



Yearly Status Report - 2016-2017

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	PRAGATI ENGINEERING COLLEGE
Name of the head of the Institution	S SAMBHU PRASAD
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08852-252233
Mobile no.	7893103266
Registered Email	pragati@pragati.ac.in
Alternate Email	principal@pragati.ac.in
Address	# 1-378, ADB Road, Surampalem, Peddapuram
City/Town	Kakinada
State/UT	Andhra Pradesh
Pincode	533437

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	16-Jun-2016																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. M.Radhika Mani																		
Phone no/Alternate Phone no.	08852252233																		
Mobile no.	9440484800																		
Registered Email	iqac@pragati.ac.in																		
Alternate Email	hod_cse@pragati.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.pragati.ac.in																		
4. Whether Academic Calendar prepared during the year																			
	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.pragati.ac.in																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.08</td> <td>2015</td> <td>11-May-2015</td> <td>31-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.08	2015	11-May-2015	31-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.08	2015	11-May-2015	31-Dec-2021														
6. Date of Establishment of IQAC																			
	21-Apr-2014																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															
No Data Entered/Not Applicable!!!																			
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

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).

[View File](#)

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

Plan of Action	Achievements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
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Governing Body	19-May-2017
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2017
Date of Submission	23-Feb-2017
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	YES. Institute has its own MIS developed by the faculty to manage general administration, examinations, student attendance and continuous evaluation process.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Electrical & Electronics Engineering (6)	13/06/2016
BTech	Mechanical Engineering (5)	13/06/2016
BTech	Electronics & Communication Engineering (4)	13/06/2016

BTech	Computer Science & Engineering (29)	13/06/2016
BTech	Information Technology (52)	13/06/2016
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ALL Programs	13/06/2016
Mtech	ALL Programs	29/07/2016

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	71
BTech	Mechanical Engineering	252
BTech	Electronics & Communication Engineering	410
BTech	Computer Science & Engineering	147
BTech	Information Technology	3
BTech	Electrical & Electronics Engineering	133
Mtech	Power Electronics & Electric Drives	11
Mtech	Embedded Systems	1
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

All the departments of Institute collect the feedback on all aspects from students, teachers, employers, alumni, and parents through course end feedback, exit feedback, employer feedback, Parent feedback and Alumni feedback. After collecting the feedback from the stakeholders, the contents of feedback are analyzed and the important suggestions will be forwarded to the Department committee and department Advisory Committee to suggest possible changes in the course content and structure for the design of next curriculum. Exit Feedback is collected to measure the satisfaction level of students and to identify the necessary steps for improvement. Feedback is also collected on institutional resources and services such as class room, laboratory and computer center facilities and also on other supporting facilities and services like library, sports and games and hostels. A consolidated result will be forwarded to the appropriate departments for necessary improvements. Student Feedback is collected thrice in a semester on Course delivered by Faculty and HOD of respective Department Counsel those faculty members who have secured low scores and negative comments. Alumni and Employer Feedback is taken on Vision, Mission, PEOS and PSOs and also on curriculum on regular intervals to improve the quality of the teaching- learning process

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	120	113	113
BTech	Electrical & Electronics Engineering	120	111	111
BTech	Mechanical Engineering	240	228	228
BTech	Electronics Communication Engineering	300	296	296
BTech	Computer Science & Engineering	180	180	180
BTech	Information Technology	60	60	60

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	988	31	258	234	24

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
258	211	10	14	5	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The institution follows a structured mentoring system where a faculty mentor is assigned to each and every student. The scheduled counseling sessions are conducted and the remarks of the counseling are recorded in the counseling book. The subject experts and class teachers through classroom interaction and counseling classes, identifies the strengths and weakness of individual students. The faculty members will identify the student's strengths as early as possible and find ways to develop them rather than focusing on weakness.

Advanced Learners: Identification of Advanced Learners:

- Students with a CGPA/Percentage of 8 or 75 and above are identified as Advanced Learners.
- Students are also identified based on their performance in the class.

Methodologies to support Bright Students:

- Students will be encouraged and guided based on their area of strength.
- Students are encouraged to participate in the International and National level Inter Institute Events, Project Exhibitions, Annual Student Technical Symposium (STRIDES), NPTEL online certification courses, Coursera Certifications, Smart India Hackathon, Coding Competitions etc..
- Institution is organizing various training sessions (in-house and external experts) on enhancing employability skills.
- Awards, rewards and gold medals are distributed to the students in various occasions.

Slow Learners: Identification of Slow Learners:

- Based on the previous semester end examination result, students who failed in each course are identified as slow learners for that course.
- Based on the performance of the students in the first internal examination (Mid-I), i.e., students who secured less than 40 marks are identified as slow learners for each course in the current semester.

Methodologies to Support Slow Learners:

- Makeup classes are conducted to the students in the courses of the current semester and handouts, lesson notes, previous end exam question papers with solutions are given so that they can improve their learning skills.
- Remedial classes are conducted to the students who failed in the regular examinations. Handouts, lesson notes and previous end exam question papers with solutions are given so that they can improve their learning skills.
- Institution is focusing on organizing training sessions on enhancing soft and communication skills for the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
988	258	1:4

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
235	258	Nil	116	21

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2016	M V Rajesh	Associate Professor	NPTEL Mentor recognition from SWAYAM NPTEL, IIT Madras.

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
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No Data Entered/Not Applicable !!!

[View File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
403	1959	20

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.pragati.ac.in>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	Civil Engineering	71	55	77.46
02	BTech	Electrical & Electronics Engineering	133	114	85.71
03	BTech	Mechanical Engineering	214	178	83.18
04	BTech	Electronics Communication Engineering	281	232	82.56
05	BTech	Computer Science & Engineering	129	108	83.72
12	BTech	Information Technology	3	Null	0

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2.7 – Student Satisfaction Survey

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr.P.V.S.Machiraju
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	Nill	NIL
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	731	UGC-SERO	4.2	3.99
Major Projects	731	BRNS, BARC	26.94	18.25
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

2

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
An Entrepreneurship Awareness Camp (EAC) for II III B.Tech Students organized by Convener, EDC.	97	27/06/2016
Case study on successful entrepreneur ----- Bose Corp app by R Dharani EDC student	116	10/08/2016

member for II and III B,Tech students		
Case study on successful entrepreneur ----- Infosys app by R Dharani EDC student member for II and III B,Tech students	100	21/10/2016
Case study on successful entrepreneur ----- Naukri app by R Dharani EDC student member for II and III B,Tech students Case study on successful entrepreneur ----- Naukri app by R Dharani EDC student member for II and III B,Tech students	196	17/02/2017
Case study on successful entrepreneur ----- Apollo app by R Dharani EDC student member for II and III B,Tech students	103	06/01/2017
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	0	0	Nil
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
NIL	Nil

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electrical Electronics Engineering	7	Nil
International	Electronics Communication Engineering	1	Nil

International	Information Technology	3	Nil
No file uploaded.			

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

Department	Number of Publication
Information Technology	1
Computer Science Engineering	1
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Presented papers	2	Nil	Nil	Nil
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NIL	NIL	NIL	0
No file uploaded.			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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NIL	NIL	NIL	0	0
No file uploaded.				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NCC Certificate exam	'B' certificate	NCC Cadet	36
NCC Certificate exam	'C' certificate	NCC Cadet	21
IAB Blind Empowerment Champion 2016-Silver Zone	Voluntary Contributions towards empowerment of Persons with Visual Challenges	Indian Association for Blind,Tamil Nadu	1
No file uploaded.			

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

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	0	NIL	0
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
APSSDC-Seimens	03/01/2017	Skill development program	212

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
58265000	58063338

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

[View File](#)

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Partially	3.04.02.000	2010

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			

[View File](#)

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	888	724	749	25	60	224	30	50	0
Added	0	0	0	0	0	0	0	10	84
Total	888	724	749	25	60	224	30	60	84

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

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
34320000	34229014	21233000	20567437

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

The institution has defined procedures for maintaining physical, academic and support facilities as per the maintenance policy. MAINTENANCE SECTION: Across all departments, the college has competent and skilled personnel to carry out maintenance tasks. Academic facilities such as classrooms, laboratories, skill-related workshops, conference halls and seminar halls have their own financial allocation. Furthermore, general facilities such as sports and games rooms, washrooms, and landscaping are all maintained with a budget set aside for them.

1. Physical Facilities Electrical Maintenance: The campus has powerhouse which takes responsibility of supplying uninterrupted power to the entire campus. The maintenance of generators and solar panels are done through periodic visits for their proper functioning. These are maintained by Electrical Maintenance Committee headed by the faculty from Electrical Department. The department also has faculty and supporting staff to oversee the maintenance of generators, lighting loads, solar plant etc. Systems and Internet Facilities Maintenance: Replacement or repair of computers and accessories, hardware upgrades, software installations and upgrades, Wi-Fi maintenance, and troubleshooting issues are all included in the maintenance services under the supervision of Systems and Internet Facilities Committee. Furniture Maintenance: The Department of Mechanical Engineering maintains the central workshop facility which provides the services including custom fabrication of cabinets, desks, counter tops, installation of doors and windows, and frames for displaying banners Building Maintenance: A Supervisor is responsible for new construction works and the civil maintenance of buildings including laying and maintenance of the plumbing, water pipelines, and sanitary fittings following the internal operating procedure. 2. Academic Facilities: Library: The Librarian and his

support personnel are in charge of the library's upkeep. The library conducts internal audits on a regular basis to ensure that the volumes are in good condition. The librarian interacts with students and staff on a regular basis to learn about their needs and take the appropriate steps to address them.

Laboratories:

- The in-house maintenance and repairs are addressed by the respective department technicians who are qualified and trained.
- Major problems and repairs will be attended in consultation with the suppliers following the central purchase procedure.

Classrooms:

- Every Department has a faculty in-charge who will periodically check the condition of classroom / laboratory amenities like benches, chairs, black boards, fans, lights, and LCD's.
- The in charge will resolve the problem through the Head of the Department following the internal operating procedure.

Computer Facilities:

- Around 935 computers are available for the students.
- Computers and software in the laboratories are maintained by computer hardware technicians under the supervision of IT Manager.

3. Supporting Facilities: Sports:

- The upkeep of sporting facilities including Gym facilities is the responsibility of the physical education department, which is managed by a physical director and supported by support staff. The department maintains the sports ground on a regular basis, either in-house or through a third party.

4. Other Facilities:

- The Institute has RO plant, which provides purified drinking water facility.
- Adequate water coolers are available in the college to provide clean drinking water.

<http://www.pragati.ac.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Pragati Scholarship	488	7270000
Financial Support from Other Sources			
a) National	AP Government Fee reimbursement	2252	93521700
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed

2016	Awareness on GATE	95	Nil	27	Nil
2016	Career Options for Engineers	Nil	987	Nil	Nil
2016	Training activities and counselling	Nil	Nil	Nil	437
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
39	591	332	16	321	98
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
GRE	6
GMAT	3
No file uploaded.	

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

Activity	Level	Number of Participants
Sports day at Pragati Engineering College	Institute	380
:PRISM Cultural Day	Institute	350
Inter Collegiate competitions at Pragati	State	16

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students have active representation on academic and administrative bodies and committees of the Institute. Class Monitoring Committees All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Monitoring Committees provide feedback on all aspects of the programme and respective course. Class Monitoring Committee Meetings are held regularly, at least twice in each semester. Cultural and Sports Committees Students have strong representations in all cultural and sports and games committees and help in organization and management of events. Organization of Special Events Students organize, and celebrate the National Teachers Day, on Sept. 5, every year by honoring retired teachers and presenting cultural programme, intra-faculty and inter-faculty cultural and sports competitions, PRISM Cultural activities and other National celebrations that include, Independence Day, Republic Day, Engineers Day, Science Day and various NSS and social service activities. The Institute also encourages participation of student representatives in various decisions making, academic and administrative committees, this enable them in acquiring better academic environment. Student opinions and suggestions are considered to take measures in view of students perception. Institute puts efforts for the all-round development of a student. They take part in various professional society chapters like IEEE, ISTE, and CSI. Also student members are involved in several Institute and Department level committees with active participation. They are explained below. Internal Quality Assurance Cell (IQAC): Student representatives are nominated for this cell, who participate in the decisions regarding the quality initiatives of the institute. Hostel Committee: They play major role regarding food quality, hygiene and other general facilities. They voluntarily monitor day to day activities and bring to the notice of the warden immediately. Class Committee (CC): It consists of HOD, faculty handling the particular section and student representatives in each class. They discuss the conduct of class work, delivery of lecture and overall discipline. Based on the minutes of the CIC meeting, action is initiated to improve the academic performance of the class. The National Cadet Corps (NCC) is encouraged in the institute aiming at the development of leadership, character, comradeship, spirit of sportsmanship and the ideal of service, among the youth. NSS is also encouraged in the institute enabling the student to participate in service activities like organizing blood donation, rural health sanitation, adult education, and environmental awareness camps in the neighbouring areas as a social responsibility

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Established in 2006.

5.4.2 – No. of registered Alumni:

1632

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Guest Lecturers, Mock Interviews. Alumni meet is conducted once in a year.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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: 1. The College adheres to UGC guidelines, government policies and affiliating University guidelines on the implementation and review of welfare measures to the staff members. The College has constituted a welfare committee with the senior faculty members of the college. S.No Name Designation 1. Dr.G.Raghuram Director 2. Dr.G.Naresh Dean 3. Mr.S.Vamsi Kiran TPO 4. Dr.M.Radhikamani HoD-CSE 5. Mr.M. Raja Kumar Assoc Prof in CSE A detailed analysis of the welfare measures to be adopted and implemented by the college is carried out by the Committee and is placed before the College management for consideration and approval. The management takes all efforts to foster a family feeling on the campus and has approved all the recommendations put forward by the committee without any delay. The following proposals / recommendations are placed before the management for approval: • All women employees who have completed the period of probation are entitled to maternity leave with half pay and allowances. • Financial incentives for employees who serve the institution for 10 years-Rs.30,000/- and an additional amount for 15 years- Rs.20,000/- • Casual leaves are enhanced from 12 days to 15 days in a calendar year. • Employee children are eligible for tuition fee concession, on the basis of merit, if admitted to courses offered by the college. • Employees, who upgrade their educational or professional qualification, become eligible for additional increments / qualification allowance. • Faculty members are offered reimbursement of membership fees for recognized academic/ professional bodies/ associations with conditions per financial year. 2. Employees of the institution are well motivated as the management maintains cordial relations with all the staff members of the college, there by promoting family atmosphere. College encourages faculty participation in chalking out the road map for the development of the Institution and implementation thereafter. This is clearly evident in the inclusion of faculty representation in the apex decision making bodies like Governing Body, IQAC, CAC, etc. The college conducts frequent meetings with class representatives regarding various academic and non academic aspects. College maintains effective interrelations with the community and encourages participative management by: i. Maintaining student reporting procedures to parents. ii. Interacting with parents and other citizens. iii. Disseminated necessary information to parents, students, other stakeholders and public. Management continuously provides and maintains funds and facilities by: i. Determining the need and planning for facility maintenance, and renovation expansion. ii. Determining and inventorying

specifications for supplies and equipment.

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

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	<p>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 ournals : 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</p>
Research and Development	<ul style="list-style-type: none">• RD Division is established to give support in terms of guidance for applying projects for funding.• RD 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
Examination and Evaluation	<p>The college has got UGC autonomous status from academic year 2016-17.</p>

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 x 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 x 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 page s and a power point presentation of minimum10 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.

Teaching and Learning

Provision of State-of-the art learning resources in Central Library Information Centre and department libraries. Digital Library with subscription to well reputed online journals. Development of student support material. Organizing Remedial classes. Delivery of Add-on-courses. Conduct of placement training sessions. Conduct of GATE coaching classes. Structured course files and lab manuals on all courses. Academic audit. Continuous improvement of resources. Separate Committees are constituted to look into the activities related to specific disciplines likeRD, TP, Career guidance, Entrepreneurship development, NSS, NCC and Cultural activities.

Curriculum Development

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

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

E-governance area	Details
Examination	BET is the first version of examination cell automation software. The entire pre and post examination process is executed using BET. This interface will help the student users to view their performance and feedback through online. This interface is used to maintain exam fee set up, curriculum, allotment, marks setup for different courses, examination timetables, exam fee challan generation, omr codes generation, promotion of students from the current semester to the next semester, details of attendance shortage and credit shortage, creation of changes in the academic year and financial year and for various other purposes
Student Admission and Support	ECAP is college automation package used in the college for immediate availability of data in required formats. It increases the transparency and accountability in administration. Using this tool students marks and attendance are analyzed. Log in Id and password is created for every student and faculty for quick access and tracking of the records. It is used to maintain academic, correspondence and counseling details of students.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	NIL	NIL	Nill	Nill	Nill	Nill
No file uploaded.						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
235	235	249	249

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>•As a part of Performance appraisal, based on High Pass Percentage in the courses taught by the faculty, the incentives are given Based on feedback and Result in examinations, non-financial incentives/measures are given Based on publication of research works in Journals by the faculty, the incentives are given Based on FDP training programs conducted or attended by the faculty, the incentives are sponsored to those faculties Based on faculty Membership in Professional Bodies, the incentives are sponsored to those faculties Based on performance in NPTEL Online Certification Courses , the incentives are sponsored Incentives are given to the faculty who completed 10 Years/ 15 Years of service personal accidental insurance for Teaching staff</p>	<p>supporting staff are encouraged to continue their education for improvement of their qualification personal accidental insurance for non teaching staff</p>	<p>personal accidental insurance for students Merit scholarships</p>

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes. Internal Audit Organization's accounting section records financial

transactions using Tally ERP 9.0 software every day. Accounting section staff verifies the transactions once in a quarter. This includes examining internal controls around accounting, financial reporting, and IT general controls. External Audit External Auditors have been appointed by the institution as per the statutory requirement. The External Auditor conducts audit in accordance with the Generally Accepted Accounting Policies, applicable Financial Reporting Framework, Statutory Provisions and regulations, etc. External audit is conducted to enhance the overall quality of organization's financial statements to enable users such as the govt. agencies and other stakeholders gain more confidence in the organization's activities. Auditors verify the registers such as minutes of the governing body, student's fee register, and cash book and counter files of receipts etc. Thus auditors confirm effectiveness of internal check of accounting. Auditors also review financial statements to certify the financial position of the institution.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Nil	Yes	Management
Administrative	Yes	Nil	Yes	Management

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

1) Informal meetings are being conducted to identify the issues related to students. 2) 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
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6.5.3 – Development programmes for support staff (at least three)

1. Supporting staff are encouraged to continue their education for improvement of their qualification. 2. Supporting staff are encouraged to participate in the upskilling and knowledge enhancing sessions

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Welfare measures for faculty 2) Internal and External Academic Audit is implemented 3) Faculty Development programmes/Faculty knowledge enhancement programmes are being conducted frequently
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No

d)NBA or any other quality audit	Yes
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6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nil	NIL	Nil	Nil	Nil	Nil
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on Women Entrepreneurs	20/03/2017	20/03/2017	158	42
Seminar on How to Handle Stress	04/02/2017	04/02/2017	208	31
International Womens Day	08/03/2017	08/03/2017	246	24
International Day for the Elimination of Violence against Women	25/11/2016	25/11/2016	272	53
Awareness Program on Women Safety and Respect	11/11/2016	11/11/2016	138	65
Seminar on Gender Sensitization	15/10/2016	15/10/2016	276	54

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

Percentage of power requirement of the University met by the renewable energy sources
None

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	8
Physical facilities	Yes	14
Rest Rooms	Yes	6

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
2017	1	1	12/03/2017	1	Zero littering Clean waste practices	Campus Cleaning programme ,Clean Environment Healthy Environment	198
2016	1	1	08/10/2016	1	Awareness Camp on ECO friendly Diwali	Environment pollution, Safety precautions	236
2016	1	1	24/09/2016	1	Poster Presentation on Save Electricity	Sources of renewable energy and Electricity saving measures	217
2016	1	1	01/09/2016	1	Blood Donation Camp	Awareness by Blood Bank officer on Blood Donation and its benefits and followed by Blood Donation process	167
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Seminar on Save Girl Child	20/01/2017	A seminar organized on Save Girl Child by Wonem Grievance Cell, the Guest Speaker Mrs.Madhavi, Assistant Professor, Training and Placement Cell delivered a Speech about a girl child is considered a burden in india since ages and a

		<p>large number of girls had been killed before birth and there after. Even if they survived, they were not allowed to study, were married at a very young age, and were forced to have kids. Hence arose the need to save the girl child, a Seminar was conducted on 21-01-2017 .</p>
Lecture on Cashless India	05/12/2016	<p>A Guest Lecture Organized on Cashless India On 8th november 2016, India underwent the process of demonetization on 8th november 2016. The 500 and 1000 notes were declared banned. A new set of notes were then pushed out but after a long while. In the gap between the note ban and the arrival of new notes, an e-payment method started to shine. E- Wallets and cashless transactions were now spreading in India. All the students are motivated to aware about E-wallets and Cashless transactions.</p>
National Education Day Celebrations	11/11/2016	<p>On 11.11.2016, National Education Day conducted in the campus by NCC. National Education Day is celebrated in India on November 11 commemorating the birth anniversary of Maulana Abul Kalam Azad. Tributes to Maulana Abul Kalam Azad on his Jayanti. A pathbreaking thinker and intellectual, his role in the freedom struggle is inspiring. He was passionate about the education sector and worked to further brotherhood in society.</p>
Teachers Day celebrations	05/09/2016	<p>On 5.9.2016, Teachers Day celebrated in the college campus on this event the principal of the college greeted all the faculty. Teachers Day</p>

in India is celebrated on 5th september to commemorate the birth anniversary of Dr.Sarvepalli Radhakrishnan.Teachers Day is one such event to which students and teachers equally look forward.The Day is important for the students as it gives them a chance to undestand the efforts put in by their teachers to ensure that they get a proper education.

International Yoga Day

21/06/2016

On 21.6.2016, International Yoga Day organized by NCC, the coordinator of NCC motivated the participants about the Yoga and meditation if practised regularly may yield very good results among the student community,which can be fighting depression,anxiety etc. Yoga improves physical as well as mental health of an individual . Yoga plays a vital role in the developmant of personality traits among the students..

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Induction Program	07/07/2016	09/07/2016	921
International Yoga Day	21/06/2016	21/06/2016	287
Womens Day Celecration	08/03/2017	08/03/2017	270
An Awareness Campaign on "Save Girl Child"	24/01/2017	24/01/2017	201
Environmental Preservation and Plantation Drive	27/06/2016	27/06/2016	100
Teacher's Day Celebration	05/09/2016	05/09/2016	876
Seminar on	11/10/2016	12/10/2016	265

Business Ethics			
Seminar on Health and Fitness	21/11/2016	23/11/2016	187
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- 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 water harvesting plastic-free environment

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Teacher - Students Mentoring System Objectives: • To nurture students by taking individual care of each student and mentioning students through the programme both in their professional and their personal lives. • To provide training and guidance to undergraduate post graduate students in all disciplines • To Increase the participation of all students in the different activities conducted by the Institute. • To help the students achieve their career objectives. Context: Students from different economic, social financial and regional backgrounds join Pragati Engineering College. Many of them are ill prepared for the rigorous professional programmes, English Language teaching and sudden exposure to city life. Being away from home, such students can best look up to their teachers for support and guidance. Pragati Engineering College initiated the Teacher-Student Mentor System in all the departments to ensure the overall welfare and development of students. Practice: In Pragati Engineering College Mentoring Systems, a Teacher (mentor) is allotted a group of approximately twenty four students (mentees). In regular Teacher - Student meetings various activities like career goal setting, presentation skills, communication skills, resume writing, aptitude test etc. are organised. Mentors keep all academic records of their mentees, monitor their attendance and progress and take care of even their personal problems. They also keep in touch with mentees' parents. Evidence of success: The following outcome has been witnessed: • The evidence of success of mentoring system is reflected through the overall personality development of students. Those students who had lack of confidence, were weak in communication, had poor presentation skills, were observed having significant improvement in the lacked areas when they came to final year. • Parents were happy to have a system where, the overall progress of their ward is monitored and informed to them timely right from the first year till the course completion. • There is a marginal increment in the number of students participating in various events held within and outside the college, since the implementation of Mentoring System. • Increase in student attendance and improvement in students' academic performance. • Cordial relationship between staff and students. Tree Plantation Programme Objectives of the Practice Our Institution is one of the big campus in the Surampalem having 25 Acres and it has lot of rare variety trees. The mission is to sensitize and empower people to give back to nature and live in an environment conducive to their health and well-being. Say Trees inspires the students to spare just a few hours on weekends and work towards making their cities, and their lives greener. For more than 16 years, our NSS Team is working untiringly with student volunteers and staffs to change the landscape in our Institution. Our campus is rich with flora and fauna and rare variety of trees are there inside the campus . We take pride in having fostered a buzzing community of tree lovers who continue to inspire and induct so many more in their fold. It has been observing by the students that nature has been changing itself very tremendously as we are responsible for this change because of building and constructive more and more cities and town. So, the nature has unbalanced and

disturbed that's why the combination of oxygen has ruined. The Context The very noble objective of "Tree Plantation programme is to save our planet and mother earth by plantation work" with under given points: • To rising up the level of the student thinking regarding Tree plantation work. • To create the interest among the students regarding the values of trees plants. • To inculcate the programme of plantation can change the climate and during freshers day each and every first year students are given free saplings to produce oxygen. The Practice It is the important duty of students o plant more and more trees because these are the carriers of rain and cloud. Only the nature has capacity to turn up the balance of nature to produce more and more oxygen, but it is only possible when our surroundings are full of trees and plants. This type of tree plantation Programme is only possible when our new generation become more more sincere and active towards Tree plantation programme. This tree plantation makes the points of success, it is sure and certain that our nature will be in balance and the life of the people can be happy prosperous. So, we should plant more more trees and protect them for the future of new generation. Evidence of Success Currently we are having more than 100 Trees planted and it is well grown and key impact in the climatic change control and more oxygen is there inside the campus and the carbon limit is very minimized in the Campus .This is the evidence of success and We have made very sincere Tree plantation and this plantation work provoke the students and inspired them to go quickly on the path of plantation for the balance of the nature up-gradation of environment. It is the result of the Programme that more than 80 student participated in the Programme of the plantation started by college administration. The senior students are convincing the junior students like the chain and more number of students are coming forward to plant more trees as a part of NSS activities.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.pragati.ac.in/naac/bestpractices/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

- Private Self Financing Engineering College was 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, RD, and consultancy division. • One among the 17 colleges selected as Skill Development Centres by Govt, of Andhra Pradesh

Provide the weblink of the institution

<http://www.pragati.ac.in>

8.Future Plans of Actions for Next Academic 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.