## INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date: 25-08-2021

### Circular

A meeting is convened with the members of IQAC Committee at 02:30 PM on 28-08-2021 through online (TEAMS App) to discuss the following agenda. All the committee members are requested to make it convenient to attend the meeting and also requested all the HoDs to attend the meeting.

Link will be shared one hour before the meeting.

Agenda:

1. Review on action taken on minutes of previous committee meeting
2. Preparation of Academic Calendars for 2021-22 A.Y
3. Discussion of NAAC Accreditation Extension.
4. Reviewing Quality Policies
5. Discussion CO-PO tool for R19 and R20 regulations.
6. Discussion on MoUs with Industry/Academia
7. Discussion on Autonomous Status Extension
8. Discussion on Result Analysis
9. Review of Student and Staff Activities
10. Review of research Activities.
11. Any other item

Principal

**Copy to:**

1. Circulate among IQAC Members
2. IQAC File
3. Principal office File.

# PRAGATI ENGINEERING COLLEGE
(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada. Accredited by NAAC with 'A' Grade)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act. 1956)

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## INTERNAL QUALITY ASSURANCE CELL (IQAC)

## Minutes of IQAC – Meeting No. 37 dated on 28th August 2021

IQAC meeting is held through online dated on 28th August 2021 at 2:30 P.M under chairmanship of Dr.S.Sambu Prasad, Principal, Pragati Engineering College, to discuss following agenda and to adopt resolutions.

Dr. A Radha Krishna, Assoc. Prof. of CSE, IQAC Coordinator welcomed all the members initiated the Proceedings

1. **Item No 1: Review on action taken on minutes of previous committee meeting**

| Suggestion in previous IQAC Meeting | Action Taken |
| --- | --- |
| Review of AQAR 2020-21 | Data has been collected for AQAR 2020-21 from all departments and submitted to IQAC coordinator for verification |
| IQAC Year Plan for Academic Year 2021-22 | Approved |
| Events organized During Pandemic Time. | Industry 4.0 Students Club have taken initiative to conduct online Coding competitions on advanced technologies like Python, IoT, AI and Machine Learning |
| Student Induction Program for Fresher's | Taking Covid SOP into consideration a detailed timetable is prepared for Induction program for 2021 admitted Batch |
| NPTEL registrations | A total of 723 NPTEL registrations were completed for July –November 2021 |
| Modification were to made to the strategic plan as per NEW NEP policy | Suggestion were invited from all College Academic Committee members on Strategic Plan as per NEP 2020 |
| Student satisfactory survey | Not at Conducted |
| NCC and NSS activities on Covid | 9 activities are conducted to create awareness on Covid and NCC volunteers played key roles in creating environment for safety measures for the students |

2. **Item No 2: Preparation of Academic Calendars for 2021-22 A.Y**

Dr.Y.Jayababu, Controller Examinations is requested to prepare Academic Calendar for 2021-22 Academic Year for I, II, III and IV years respectively

3. **Item No 3 : Discussion on NAAC Accreditation Extension.**

   IQAC Coordinator briefed and finalized the plan of action for the extension of the NAAC accreditation of our institution. The previous accreditation was awarded in [2015], and it will expire on 31$^{st}$ December 2021

4. **Item No 4 : Reviewing Quality Policies**

   The Chairperson presented the existing quality policies, which were reviewed and discussed by the attendees. The policies were found to be comprehensive and well-drafted. The attendees suggested some minor revisions to make the policies more relevant and up-to-date. The Updated Policies were submitted to Governing Body for their approval.

5. **Item No: 5 Discussion CO-PO tool for R19 and R20 regulations.**

   It was suggested that the CO-PO tool should be customized to meet the specific requirements of R19 and R20 regulations. The attendees agreed that the tool should be able to track the attainment of the program outcomes as defined by the regulations. Mr.P.Krishna Chaitanya, Assistance Professor of ECE is advised to modify the tool as per the discussions

6. **Item no 6: Discussion on MoUs with Industry/Academia**

   Chairperson explained the need for MoUs between Industry and Academia, and all attendees agreed that it is essential to have collaboration between the two sectors for mutual benefit. The terms and conditions of the MoUs were discussed, including the duration of the MoUs, intellectual property rights, confidentiality agreements, funding arrangements, and the responsibilities of both parties.

7. **Item no 7 : Discussion on Autonomous Status Extension**

   Chairperson stated that the current autonomous status of the organization is expired on 26-07-2021. The organization has fulfilled all the requirements for the extension of its autonomous status. The application is in pipeline and will be submitted in due time

8. **Item no 8: Discussion on Result Analysis**

**B.Tech III Year I Semester Regular Examinations Results Analysis –March -2021**

| Branch | III year I semester (2018 Adm. Batch) | | | |
| --- | --- | --- | --- | --- |
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 122 | 83 | 39 | **68.03** |
| Electrical and Electronics Engineering | 128 | 76 | 52 | **59.38** |

| | 258 | 126 | 132 | 48.84 |
|---|---|---|---|---|
| Mechanical Engineering | 258 | 126 | 132 | 48.84 |
| Electronics and Communications Engineering | 322 | 199 | 123 | 61.80 |
| Computer Science and Engineering | 196 | 132 | 64 | 67.35 |
| Information Technology | 54 | 41 | 13 | 75.93 |
| **TOTAL** | **1080** | **657** | **423** | **60.83** |

### B.Tech II Year –I Semester Regular (R19) Examinations Results Analysis –March -2021

| Branch | II year I semester (2019 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 118 | 67 | 51 | 56.78 |
| Electrical and Electronics Engineering | 137 | 59 | 78 | 43.07 |
| Mechanical Engineering | 241 | 72 | 169 | 29.88 |
| Electronics and Communications Engineering | 348 | 192 | 156 | 55.17 |
| Computer Science and Engineering | 210 | 176 | 34 | 83.81 |
| Information Technology | 65 | 41 | 24 | 63.08 |
| **TOTAL** | **1119** | **607** | **512** | **54.24** |

### M.Tech –III Semester Regular Examinations Results Analysis –March -2021

| Branch | M.Tech III semester (2019 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| M.Tech (CSE) | 5 | 5 | 0 | 100.00 |
| M. Tech(ES) | 3 | 3 | 0 | 100.00 |
| M. Tech(VLSI SD) | 4 | 4 | 0 | 100.00 |
| M.Tech (PE&ED) | 1 | 1 | 0 | 100.00 |
| M.Tech(CAD/CAM) | 10 | 10 | 0 | 100.00 |
| **TOTAL** | **23** | **23** | **0** | **100.00** |

### B.Tech IV Year II Semester Regular Examinations(R16) Results Analysis –July-2021

| Branch | IV year II semester (2017 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 123 | 93 | 30 | 75.61 |
| Electrical and Electronics Engineering | 139 | 111 | 28 | 79.86 |
| Mechanical Engineering | 276 | 241 | 35 | 87.32 |
| Electronics and Communications Engineering | 341 | 325 | 16 | 95.31 |
| Computer Science and Engineering | 193 | 180 | 13 | 93.26 |
| Information Technology | 56 | 51 | 5 | 91.07 |
| Total | **1128** | **1001** | **127** | **88.74** |

## B.Tech I Year –I Semester Regular (R20) Examinations Results Analysis –July -2021

| Branch | I year I semester (2020 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 104 | 48 | 56 | 46.15 |
| Electrical and Electronics Engineering | 98 | 42 | 56 | 42.86 |
| Mechanical Engineering | 99 | 34 | 65 | 34.34 |
| Electronics and Communications Engineering | 312 | 226 | 86 | 72.44 |
| Computer Science and Engineering | 188 | 151 | 37 | 80.32 |
| Information Technology | 64 | 40 | 24 | 62.50 |
| Computer Science And Engineering (Artificial Intelligence & Machine Learning) | 63 | 54 | 9 | 85.71 |
| Computer Science And Engineering (Data Science) | 63 | 49 | 14 | 77.78 |
| **TOTAL** | **991** | **644** | **347** | **64.98** |

## M.Tech –I Semester Regular Examinations Results Analysis –July -2021

| Branch | M.Tech I semester (2020 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| M.Tech (CSE) | 4 | 1 | 3 | 25.00 |
| M. Tech(ES) | 3 | 3 | 0 | 100.00 |
| M. Tech(VLSI SD) | 3 | 3 | 0 | 100.00 |
| M.Tech (PE&ED) | 1 | 1 | 0 | 100.00 |
| M.Tech(CAD/CAM) | 7 | 7 | 0 | 100.00 |
| **Total Pass** | **18** | **15** | **3** | **83.33** |

## B.Tech III Year –II Semester Regular (R19) Examinations Results Analysis –August -2021

| Branch | III year II semester (2018 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 120 | 95 | 25 | 79.17 |
| Electrical and Electronics Engineering | 128 | 80 | 48 | 62.50 |
| Mechanical Engineering | 257 | 176 | 81 | 68.48 |
| Electronics and Communications Engineering | 322 | 259 | 63 | 80.43 |
| Computer Science and Engineering | 197 | 170 | 27 | 86.29 |
| Information Technology | 53 | 46 | 7 | 86.79 |
| **TOTAL** | **1077** | **826** | **251** | **76.69** |

## B.Tech II Year –II Semester Regular (R19) Examinations Results Analysis –August -2021

| Branch | II year II semester (2019 Adm. Batch) | | | |
|---|---|---|---|---|
| | Appeared all subjects | Passed | Failed | Pass % |
| Civil Engineering | 120 | 60 | 60 | 50.00 |
| Electrical and Electronics Engineering | 130 | 57 | 73 | 43.85 |

| | | | | |
|---|---|---|---|---|
| Mechanical Engineering | 239 | 112 | 127 | **46.86** |
| Electronics and Communications Engineering | 338 | 136 | 202 | **40.24** |
| Computer Science and Engineering | 208 | 141 | 67 | **67.79** |
| Information Technology | 64 | 38 | 26 | **59.38** |
| **TOTAL** | **1099** | **544** | **555** | **49.50** |

Based on the results II – I, III-I and II-II results were very poor specially in II year II semester. Due to Covid Pandemic Class room teaching is effected and Remedial classes were not conducted properly. Attendees decided to identify Slow learner and conduct special classes during supply examination and also concentrate on regular examinations

9. **Item no 9: Review of Student and Staff Activities**

IQAC Coordinator Explained due to Covid Pandemic online certifications and courses from student and staff activities were around 4236 which include Coursera, LinkedIn, and AICTE FDP courses.

10. **Item no 10: Review of research Activities.**

**Research Papers Published :**

The following have published papers in SCI / SCI expanded, Scopus Indexed and UGC recognized journals

| Dept | SCI Expanded Journals | E SCI / WOS Journals | SCOPUS Indexed Journals | UGC Approved | Others / Communicated and Under Review | Total |
|---|---|---|---|---|---|---|
| EEE | -- | -- | -- | 03 | -- | 03 |
| MECH | 01 | 01 | 02 | -- | 01 | 05 |
| ECE | 01 | -- | 06 | 01 | -- | 08 |
| CSE | -- | 14 | -- | -- | -- | 14 |
| IT | -- | -- | -- | 14 | -- | 14 |
| BS&H | 01 | -- | 04 | -- | 05 | 10 |
| **Total** | **03** | **15** | **12** | **18** | **06** | **54** |

A. Radha Krishna

**PRINCIPAL**