Metric No.	Key Indicator - 7.2 Best Practices
7.2.1 Q₁M	**Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC:** **Provide web link to:** • Best practices in the Departmental website • Any other relevant information

Note:

Format for Presentation of Best Practices
(Department should submit the Best Practices in this format only)

Best Practice 1:

1. **Title of the Practice: Training on Competitive Programming**
2. **Objectives of the Practice:**

Provide training on problem solving skills to the students

The Context: To improve more number of high package placements

4. **The Practice:**

- Provided training on concepts of Data structures and algorithms for problem solving
- Practice sessions were conducted daily and mock tests were conducted weekly by faculty mentors
- **Provide training by external experts**
- Conducted coding challenges through different coding platforms like Codechef, SPOJ, Interview Bit, Codeforces, etc.

5. **Evidence of Success:** It has been observed that there is a significant rise in the number of student selections in coding competitions. Students participation in technical events and coding contests has been raised significantly.

Significant contribution in the percentage of placements 119/131=90.8%

6. **Problems Encountered and Resources Required**: Few faculty were identified as mentors for guiding the students and for conducting practice and mock tests

7. **Notes (Optional)**

Best Practice 2:

1. **Title of the Practice: Industry Institute Interaction**
2. **Objectives of the Practice:** To bridge the gap between industry and academia

To enhance Industry Institute Interaction

3. **The Context:** To make the students Industry ready
4. **The Practice:**

   i) Partial course delivery by industry experts
   ii) Webinars on latest technologies by industry experts
   iii) Faculty training by industry experts

5. **Evidence of Success:**
   i) Industry experts delivered partial content for courses
   ii) Industry experts delivered 2 webinars
   iii) 3 faculty members were trained

6. **Problems Encountered and Resources Required:** Identified Experts from various renowned Industries for delivering talks

7. **Notes (Optional)**

Best Practice 3:

1. **Title of the Practice: Research groups**
2. **Objectives of the Practice:** To improve quality research publications and patents.
3. **The Context:** To improve number of quality publications and patents
4. **The Practice:**
   i) Department has 3 research groups led by 3 co-ordinators.
   ii) Research meetings will be organized by research groups.
   iii) Awareness sessions through R&D Cell.
5. **Evidence of Success: Publications in SCI: 6 Scopus: 8 Patents:** 15
6. **Problems Encountered and Resources Required: NIL**
7. **Notes (Optional)**

Best Practice 4:

1. **Title of the Practice:** Semester Readiness Program
2. **Objectives of the Practice:** To refine abilities and perceptions of the faculty to be able to deliver the assigned courses more effectively
3. **The Context:** To enhance the preparedness of the faculty members in their respective courses
4. **The Practice:**
   ➢ Deliver lectures on topics in an application orientation
   ➢ Identify suitable teaching methodologies for topics
   ➢ Prepare course/instruction material for the entire course
   ➢ Sessions delivered by faculty

5. **Evidence of Success:** Faculty are able to deliver lectures in an effective manner.
6. **Problems Encountered and Resources Required: NIL**
7. **Notes (Optional)**