YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1. Name of the Institution

Poojya Sane Guruji Vidya Prasarak Mandal's D.N. Patel College of Engineering

- Name of the Head of the institution

Dr. N. J. Patil

- Designation

Principal

- Does the institution function from its own campus?

Yes

- Phone no./Alternate phone no.

02565229649

- Mobile No:

9860678868

- Registered e-mail

principal@coeshahada.ac.in

- Alternate e-mail

dnpcoeiqac@gmail.com

- Address

P.O. Box No. 61

- City/Town

Shahada

- State/UT

Maharashtra

- Pin Code

425409

2. Institutional status

- Type of Institution

Co-education

- Location

Rural

- Financial Status

Self-financing

- Name of the Affiliating University

  Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.)

- Name of the IQAC Coordinator

  Vinod Shantaram Mahajan

- Phone No.

  02565229649

- Alternate phone No.

  8983284783

- Mobile

  8983284783

- IQAC e-mail address

  dnpcoeiqac@gmail.com

- Alternate e-mail address

  vinodsm@rediffmail.com

3.Website address (Web link of the AQAR (Previous Academic Year)

https://www.coeshahada.ac.in/naac /AQAR_2019_20.pdf

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

  https://www.coeshahada.ac.in/pdf/ AC2021_Revised.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.20**	**2017**	**30/10/2017**	**29/10/2022**

6.Date of Establishment of IQAC   **20/08/2014**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Depa rtment /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
0	**0**	**0**	**0**	**0**

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

  View File

9.No. of IQAC meetings held during the year   `03`

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   `Yes`

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   `No`

- If yes, mention the amount

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

`The enhancement in the teaching-learning process through E-learning initiatives.`

`Improving research activities among students and faculty members.`

`Skill improvement through conduction of various development activities.`

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

Plan of Action	Achievements/Outcomes
To further strengthen the ICT facilities for teaching-learning.	Online Lectures and academic activities are smoothly conducted by faculty members.
To improve research activities by encouraging faculty members and students.	The research papers are published by students and faculty members.
To conduct different training and placement activities for students.	The placements of students are increased significantly.
To instruct faculty members for participation in professional development activities from recognized bodies.	The faculty members has participated in various FDPs/Workshops etc.
To arrange seminars/webinars for career guidance or competitive examinations for students.	The students are getting jobs in various sectors.
To generate revenue from other sources like consultancy, online examinations, etc.	There was significant amount generated through other sources.
To sign MOUs with industries for industry-institute interactions.	Students were trained on latest technologies.

13.Whether the AQAR was placed before statutory body?   **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Poojya Sane Guruji Vidya Prasarak Mandal's D.N. Patel College of Engineering
• Name of the Head of the institution	Dr. N. J. Patil
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02565229649
• Mobile No:	9860678868
• Registered e-mail	principal@coeshahada.ac.in
• Alternate e-mail	dnpcoeiqac@gmail.com
• Address	P.O. Box No. 61
• City/Town	Shahada
• State/UT	Maharashtra
• Pin Code	425409
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• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.)
• Name of the IQAC Coordinator	Vinod Shantaram Mahajan

• Phone No.	**02565229649**
• Alternate phone No.	**8983284783**
• Mobile	**8983284783**
• IQAC e-mail address	**dnpcoeiqac@gmail.com**
• Alternate e-mail address	**vinodsm@rediffmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.coeshahada.ac.in/naac/AQAR_2019_20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.coeshahada.ac.in/pdf/AC2021_Revised.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.20**	**2017**	**30/10/2017**	**29/10/2022**

6.Date of Establishment of IQAC	**20/08/2014**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
0	**0**	**0**	**0**	**0**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	**03**
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**

• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

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To arrange seminars/webinars for career guidance or competitive examinations for students.	The students are getting jobs in various sectors.
To generate revenue from other sources like consultancy, online examinations, etc.	There was significant amount generated through other sources.
To sign MOUs with industries for industry-institute interactions.	Students were trained on latest technologies.

13.Whether the AQAR was placed before statutory body?   No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	20/01/2022

15.Multidisciplinary / interdisciplinary

The institute follows the curriculum guidelines provided by the university. The students can select interdisciplinary/multidisciplinary subjects/courses as major/minor degrees as mentioned in the guidelines.

16.Academic bank of credits (ABC):

Academic Bank of Credit is not applicable for the current academic year.

17.Skill development:

The institute conducted different workshops/webinars/training sessions for the skill development of students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institute does not provide any course(s) for integration of the Indian Knowledge System (IKS).

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The institute has designed its teaching-learning process with a focus on Outcome-based education (OBE). The curriculum, test papers, and exam papers are designed with the help of Bloom's Taxonomy. The results are also analyzed for assessment of achieving the goals.

20.Distance education/online education:

The Institute does not offer any distance education/online education course(s).

Extended Profile

1.Programme

1.1   **7**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1092**

Number of students during the year

File Description	Documents
Data Template	View File

2.2   **0**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3   **350**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **73**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **73**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	7
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1092
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	0
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	350
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	73
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**73**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**21**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**88.51509**
4.3 Total number of computers on campus for academic purposes	**545**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The curriculum and syllabi prescribed by the university have been strictly followed. Apart from this prescribed curriculum, the college has strategized ways and means to strengthen the teaching-learning process in the following ways:

- **Advance planning of Academic activities and calendar in alignment with the University issued Calendar of Events.**
- **Each department prepares time table to conduct theory and lab sessions.**
- **Formulation of objective-driven teaching plan at the beginning of the semester.**
- **Preparation of adequate learning materials (resources).**
- **Maintenance of course files by all faculty members which contain lesson plans, notes of the lesson, question bank, and performance details of the students.**
- **Arranging doubt clearing sessionsfor slow learners.**
- **Adopting new and innovative teaching techniques, in**

addition to the traditional lecturedelivery methods to get the students actively involved in the teaching-learning processes and employing learner-centric techniques such as peer learning, group discussion, use of NPTEL lectures, projects, surveys, etc., in the delivery of the academic courses.

- Organizing suitable guest lectures and industrial visits to improve the effectiveness of the implementation of the curriculum designed and specified by the University.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.coeshahada.ac.in/pdf/AC2021_Revised.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The instituteplans academic activities in Academic Calendar in alignment with the University issued Calendar of Events.

The institute conducts two Continuous Assessments (CA-I & CA-II)and one Mid Semester Examination, each semester as per the academic calendar. This year due to the Covid19 Pandemic restrictions the evaluation was conducted through Online Mode only. The staff members used Google Forms to get responses from students.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	https://www.coeshahada.ac.in/pdf/AC2021_Revised.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University	C. Any 2 of the above

Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

7

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

36

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

470

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

470

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability in the Curriculum are already integrated by the University. The institute ensures the proper implementation of the same via sensitizing the faculty members and students.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

28

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

1077

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	**No File Uploaded**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	**C. Feedback collected and analyzed**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://drive.google.com/drive/folders/17LLdekRlw_m5PFDpI6UylHmtaX_sAC-Y?usp=sharing

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

354

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

207

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute has set up a system to collect and analyze student results in university examinations to identify slow learners. Such students are guided with extra theory and/or lab sessions on the respective subjects to improve their performance and to ensure they should not drop out due to language problems or difficulties in the subject. The institute also monitors the attendance and performance of students in theory and practical sessions to identify if there is any other reason for their underperformance.

The institute identifies advanced learners through direct interactions and their performances in classroom or lab sessions, internal sessional examinations, university examinations, or other co?curricular activities. Such students are well supported and motivated in the following ways:

? They are encouraged to participate in various institute-level quizzes, seminars, presentations, intercollegiate, state level, and national level technical competitions, conferences, and workshops to fulfill their special learning needs.

- Students getting higher ranks in university exams are also honored in the annual prize distribution function.

? Students also assisted with competitive examinationsin order to encourage them to pursue higher studies.

? Expert lectures from industrial and academic persons are conducted for such students to give knowledge about current trends and technologies.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1092	73

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute gives more emphasis on increasing the learning abilities of students. Following initiatives are taken to enhance the learning experiences of students:

? NPTEL videos are available in the institute for students to improve their learning.

? The departments organize project exhibitions for final year students which helps them to improve their participative learning. Such competitions also help students from lower classes to understand engineering concepts.

- Teacher uses real-life problems, live demonstrations, quizzes, seminars, and assignments during theory and practical sessions.

? Students are suggested to read technical magazines and newsletters to get knowledge about the latest technological innovations.

? The institute organizes Tech Fiesta every year for the exposure of students to develop their learning skills.

? The students are also encouraged to consider real-life problems and to get sponsorships from various industries for their final year projects.

- Students are encouraged to do internships in industries for relevant fields.

? Each department arranges Industry Visits for students to make them aware of technical innovations and industrial expectations.

- Students are encouraged to complete Industry recognized certifications like NPTEL, SWAYAM, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute has facilities for ICT-based teaching in addition to Traditional teaching methods. Following are the key steps taken for the effective teaching-learning process:

- There are 15 classrooms and seminar halls with ICT- enabled facilities.

- The faculty members use PPT, Videos, Audio Clips, etc. for a better learning experience.

-The institute has set up a dedicated lab under NPTEL Local Chapter, where students can access videos to complete certification.

- The faculty members prefer the G-suite for facilities like Learning Management System (LMS), online lectures, e-resource sharing, online tests, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.coeshahada.ac.in/naac/criteria_4/4.1.3 Photo Classroom Laboratories.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

39

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

73

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

4

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

932

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute ensures that all the evaluation reforms of the university are effectively implemented. The principal checks circulars, andordinance from the university and convey the information to all HODs. The HODs of different departments convey the information to faculty members and students for understanding. The HODs make sure that the two Continuous Assessmentsand one Mid Semester Examination must be conducted for each class in each semester. The internal examination coordinatorwill make the necessary arrangements for the smooth and proper conduction of these examinations. The HODs also monitor that the faculty must carefully evaluate the answer sheets of students. At each department, the results of examinations are submitted to the internal examination coordinator who generatesthe final marks list. The final marks list is conveyedto faculty members and displayed on the notice board for students.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The students after checking their internal marks can contact to respective subject in-charge within a week, for any discrepancy or grievance. The subject in-charge after validating the request takes necessary actions. If the grievance is not resolved at the faculty level the student can contact superior authorities for the same. The authorities will take necessary actions within 15 days.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has stated learning outcomes in terms of Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs offered by the institution. These are published on the website of the institution. In addition, these are also available at lab notice boards, and departments.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://coeshahada.ac.in/index.php
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The program and course outcomes enable students to understand the importance and purpose of the respective subject. The attainment of the POs, PSOs, and COs are evaluated as follows:

- Teachers continuously take feedback from students during the lectures to ensure that the course outcomes are attained.

- The attainment of course outcomes is evaluated based on continuous assessment of students.

- The performance of students in university examinations is alsoan indicator of course outcomes and program outcomes.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://coeshahada.ac.in/index.php

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

350

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.coeshahada.ac.in/naac/SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

4

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

12

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	**No File Uploaded**

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute promotes regular engagement of faculty, students, and staff with the neighborhood community for their holistic

development and sustained communitydevelopment through various activities. Every Year, programs are organized under which students and staff participate voluntarily in community-based activities within the neighborhood.

- Institute organizes various awareness programs like Education Awareness Programs, Green Environment & Tree Plantation, Gender equality awareness activities, and Digital payment.

- Continuous voluntary activities by staff and students to maintain cleanliness in and around the Campus create awareness about the role of a clean environment in human health and contribute to the National Swachh Bharat Abhiyan.

- Blood Donation camps have been organized

- Creating awareness for Symptoms, Prevention, and Vaccination of coronavirus through social media during a pandemic.

- Unnat Bharat Abhiyan.

During the COVID-19 pandemic, education has continued online almost worldwide. This effect institute and students' inability to participate in most of such activities listed above during the academic year 2020-21.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	**No File Uploaded**
e-copy of the award letters	**No File Uploaded**

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

0

File Description	Documents
Reports of the event organized	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	**No File Uploaded**

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

0

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	**No File Uploaded**

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

6

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institution ensures adequate availability and optimal utilization of physical infrastructure as it is censoriously linked to the mission of our institute "To mould young generation to the new technology of high order that can meet the challenges in the fast developing technological world by shaping discipline, competence and character of technocrats"

The policy of the institute is to create and enhance the infrastructure that facilitates effective teaching and learning to follow the norms laid down by the AICTE, New Delhi.

The following strategies are adopted for the creation and enhancement of infrastructure:

- Periodical review of infrastructure availability as per the need for development.
- Approval of the infrastructural requirements by the Local Management Committee and Governing Body.
- Provision of the budget as per the requirements.
- Execution of the approved requirements.

Accordingly, the institute carries out maintenance of existing infrastructure, creation and enhancement of facilities in the laboratories, strengthening of Computer and Internet surfing Laboratories, purchase of books/e-books/ periodicals/Journals/e-journals, playground, sports facilities, and other student-centric activities, etc.

Institute provides huge collections of books in its central library. Also, there is the provision for having remote access to get e-books, e-journals, and e-Learning. Institute has well-equipped laboratories for the students to do practical demonstrations which enhance the learning process.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.coeshahada.ac.in/naac/criteria_4/4.1.3_Photo_Classroom_Laboratories.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution ensures adequate facilities for Cultural activities, sports, games, Gymnasium, yoga center. For the overall development of the student, the institute conducts various extracurricular activities as follows.

Cultural activities: Institute has two auditoriums, to conduct cultural activities Sardar Patel hall is available with all facilities and for funfair and farewell Dr. A. P. J. Abdul Kalam

Amphitheatre is available with all facilities, Institute created Cultural Committee that plans, coordinates and conducts all the cultural activities. The committee consists of faculty members and students. The institute has the following cultural activities social gathering, PARV, Drama, Music, Traditional day, Mimicry, Singing, Dancing, Photography, Debate, Painting, Rangoli, Mono acting, Ramp shows, etc.

Sports Facilities:- Total area available for sports is 8541.28 Sq. m. Out of which 6895.14 Sq. m. area for outdoor games, where the number of games students can play like Football, Cricket, Volleyball, Basketball, Kho-Kho, Kabaddi, Handball, Athletics, Hockey, etc. And 1646.14 Sq. m. area for indoor games where the number of games students can play like Badminton, Gymnasium, Table Tennis, Chess, Carom, etc.

Gymnasium: Hi-tech Gymnasium is available in the institute to help students maintain their fitness.

Yoga and Health:

- Medical care center with the medical officer
- Cardiac ambulance for emergency
- First aid boxes in every department and hostels
- Medical checkup camp for students and staff

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.coeshahada.ac.in/naac/criteria_4/4.1.2_Extracuricular_Facilities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

15

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.coeshahada.ac.in/naac/criteria_4/4.1.3_Photo_Classroom_Laboratories.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

3.21

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library has a book collection of 47146 books Plus 5732 Reference books and for proper organization of the library material, the library has purchased software, 'LIBMAN' Library Software which is a cloud-based software hosted on MasterSoft ERP Solutions Pvt. Ltd. Nagpur. Software is upgraded from time to time against the regular Annual Maintenance Contract. Ten terminal is reserved for students to search for information on the availability and issue of Books.

The issue return process is fully automated and manual cards are kept as supporting documents for students and faculty.

Book issue and return is carried out with the help of a barcode
system. Each book and user's borrower card are bar-coded.

The Library Advisory Committee consists of the Chairman and one
faculty member from each department. Based on the initiatives of
the committee following activities are carried out.

- Open access to the students

- Web-based E-Resources on the campus

- WiFi Facility available to students and staff

- Library remains open beyond institute timings

- Air-cooled library

- KIOSK machine for Online Public Access Catalogue (OPAC)
facility.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://www.coeshahada.ac.in/naac/criteria_4/4.2.1_Library_Photo_Information.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.35119

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

4

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes, etc., are keenly stepping forward to set up secured and stable wired or Wi-Fi network campuses for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, iPods, etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty access and student access. These campuses with wired and wireless internet access require a seamlessly roaming facility to access the internet from classroom to library to labs and residential areas. Laying a complete network with different

vendor solutions would be a very costly effort and difficult to manage while technical issues. Education institutes require a cost-efficient comprehensive solution that offers all the advanced facilities and features in a single platform with a single point of contact for technical support.

Currently, we are using BSNL line of 400 MBPS of high-speed internet facility also we have provided a Wi-Fi facility to students at both hostels as well as on campus. The institute has a 24X7 Wi-Fi facility on the college campus for the student and faculty members to avail internet connection at any place in the college, & hostel. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/downloading of web-based applications, besides helping them in preparing projects & seminars.

In addition

- Computers in the campus are connected in LAN
- A Wi-Fi facility is available on the campus. Areas within the range of servers are automatically connected by Wi-Fi. The out-of-range areas are connected to Wi-Fi through modems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.coeshahada.ac.in/naac/criteria_4/4.3.1_IT_Facilities.pdf

4.3.2 - Number of Computers

545

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

5.98278

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college has a Maintenance Committee that oversees the maintenance of buildings, classrooms, and laboratories. The Maintenance committee is headed by the Office Superintendent who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Office Superintendent and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor-wise responsibilities, timings, leave, etc. The maintenance officer conducts periodic checks to ensure the efficiency/working condition of the infrastructure.

Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness, and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staffrooms, Seminar halls Laboratories, etc are cleaned and

maintained regularly by non-teaching staff assigned to each floor. Washrooms and restrooms are well maintained. Dustbins are placed on every floor. The Green Cover of the campus is well maintained by a full-time gardener. The preview includes maintenance of generators, Air Conditioners, CCTV cameras, and Water Purifiers. Apart from contract workers, the college has trained in-house electricians and plumbers.

The institute has well-equipped laboratories, classrooms, a central library, and a sports complex. Following are the policies and procedures for maintenance and utilization of the same:

- The laboratories are regularly upgraded with the latest tools and equipment to satisfy the norms of AICTE and the needs of the university curriculum.

- The central library mandates students to renew or submit learning resources (E.g. books, journals, magazines etc.) issued by them within 8 days span without fail, so every student gets the opportunity to access them.

- The indoor stadium is open for all students to issue and access sports utilities with the permission of the sports teacher for all days of the week.

- Every department has computer labs at least having 20 pcs with 100 Mbps internet connections. Students are allowed to access them within college timings under the supervision of faculty or lab assistants.

- There are 2-3 classrooms per department in the institute which are accessible to students during lectures or free hours to do academic tasks such as assignments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

944

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	**No File Uploaded**

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**B. 3 of the above**

File Description	Documents
Link to institutional website	**Nil**
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	[View File](#)

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

260

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

260

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File](#)

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

54

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	[View File](#)
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	**No File Uploaded**

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institute ensures that the students should have representation in administrative bodies, and are engaged in various activities conducted throughout the year.

- **The institute has appointments of UR (University Representative) and GR (Girls Representative).**

- **The students from different classes are part of administrative committees such as Anti-Ragging/ Sexual Harassment etc.**

- **The students are encouraged to participate in different co-curricular activities such as workshops, Academic Competitions, etc. organized at College-level or Intercollege-level.**

- **The students are motivated to participate in various extra-curricular activities like Poetry/Dance/Elocution/Singing competitions that are conducted by the college or by other institutes.**

- **The students are informed about the different sports activities. The institute has a well-equipped sports gymkhana and sports ground with an indoor stadium that provide facilities to conduct sports competitions. The institute also sends participantsto different levels such as zonal-level.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	<u>View File</u>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The institute does not have any registered Alumni Association. But the institute organizes Alumni Meet every year where the passed-out students visit the college, and interact with the current students to guide them by sharing their experiences in the industry. The alumni contribute financially to the institute's development, and also help current students to get jobs after graduation by referring them to different organizations.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Management gives sufficient freedom to the principal, as the academic head of the institution, to function to fulfill the institution's vision and mission. Academic responsibilities are fairly divided among all the staff members. Committees are appointed for the various academic and co-curricular activities conducted in the academic year. The list of committees is displayed at the beginning of the year on the staff notice-board to ensure transparency in policy execution. The responsibilities are communicated to the faculty members through regular staff meetings. Various co-curricular and extra-curricular activities are conducted through student committees. The Principal holds regular meetings with the teaching and non-teaching staff to

discuss various issues. The HODs monitor the functioning of the various departments. Participative decision-making ensures the total participation of all the people concerned. The office administration of the College is headed by the Registrar under whom there are Clerks,Class III and Class IV Staff. The Registrar, in consultation with the principal, coordinates the day-to-day activities. The Management is always open to discussion toencouragethe staff's involvement to improve the effectiveness and efficiency of the institutional process. There are regular meetings of office bearers and Management representatives with the College Development Committee (CDC).

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1FHhLgSqXZarse_Fel_ta5-UripgbTKac/view?usp=sharing
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization in work and participatory management Decentralization and participatory management lies in the administrative functioning of the institution. Participatory management is an open form of management where employees are actively involved in the concept as well as the implementation of various academic and administrative responsibilities. Therefore, this form of management represents collective decision-making involving coordinators, principals, academic deans, department heads, registrars, faculty members, and laboratory assistants. Faculty and staff are considered facilitators who deal directly with the students and meet their needs. The Authority has a structured delegation that encourages academic leadership amongst the faculty members, who are also empowered to make suggestions on academic/administrative/co-curricular/extra-curricular activities in departmental academic meetings.

The institute has decentralized its operations and has delegated powers at various levels to ensure good governance. Any major decision is placed before the GC and IQAC before implementation. In student grievance meetings, issues related to students are discussed, their suggestions are taken into confidence. The suggestions of all the stakeholders are also considered while

following transparency and fairness.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1ecGYZV61 r1Wueiuar4QzbOLPbdvhNOSZ/view?usp=sharing
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan of the institute contains:

• Developing an ecosystem, leading to project-based learning for students.

• Publishing research papers in reputed journals by faculty members and encouraging thestudents to do the same.

• Increasingnumber of Patent filings.

• Participation of faculty members in Conferences/Workshops/FDPs.

• Signing MoU with industry for training, interaction, and inviting experts for interactive sessions.

• OrganizingWorkshops/Training Sessions/Conferences.

• IntroducingAdd-on/Value Added Courses.

• Arranging Industrial and Field Visits, and Alumni interactions.

• Upgradation of laboratories.

• Arranging Internships for students.

Outcome:

• A significant number of papers were published in reputed Journals with student involvement.

• Some of the faculty members have filed their patents.

- Innovative projects were developed in the institute with the combined efforts of faculty members and students.

- The MoUs are signed with various organizations for training and placements.

- Regular interaction with alumni helped students to decide on their future course of education and profession.

- The number of faculty members pursuing the doctoral program, in the institute has increased.

- The Add-on courses were completed by students using platforms like NPTEL.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute is governed by the administration of Poojya Sane Guruji Vidya Prasarak Mandal, Shahada with the aim of providing quality higher education to promote engineering and technology education.

The college has an internal organizational structure that has evolved over around40 years. The Institute is managed by a Governing Council (GC). The Principal is the academic and administrative head who oversees the overall functioning and development of the Institute.

1. Governing Council (GC)

- The GC is constituted of academic and corporate persons.

- The GC is responsible for taking decisions related to administration, academics, finance, and construction of the institute.

2. College Development Committee (CDC) and Internal Quality Assurance Cell (IQAC)

- The statutory bodies are created as per the norms of AICTE.

- These bodies play an important role in policymaking and their implementation.

3. Rules, Procedures, and Recruitment

Service Rules: The Institute follows the service rules as per the norms of the University and Government of Maharashtra, disseminated among the employees.

Recruitment: The Institute follows the recruitment process prescribed in the Service Rules.

Grievance Redressal Mechanism: Grievance Redressal Committee, Anti-Harassment/Internal Grievance Committee is responsible for resolving the issues/complaints raised by women employees and girl students.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1SXPCfcv_9-2uEls_G0-jwREiZg3nEqwD/view?usp=sharing
Link to Organogram of the Institution webpage	**Nil**
Upload any additional information	**No File Uploaded**

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**B. Any 3 of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Institute has effective welfare schemes to benefit its teaching and non-teaching staff.

Empowering teachers with personal computation facility: The Institute provides Desktops and Wi-Fi facilities to every faculty/staff member and encourages them to use modern teaching aids.

Leaves:The Institute provides various leaves to facilitate all its employees as per the institute policy.

Dearness Allowance and House Rent Allowance:The employees are entitled to Dearness Allowance and House Rent Allowance @ 10%, as per the college policy.

Employee's Provident fund:Employee's Provident Fund (EPF) is a retirement benefits scheme provided by the institution to benefit all its employees.

Gratuity:All employees are eligible for Gratuity after completing continuous service of a minimum of 5 years and are governed by the Gratuity Act in force.

Travelling Allowance:All teaching and non-teaching staff are entitled to Travelling Allowance as per the college's policy.

Insurance:The Institute provides Insurance to all its employees covered under Group Insurance Scheme.

Canteen Facility:The Institute offers a canteen and cafeteria

facility to provide quality foods to all its employees.

Sports and GymFacility is available to maintain a healthy and balanced life.

Health Awareness Programslike blood donation, etc., are conducted every year.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1zcRwPbOhkBskA8eOTZ3XEOaqKSx5IdjJ/view?usp=sharing
Upload any additional information	**No File Uploaded**

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	**No File Uploaded**

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	No File Uploaded

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

168

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A systematic and effective Performance Appraisal System of the Institute provides teaching with formal appraisals that encourage professional learning and growth.

A structured "Self-Appraisal Form" is given to each faculty member for evaluation purposes, wherein he/she provides the details of his/her performance and participation in all the activities assigned to him/her by the department/institute. The concerned HOD gives their remarks on the performance of the faculty member.

The Primary Key Performance Area for faculty members as per their academic-administration workload involves Teaching, Research, Publications, Administrative Support Work, and Student development for the campus recruitment process.

Academic Involvement of faculty is evaluated based on the courses taught and their difficulty level, the conduct of Beyond Syllabus Activities, innovation in teaching, Contribution towards Learning Resources Development at the Institute, UG/PG projects guidance, Efforts for Lab Work/Tutorials, etc.

The Student Development component accommodates students' performance in Continuous Evaluations and Semester Examinations in the relevant subjects. Mentoring and grooming of students for placement.

The Institutional Development component takes care of faculty efforts for the overall development of the Institute. It includes points for organization and participation in conferences, STTPs, FDPs, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institute has a system of internal as well as external audits. The Internal Audit team audits the Books of Accounts of the Institute. As per stipulated provisions of the Income Tax Act, a statutory audit is conducted once a year by External Auditors.

Internal Audit

The team of Qualified Internal Auditors conducts a thorough check and verification of all financial transactions with the supporting documents and approval of proper authority for each transaction. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers.

External Audit

All the financial transactions of the college are audited by an external agency. The external Audit is conducted in accordance with the Auditing standards as per the provisions of the Government rules and regulations.

Audit procedures:

- Source of income verification

-Expenses Vouching

Audit observations/objections on any discrepancies are settled within the specified time schedule under the directions of the Statutory Auditors. "Audit Report" is prepared by the Statutory Auditors on the basis of signed Income & Expenditure Statement and Balance Sheet.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1LEXfBjpJXpLYAtZTunHv5oiPp2IQXPJe/view?usp=sharing
Upload any additional information	**No File Uploaded**

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	**No File Uploaded**

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The college is private and self-financed and does not receive any financial grant/aid from the Central/ State Governments. The primary source of revenue generation is the tuition fees collected from the students as per the fee structure mandated by the State Government.

The institution has a mechanism to ensure adequate budgetary provisions for academic and administrative activities and monitor the effective, efficient, and optimal use of financial resources. The annual budget is prepared according to the department's requirements.

Before the commencement of the financial year, the Principalsubmits proposals regarding expenditure corresponding to the projected income for an academic year which is scrutinized by the Director. After that, a consolidated budget is placed before the Management for approval. The institution maintains a reserve corpus fund used as matching grants for developmental purposes.

For optimal utilization of financial resources, expenditures are prioritized as follows:

1. To conduct Induction-cum-Orientation Programs for the students, workshops, FDPs, and training programs.

2. Adequate funds are utilized for the development and maintenance of the infrastructure of the Institute.

3. To conduct student activities like technical competitions, and cultural activities.

4. For research and development activities and to enhance

library facilities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1ttGT8P-Id3UjkvEvjEfE_VR2cmrM7Onu/view?usp=sharing
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell is responsible for developing different strategies and designing various processes. These include the following:

1. The IQAC has proposed conducting of Annual Academic Audit to ensure the quality of teachers. As a result, a committee of members from the sister institution has been formed to conduct an Academic Audit of the faculty members. The outcome of the audit has been conveyed to top management as well as faculty members to improve their work.

2. The IQAC has planned and conducted different technical activities like workshops, training sessions, and webinars to develop and improve the employability skills of students. The activities were conducted with the aim that the students can get placed/selected in reputed organizations easily. The outcome was very positive as the number of students' selections/placement increased significantly compared to previous years.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC has defined the following norms to improve the teaching-learning process:

- Preparation of Academic Calendar.

- Defining Course structure based on COs, POs, and PEOs.

- Maintaining teaching diary by each faculty member.

- Encouraging ICT based interative teaching.

- Provision for feedback collectionand grievance redressal mechanism.

- Periodic evaluation of students.

The IQAC reviews the mentioned activities at periodic intervals and records the improvements as follows:

- The implementation of the academic calendar is monitored regularly and any discrepancy is addressed and corrected.

- The student performance is assessed via CAs, MSEs, and ESEs to check whether COs, POs, and PEOs are attained.

- Academic audit is conducted to verify the record maintained by faculty members in the teachingdiary.

- The feedback collected from different stakeholders is analyzed and recommendations are made for improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.coeshahada.ac.in/iqac-cell.php
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response: Our college is a co-ed college. Both girls and boys study here in a common classroom. The college maintains gender equity. The college ensures that there is fair and impartial treatment with students of both the genders. The college makes sure that the equality in treatment with students of both the genders is maintained. All the students get equal opportunities in all the activities of the college. The college is careful about maintaining and promoting gender equity. The college takes care of the safety and security of all the students of the college. There are different committees in the college functioning for the development of all the students of the college.

1. Safety and Security :

- **There is a separate common room for female students with all necessary facilities.**
- **CCTV cameras are installed at strategic locations for continuous surveillance of the premises and for heightening security in the college.**
- **Sexual harassment committee is also operating in the college to safeguard the girl students.**
- **In addition, the college has a duly constituted Anti-**

Ragging Committee, Discipline Committee, and Student Advisory Committee to ensure safety and to protect the interests of students

- A secure parking lot nearer to Academic Blocks are earmarked for girl students.
- Separate Canteen space for girl students.
- Separate and secure hostels are available for girl students near the campus.
- Classroom arrangement is made in such a way that girl students are comfortable.
- The college is providing 2 Sanitary Napkin Vending Machines with 23 pads capacity for Rs. 5 each
- It is mandatory for one lady teacher to accompany the students on their industrial visit.
- Fire extinguishers are arranged.

2. Counselling:

Whenever any grievance or complaint arises, the students are directed to approach the relevant women's grievance cell. All such matters are kept highly confidential. The college takes utmost care in dealing with the said matters of counselling the girl students. The college endeavours to look after the total personality development of students leading to elevated self-confidence, positive self-image, mutual respect, etc through Co-Curricular and Extra-Curricular activities and comprehensive counselling inclusive of girl students.

3. Common Rooms :

- When girl students have break between lectures, they find relaxation in the Common Room provided separately for girl students.
- These rooms are also used to refresh during cultural events or other occasions.
- There are separate washrooms for boys and girls.

File Description	Documents
Annual gender sensitization action plan	https://www.coeshahada.ac.in/naac/criteria_7/agsap.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/drive/folders/1jzX4QedjGIdZ_YDM5dIenc_5v7oD5HdI?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management :

1. **With smart initiatives like Go Green Campus Model, Waste Management is helping our**

college, to achieve a higher level of environmental performance.

1. **Each floor is provided with dry waste collecting bins every day and collected and hand over to the concerned. A sufficient quantity of bins is provided in wet waste-prone areas like a cafeteria.**
2. **All the waste from the campus, canteen, and hostel is collected and segregated into wet & dry waste and treated properly before disposal.**
3. **The infrastructural waste like construction materials used for the fills and road ways where ever necessary on the campus or for the needy people.**

4. **Institute has taken initiatives for implementing a composting plant inside the campus for converting the organic and gardening wastes to produce good quality manure.**

- **E-waste management:**

E-waste management has been given due focus and all Electronic goods are put to optimum use; the minor repairs are done to set right the equipment by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1AcuB8cEb5I6Yu2OWk648VqOpK9Yprazr/view?usp=sharing
Any other relevant information	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles	**A. Any 4 or All of the above**

3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**D. Any 1 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[View File](#)

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college is playing an effective role as a catalyst in maintaining peace and national integration. The college regularly organizes different activities for inculcating the values of tolerance, harmony toward cultural diversities. Our college belongs to rural background. Its activities have a very positive impact on society's cultural & communal thoughts directly. The socio-economic conditions are somehow different than the other developed regions of Maharashtra.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

1. Independence Day celebration:

Every year college celebrates Independence Day on the 15th of August with flag hoisting in presence of top management dignitaries.

2. Yoga Day:

Every year our college celebrates 'Yoga Day 'on 21st June.

3. Republic Day Celebration

**The Constitution of India came into effect on 26 January 1950.
Every year college celebrates Republic Day with flag hoisting in
presence of top management dignitaries.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**C. Any 2 of the above**

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**The Institution organizes National and International,
commemorative days, events, and festivals with great zeal.
Through the celebration of these events, the students, teaching,
and non-teaching staff of this college get to know the**

importance of national integrity in the country in general and their role in it in particular. The following important events which are celebrated are:

• 26th January Republic Day is celebrated every year to commemorate the adoption of the Constitution.

• 21st June International Yoga Day is observed early in the morning by practicing Yoga, Pranayama, Meditation by students, teaching and non-teaching staff of the college.

• 15th August Independence Day a grand event is celebrated every year by the college with the unfurling of the flag by the Chairman of the P.S.G.V.P.Mandal.

• 31st October, the Birth Anniversary of Sardar Patel is celebrated as National Unity Day.

• The college actively participates in the Swachh Bharat Abhiyaan by ensuring proper sanitation facilities, dustbins on the campus, and hygiene in the toilets.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practices 1:

Title of the Practice: One day workshop on "Automation Using PLC -SCADA"

Objectives of the Practice Process: The important objectives of SCADA are to Continuous monitoring of the parameters of voltage, current, etc. And Measurement of variables for processing. Data Acquisition: Frequent acquisition of data from RTUs and Data

Loggers / Phasor Data Concentrators (PDC)

The Context: A workshop mayintroduce a new idea, inspire participants to further explore it on their own, or may illustrate and promote actual process practice. It is a great way to teach hands-on skills as it gives learners an opportunity to try out new methods and fail in a safe environment

The practice :

The practice was conducted on 22nd march 2021 in online mode. Program-related with automation was also conducted in online mode. students have performed hands on practice on the SCADA software

Evidence of Success:

1. The feedback from students has been largely positive.
2. Many students have got job opportunities

Problems Encountered and Resources Required:

Due to covid19 to organize this workshop in offline mode was not possible. as well as active students' participation in online mode was also challenging.

Expert of the workshop :

Mr . Chirag Nandha (Prolife Systems & technologies) Baroda

Total students participated: 219

Best Practices 2:

Title of the Practice: Free health camp every year

Objectives of the Practice Process: To make awareness of the different diseases right from an early age in order to take preventive measures in the future to avoid a series of complications.

The Context:

It is generally observed that the major cause of death is due to

not diagnosing the disease in the early stage. If proper care for such a dreaded disease is done in the early phage. the precious life can be saved. The D.N. Patel COE is one of the few institutes to have such a novel practice of saving young generation life for National causes.

The Practice:

The activities were started in the year 2017 and still continue.

Under the Aegis of Shri P.K.Patil foundation Shahada and in the memory of Sahkar Maharshi Anna Saheb P.K. Patil

The formal resolution passed by the management council of the institute to organize their noble event in a big way and was successfully conducted jointly withVSGGM and D.N. Patel College of Engineering Shahada.

Evidence of Success: Due tocovid19, this year's camp was not organized.

Problems encountered and Resources required:- In our society, particularly in the village area there is a lot of hesitation and resistance regarding pre-health check-ups. To make awareness of such a dreaded disease like cancer and its ill effects on women's health is a challenging task but our team made it a grand success by carrying out a rigorous Campaign in the surrounding area.

Place and Date and Time of Health Camp:- Due to covid19 this year medical camp was not organized.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

' EACH ONE PLANT ONE '

We all know how trees help Earth in purifying the air and absorbing the carbon from the atmosphere. Trees are vital. As

the most crucial component of our ecosystem, they give us oxygen, store carbon, stabilize the soil, conserve water, improve the climate and give life to the world's wildlife. We all must plant trees on every possible occasion.

Our D.N. Patel College of Engineering has started this activity of celebrating our staff member's birthdays by planting birthday trees. As usual, everyone felt really delighted while planting on their birthday.

We are supporting our mother nature by planting trees and encouraging others to do so. Let's think of the environment and plant trees ourselves and encourage others to do so. In the state of the environment, we are in today, it's only the trees that can help us come out of this situation. Trees are the lifelines and lungs of Earth

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

- **To maintain existing year activities so as these activities will serve their purpose without fail.**
- **There is further scope to improve the campus to make it more environmental and student-friendly.**
- **Planning has been made to conduct future activities in the campus.**
  - **To conduct tree plantation activities**
  - **To organize activities that will nurture students with respect to their values, rights, duties, and responsibilities.**
  - **To conduct various events related to digital India.**