Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**POOJYA SANE GURUJI VIDYA PRASARAK MANDAL'S D N PATEL COLLEGE OF ENGINEERING, SHAHADA**
Name of the head of the Institution	**Prof. Dr. N. J. Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02565229649**
Mobile no.	**9860678868**
Registered Email	**principal@coeshahada.ac.in**
Alternate Email	**dnpcoeiqac@gmail.com**
Address	**P.O. Box No. 61**
City/Town	**Shahada**
State/UT	**Maharashtra**
Pincode	**425409**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. V. S. Mahajan**
Phone no/Alternate Phone no.	**02565229649**
Mobile no.	**8983284783**
Registered Email	**vinodsm@rediffmail.com**
Alternate Email	**vinodsm83@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.coeshahada.ac.in/pdf/Annual%20Quality%20Assurance%20Report.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.coeshahada.ac.in/AC1819.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.20**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**20-Aug-2014**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
A national level workshop	**14-Sep-2018**	**92**

on	3	
IQAC Meeting	28-Jul-2018 1	10
IQAC Meeting	18-Aug-2018 1	10
IQAC Meeting	11-Oct-2018 1	11
AQAR submitted for year 2017-18	06-Dec-2018 1	1
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
P.S.G.V.P. Mandal D N Patel College of Engineering Shahada	National Level Conference	K.B.C.N.M.U. Jalgaon	2019 2	30000
P.S.G.V.P. Mandal D N Patel College of Engineering Shahada	National Level	IIT Delhi Under UBA Program	2019 365	50000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
12. Significant contributions made by IQAC during the current year(maximum five bullets)	

Enhanced teachinglearning process through elearning initiatives. Improving research activities among students and faculty members. Boosting InstituteIndustry interactions for knowledge/skill development.

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

Plan of Action	Achivements/Outcomes
To enhance E learning facilities.	Established NPTEL Local Chapter.
Encourage the research culture among the Faculty and students.	Organised a national level workshop on "Innovations, Inventions & Patents" for faculty members. Students from final year are encouraged to publish research paper on respective project.
Research Lab recognition of Instrumentation and E&TC department and renewal of recognition of Mechanical lab.	Research lab recognition received for Instrumentation department and renewal for Mechanical department.
Publishing research papers and articles in peer reviewed journals.	Research papers from faculty members and students from different departments were published.
Apply for seminars, conferences and workshops grants.	Grant received for National Level Conference from K.B.C.N.M.U. Jalgaon of 30,000 INR.
Organize National conferences, workshops, STTP's on various themes, and depute faculty to attend various conferences, workshops, STTP's.	Workshops and National level conference were organised by Institution. Faculty members of various department deputed to attend workshops/STTPs.
Sign MoU's with industries for inplant training, expert talk, industry visits, laboratory development, consultancy, etc.	MoUs were signed with different Industries.
Faculty Development Programs (FDP) to enhance the knowledge of faculty to newer areas in technology.	Faculty members from various departments completed NPTEL Online Certification as approved FDP from AICTE.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	25-Sep-2017

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	14-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	SOFT CMS COLLEGE MANEGMENT SYSTEM Main Modules : ? Back office and Student Section ? Accounting ? LC Module ? Payroll ? Security

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The curriculum and syllabi prescribed by the university are strictly adhered. 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 ? 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 plan, notes of lesson, question bank and performance details of the students ? Conduct of two Unit Tests and one mid semester examination in each semester as per the academic calendar. ? Conduct of remedial classes for the slow learners . ? Adopting new and innovative teaching techniques, in addition to the traditional lecture method 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 ? Provision of well-ventilated and spacious class rooms ? Organizing suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by University. To develop scientific temper in students to develop creative learning. Our college obeys guidelines laid down by the university. We try our level best to provide better teaching as per university schedule. If needed special classes are arranged to complete the remaining task. The university and the institute provide all types of facilities to teachers to attend U.G.C. based courses/workshops/Seminars. For effective curriculum delivery and transaction an the curriculum the institute follows a specific timetable. The sports and cultural activities are followed by calendar framed by the university. The institute/college suggested to their teachers to plan of completing the syllabus within specified period. Institute analyze stated objectives of curriculum through periodical test, annual examination and departmental council.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Microsoft Certification workshop on IoT and Machine Learning using Python	05/02/2019	41
Soft Skill(Asha foundation)	26/09/2018	150
Soft Skill	14/10/2018	150
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Industrial Training on Hardware and Networking (By JETKING Nasik)	117
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Class teacher conduct meetings with students to discuss issues they face in learning a particular subject or their performances in lecture/practical sessions. The conclusion such meetings is discussed with HOD and a summary report is sent to Principal for information and any action if required. Feedbacks are also taken from students to check teaching skills, behaviour of concerned faculty and overall experience of students with the faculty. Based on these feedback report is prepared by HOD which is shared with faculty and also forwarded to Principal for information. HOD also talk with the faculty about these feedback and directs he/she if any improvement is needed in his/her teaching methodology, behaviour or anywhere else. The institute collects data on student performance in TP activities. The institute takes feedback from the trainer, expert persons invited to conduct training of the student. The TP cell also records the number of placements in an academic year, the package details and remarks of employer about students during interviews. A suggestion box is available for the library users, in which the students/faculty may drop complaints or suggestions. Any such complaint/suggestion received is addressed by librarian immediately, discuss in advisory committee meeting if necessary then recommendations of committee are informed to the Principal for necessary action. The college seeks the written and verbal feedback from its alumni and employers. It also collects the feedback from recruiters, who visit the campus for placement. These feedbacks serve as essential tool for the institution to augment technical and soft skills of the students and to nurture their diverse talents through systematic and planned activities. The student's feedback on various aspects of College facilities is regularly gauged and improvement plan as per the comments received are initiated. The institute collects on regular basis feedback from students on Quality of Education, Provision of resources etc. The feedback forms collected from students are analyzed and improvement plan to enhance Quality of Education are initiated. The students feedback related to teaching learning process is communicated to faculty for improvement. Wherever possible, the institution plans for meeting with parents for briefing them regarding progress of students. The brief summaries of feedback received are discussed in the IQAC meetings.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	All	360	151	151
Mtech	Mechanical	18	10	10
Mtech	Electronics and Telecommunication	18	1	1
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	1057	20	61	3	64

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
64	61	13	13	0	5
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institute is located in a rural and backward region of the state, so it is obvious that students who take admission in the institute have varied social and economic background. Because of this, students require support and guidance to resolve their academic, personal and psycho-social issues. The institute provide such support and guidance by following means: - Class teachers conduct meetings with students to understand their problems and try to solve them by contacting their parents or by any other way possible. - If required class teacher can consult to or student can directly contact to higher authorities such as Head of Department or Principal to discuss their problems. - Training and Placement officer arrange sessions for career guidance, personality development and soft skills to prepare them for current industrial needs.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1077	64	1:16.8

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
78	64	14	1	4

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

BTech	5164	First Year	23/05/2019	18/07/2019
BTech	5164	Second Year	27/05/2019	31/07/2019
BE	5164	Third Year	31/05/2019	08/07/2019
BE	5164	Final Year	30/05/2019	08/07/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute ensures that all the evaluation reforms of the university effectively implemented. The principal check circulars, ordinance from university and convey the information to all HODs. The HODs of different departments spread out the information to faculty members and students for understanding. Along with Principal All HODs make sure that the two Internal Sessional Examinations, CA-I, CA-II and Mid Sem Examination must be conducted for each class in each semester. The internal examination in-charge will make the necessary arrangements for smooth and proper conduction of internal examination. The HODs also monitors that the faculty must carefully evaluate the answer sheets of students. At each department the results of examinations are submitted to IE in-charge who generate the final marks list and convey to faculty members.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the commencement of each academic year, University publish academic calendar for respective year, which consist of dates for - Commencement of the semester, - End of the semester - Oral, Practical Examinations - Theory Examinations Based on the academic calendar published by university, the institute plans its academic, co-curricular, and extra-curricular activities by preparing its own academic calendar which is displayed on notice board and circulated among staff members. Time Table Each department prepares its department level time table for lectures and practical sessions. Time Table coordinator of each department prepares Department Academic Calendar in consultation with Head of the Department. Teaching Plan Each teaching faculty prepares teaching plan based on the personal time table and syllabus specified by University for each assigned subject to plan its teaching activities. The Academic Monitoring Committee monitors and verify the teaching plan and its implementation from each faculty. Student Evaluation Schedule As per the guidelines of University, the students are evaluated through Internal Sessional Examination, End Semester Examinations (Theory and Oral/Practical). The details of these examinations are announced in advance to the students through time table notices.

2.6 – Student Performance and Learning Outcomes

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

https://www.coeshahada.ac.in/department_computer.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
516419110	BE	CIVIL	41	28	71.79
516424510	BE	COMPUTER	59	52	88.13

516429310	BE	ELECTRICAL	57	52	97.36
516477210	BE	E&TC	21	19	90.47
516446610	BE	INSTRUMENTAT ION	27	27	100
516461210	BE	MECHANICAL	57	33	57.89

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2.7 – Student Satisfaction Survey

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

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	70	Suyara Industries Pvt.Ltd	100000	100000
Minor Projects	70	Suyash Organics Pvt. Ltd.	0	0
Minor Projects	70	S.I. Biozyme	10000	10000

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Innovations Inventions and Patents	Computer Engineering	14/09/2018
IOT and Machine Learning using Python	Computer Engineering	05/02/2019
SAP HANA and Android Application Development	Computer Engineering	05/04/2019
Workshop on Arduino-IoT	Electrical Engineering	01/09/2018
Electrical Safety	Electrical Engineering	08/03/2019
Supply Chain Management	Electrical Engineering	07/03/2019
Energy Conservation, Management Audit	Mechanical Engineering	29/09/2018
STTP ON PROGRAMING IN MATLAB	Electrical Engineering	29/09/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Start-up India	Mali Pramod	Maharashtra State	03/11/2018	Student

			Innovation Society		

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
00	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CIVIL	2	6.75
International	COMPUTER	5	5.66
International	ELECTRICAL	13	5.33
National	INSTRUMENTATION	1	0

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

Department	Number of Publication
COMPUTER	2
ELECTRICAL	1
INSTRUMENTATION	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Smart Health Care Prediction System	Vinod Mahajan	International Journal of Research in Engineering, Science and	2019	0	Asst. Prof., D N Patel College of Engineering Shahada	0

	Management				
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	138	24	26
Presented papers	1	1	0	0
Resource persons	0	0	0	7
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
00	00	0	0
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
00	00	00	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyan	DNP COE SHAHADA	Campus and department cleaning	7	50
NMU Student Development	S.I.Patil Science College Shahada	Global Warming Awareness	0	3
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
00	00	00	00

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant

No Data Entered/Not Applicable !!!

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
9LEDGEPRO,MICROSOFT-AEP	05/02/2019	TRAINING AND CERTIFICATION	46
TCS Ltd	01/05/2019	Facilities Agreement	2

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
16	11.15

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIB-MAN	Partially	WEB Based	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	44240	9111523	1458	385681	45698	9497204
Reference Books	5634	1622159	62	22348	5696	1644507
Journals	50	109164	0	0	50	109164
CD & Video	240	0	0	0	240	0
Others(spe cify)	49	0	0	0	49	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	537	15	100	0	1	1	6	100	0
Added	8	0	0	0	0	0	0	0	0
Total	545	15	100	0	1	1	6	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
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4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
85.25	76.22	65.5	7.47

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

The institute have well equipped laboratories, classrooms, central library and sport complex. Following are the policies and procedures for maintenance and utilization of the same: - The laboratories are regularly upgraded with latest tools and equipments to satisfy the norms of AICTE and needs of 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 get opportunity to access them. - The indoor stadium is open for all students to issue and access sports utilities with the permission of sports teacher for all days of a week. - Every department have 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 assistant. - There are 3-4 classrooms per department in the institute which are accessible to students during lectures or free hours to do academic tasks such as assignments.

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

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	00	0	0
Financial Support from Other Sources			
a) National	Scholarship from Social Welfare Department,Scholarship from Tribal Development Department Maharashtra Government,EBC Scholarship from Maharashtra Governmentthrough DTE,Minority Student scholarship of Central Govt. New Delhi	856	26948788
b)International	00	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability	Date of implemetation	Number of students	Agencies involved

enhancement scheme		enrolled	
Industrial lecture on PLC and SCADA	02/04/2019	21	Prolific systems and Technology Pvt.Ltd. Baroda
Workshop on Mobile making and IOT	04/05/2019	40	Indian Tech group and Symposium IIT, Mumbai By-Sandip Pathare
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Start-up India Boot Camp	0	100	0	0
2018	Robonist Workshop	0	380	0	0
2018	Study Abroad and Visa	0	140	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

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

Items	Number of students selected/ qualifying
GATE	1
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every department has its student association consisting of two students from each class, a student coordinator, two faculty advisers and Head of the department. The association is responsible for conduct of various activities like fresher's welcome, teachers' day celebration, aptitude test, quiz, debate competition, group discussion etc. Provision of funds is made to conduct these activities in the institute budget. The student council is constituted as per the university norms which include a class representative from each class on merit basis, a student representative nominated by sports committee, a student representative nominated by cultural committee, a girl student from backward category. From these students, a University Representative (UR) is elected who represents students of the college at university level. S/he is responsible for putting up the students related issues at university level. Student representation and participation has been an integral part of academics as also of the various activities of the college. Student representation is also in the following: •?IQAC •?All organizing committees for seminars, conferences and workshops conducted for students by the institute •?All Department Association activities of students and annual festivals are organized by students •?Student Council •?Library Committee •?Student Chapters of Professional Society •?Cultural Extra-co-curricular activity •?Sports activity Electronics and telecommunication department has ISTE TESA committee. TESA Electronics Telecommunication Engg Students Association (TESA) is our departmental committee Student working under TESA conducts various competition organizes department level program like Teachers day Farewell to final year students etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

20000

5.4.4 – Meetings/activities organized by Alumni Association :

Presentation for BAJA arranged in mechanical department for alumni.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Management gives sufficient freedom to the Principal, who is the academic head of the institution to function in order to fulfil the vision and mission of the institution. Academic responsibilities are fairly divided among all the staff members. Committees are appointed for the various academic and cocurricular activities to be conducted in the course of the academic year. The list of committees is displayed at the beginning of the year on the staff notice-board. This ensures 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 having a lecturer-in-charge. The Principal of the College holds regular meetings with the teaching and non- teaching staff. In these meetings, various issues are taken up for discussion before arriving at a final decision. The Heads of Departments monitor the functioning of the various departments. The participative decision-making ensures total participation of all the people concerned. The office administration of the College is headed by the Registrar under whom there are Office Superintendents, Head Clerks, Senior Clerks, Junior Clerks and other Class III and Class IV Staff. The Registrar in consultation with the Principal co-ordinates the day-to-day activities. The Management is always open to discussion with the teaching and nonteaching staff which, in turn, encourages the involvement of the staff for the improvement of effectiveness and efficiency of the institutional process. There are regular meetings of office bearers and Management representatives. There is a college development committee in the College.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The curriculum is designed by University and implemented by the college through well designed teaching-learning processes. Staff members from various departments are members of BOS, NMU Jalgaon. Also, the faculty of the College was on the Syndicate/BoS/Academic Council/Syllabus Committee of the KBCNMU Jalgaon.
Teaching and Learning	Each teaching faculty prepares teaching plan based on the personal time table and syllabus specified by NMU for each assigned subject to plan its teaching activities. The Academic Monitoring Committee monitors and verify the

	teaching plan and its implementation from each faculty. The institute give more emphasis towards increasing learning abilities of students. The institute defines course objectives and course outcomes for every course. The course objective and course outcomes enable students to understand the importance and purpose of the respective subject. Teachers continuously take feedback from students during the lectures to ensure that the course objective is attained. Based on this feedback, teachers refine their way to deliver the lectures, which improves the course outcomes.
Examination and Evaluation	As per the guidelines of University, the students are evaluated through Internal Examination, End Semester Examinations (Theory and Oral/Practical). The details of these examinations are announced in advance to the students through time table notices.
Research and Development	Research is creation of knowledge which leads to new and efficient solutions for the society. Our PSGVP Mandals COE therefore believes in being at the forefront of research. To create knowledge, one needs to solve open ended problems, which basically make one think on ones own. After all, the ultimate goal of all research is not objectivity, but truth. DNPCOE is now focusing more on Research Programs and need based technology. Accordingly, an independent RD Cell has been established to promote and monitor the research Programs of the college. R D cell is headed by a Dr. D.M. Patel and supported by HODs of various departments and students. RD cell as advisory board with senior faculty members. The cell manages all the research Programs of the college by monitoring and coordinating the research Programs. It conducts the research review meeting to examine the quality of research being conducted by various teams. The R D cell also recommends on the sanction of research scholarships to scholars.
Library, ICT and Physical Infrastructure / Instrumentation	Library has separate Reading Room for Boys Girls, as well as for teaching and non-teaching staff with access to E-resources. Book Bank Facility for first year students. The number of useful and

	required books increase from time to time.
Human Resource Management	The College has adopted a mandatory Self-Appraisal Method to evaluate the performance of the faculty in teaching, research and extension programmes. At the end of the academic year every teacher is given an Academic Performance Indicator (API) form on the basis of the UGC regulations. The form requires the teacher to give his/her self-evaluation of the academic, co-curricular and extra-curricular work done during that year. It also requires the teacher to enumerate the papers presented at conferences, seminars, refresher courses and orientation programmes he/she has attended. The report to be filled in by each teacher is also evaluated and it analyses the duties performed with respect to lectures completed as per the teacher's planned lecture schedules, lectures taken. The Principal appreciates during monthly staff meetings notable performance of any faculty member and then persuades the other faculty members to follow such best practices in the interest of the College and self-development. The evaluation of teaching faculty by the student and the peers has been adopted in our college which helps in self-evaluation and development
Industry Interaction / Collaboration	Experts are invited from various fields to deliver guest lectures and industrial visits are arranged. Many students are placed every year in different organizations through campus interviews conducted in our college, in collaboration with prominent industries
Admission of Students	The admission process is based on the policies and guidelines provided by Director of Technical Education (DTE), Maharashtra State, Mumbai, AICTE Delhi and Affiliated University.

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

E-governace area	Details
Finance and Accounts	? Finance and Accounts The college have subscribed an ERP systems named Soft CMS: College Management System to perform following financial activities: - General ledger account creation - Cash receipt - Cash payment - Multiple cash payment - Cash transfer - Journal

		entry - Cheque (receive / payment) - Multiple cheque payment - Multiple journal entry - Standard wise faculty wise fee structure setup - Special fee structure for particular students - Fee collection - Miscellaneous charges collection - Refund fee transaction - One shot payroll accounts transaction (if payroll module) - Cash receipt - Fee receipt - Miscellaneous receipt - Refund fee receipt - Statement of account - Statement of account (with date wise summarized) - Cash scroll register (user wise – with all users) - Balance report - Cash book – summarized - Cash book – details - Cash book – summarized details - Fee receipt register - Miscellaneous receipt register - Refund fee receipt register - Cash receipt register - Daily fee register - with fee details - Daily fee register – with fee summary - Daily miscellaneous charge register – with miscellaneous charge details - Daily miscellaneous charge register – with miscellaneous charge summary - Individual fee register (class wise) - Class wise student list - Student fee dues – details - Student fee dues – summary - Fee with bank - Trial balance - Balance sheet - Surplus Deficits statement (Profit Loss statement) - List of GL head - Hostel student list with address and tel. no. - Employee master - Professional tax master - Loan/RD/LIC/PLI master - Order allowance and deduction - Pay grade master - Order designation - Order employee - Staff type master - Increment master - Monthly Transaction - IT/LWP transaction - Deduction updation - Pay Bill generation - Pay Bill deletion - Report - Pay sheet - Pay slip printing - PF details, Salary list - Transactions wise list - Salary Summary
	Administration	? Administration The college have subscribed an ERP systems named Soft CMS: College Management System to perform following administrative activities: - Students category master - Academic year master - Course master, - Standard master - Div. master - Class masters - Percentage wise remark master - Student admission - Student cast master - Student class creation - Student class setting, - Roll No. creation - Change of class - Allot

	enrollment / tel. no. - Create hostel student list - Student category checking - Check new students registration status - Allot registration no. - Removal of duplicate record - Class wise student list - Category wise student list - Hostel student list
Student Admission and Support	LC charge collection - Leaving certificate / Migration certificate creation - Leaving certificate / Migration certificate printing - Reprinting of Leaving certificate / Migration certificate with authority - Duplicate Leaving certificate / Migration certificate creation - Duplicate Leaving certificate / Migration certificate printing with authority - Cancel Leaving certificate / Migration certificate creation with authority - Birth certificate - Character certificate - First attempt certificate - Mother tongue certificate - Bonafied certificate - Appearing certificate - General register - Leaving certificate issue details
Examination	All the activities of examination is now online like examination form filling, evaluation, remedial examination etc.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Innovations Inventions and Patents	-	14/09/2018	16/09/2018	51	0

		No file uploaded.		

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Product Design Engineering	5	07/12/2018	11/12/2018	5
Simulation Solution for Engineering Application	2	11/03/2019	15/03/2019	5
Water Treatment Plant Design	1	03/01/2019	09/01/2019	7
Data Analytics using R Programming	1	03/01/2019	04/01/2019	2
IoT for Hands on Experimental Learning	1	23/07/2018	28/07/2018	6
		No file uploaded.		

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
64	0	55	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
P.F., Gratuity and Insurance Scheme	P.F., Gratuity and Insurance Scheme	Government Scholarships, Insurance Scheme

6.4 – Financial Management and Resource Mobilization

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

To check all receipt and payments recorded in cash book and ledger day by day. Fee receipts, voucher of expenses sanctioned by principal. All bank account statement verifies by auditors. Our internal audit team formed by management audit regularly in half year. And external auditors appointed by management, the m/s P D Dalal Co. Chartered Accountant, Dhule.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

48678251

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	College
Administrative	No	NA	Yes	College

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

Association not formed but time to time parents and teacher communication each other to perform and support different activities.

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

NIL

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

- Institute has started NPTEL Local Chapter for online certification courses. - Faculty members are mandated to publish at least one research paper in Scopus Indexed journal. - Department of Computer Engineering has started conducting online examinations to increase revenue.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

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

Percentage of power requirement of the University met by the renewable energy sources
00

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0

Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!								
No file uploaded.								

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	18/08/2018	All the stakeholders of institute follows the rules and regulations mention in code of conduct book.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!				
View File				

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- A lot of expenditure is incurred to keep the environment green. For this the college support staff does Tree Plantation. - Awareness is created in the Institute to save energy by displaying posters and articles regularly. - Building, classrooms and laboratories are designed in a way to have sunlight for utmost period of day hours and to have maximum ventilation and lighting. - Most ordinary lights are replaced by LEDs and CFLs. - Electrical devices are switched off when not in use. - Most of the Computer CRT monitors are replaced by LCD/LED monitors to save energy. - Students are encouraged to work on projects leading to energy conservation. - Use of plastic cup and poly-bags are strongly discouraged in the campus. - Optimal utilization of print out papers is emphasized. - Paperless office communication is practiced

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

-Transparency in the Evaluation Process -Introduction extra hours teaching for doubt clears classes and support in study materials.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.coeshahada.ac.in/pdf/Best%20Practices.pdf

7.3 – Institutional Distinctiveness

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

The institute was established with vision to empower the students from rural area who did not get enough opportunities. The institute provides a platform to such students so they can compete with the students who are pursuing education in urban. The institute frequently arranges counselling and guidance sessions for the students especially which are slow learners to solve their learning related issues. The institute also conduct Industrial Lectures/ Visits to make them aware of current trends in industries. The institute has established special cell to guide students about various competitive examinations. As a result many students from the region are working in civil services. Since various workshops/ technical sessions are also arranged for them many of are currently working in MNCs as well. They are also encouraged to become entrepreneur via supporting them to establish their start-up through government supported schemes.

Provide the weblink of the institution
https://www.coeshahada.ac.in

8.Future Plans of Actions for Next Academic Year

-To increase participation of staff and students in E-learning. - Encourage the research culture among the Faculty and students. -- Publishing research papers and articles in peer reviewed , Scopus , SCI or UGC approved journals. - Apply for seminars, conferences and workshops grants. - Organize National conferences, workshops, STTP's on various themes, and depute faculty to attend various conferences, workshops, STTP's. - Sign MoU's with industries for inplant training, expert talk, industry visits, laboratory development, consultancy, etc. - Faculty Development Programs (FDP) to enhance the knowledge of faculty to newer areas in technology.