Yearly Status Report - 2018-2019

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.A. Radha Krishna**
Phone no/Alternate Phone no.	**08852252233**
Mobile no.	**9440614466**
Registered Email	**iqac@pragati.ac.in**
Alternate Email	**vasjrs2004@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.pragati.ac.in

4. Whether Academic Calendar prepared during the year

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

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

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)

Encouraged the faculty to attend Faculty Development Programs, Orientation Programs etc., Motivating the faculty to use ICT(Information Communication Technology) in the teaching and Learning Process. Motivating the students to underdog online certification programs and career guidance programs. Collected monthly activities of the various departments to monitor and improve the performance. Increased the number of placements for the students for this academic year 2018 – 19.

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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	Achivements/Outcomes
Submission of NAAC AQAR for cycle1	Successfully completed with the 'A' grade with the score of 3.08 CGPA
To improve competitive education for students.	GATE training classes in all departments.
Conducting student training programs/internships for increasing the	Andhra Pradesh State Skilled Development Corporation (APSSDC).

chance of employability.	
Creating awareness among the students on the online certification programs and encouraging them to register through NPTEL local chapter.	Massive Open Online Course (MOOCs).
Encouraging the faculty to attend workshops / Courses on NPTEL.	Faculty got certified in various online courses through NPTEL from different IITs.
To organize number of workshops and Faculty development programs.	CSE & IT organized a FDP in June 2018. * EEE organized a FDP in August 2018.
Improvement in the Faculty Quality	Faculty are with Ph.D
Course based Projects to every Branch Students	Implemented from A.Y. 201819 onwards
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Management	21-Mar-2019

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	**2019**

Date of Submission	**31-Jan-2019**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton 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 !!!			

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 !!!				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Civil Engineering(18)	04/06/2018
BTech	Electrical & Electronics Engineering (13)	04/06/2018
BTech	Mechanical Engineering (09)	04/06/2018
BTech	Electronics & Communication Engineering (8)	04/06/2018
BTech	Computer Science & Engineering (55)	04/06/2018
BTech	Information Technology (30)	04/06/2018
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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	04/06/2018
Mtech	All Programs	25/07/2018

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 !!!		

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	281
BTech	Electrical & Electronics Engineering	337
BTech	Mechanical Engineering	385
BTech	Electronics &	885

		Communication Engineering	
BTech	Computer Science & Engineering	424
BTech	Information Technology	127
Mtech	Power Electronics & Electric Drives	7
Mtech	VLSI System Design	4
Mtech	Embedded Systems	3
Mtech	CAD/CAM	3

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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

Institute conducts online feedback by the student every semester, in three regular intervals like Initial, middle and end feedback. The student's give feedback for all the theory and practical courses taught to them in the semester. The general assessment points of the feedback based on question based syllabus, adequacy of syllabus, Satisfaction about teaching methodology, Teachers approachability towards students, Teachers ability to teach subject and control the class, Syllabus coverage organization of lectures use of modern tools of Pedagogy etc. on a grade of 5 scale with number 5 meaning excellent and 1 meaning poor performance. The Institute policy is that if a teacher's gets average grade less than 2.5 he/she is being called by the institute authorities such as Chairman, Principal, Head of the Department and is being informed about his/her performance of the particular course. The teachers are accordingly instructed by the authorities to improve their performances. Alumni Feedback is conducted whenever alumni program such as Alumni Meet organized in the Institute during academic year. The Feedback from Alumni is drawn evaluating subject knowledge of the program, level of meeting expectation, progress of Alumni in career after graduation, impact of training, motivation at Institute, Impact of training at ICT on personality, maturity, Social Skills, ability to take decisions, ability to manage finances and presentation skills at the workplace ITC. This feedback is also taken on a 5 point scale on 1 to 5 with 1 at satisfactory and level 5 on excellent level. The Employers feedback highlights evaluation parameters in the form of subject knowledge, attitude, Behavior, Regularity, Punctuality, Maturity, Motivation, Creativity, Presentation Skills and ability to get along with others. The analysis of this feedback helps institute in reframing the course content and various skill development training. It also helps in determining overall employability of our students at various levels. The feedback from the Parents helps the Institute immensely reorienting the administrative, accommodation, general ambience, the skill development, suitability of the courses for career growth of the ward, the skill development of ward etc.

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
No Data Entered/Not Applicable !!!				
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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
2018	942	62	232	18	10

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	Numberof smart classrooms	E-resources and techniques used
260	211	11	21	5	8
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	Number of fulltime teachers	Mentor : Mentee Ratio

institution		
4422	260	1:17

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
242	260	Nill	32	24

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
994	3213	30

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
12	BTech	Information Technology	51	45	88.24
05	BTech	Computer Science & Engineering	180	162	90

04	BTech	Electronics & Communication Engineering	312	268	85.9
03	BTech	Mechanical Engineering	265	206	77.74
02	BTech	Electrical & Electronics Engineering	135	51	37.78
01	BTech	Civil Engineering	141	116	82.27

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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)

https://pragati.ac.in/naac/studentsatisfactionsurvey/

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.D.B.N.V.S.Nagesh
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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
No Data Entered/Not Applicable !!!				
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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
Any Other (Specify)	180	AICTE	3	3
Any Other (Specify)	731	AICTE	11.06	11.06
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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
Seminar On 4 Emerging Startups (Goodie Go, Jamaivu , Slot-Seed D-Stalls)Teams Of Start up Developers	Entrepreneur Development cell	15/02/2019
Venture Initation Program Establishment Of Entrepreneurship Club By Ms. G.SAVITHRI (APPSDC)	Entrepreneur Development cell	29/11/2018
A One Day Workshop On" Entrepreneur Ship Skills" By S.Hussain	Entrepreneur Development cell	06/09/2018
College connect program by APITA and TV5 to create awearness on entrepreneurship.	Entrepreneur Development cell	27/08/2018
Case study on successful entrepreneur ------- , Justdail app by R Dharani EDC student member for II and III B,Tech students	Entrepreneur Development cell	12/07/2018
Case study on successful entrepreneur ------- , uber app by R Dharani EDC student member for II and III B,Tech students	Entrepreneur Development cell	23/10/2018
Case study on successful entrepreneur ------- , swiggy app by R Dharani EDC student member for II and III B,Tech students	Entrepreneur Development cell	13/12/2018
Case study on successful entrepreneur ------- , paytm app by R Dharani EDC student member for II and III B,Tech students	Entrepreneur Development cell	23/01/2019
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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

0	0	0	Nill	0

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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
0	0	0	0	0	Nill

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science Engineering	2

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	Basic Science and Humanities	3	Nill
International	Civil Engineering	4	Nill
International	Mechanical Engineering	27	Nill
International	Electrical and Electronics Engineering	11	Nill
International	Computer Science Engineering	37	Nill

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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
Computer Science Engineering	10
Electronics Communication Engineering	3
Mechanical Engineering	4

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nill	0	Nill

<div align="center">No file uploaded.</div>

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 !!!
	View File

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	8	2	Nill	Nill
No file uploaded.				

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
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 !!!			
View File			

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
International Conference	Best Paper Presenter Award	Scientific Technical research association (STRA), Eurasia Research at Dubai	Nill
Research	Dr M Radhika Mani	JNTUK	Nill

contribution			
NCC Certificate exam	'C ceritficate	NCC	20
NCC Certificate exam	'B certificate	NCC	28
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/Agency/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	0	0
No file uploaded.			

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 !!!					
View File					

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
Andhra Pradesh State Skill development Corporation(Chief Ministers skill Excellence Center	18/11/2018	Training Students	130
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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

33110000	32447751

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)	Nill
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

No file uploaded.

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 patially)	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 !!!			
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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	Nill

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	1033	869	894	25	60	24	30	110	0
Added	41	41	41	0	0	0	0	0	0
Total	1074	910	935	25	60	24	30	110	0

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

110 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 incurredon maintenance of physical facilites
55590000	54357002	29029000	28184043

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 MaintenanceCommittee 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 librarys 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	Scholarship	839	10075000
Financial Support from Other Sources			
a) National	Jaganna vidaya devana	2573	109163900
b)International	Nill	Nill	Nill
No file uploaded.			

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 implemetation	Number of students enrolled	Agencies involved
TOASTMASTERS CLUB	02/12/2018	37	Pragati Engineering College
Remedial Classes	25/07/2018	302	Pragati Engineering College
Counselling	01/06/2018	2643	Pragati Engineering College
Soft Skills	01/06/2018	2475	Pragati Engineering College
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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 passedin the comp. exam	Number of studentsp placed
2019	Career after B.Tech Seminar on MBA as a career option	232	Nill	13	Nill
2019	APSSDC - WEBINARS on Higher Education in	Nill	Nill	Nill	Nill

2019	Talent Search Exam by T.I.M.E.	Nill	Nill	Nill	Nill
2019	How to Plan to crack ESE, GATE & PSU's in first attempt	Nill	Nill	Nill	Nill
2019	Educational Fair with in ternational university officials	Nill	Nill	Nill	Nill
2019	GATE mock test 2019	Nill	Nill	Nill	Nill
No file uploaded.					

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
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
55	620	507	17	234	85
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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	Depratment 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
GMAT	4
GRE	2
GATE	11

Any Other	18
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports Day	Institute	450
PRISM Cultural Fest	Institute	380
Inter Collegiate competitions at SVEC, Tadepalligudem	State	15
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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

we have registered Alumni Association formed in 2006, Alumni are one of the main stakeholders of the Institute as they contribute immensely to the development of the College in multiple dimensions. Alumni of the Institute visits regularly to college and conducts guest lectures and Mock interviews to students . They also provide mentoring services to all department students to understand the industry institute gap and also the way to plan and shapeup their career in right direction and making the students to understand various business opportunities and providing all the support required for preparing the students to become industry ready or to make as entrepreneurs by knowing the current dynamics of the industry. The college is conducting many alumni based events like online virtual meets, Reunions for each of the batch, Mentoring sessions, Guest lectures and knowledge sharing sessions, During the events, the Alumni are sharing their success stories to the ongoing students. Alumni are invited for participating in their respective BoS for curriculum updates and in reviewing the syllabi, bridging the gap between industry requirements and academics by restructuring the syllabi.

5.4.2 – No. of registered Alumni:

350

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

3300

5.4.4 – Meetings/activities organized by Alumni Association :

"Importance of Geographic Information Systems in Electrical Utilities" by Sri. Raviteja Viswanadha, Senior Technical Lead, Cyient Inc ,USA Alumnus of Pragati Engineering College Surampalem under the programme "Interaction with Alumni" on 21/12/2018.

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)

Institution practices Decentralization and Participative Management. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Chairman of the Management to the staff and students, all the stakeholders have a role to play in building of the college. Their involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college. Institution focuses keen on decentralization by intending equal opportunity (equal role to participate is the functioning of the Institution management comprises of management committee, college governing body and each committee has been provided with specific functions cater to the needs of

institution for the ongoing progress and development of the Institution. Management committee takes case of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals or bench –marks of the Institution. It also extends all the amenities for the teaching and nonteaching faculty and students. College Governing body takes care of financial management and the implementation of facilities for the institution with the cries to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. It guides and articulates the available resources and provides freehand to the head of the Institution to carry out the activities in order to reach the expected maximum standard in turn to motivate the teaching and non teaching faculty to work according to the goal set. The Principal, Heads of the departments, teaching and non teaching faculty along with class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of institution and to act according to the aims and objectives of the Institution.

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
Curriculum Development	The Institute is having autonomous status. Boards of studies meetings are conducted every year to frame / revise / correct the syllabus. Major syllabus revisions are carried out once in THREE years and minor changes are carried out on an yearly basis. Feedbacks collected from students and other stake holders are used in faming the curriculum.
Teaching and Learning	Following are the measures adopted by the institution for the betterment of teaching and learning process. Project based learning, Pre-placement training, Initiative to arrange more campus placement drives qualitatively and quantitavely, Motivation towards research for staff and students. Assistance to students to get admissions for Higher education. Encouraging students to do mini-projects in the concerned subjects. Expert lectures / NPTEL Lectures to create wide exposure to students. Conducting skill development training programs. Video lessons, PPTs, E-Lessons, Lab Experiments and theoretical concepts. Periodical evaluation of results and counseling the students as well as faculty. Conducting extra classes for the slow learners.
Examination and Evaluation	Autonomous End Semester examination papers are being set and evaluated by

	External and Internal Experts. Question Paper detailed key and scheme of evaluation for spot valuation is being prepared by internal faculty members. Spot valuation is carried out by external and internal faculty and the results are being declared within FOUR weeks.
Research and Development	Separate Research Cell with convener RD is established to give support in terms of guidance in applying for funded projects and for all types of research activities. Exclusive administration set up with convener RD. RD committee to review and motivate research. Conducting awareness programs by experts from funding agencies.
Library, ICT and Physical Infrastructure / Instrumentation	For sharing resources with other libraries to strengthen teaching – learning process, the college joined as an Institutional Member of DELNET. DELNET connects all libraries of the technical institutions approved by AICTE in the country. OPAC software for library management. 120MBPS internet connection from BSNL for staff and students. NPTEL web courses and video courses are being used by staff and students to enhance their skills. Wi-Fi connectivity is available in the Campus.
Human Resource Management	Annual assessment of faculty is done through Faculty Self Appraisal Performa (SAP). Induction training is conducted for new faculty members. Support and guidance is given for carrying research activities, presenting papers in conferences and publishing papers in reputed journals. Faculty are motivated to send research proposals to various funding agencies. Faculty members are encouraged to apply for higher studies. Faculty members are encouraged to participate in various FDPs, Seminars and Workshops. Workshops are organized by various industries and institutions. When ever there are vacancies advertisements are made through news papers and recruitment done by the Management through college staff selection committee as per the rules and regulations.
Industry Interaction / Collaboration	Industry interaction is integrated for all the courses. MOU's are signed with the local industries for faculty and students with industrial experts.

Admission of Students	70 of the students are done by the convener, EAMCET, Govt. of AP., remaining 30 of the seats are filled by the Management based on the guidelines given by the Govt. of AP.

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

E-governace area	Details
Planning and Development	Governing Body of the college meets twice in a year to discuss various issues and aspects related to the development of the college. Governing Body considers the recommendations of Academic Council, Finance Committee, Boards of Studies, etc and chalks out a roadmap to achieve the goals of the institution. After every meeting, minutes are recorded and circulated to all members. Also, the Action Taken Report is also prepared and shared with the members
Administration	Established systems and procedures for maintaining and utilizing physical, academic and support facilities -laboratory, library, sports complex, computers, classrooms etc.
Finance and Accounts	Budget allocation, excluding salary for infrastructure augmentation Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component
Student Admission and Support	70 of the admissions are done by the Convener, EAMCET, Government of Andhra Pradesh. Remaining 30of the seats are filled by the Management based on the guidelines given by Government of AP from time to time.
Examination	As this college is Autonomous, question papers will be given by other Autonomous College Professors who are having great knowledge on the respective subjects.

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)
2018	For Teaching Staff	CO PO Attainment and NBA related documentation	17/02/2019	17/02/2019	116	Nill

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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 !!!				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
242	242	213	213

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
As a part of Performance apparaisal, 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	supporting staff are encouraged to continue their education for improvement of their qualification personal accidental insurance for non teaching staff	personal accidental insurance for students Merit scholarships

Professional Bodies, the incentives are sponsored to those faculties Based on performance in NPTEL Online Certification Courses , the incentives are sponsered Incentives are given to the faculty who completed 10 Years/ 15 Years of service personal accidental insurance for Teaching staff		

6.4 – Financial Management and Resource Mobilization

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

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
Nill	0	0
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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	Faculty from reputed Institutes	Yes	College
Administrative	Yes	Nill	Yes	College

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

College is having periodic parent – teacher meetings to understand the perceptions and expectations of the parents. The parents are periodically

apprised about the college/department activities. The feedback back from parents of various academic and non academic activities are collected and analyzed. The transparency in admission, examination and evaluation processes is maintained by providing the procedures in the College website. The orientation programmes are organized in our college for which the parents are also invited. The College believes and maintains a holistic relationship teacher and parents can improve the quality of education and it adopts several initiatives in this direction. Dial your college programme is organized in the first week of every month with Chairman, Principal, Deans, HODs and officials of the college in which the parents are interacting and getting the information regarding the college.

6.5.3 – Development programmes for support staff (at least three)

College is organizing training programmes for its supportive staff in attitude management and skill improvement. All staff associated with finance department is given training on accounting packages. Computer Training is provided for all ministerial staff. Incentives are given for best employees based on their performance.

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

• Programmes for forestation to maintain the campus green and healthy. Need to plant more number of plants which are mutually benefited. Putting of damaged glassware and chemicals in specified locations. College is plastic free campus The e-waste is disposed calling tenders from the vendors who use it for recycling.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	awareness on ICT enabled class-rooms	10/09/2018	10/09/2018	10/09/2018	212
2018	Publication of Research Journal	15/10/2018	15/10/2018	15/10/2018	156
2018	Clean and Green Campus Plastic free zone	02/12/2019	02/12/2018	02/12/2018	256
2019	Need of Certification Courses	04/02/2019	04/02/2019	04/02/2019	198
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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
Extension Lecture "Gender Sensitization: A need for Social Justice"	21/04/2019	21/04/2019	167	84
Lecture on "Indian Constitution and Human Rights – Equality of Men and Women"	07/02/2019	07/02/2019	207	76
International Womens Day	08/03/2019	08/03/2019	167	42
International Day for the Elimination of Violence against Women	25/11/2018	25/11/2018	234	68
"Modernity and Post Modernity: A Sociological Discourse on Gender Equality"	12/10/2018	12/10/2018	187	52
Display of Charts & Posters on "Stop Violence against Women"	09/09/2018	09/09/2018	228	48

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
Solar Power Generation plant : Pragati Engineering College(A) with its innate social and environmental Consciousness as a part of its progressive developmenthas established Solar power generation plant in the college on 24-3-2018. 615 solar panels established over the main block having the capacity to generate 200kw power is connected to 4 inverters each of 50kw i.e.,200kw power storage which is sent to Surampalem Substation Grid.The solar plant is regularly monitored by team of Department of Electrical Engineering with respect generation,Utilization and unused power transferred to Grid.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4321

Provision for lift	No	Nill
Ramp/Rails	Yes	5
Braille Software/facilities	No	Nill
Scribes for examination	No	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	25/01/2019	1	VOTERS AWARNESS PROGRAM	responsibilities of citizens-Specially Youth ,Youth for development,Voter Enrollment Process	210
2019	1	1	10/01/2020	1	Swachh bharat campaign in Anuru Village	Rally in village,Door to Door Awareness on Swachhata,Initiatives of government	188
2018	1	1	10/12/2018	1	Road Safety and Traffic Rules	Traffic Rules,Insisting driving license,Safety precaution -focus on Youth	107
2018	1	1	24/09/2018	1	Domalapai Dandayatr	Sanitation and importance	158

								a	,Usage of Toilets,Clean environment practices	

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teachers Day celebrations	05/09/2018	On 5.9.2018, Teachers Day celebrated in the college campus on this event the principal of the college greeted all the faculty.Teachers Day in India is celebrated on 5th september to commemorate the birth anniversary odf 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	21/06/2018	International Yoga Day celebrated in the college campus by NCC on 21.6.2018. NCC Coordinator addressed the participants and expressed how the Yoga helps to install confidence and to bring learning to students on an experiential level.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 .
National Education Day Celebrations	11/11/2018	On 11.11.2018, National Education Day conducted in the campus by

		NCC.National Education Day is observed on November 11 every year,since 2008,to commemorate the birth anniversary of independent Indias first education minister Maulana abdul kalam Azad.He played a significant role in shaping the education system of the country. The Principal of the college Dr.S.Shambu Prasad addressed the participants and expressed the importance of National Education Day and the role of the education in the life of man.
Constitution Day Celebrations	26/11/2018	NCC of the college celebrated Constitution Day on 26.11.2028. November 26 was officially earmarked as the Constitution Day of India by Prime Minister Narendra Modi in 2015 as part of the year-long celebrations of the 125th birth anniversary of Dr. BR Ambedkar. The governments decision was seen as a move to claim Ambedkars legacy, aimed to promote Constitution values among citizens and its architect, Dr. BR Ambedkar.
workshop on Digital India by NSS	19/08/2018	On 19.8.2018 a workshop on Digital India organized by NCC.Digital India is an umbrella programme based on technology with a vision to transform India to a digitally empowered society and a knowledge economy. To realize the objectives, the programme has established an ecosystem comprised of several Ministries and government departments, initiatives which are

		coordinated by the Department of Electronics and Information Technology.Digital infrastructure: high speed internet facility, mobile phone and bank account, access to common service centre, internet identity, sharable private space on a public cloud and safe and secure cyberspace.
Celebration of National Integration day by NSS	19/11/2018	National integration is really important for a vast country like India. India is a multi-lingual and multi-racial country. From time immemorial people from different communities, castes and religions are living here peacefully. In fact, unity in diversity is the strength of our civilization. Religious intolerance affect the unity, integrity and solidarity of the country. It must be removed from the country at any cost and removal of poverty and castes are also the need of the hour. It was celebrated on 19.11.2018 by NSS.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Induction Program	12/06/2018	30/06/2018	810
International Yoga Day	21/06/2018	21/06/2018	192
Womens Day Celecration	08/03/2019	08/03/2019	209
Tree Plantation at Campus	10/10/2018	10/10/2018	112
Essay Writing on Corruption free india	26/11/2018	26/11/2018	412
Traffic Safety Program	12/12/2018	12/12/2018	235
student Awareness Program for Voter turnout	08/02/2019	08/02/2019	164

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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 Many Swachh bharat programs are conducted in the college. Need to plant more number of plants which are mutually benefited.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the practice: - Enhancing Coding skills of students. Goal: - To enhance the programming skill of the students. The Context: - Programming is an essential part of Engineering students, especially those who are aspiring for Software jobs. In order to enhance the programming skill as well as to develop a strong base, Department of Computer Science and Engineering organized special classes weekly in C, C, Data structures, Java and python. Students showed immense interest towards these classes which is reflected from the number of student attended. Practice: - The Classes consist of two sessions. The first part was a classroom session where basics coding is taught. They had to prepare the code for several programs for the problems as given by the faculty members. The second part of the class implementation and a test will be conducted to encourage students and appreciation certifications are Evidence of success: - Students had shown immense interest in these classes and which results in good number of placements and also given confidence to participate in Hackathon and Coding competetions Title of the practice: - Extra Co-Curricular Activities Goal :- To develop in the students the need for holistic growth- academic, physical, spiritual as well as mental development. To tap and nurture the various inherent talents in the students. To promote interaction, develop responsibilities and initiation of leadership training and qualities. - To promote healthy spirit of competition where students learn by experience(s). Context:- The prevailing system of higher education in the region focuses mainly on academic aspects and performance at the expense of other innate talents in the students. In order to bridge this gap, Co-Curricular Activities have been adopted as one of the best practices by the institution. It develops a sense of belongingness among the students as well as the teachers. It helps the students to enhance social interaction, leadership, teamwork, healthy recreation, self-discipline and self-confidence. The Practice: The itinerary of Extra and Co-Curricular Activities is charted out by the head of the department which is included in the Department Action Plan. The various activities conducted are like Quiz, debate and essay-writing on different important national dates like National Education day, constitution day, women day etc.: These competitions are organized with the intent of knowledge assimilation, to develop rhetorical skills to enable simultaneous improvement in academics also. Organizing internships and industrial visits . Extra-curricular practices also include cultural day, Sports day, stamp collections, etc. which showcases the knowledge/talents of the students in the art of meticulous and intricate arrangements and display of cultural attires, songs, and dances. Impact of the practice: An increase in the confidence level of the students in facing the crowds/audience in any functions organized. it channelizes their energies into fruitful activities. Improvement in leadership qualities and teamwork.Development of interpersonal and organizational skills.

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

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

Students are influenced significantly due to the rapid cultural and social changes in the society. So, there is an urgency to steer, drive and enable them with proper values and ethics backed by mission and vision. In this direction there is ample scope for adapting holistic approach for overall personality development of young minds in an education institution through planning and organizing various co-curricular and extracurricular activities. Both technology and arts attribute equally for holistic development.

Provide the weblink of the institution

http://www.pragati.ac.in

8.Future Plans of Actions for Next Academic Year

To go for NBA for EEE, Mechanical, ECE, CSE and IT branches. To enhance the infrastructure facility. To improve computing and ICT Facilities. To encourage faculty to attend FDPs for improving the quality of Teaching. To take measures for improving the percentage of pass. To train students for getting more placement opportunities with suitable pay structure. To attract the attention of more companies to get more placements for the students. To make MOUs with Industries. Institutions and Research Organizations for creation of better opportuniteis both to students and faculty. To encourage students to participate in Conferences, Seminars, Workshops and Symposia by presenting papers / posters. To encourage students to attend IUCEE - Webinars and also Technical Fests to present Technical projects. To encourage faculty to pursue Ph.D. and to carry out research activities. To establish research centers in various departments to carry out Research guidance and to carry out Sponsored research projects. To conduct more technical certificate courses like NPTEL / MOOCS. To recognize more companies or Industrial units for providing more opportunities for internships of III B.Tech students. To carry out the best practices by all the departments.