester	Nil
Annual	Nil

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

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.

- Updated syllabi are proposed for autonomous batch in 2016.
- For every three years curriculum is revised.

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
242	206	21	15	-

2.2 No. of permanent faculty with Ph.D.

Total
13

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
35	-	-	02	01	02	07	-	43	04

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest Faculty	Visiting Faculty	Temporary Faculty
-	23	-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	02	02	00
Presented papers	10	08	00
Resource Persons	00	04	04

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

- Lesson Plans are prepared in each subject by the faculty members concerned at the beginning of the each semester.
- Web resources such as MOODLE one being used by faculty for course materials to conduct various online programmes like quizzes etc.
- Video lessons (NPTEL & MIT) are made available and being used for the better understanding the concepts of various subjects.
- Teacher's dairy, and lesson plans are being monitored by the concerned HOD periodically
- Project works are assigned to the students.

2.7 Total No. of actual teaching days

180

during this academic year

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

- As the Institution is affiliated to JNTUK, Kakinada during 2016-17, the examination/evaluation procedures are governed by the university are being followed
- 40 marks earmarked for internal evaluation of the respective theory subjects.
- 60 marks earmarked for external evaluation of the respective theory subjects.
- Marks earmarked for assignments of the respective theory subjects. This has created a positive impact on attendance and the results.
- Project Seminars and Assignment are made as a part of evaluation.

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

Curriculum restructuring	revision	syllabus development
146	24	08

2.10 Average percentage of attendance of students

75

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CE (B.Tech)	72	48	31.9	12.5	6.9	60.8
EEE (B.Tech)	133	53	44	1	-	73.68
PE&ED (M.Tech)	07	07	-	-	-	100
ME (B.Tech)	213	67	85	4	-	73.23
CAD/CAM (M.Tech)	4	-	-	-	-	-
ECE (B.Tech)	283	67.5	24.3	0.035	0.039	91.874
VLSI & ES (M.Tech)	21	38	4	-	-	42
CSE (B.Tech)	129	4	61	54	4	101
CSE&CS (M.Tech)	15	5	7	-	-	80
BS&H	978	54.32				

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

- Evaluation of project reports from the departments and after quality evaluation placed for the discussion in IQAC meetings
- Assessment of course files and the attainment of Course Outcomes
- Encouragement of the new methods of teaching adopted by the faculty and shares the same among other faculty
- Create policies and procedures to enrich the teaching and learning process
- Continuous assessment of students through examination results, curricular and co- curricular activities through self appraisals, feedback from the students on the quality teaching of the faculty.
- Prepares action Plan Report and the Principal takes necessary measures to implement them.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	03
HRD programmes	-
Orientation programmes	21
Faculty exchange programme	02
Staff training conducted by the university	14
Staff training conducted by other institutions	21
Summer / Winter schools, Workshops, etc.	43
Others	-

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	66	-	05	-
Technical Staff	30	-	06	-
Other	133	-	-	

Criterion – III

3. Research, Consultancy and Extension

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

- Incentives for publications to faculty

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	01	01	-
Outlay in Rs. Lakhs	-	26,94,300/-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	-	-	01
Outlay in Rs. Lakhs	4,20,000/-	-	-	4,20,000/-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	48	-	-
Non-Peer Review Journals	-	-	-
e-Journals	18	-	-
Conference proceedings	07	02	-

3.5 Details on Impact factor of publications:

Range	Average	h-index	Nos. in SCOPUS
2.8-6.7	3.95	13	04

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	02	BRNS,BARC,MUMBI	26,94,300/-	18,25,950/-
Minor Projects	02	UGC, SERO	4,20,000/-	3,99,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/	-	-	-	-

College				
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	02	BRNS,BARC,MUMBI	26,94,300/-	18,25,950/-

3.7 No. of books published

With ISBN No.	Chapters in Edited Books	Without ISBN No.
02	03	-

3.8 No. of University Departments receiving funds from

UGC-SAP	CAS	DST-FIST	DPE	DBT SCHEME/FUNDS
-	-	-	-	-

3.9 For colleges

Autonomy	CPE	DBT star scheme	INSPIRE	CE	Any Other
-	-	-	-	-	-

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

08

3.13 No. of collaborations

International	National	Any other
01	-	-

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
14,08,493/-	1,19,058/-	15,27,551/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	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
03	01	02	-	-	-	-

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

Faculty as Ph.D Guides	Students Registered
03	01

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
01	-	-	-

3.21 No. of students Participated in NSS events:

University level	State level	National level	International level
144	15	45	58

3.22 No. of students participated in NCC events:

University level	State level	National level	International level
25	-	-	-

3.23 No. of Awards won in NSS:

University level	State level	National level	International level
04	-	-	-

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
-	-	10	13	-

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

- Yoga day celebrations
- Vanam Manam Plantation
- Republic day celebrations
- International Ozone day
- Digital India
- Domalapai dandayatra
- Constitution day

- Organ Donation awareness
- Road safety program
- World cancer day
- Blood donation camp
- Independence day celebrations
- Digital transactions awareness camp
- World environment day celebrations
- National unity day

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	25.2 Acres	-	College Management	25.2 Acres
Class rooms	68	-	College Management	68
Laboratories	72	01	College Management	73
Seminar Halls	09	-	College Management	09
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	21	05	College Management	26
Value of the equipment purchased during the year (Rs. in Lakhs)	74,17,977/-	62,74,014/-	College Management	1,36,91,991/-
Others	--	--	--	--

4.2 Computerization of administration and library

- Library administration is fully computerized (KOHA)
- Implemented bar coding system.
- Computerization for search, indexing, issue/return records
- Digital Library
- Wi-Fi facility for the Library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40505	1,01,81,088.13	3219	7,56,864	43724	1,09,37,952.13
Reference Books	3774	8,18,351.53	96	43,426	3870	8,61,777.53
e-Books	1159		-	-	-	1159
Journals	29	12,72,340	97,142		13,69,482	
e-Journals	ELSE VIER, DELN ET, INFLI BNET	6,16,500				6,16,500/-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computer s	Compute r Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	861	20	50	1	1	1	6	-
Added	108	2	50	-	-	-	-	84
Total	969	22	100	1	1	1	6	84

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

05

4.6 Amount spent on maintenance in lakhs:

i) ICT

56,97,733/-

ii) Campus Infrastructure and facilities

5,09,89,032/-

iii) Equipments

62,74,014/-

iv) Others

8,96,30,432/-

Total :

30,99,85,292/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC has been enhancing awareness continuously through circulars and meetings about the student support services.
- The students are provided services through facilities like Canteen, Library , ATM, Reading rooms, Games and Sports, Transportation, Health care, Computing, NSS, NCC etc. and they are actively participating and using all such services.
- Students are trained by CRT programs for increasing the chances of employability and by IIP/EMD cell programs for improving their entrepreneur skills.
- Skill Development Programmes, Training Programmes etc.,

5.2 Efforts made by the institution for tracking the progression

- Progression of Students during the semester is monitored through:
 - Day to day attendance in theory & lab classes and intimation to the parents
 - Performance of student in internal examinations
- Progress semester after semester is monitored through:
 - The performance of the students in the end semester examinations
 - Participation in Co curricular and Extracurricular activities

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
UG-I st shift - 3698 UG-II nd shift- 240 Total- 3938	65	-	-

(b) No. of students outside the state

-

(c) No. of international students

Total
-

Men	Men %	Women	Women %
UG-I st shift – 2450 UG-II nd shift- 137 PG- 28 Total- 2615	65.33	UG-I st shift – 1248 UG-II nd shift- 103 PG- 37 Total- 1388	34.67

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
UG-Ist shift											
1617	410	29	1161	-	3318	1747	458	35	1458	-	3698
UG-IInd shift											
93	02	-	24	-	119	165	10	-	65	-	240
PG											
49	08	-	34	-	93	28	09	-	28	-	65

Demand ratio

Dropout %

94.58

-

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

- Providing Online MCQ,,s for the preparation of the GATE, CAT, GRE ...etc.
- Personality development and student training programmes are part of the curriculum.
- Proposed to conduct special coaching by senior faculty.
- Intensive coaching in English language and Communication Skills periodically.
- GATE, CRT program

No. of students beneficiaries

30

5.5 No. of students qualified in these examinations

NET	SET/SL ET	GATE	CAT	IAS/IPS etc.	State PSC	UPSC	Others
-	-	8	-	-	-	-	-

5.6 Details of student counselling and career guidance

- Continuous Counseling process is followed which resulted in improved student performance
- CRT Classes conducted by Training and Placement Cell for better employment opportunities of students
- Students are encouraged to participate in competitions conducted by Universities / Colleges.

No. of students benefitted

3938

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
52	591	324	13

5.8 Details of gender sensitization programmes

<ul style="list-style-type: none"> National Women's day was celebrated in the campus

5.9 Students Activities

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

State/University level	National level	International level
18	05	-

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
02	-	-

Cultural:

State/University level	National level	International level
-	-	-

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	489	72,85,000/-
Financial support from government	2281	9,36,38,900/- (Received 8,67,50,300/-)
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives Fairs :

State/University level	National level	International level
-	05	-

Exhibition:

State/University level	National level	International level
-	-	-

5.12 No. of social initiatives undertaken by the students

<ul style="list-style-type: none"> • Blood donation camp • Vanam Manam plantation • Digital India program • Road safety program

5.13 Major grievances of students (if any) redressed:

Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To emerge as a premier Institution for Technical Education in the country through Academic Excellence and be recognized as a centre for Excellence in Research & Development, Catering to the needs of our Country.

Mission:

To realize a strong Institution by consistently maintaining State-of the-art-Infrastructure and building a cohesive, world class team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.

6.2 Does the Institution has a management Information System

YES, Institute has its own MIS developed by the faculty to manage general administration, examinations, student attendance and continuous evaluation process.

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

6.3.1 Curriculum Development

The syllabus is developed for autonomous R16 regulation for both UG/PG programs.

6.3.2 Teaching and Learning

We aspire to continuously improve our performance through systematic monitoring and up gradation of all aspects of Teaching – Learning Process and Research & Development.

- Problem based learning
- Pre placement training
- Initiative to Carry out campus placement drives
- Encouragement of Staff and Students towards Research
- Guidance to students for getting admission for higher studies.
- Encouraging students to do mini projects in the concerned subjects
- Expert lectures/NPTEL lectures to create awareness to students
- Conduction of Skill Development training programs
- PPT presentation on theoretical concepts
- Periodical evaluation of results of the students in semester end examinations
- Conduction of Remedial classes for the academically backward students
- Separate mechanism on teaching and learning process based on course outcomes
- Usage of Moodle-Online learning resources

6.3.3 Examination and Evaluation

The college has got UGC autonomous status from academic year 2016-17. Following are the details of the evaluation procedure for mid and end examinations.

Theory Subjects

i. Internal assessment : 40 marks

For the Mid examinations there shall be two tests, one conducted in the middle and the other at the end of each semester. The duration of each test is two hours. The question paper contains Part-A and Part-B. Part-A consists of three questions. Out of three questions two questions carry seven marks and one question carry six marks. Part-B consists of twenty objective type questions each carry half mark. Answering all questions is compulsory.

b) Students shall submit assignments at the end of each unit in the syllabus and the marks allotted for the assignments are 10.

c) The formula for finding the total marks of internal assessment (40 marks) = $0.80 \times$ higher marks scored between the two internal tests + $0.20 \times$ marks scored in the other test+ marks for the assignments.

ii. External assessment:

a) The end semester examination is of 3 hours duration and contains Part A and Part B. It covers all the topics in all the 6 units and the weightage is 60 marks.

b) Part A consists of 6 short questions each carrying 2 marks ($6 \times 2 = 12$ marks). These 6 questions are compulsory and cover all the 6 units in the syllabus.

c) Part B consists of 6 essay type / numerical questions, One question is set from each unit in the syllabus. Some questions may have sub sections. The student has to answer 4 out of 6 questions, each question with a weightage of 12 marks ($4 \times 12 = 48$ marks).

Laboratory Courses

i. Internal assessment: 40 marks

There shall be continuous evaluation during the semester for 40 marks as shown below:

Day-to-Day work and laboratory record - 25 marks

One internal test at the end of the semester- 15 marks

Total-

40 Marks

ii. External Assessment:

At the end of the semester an examination for 3 hours duration shall be conducted for 60 marks by the concerned teacher and an external examiner.

ii.External assessment:

Same as for theory subjects given in 6.1.ii.

Mini Project /Term paper

There shall be a Mini Project/Term paper in the III year I / II semester. It has a weightage of 50 marks and evaluated internally at the end of the semester.

Project Out of a total of 200 marks for the Project work, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination. The End Semester Examination (Viva-voce) shall be conducted by the committee. The committee consists of an external examiner, Head of the Department and Supervisor of the Project. The Evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project and evaluated by an internal committee.

Seminar

For the Seminar, Each student has to be evaluated based on the presentation of any latest topic with a report of 10 -15 pages and a power point presentation of minimum 10 slides. The student

shall collect the information on a specialized topic and prepare a technical report, showing his understanding of the topic, and submit to the department, which shall be evaluated by the Departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 50 marks. There shall be no external examination for seminar.

6.3.4 Research and Development

- R&D Division is established to give support in terms of guidance for applying projects for funding.
- R&D committee to review and motivate research programmes.
- Incentives for research publications
- Conducting awareness programs by experts from funding agencies such as BRNS/ISRO/UGC/DST

6.3.5 Library, ICT and physical infrastructure / instrumentation

The college has a central library with plinth area 2797. 96 sq m with all modern facilities. The library has the following resources:

Titles :

Total No. of volumes : 43724

Reference Books : 3870

Library Automation : KOHA software is used.

e-books : 1159

e-journals : 6,16,500/-

Print Journals : 29

Book Bank for SC/ST : Available

Back Volumes of Project Reports : Available

Seating Capacity : 300 Nos.

Timings : 9.00 am to 7.00 pm

Digital Library

Number of Computers : 25

Broad Band Internet Connectivity : 100 Mbps

Library Server : 1 Server Model HP280 G1MT Intel Core i5-4590S, 3.0 GHZ, 8GB RAM, HDD 1TB

E-Learning Materials : 1998 Hours of NPTEL Video Courses on 149 Subjects; 123 Hours of SONET Video Course on 15 subjects.

Media Resource Centre : Reprographic and Printing Documentation.

Number of users per day : 250 (on average)

- The students are encouraged to utilize the learning materials available in the library.
- The faculty and students avail the benefit of video lectures like NPTEL, NME –ICT.
- The faculty and students refer to the online and print journals for literature to publish/ present technical papers.
- Students refer to the e-learning resource material to enhance their technical knowledge.
- The library and Internet centre are kept open beyond the working hours of institution.
- AICTE-Elseweir-Engg-COMP.sc (Package online_ for 1 year

6.3.6 Human Resource Management

- Faculty annual assessment by Self Appraisal Performa (SAP)
- Orientation programme is conducted for new faculty members
- Support and guidance is provided for carrying research activities, presenting papers in conferences and publishing papers in reputed journals
- Faculty members are motivated to submit research proposals to various National funding agencies
- Faculty members are encouraged to obtain higher qualification.
- Faculty are encouraged to participate in FDPs, Seminars and Workshops Organized by Industries and reputed Institutions

6.3.7 Faculty and Staff recruitment

Vacancies are advertised news papers and the primary recruitment is done and to be ratified by the affiliating university after the final selection through interview and the post will be ratified by the affiliating University.

6.3.8 Industry Interaction / Collaboration

- The Institution has Collaborations/MoUs/Agreements with other organizations
- Tata Consultancy Services (TCS)
- Infosys –Campus Connect
- Mission R&D
- Confederation of Indian Industry (CII)
- Indo-US Collaboration for Engineering Education (IUCEE)
- TCS iON
- Talent Sprint
- Global Shapers Forum
- Monster India
- Nicco Ventures
- HYDSPIN (Hyderabad Software Process Improvement Network)
- “IoT with Cloud” – Center of Excellence through LOFTYSOFT AB (Sweden) and GETWINGS (Ahmedabad)

6.3.9 Admission of Students

70% of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30% of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh from time to time.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> Free medical checkup and treatments at college dispensary run by the College Management in the college campus. Group insurance facilities Free transportation. Laptops are provided to all heads of the departments
Non teaching	<ul style="list-style-type: none"> Free medical checkup and treatments at college dispensary run by the College Management in the college campus. Group personal accidental Insurance
Students	<ul style="list-style-type: none"> Sanction of scholarships by the College Management to meritorious students to encourage them and to free them from financial burden. Sponsoring gold medals to the toppers of all branches on the names of renowned (late) persons of the society to encourage competitive spirit among the students by Management. Students safety policy Group personal accidental Insurance Dispensary in college campus to look after the medical needs.

6.5 Total corpus fund generated

Yes

6.6 Whether annual financial audit has been done

Yes

v

 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	College
Administrative	No	-	Yes	College

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

For UG Programmes Yes ☒ No ☐

For PG Programmes Yes ☒ No ☐

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

For University affiliated students, End Examination question paper to be given by the affiliating University and Evaluation process involves coding & decoding of answer scripts etc and Recounting and Revaluation of answer Scripts by the affiliating university. For Autonomous batch students, all these are performed with the college examination section.

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

The affiliating university, JNTUK nominates the eminent personalities for the college Governing body, Academic Council and Board of Studies to design the curriculum and provide the suggestions to improve the quality of education in the college.

6.11 Activities and support from the Alumni Association

- Alumni meets are conducted annually and lectures by alumni are arranged by all departments.
- Alumni interacts with the present students to motivate and guide
- Alumni assist in placement activity by giving references to Training & Placement Officer.

6.12 Activities and support from the Parent – Teacher Association

- Informal meetings are being conducted to identify the issues related to students.
- Presently parent teacher association is not in existence, however, feedback from parents is collected at times and it is analyzed for taking measures further development of the Institution at all levels

6.13 Development programmes for support staff

- Supporting staff are encouraged to continue their education for improvement of their qualification.

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

- Sprinkler system is used for Greenery and Lawns
- Plantation is set in majority places of the campus and maintained to make campus as eco- friendly
- Swachh bharat program

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.

- Continuous monitoring of progress in syllabus completion through online academic activity report.
- Monitoring of students performance in mid-term exams, attendance, arranging
- Student Interaction and Counseling by faculty members.
- By taking student feedback regularly on effectiveness in teaching.
- By making available class rooms with LCDs etc.
- Subscribing to technical magazines, journals of high repute and proceedings and by subscribing for membership in DELNET and subscribing for all journals prescribed by AICTE for effective knowledge sharing.
- Established Research Development Division in Chemistry Department which is useful for both students and faculty for doing mini projects, projects and research of interdisciplinary nature in Science & Engineering.
- Remedial classes for slow learners are conducted.
- Encouragement of students for internship during summer vacation.
- Encouragement of students in extracurricular activities viz., Sports, NCC, NSS & Cultural etc. for a overall development.
- Encouragement and Motivation of the faculty to submit proposals for sanction of research grants from National funding agencies.

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

IQAC planned the objectives for current year 2016-17 and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction were suggested appropriately whenever required.

Activity Planned	Status of Activity / Action Taken
Academic Schedule	Implemented as per the schedule
Course delivery	Completed as per the lecture schedules

Workshops/Seminars/Guest Lecturers/ Training programs	Conducted as per the proposals
Sending applications for Research funding	Proposals are submitted in the prescribed format of the concerned National Funding agencies.

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

- Enhancing student skill set
- Comprehensive Student Monitoring System

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

- Offering Environmental Science as a compulsory subject
- Planting of trees in the campus
- Construction of rain water harvesting pits in the campus
- Environment Day Celebration
- Conducting environmental awareness workshops/ seminars by inviting the experts through Eco club of the college
- Organizing Swacha Bharath campaign etc.,

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

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

- Private Self Financing Engineering College established in the year 2001.
- Accredited by NAAC with “A” grade in the year 2001.
- Permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK) since 2011.
- Accredited by NBA in the year 2012 and recognized by UGC under sections 2(f) and 12(B) of UGC act, 1956.
- State-of-the-art laboratories
- Wi-Fi enabled campus
- In house training & placement cell, Entrepreneurship development cell, R&D and consultancy division.
- One among the 17 colleges selected as Skill Development Centres by Govt, of Andhra Pradesh

- IoT with Cloud- Centre of Excellence through LOFTYSOFT AB (Sweden)
- Chemistry Research Laboratories and Mobile Computing Research Lab
- Professional Society Memberships in ISTE, IEEE, IETE and CSI
- Well experienced faculty
- Selected for Microsoft Azure Grant- One among 750 universities/colleges across 74 countries in the world.
- Selected for Remote Internships by TCS- One among 04 colleges in A.P.
- First college recognized as “Centre of Excellence” in the country by Infosys Ltd.
- Advanced college status by Infosys Ltd.
- Accredited by Tata Consultancy Services (TCS).
- Tata Consultancy Services Awards “Best Outgoing Student” and “Best Student Project” every year.
- NPTEL local chapter and identified as one among 97 active colleges in India by NPTEL.
- Rated as one among the top 10 colleges by Silicon India.
- Ranked 4^{*} rating (on a scale of 5) by career connect.
- Graded with AAA rating by Career 360 for 2016.
- Identified as one among the top 25 colleges in AP and Telengana by Edurand
- Wider reach- transportation facility connecting places in and around Kakinada & Rajahmundry.

8. Plans of institution for next year

Research

- Encourage the faculty to submit research proposals for research grants from various funding agencies like DST/AICTE/UGC/DRDO/ISRO/BRNS/MoEF etc....
- Motivate faculty to attend seminars and workshops, conferences and publish papers in reputed journals.
- Organizing department wise conferences/seminars on contemporary topics.

Teaching and Learning

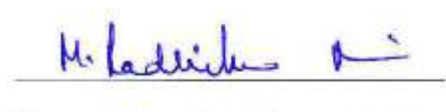
- Effective monitoring of the attainment of course outcomes, programme outcomes and programme educational objectives.
- Adapting innovative delivery methods.
- Collaboration with industry and institution of repute.

Infrastructure

The institution would like to organize the following programs.

- Strengthening of networking and computing facilities
- Enhancing the built up space as per the sanction intake.
- Uplifting the sports ground and facilities for sports and games.
- Conducting FDP programs on current topics.
- Obtaining NBA accreditation for UG programs.
- Organizing campus recruitment training program to students to enhance their employability skills.

Name Dr. M. Radhika Mani



Signature of the Coordinator, IQAC

Name Dr. S. Sambhu Prasad



Signature of the Chairperson, IQAC

Annexure I

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

Annexure II
Academic Calendars



PRAGATI ENGINEERING COLLEGE

(An Autonomous Institution)

1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist, A.P.
(Permanently Affiliated to JNTUK, Kakinada and Accredited by NAAC with 'A' Grade)
Recognized by UGC 2(f) and 12(b) under UGC act, 1956, Ph : (08852) 252233, 252234, Fax : 252232

Date: 06-07-2016

Dr.S.Sambhu Prasad,
B.E.,M.E.,Ph.D. (Engg.),MBA,
Principal

Proposed Academic Calendar for B.Tech 2016 Admitted Autonomous Batch

Academic Year 2016-17

B.Tech I year I semester			
Description	From	To	Working Days
Commencement of Class Work	07-07-2016	09-07-2016	Orientation & Bridge Course
I Unit of Instructions	11-07-2016	03-09-2016	46
I Mid Examinations	06-09-2016	13-09-2016	06
II Unit of Instructions	14-09-2016	08-11-2016	45
II Mid Examinations	09-11-2016	15-11-2016	06
Preparation & Practical's	16-11-2016	22-11-2016	06
End Examinations	23-11-2016	05-12-2016	13
B.Tech I year II semester (*)			
Commencement of Class Work	07-12-2016		Days
I Unit of Instructions	07-12-2016	04-02-2017	45
I Mid Examinations	06-02-2017	11-02-2017	06
II Unit of Instructions	13-02-2017	08-04-2017	49
II Mid Examinations	10-04-2017	17-04-2017	06
Preparation & Practicals	18-04-2017	24-04-2017	06
End Examinations	25-04-2017	06-05-2017	12

(*) Subject to modification after considering holidays in Calendar year 2017

Commencement of Class Work for II year I semester: 12-06-2017

S. Sambhu Prasad
PRINCIPAL

Copy to the Chairman,
Copy to the Director (Management),
Copy to the Vice-President,
Copy to all Directors,
Copy to the Vice Principal,
Copy to the Controller of Examinations, Pragati Engg. College,
Copy to All HoD's,
Copy to Administrative Office.



PRAGATI ENGINEERING COLLEGE (Autonomous)
(Approved by AICTE, Permanently Affiliated to JNTU, Kakinada & Accredited by NAAC)
1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist., A.P.
Ph: (08852) – 252233, 252234, 252235 Fax: (08852) – 252232



Academic Calender (2016-17) I Year I semester

Sl. No.	Dates	No. of Days available for class work	Holidays and List of activities to be done	Remarks
1	07.07.2016 to 09.07.2016	3	Orientation Program	*46 Days available for Class work ** First 3 units Syllabus to be covered
2	11.07.2016 to 16.07.2016	6	_____	
3	18.07.2016 to 23.07.2016	6	_____	
4	25.07.2016 to 30.07.2016	6	Assignment on 1st Unit	
5	01.08.2016 to 06.08.2016	6	Class test on 1st Unit	
6	08.08.2016 to 13.08.2016	6	Assignment on 2nd Unit	
7	15.08.2016 to 20.08.2016	5	Class test on 2nd Unit (15.08.2016 Independence Day)	
8	22.08.2016 to 27.08.2016	5	Assignment on 3rd Unit (25.08.2016 Sri Krishna Janmastami)	
9	29.08.2016 to 03.09.2016	6	_____	
10	06.09.2016 to 13.09.2016	0	I MID EXAMINATIONS Regular Class work must be taken as usual in the MID examination (05.09.2016 Ganesh chaturthi) & (12.09.2016 Bakri Id)	
11	14.09.2016 to 17.09.2016	4		*45 Days available for Class work ** Syllabus to be covered in remaining 3 units
12	19.09.2016 to 24.09.2016	6	_____	
13	26.09.2016 to 01.10.2016	6	Assignment on 4th Unit	
14	03.10.2016 to 08.10.2016	6	Class test on 4th Unit	
15	10.10.2016 to 15.10.2016	3	Assignment on 5th unit (11.10.2016 Dasara) (12.10.2016 Moharram)	
16	17.10.2016 to 22.10.2016	6	Class test on 5th unit	
17	24.10.2016 to 29.10.2016	6	Assignment on 6th unit	
18	31.10.2016 to 08.11.2016	8	_____	
19	09.11.2016 to 15.11.2016	0	II MID EXAMINATIONS	
20	16.11.2016 to 22.11.2016	6	Preparation & Practicals	
21	23.11.2016 to 05.12.2016	13	Semester End Examinations	
Total days available for class work = 91 days = 15.16 weeks				
No. of Classes to be taken for each subject @ 4 periods per week = 15 x 4= 60 Periods				
No. of Tutorial hours to be conducted @ 1 period per week = 15 x 1= 15 Periods				
Total periods to be taken = 75 hours				

Spramidi
PRINCIPAL

Grams: "TECHNOLOGY"
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Directorate of Academics & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/II Year/2016-17

Date: 12-05-2016

Prof. K. Padma Raju
B.Tech, M.Tech, Ph.D.
Professor of Electronics and Communication Engineering &
Director, Academics & Planning

To
The Principals of Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR B.TECH 2015 BATCH

B.TECH II YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	13-06-2016		
I Unit of Instructions	13-06-2016	06-08-2016	8W
I Mid Examinations	08-08-2016	13-08-2016	1W
II Unit of Instruction	16-08-2016	08-10-2016	8W
II Mid Examinations	10-10-2016	15-10-2016	1W
Preparation & Practicals	17-10-2016	22-10-2016	1W
End Examinations	24-10-2016	05-11-2016	2W
Commencement of Class Work	21-11-2016		
B.TECH II YEAR II Semester			
Commencement of Class Work	21-11-2016		
I Unit of Instructions	21-11-2016	14-01-2017	8W
I Mid Examinations	16-01-2017	21-01-2017	1W
II Unit of Instruction	23-01-2017	18-03-2017	8W
II Mid Examinations	20-03-2017	25-03-2017	1W
Preparation & Practicals	27-03-2017	01-04-2017	1W
End Examinations	03-04-2017	15-04-2017	2W
Commencement of Class Work	12-06-2017		


Director Academics and Planning
JNTUK Kakinada

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Directorate of Academics & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/III Year/2016-17


Date: 12-05-2016

Prof. K. Padma Raju
B.Tech, M.Tech, Ph.D.
Professor of Electronics and Communication Engineering &
Director, Academics & Planning

To
The Principals of Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR B.TECH 2014 BATCH

B.TECH III YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	13-06-2016		
I Unit of Instructions	13-06-2016	06-08-2016	8W
I Mid Examinations	08-08-2016	13-08-2016	1W
II Unit of Instruction	16-08-2016	08-10-2016	8W
II Mid Examinations	10-10-2016	15-10-2016	1W
Preparation & Practicals	17-10-2016	22-10-2016	1W
End Examinations	24-10-2016	05-11-2016	2W
Commencement of Class Work	21-11-2016		
B.TECH III YEAR II Semester			
Commencement of Class Work	21-11-2016		
I Unit of Instructions	21-11-2016	14-01-2017	8W
I Mid Examinations	16-01-2017	21-01-2017	1W
II Unit of Instruction	23-01-2017	18-03-2017	8W
II Mid Examinations	20-03-2017	25-03-2017	1W
Preparation & Practicals	27-03-2017	01-04-2017	1W
End Examinations	03-04-2017	15-04-2017	2W
Commencement of Class Work	19-06-2017		


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Directorate of Academics & Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA

Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/IV Year/2016-17

Date: 12-05-2016

Prof. K. Padma Raju
B.Tech, M.Tech, Ph.D.
Professor of Electronics and Communication Engineering &
Director, Academics & Planning

To
The Principals of Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR FOR B.TECH 2013 BATCH

B.TECH IV YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	27-06-2016		
I Unit of Instructions	27-06-2016	20-08-2016	8W
I Mid Examinations	22-08-2016	27-08-2016	1W
II Unit of Instruction	29-08-2016	22-10-2016	8W
II Mid Examinations	24-10-2016	29-10-2016	1W
Preparation & Practicals	31-10-2016	05-11-2016	1W
End Examinations	07-11-2016	19-11-2016	2W
Commencement of Class Work	05-12-2016		
B.TECH IV YEAR II Semester			
Commencement of Class Work	05-12-2016		
I Unit of Instructions	05-12-2016	28-01-2017	8W
I Mid Examinations	30-01-2017	04-02-2017	1W
II Unit of Instruction	06-02-2017	01-04-2017	8W
II Mid Examinations	03-04-2017	08-04-2017	1W
Preparation & Practicals	10-04-2017	15-04-2017	1W
End Examinations	17-04-2017	29-04-2017	2W


Director Academics and Planning
JNTUK Kakinada

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PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTU, Kakinada & Accredited by NAAC

1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist., A.P.

Ph: (08852) – 252233, 252234, 252235 Fax: (08852) – 252232



Academic Calender (2016-17) IV Year II semester				
Week No.	Dates	No. of Days available for class work	Holidays and List of activities to be done	Remarks
1	05.12.2016 to 10.12.2016	6		* 42 Days available for Class work . 7 week
2	12.12.2016 to 17.12.2016	5	12.12.2016 (Id-E-Milad nabi)	
3	19.12.2016 to 24.12.2016	6		
4	26.12.2016 to 31.12.2016	6		
5	02.01.2017 to 07.01.2017	6		
6	09.01.2017 to 14.01.2017	2	09.01.2017 to 10.01.2017 (STRIDES) 11.01.2017 (PRISM) 12.01.2017 to 14.01.2017 (Pongal Holidays)	* @ 9 Periods per week * All 6 units to be covered
7	16.01.2017 to 21.01.2017	6		
8	23.01.2017 to 28.01.2017	5	26.01.2017 (Republic Day)	
9	30.01.2017 to 04.02.2017	0	I MID EXAMINATIONS	
10	06.02.2017 to 11.02.2017	6		
11	13.02.2017 to 18.02.2017	6		* 45 Days available for Project work
12	20.02.2017 to 25.02.2017	5	25.02.2017 (Mahashivaratri)	
13	27.02.2017 to 04.03.2017	6		
14	06.03.2017 to 11.03.2017	6		
15	13.03.2017 to 18.03.2017	5	13.03.2017 (Holi)	
16	20.03.2017 to 25.03.2017	6		
17	27.03.2017 to 01.04.2017	5	28.03.2017 (Ugadi)	
18	03.04.2017 to 08.04.2017		II MID EXAMINATIONS	
19	10.04.2017 to 15.04.2017		Preparation & Practicals	
20	17.04.2017 to 29.04.2017		University Semester End Examinations	
Total days available for class work = 42 days = 7 weeks				

[Signature]

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PRAGATI ENGINEERING COLLEGE (Autonomous)
(Approved by AICTE, Permanently Affiliated to JNTU, Kakinada & Accredited by NAAC)
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Academic Calender (2016-17) I Year II semester

Sl. No.	Dates	No. of Days available for class work	Holidays and List of activities to be done	Remarks
1	07.12.2016 to 10.12.2016	2	_____	*28.11.2016 Postponed Exam Re-scheduled on 08.12.2016
2	12.12.2016 to 17.12.2016	5	12.12.2016 (Id-E-Milad nabi)	*44 Days available for Class work ** First 3 units Syllabus to be covered
3	19.12.2016 to 24.12.2016	6	_____	
4	26.12.2016 to 31.12.2016	6	Assignment on 1st Unit	
5	02.01.2017 to 07.01.2017	6	class test on 1st Unit	
6	09.01.2017 to 14.01.2017	2	09.01.2017 to 10.01.2017 (STRIDES) 11.01.2017 (PRISM) 12.01.2017 to 14.01.2017 (Pongal Holidays)	
7	16.01.2017 to 21.01.2017	6	Assignment on 2nd Unit	
8	23.01.2017 to 28.01.2017	5	class test on 2 nd Unit 26.01.2017 (Republic Day)	
9	30.01.2017 to 04.02.2017	6	Assignment on 3rd Unit	
10	06.02.2017 to 11.02.2017	0	I MID EXAMINATIONS Regular Class work must be taken as	
11	13.02.2017 to 18.02.2017	6	_____	*46 Days available for Class work ** Syllabus to be covered in remaining 3 units
12	20.02.2017 to 25.02.2017	5	25.02.2017 (Mahashivaratri)	
13	27.02.2017 to 04.03.2017	6	Assignment on 4th Unit	
14	06.03.2017 to 11.03.2017	6	Class test on 4th Unit	
15	13.03.2017 to 18.03.2017	5	Assignment on 5th unit 13.03.2017 (Holi)	
16	20.03.2017 to 25.03.2017	6	class test on 5th unit	
17	27.03.2017 to 01.04.2017	5	Assignment on 6th unit 28.03.2017 (Ugadi)	
18	03.04.2017 to 11.04.2017	7	05.04.2017 (Sri rama Navami & Babu jagjeevan Ram javanthi)	
19	12.04.2017 to 19.04.2017	0	II MID EXAMINATIONS	
20	20.04.2017 to 26.04.2017	6	Preparation & Practicals	
21	27.04.2017 to 08.05.2017	10	Semester End Examinations	
Total days available for class work = 90 days = 15 weeks				

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PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTU, Kakinada & Accredited by NAAC)

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Academic Calendar (2016-17) II & III Year II semester

Sl. No.	Dates	No. of Days available for class work	Holidays and List of activities to be done	Remarks
1	21.11.2016 to 26.11.2016	6		*45 Days available for Class work ** Syllabus to be covered in remaining 3 units
2	28.11.2016 to 03.12.2016	6		
3	05.12.2016 to 10.12.2016	6	Assignment on 1st Unit	
4	12.12.2016 to 17.12.2016	6	Class test on 1st Unit	
5	19.12.2016 to 24.12.2016	6	Assignment on 2nd Unit	
6	26.12.2016 to 31.12.2016	6	Class test on 2nd Unit	
7	02.01.2017 to 07.01.2017	6	Assignment on 3rd Unit	
8	09.01.2017 to 14.01.2017	3	13.01.2017 Bhagi 14.01.2017 sankranthi 15.01.2017 Kanuma	*45 Days available for Class work ** Syllabus to be covered in remaining 3 units
9	16.01.2017 to 21.01.2017	0	I MID EXAMINATIONS Regular Class work must be taken	
10	23.01.2017 to 28.01.2017	5	26.01.2017 Republic Day	
11	30.01.2017 to 04.02.2017	6		
12	06.02.2017 to 11.02.2017	6	Assignment on 4th Unit	
13	13.02.2017 to 18.02.2017	6	Class test on 4th Unit	
14	20.02.2017 to 25.02.2017	5	Assignment on 5th unit 25.02.2017 Maha Shivratri	
15	27.02.2017 to 04.03.2017	6	Class test on 5th unit	
16	06.03.2017 to 11.03.2017	6	Assignment on 6th unit	
17	13.03.2017 to 18.03.2017	5	13.03.2017 Holi	
18	20.03.2017 to 25.03.2017	0	II MID EXAMINATIONS	
19	27.03.2017 to 01.04.2017	5	Preparation & Practicals (28.03.2017 Ugadi)	
20	03.04.2017 to 15.04.2017	12	Semester End Examinations	
Total days available for class work = 90 days = 15 weeks				

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

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

Date: 07-06-2017

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

To
The Principals of All Affiliated Colleges,
JNTUK, Kakinada

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

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


Director, Academic and Planning

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Copy to the Controller of Examination (UG)



PRAGATI ENGINEERING COLLEGE

(An Autonomous Institution)

1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist, A.P.
(Permanently Affiliated to JNTUK, Kakinada and Accredited by NAAC with 'A' Grade)
Recognized by UGC 2(f) and 12(b) under UGC act, 1956, Ph: (08852) 252233, 252234, Fax : 252232

Date: 22-09-2016

Dr.S.Sambhu Prasad,
B.E.,M.E.,Ph.D. (Engg.),MBA,
Principal

Proposed Academic Calendar for M. Tech 2016 Admitted Autonomous Batch

Academic Year 2016-17

M.Tech I year I semester			
Description	From	To	Working Days
Commencement of Class Work	29-07-2016		
I Unit of Instructions	29-07-2016	01-10-2016	52
I Mid Examinations	03-10-2016	08-10-2016	06
II Unit of Instructions	10-10-2016	03-12-2016	45
II Mid Examinations	05-12-2016	10-12-2016	06
Preparation & Practical's	12-12-2016	17-12-2016	06
End Examinations	19-12-2016	31-12-2016	12
M.Tech I year II semester (*)			
Commencement of Class Work	02-01-2017		Days
I Unit of Instructions	02-01-2017	04-03-2017	50
I Mid Examinations	06-03-2017	11-03-2017	06
II Unit of Instructions	13-03-2017	06-05-2017	44
II Mid Examinations	08-05-2017	13-05-2017	06
Preparation & Practical's	15-05-2017	20-05-2017	06
End Examinations	22-05-2017	03-06-2017	12

(*) Subject to modification after considering holidays in Calendar year 2017

Commencement of Project Work : 05-06-2017

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Annexure III
FEED BACK ANALYSIS
Analysis of Exit Student Feed Back

The exit feedback is taken from the students passing out from the college during each academic year. In this feedback information is elicited from the students regarding satisfactory level with respect to (a) Attaining course objectives (b) attaining programme objectives (c) attaining programme educational objectives (d) placements in (i) Software sector (ii) Core sector (iii) Government sector and (iv) going for higher education etc.,

Analysis of Alumni Feedback

Alumni opinion about Pragati Engineering College is satisfactory and it infers that majority of the Alumni accepted that the contribution level of institution towards their overall improvement is satisfactory. Most of the alumni are satisfied with the self learning opportunities and facilities given to them during their stay in the college. Many of the alumni are satisfied with the industrial exposure created to them during their four year of under graduate course.

Analysis of Parents Feedback

Majority of the parents accepted that the course accomplishments were worth the resources they have invested for their wards. Parents felt that the infrastructural facilities in the institution are adequate for their wards and physically the campus is more secured for their children. Parents responded positively towards the cooperation extended by administrative staff. They are able to communicate directly with teaching staff of the college. They felt that institution contributes to the greater extent in their wards Improvement.