



Yearly Status Report - 2019-2020

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	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	dnpcoeqac@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	Self financed
Name of the IQAC co-ordinator/Director	Vinod Shantaram Mahajan
Phone no/Alternate Phone no.	02565229649
Mobile no.	8983284783
Registered Email	dnpcoeqac@gmail.com
Alternate Email	vinodsm@rediffmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://coeshahada.ac.in/pdf/AOAR%202018_19.pdf
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/pdf/AC1920.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	20-Aug-2014
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		

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8. Provide the list of 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
PSGVP Mandal's D.N. Patel College of Engineering, Shahada	TEQIPIII	DBATU, Lonere	2019 2	25000
PSGVP Mandal's D.N. Patel College of Engineering, Shahada	TEQIP-III	DBATU, Lonere	2019 7	0
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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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

The enhancement in teaching learning process through E learning initiatives. Improving research activities among students and faculty members. Skill improvement through conduction of various development activities.

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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
No Data Entered/Not Applicable!!!	
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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 ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	30-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton 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 have been 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 contains a lesson plan, notes of the lesson, and question bank and performance details of the students. - Conducting two Unit Tests and one mid-semester examination in each semester as per the academic calendar. - Adopting new and innovative teaching techniques, in addition to the traditional teaching 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. - Provision of well-ventilated and spacious classrooms. - Organizing suitable guest lectures and industrial visits to improve the effectiveness of the implementation of the curriculum designed and specified by the University. To develop scientific temper in students and to develop creative learning the college obeys guidelines laid down by the university. We

try our level best to provide better teaching as per the university schedule. If needed extra classes are arranged to complete the remaining task. The university and the institute provide all types of facilities to teachers to attend courses/FDPs/STTPs/workshops/seminars etc. For effective curriculum delivery and transaction, the institute follows an academic calendar. The sports and cultural activities are carried out as per the calendar framed by the college/university. The college directs their teachers to prepare a teaching plan at the beginning of the term for completing the syllabus within a specified period. College checks attainment of stated objectives of the curriculum through the periodical tests, annual examinations, and academic audits.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
0	0	Nil	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
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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
BTech	All Branches	15/07/2019
BE	All Branches	15/07/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
Workshop :Industrial Motivational Campaign under MSME, Delhi Indo German Tool Aurangabad	03/02/2020	178
Workshop: Industrial Approach In Electronics "In Association with Electronics Study Center, Nasik	30/09/2019	91
Swayam NPTEL Online Course Certification	29/07/2019	116
Swayam NPTEL Online Course Certification	27/01/2020	304

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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
BE	Mechanical Engineering	17
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Class teachers conduct meetings with students to discuss issues they face in learning a particular subject or their performances in lecture/practical sessions. The conclusion of such meetings is discussed with HOD and a summary report is sent to the Principal for information and any action if required. Feedbacks are also taken from students to check the teaching skills, behaviour of concerned faculty and overall experience of students with the faculty. Based on this feedback a report is prepared by HOD which is shared with faculty and also forwarded to the Principal for information. HOD also talks with the faculty about this feedback and directs he/she if any improvement is needed in his/her teaching methodology, behavior or anything 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 and the package details. 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 the librarian immediately, and discussed in advisory committee meetings if necessary. The recommendations of the 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 feedback from recruiters, who visit the campus for placement. This feedbacks serve as an essential tool for the institution to augment the 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 plans as per the comments received are initiated. The institute collects feedback on regular basis from students on Quality of Education, Provision of resources, etc. The feedback forms collected from students are analyzed and improvement plans to enhance the Quality of Education are initiated. The students feedback related to the teaching-learning process is communicated to faculty for improvement. Wherever possible, the institution plans for meeting with parents for briefing them regarding the 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 Branches	336	Nil	105
Mtech	Mechanical	18	Nil	9
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1161	19	52	3	Nil

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	Number of smart classrooms	E-resources and techniques used
55	48	2	12	Nil	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 to the institute have a varied social and economic backgrounds. Because of this, students require support and guidance to resolve their academic, personal, and psycho-social issues. The institute provides such support and guidance by the following means: - Class teachers conduct meetings with students to understand their problems and try to solve them by contacting their parents or in any other way possible. - If required, the class teacher can consult to or student can directly contact higher authorities such as the Head of Department or the 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
1180	55	1:21

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
73	55	18	Nil	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
No Data Entered/Not Applicable !!!				
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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 are effectively implemented. The principal check circulars, an 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 Semester 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 monitor that the faculty must carefully evaluate the answer sheets of students. At each department, the results of examinations are submitted to the ISE in-charge who generate the final marks list and convey it to faculty members and display the same on the notice board for students,

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 publishes the academic calendar for the 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 the university, the institute plans its academic, co-curricular, and extra-curricular activities by preparing its own academic calendar which is displayed on the notice board and circulated among staff members. Time Table Each department prepares its department-level timetable for lectures and practical sessions. Time Table coordinator of each department prepares Department Academic Calendar in consultation with the Head of the Department. Teaching Plan Each teaching faculty prepares a teaching plan based on the personal timetable and syllabus specified by University for each assigned subject to plan its teaching activities. The Academic Monitoring Committee monitors and verifies the teaching plan and its implementation from each faculty. Student Evaluation Schedule As per the guidelines of the 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 timetable 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

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NA	Nil

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	Instrumentation Engineering	1	0
International	Mechanical Engineering	6	3.63
International	Computer Engineering	9	6.33
International	Electrical Engineering	5	0
International	Applied Science	1	5.75
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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
Mechanical Engineering	2
Civil Engineering	2
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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
No Data Entered/Not Applicable !!!						
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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	10	70	40	Nil
Presented papers	Nil	4	Nil	Nil
Resource persons	Nil	4	Nil	Nil
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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
Helping Hand	Rotaract Club and D. N. Patel COE, Shahada	1	29
Medical Camp	Jupiter Hospital, Thane, P.K. Anna Patil Foundation, VSGGM, and PSGVP Mandal	10	20
Blood Donation	Navjeevan Blood Bank Dhule, P.K. Anna Patil Foundation, and PSGVP Mandal	6	40
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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
Guest Lecture on "Web Designing"	Certificate and Honorarium	G.B.H.S.S. Pansemal (M.P.)	50
Guest Lecture on "HTML Language"	Certificate and Honorarium	G.B.H.S.S. Pansemal (M.P.)	50
Mentoring students for SWAYAM NPTEL Course	Certificate	SWAYAM NPTEL	35
Mentoring students for DST Texas Instruments India Innovation Challenge Design Contest 2019	Certificate	AICTE NSRCEL@IIMB	8
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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 activities	Number of students participated in such activities
Swachchh Bharat Abhiyan	Department of Electrical Engineering	Swachchh Bharat	5	105
Swachchh Bharat Abhiyan	Department of Instrumentation Engineering	Swachchh Bharat	7	100
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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
0	0	0	0
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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
Vocational In-plant Training	Industrial Training	Loknayak Jayprakash Narayan Shetkari Sahakari Sootgirani Ltd., Kamalnagar.	22/12/2019	22/01/2020	6
Training	Industrial Motivation Campaign for Youths (IMC-Y)	Indo German Tool Room, Aurangabad.	03/02/2020	04/02/2020	3
No file uploaded.					

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
No Data Entered/Not Applicable !!!			
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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
66.5	10

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
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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 partially)	Version	Year of automation
LIB-MAN MasterSoft	Partially	WEB Based	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	45698	9497204	1448	274507	47146
Reference Books	5701	1931125	30	11376	5731	1942501
Journals	50	109164	51	124698	101	233862
CD & Video	240	Nil	Nil	Nil	240	Nil
Others (specify)	49	Nil	Nil	Nil	49	Nil
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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
NA	NA	NA	Nil
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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	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	545	400	340	0	60	10	60	400	15
Added	0	0	0	0	0	0	0	0	0
Total	545	400	340	0	60	10	60	400	15

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

400 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
Computer System, Internet and Headphone with Mic available	Nil

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
70	69.2	20	0.44

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 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 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.

<http://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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
View File			

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 implementation	Number of students	Agencies involved
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enhancement scheme		enrolled	
Mentoring In Swayam NPTEL Online Course	29/07/2019	420	Swayam-NPTEL
Art of Living "Students Excellence Learning program (SELP)" for Induction	20/08/2020	60	DBATU Lonere and Art of Living Foundation
Soft Skill Personality Development Training Program	14/10/2019	134	Rubicon Skill Development Pvt. Ltd. Mumbai
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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 passed in the comp. exam	Number of students placed
2020	Pushpakamal Competitive Examination Forum	38	38	Nil	Nil
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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
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students 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	Department graduated from	Name of institution joined	Name of programme admitted to
Nil	1	B.E.	Computer Engineering	Leeds Beckett	M.Sc. (International)

				University, Leeds (England)	Events Management)
Nill	1	B.E.	Computer Engineering	Seneca Int ernational Academy, Toronto, Ontario, (Canada)	Business Analytics & Project MGM- IT
2020	1	B.E.	Instrument ation Engineering	Dr. A.P.J. Abdul Kalam University, Indore	M.Tech. (C.T.A.)
2020	3	B.E.	Mechanical Engineering	D.N.Patel College of Engineering, Shahada	M.Tech. (Mechanical Engineering)
2020	1	B.E.	Instrument ation Engineering	RAIT, Navi Mumbai	M.Tech. (I nstrumentati on Engineering)
2020	3	B.E.	Electrical Engineering	Dr. A.P.J. Abdul Kalam University, Indore	M.B.A. (Operation and Management)
2020	1	B.E.	Civil Engineering	KJIE's Trinity Academy of Engineering Yeolvadi Pune	P.G. Construction Management
2020	1	B.E.	Computer Engineering	Deakin University, Melbourne (Aus)	Master of I.T.
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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
Any Other	3
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Due to some unavoidable circumstances, the student council was not established in AY 2019-20. But students volunteered in the following activities: - Extra-curricular activities - Sports activities - Celebrations of National/International days - Social Activities In addition, students have representation in the following Academic Bodies/Committees: - College Development Committee - Sexual Harassment Committee - Anti Ragging Squad

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

260

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

20000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet on February 29, 2020.

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 of the college has appointed the Principal as head of the institute, who works in coordination with the Academic Dean to fulfill the vision and mission of the institution. Academic and administrative responsibilities are fairly divided among all the staff members. Committees are appointed for the various academic and co-curricular activities to be conducted in the academic year. The list of committees along with respective responsibilities is displayed at the beginning of the academic 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 supervised by the concerned faculty member. The Principal of the College conducts 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. 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 Office Superintendents, Head Clerks, Senior Clerks, Junior Clerks, and other 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 with the teaching and non-teaching 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. Also, the faculty of the College is a part of the Syndicate/ BoS/ Academic Council/ Syllabus Committee of the KBCNMU Jalgaon and DBATU Lonere.
Teaching and Learning	Each teaching faculty prepares teaching plan based on the personal time table and syllabus specified by KBCNMU/DBATU for each assigned subject to plan its teaching activities. The Academic Monitoring Committee monitors and verifies the teaching plan and its implementation from each faculty. The institute gives 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 Examinations, End Semester Examinations (Theory and Oral/Practical). The details of these examinations are announced in advance to the students through time table notices. After results have been published, the students can clarify any assessment related issues.
Research and Development	Research is creation of knowledge which leads to new and efficient solutions for the society. The college

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 one's own. After all, the ultimate goal of all research is not objectivity, but truth. The college focuses more on research activities and need based technology. Accordingly, an independent RD Cell has been established to promote and monitor the research activities. RD cell is headed by a Dr. D.M. Patel and supported by Head of various departments and students. RD cell has advisory board with senior faculty members. The cell manages all the research activities of the college by monitoring and coordinating the research programme. It conducts the research review meeting to examine the quality of research being conducted by various teams. The RD cell also recommends on the sanction of research scholarships to scholars.

Library, ICT and Physical Infrastructure / Instrumentation

Library has separate Reading Room for Boys and Girls, as well as for teaching and non-teaching staff with access to E-resources. College provides Book Bank Facility for first year students. New books are added as per the requirements specified by faculty members and/or students.

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, cocurricular 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. It is analyzed by Academic Audit Committee comprises faculties from sister institutions in order to assess the activities performed/achievements. The committee encourages and suggests improvements as per the assessments. The Principal appreciates 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. The industrial visits are arranged to give students industry exposure. 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 Directorate of Technical Education (DTE), Maharashtra State, Mumbai, AICTE Delhi and Affiliated University.

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

E-governance area	Details
Administration	Administration The college have subscribed an ERP system named Soft CMS: College Management System to perform following administrative activities: - Student's 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.
Finance and Accounts	The college have subscribed an ERP system 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

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 are now online like examination form filling, evaluation, remedial examination. All these activities are completed through university portal.

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
Nil	NA	NA	NA	Nil
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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)
2019	Workshop on Industrial Approach in Electronics	NA	30/09/2019	04/10/2019	10	Nil
2020	FDP on Mobile App Development using HTML5, JS, and CSS	NA	07/02/2020	08/02/2020	50	Nil
2020	FDP on Moodle Learning Management System	NA	09/05/2020	15/05/2020	230	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
55	55	48	48

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
P.F., Gratuity and Insurance Scheme, T.A.	P.F., Gratuity and Insurance Scheme, T.A.	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 receipts and payments recorded in the cash book and ledger day by day. Fee receipts, vouchers of expenses are sanctioned by the principal. All bank account statements are verified by auditors. An internal audit team is formed by management, which conducts audits on a periodic basis. The external auditor, M/S P.D. Dalal Co. Chartered Accountant, Dhule is appointed by management to prepare an authorized audit report.

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 !!!		
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6.4.3 – Total corpus fund generated

48647651

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	DBATU Academic Audit Committee	Yes	PSGVPM Academic Audit Committee
Administrative	No	NA	Yes	PSGVPM Audit Committee

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

Association is not formed but parents and teachers communicate with each other from time to time to perform and support different activities. This includes - Attendance status of the students. - Progress and performance of students. - Feedback from parents for college improvement.

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

The college has the following provision for the development of support staff - Allowing to pursue higher education. - Training on MIS software(s) used for automation from time to time. - Encouragement for attending training sessions for skill development.

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

- Institute has started NPTEL Local Chapter for online certification courses. - Department of Computer Engineering started providing infrastructure and facilities required to conduct online competitive examinations to generate extra funds. - To cultivate a research culture among faculty members, they are mandated to publish at least one research paper in Scopus Indexed journal. - To improve the teaching-learning process, faculty members are encouraged to pursue a doctoral degree in their respective disciplines.

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 !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Workshop on Yuvati Sabha	05/10/2019	05/10/2019	24	Nil

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
Use of LED bulbs/ power-efficient equipment : i. Tube lights have been replaced by LED lights. ii. Computer CRT monitors are replaced by LED and LCD monitors. Any other relevant information : i. Electrical Department has monitored taken the initiative of conserving electrical energy by the improved power factor. ii. Buildings, classrooms laboratories are designed in such a way that to have maximum ventilation lighting. iii. Staff members and students are encouraged to switch/turn off electrical devices when not in use with the help of various posters having catchy slogans.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

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
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No Data Entered/Not Applicable !!!

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

I. Energy conservation II. Rainwater harvesting III. Solid waste management IV. E-waste management V. Green campus initiatives
 1. Restricted entry of automobiles 2. Encouragement to Bicycles/ Battery-powered vehicles 3. Ban on use of plastic 4. Landscaping with trees and plants 5. No Smoking, No Tobacco in the campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 1 : Title of the Practice: Free Health Camp for Children Suffering Heart Diseases by Birth Objectives of the Practice Process: To create awareness of the heart diseases right from the birth of children in order to take preventive measures in future to avoid serious complications of the heart. The Context: It is generally observed that the major cause of death during the human-being life span is heart complications in one or another form. If proper care of such dreaded disease is done in the early phase of childrens lives, the precious life can be saved. Early diagnosis of heart disease in children can adapt and change their lifestyle to avoid mortality. The college is one of the few institutes to have such a novel practice of saving the young generations life for a national cause. The Practice: The activity was organized in the year 2019 under the aegis of Shri P.K.Patil Foundation, Shahada, and in the memory of Sahkar Maharshee Kai. Annasaheb P.K. Patil. The formal resolution was passed by the Management Council of the Institute to organize this noble event at a grand scale. The event was successfully conducted jointly with VSSGGM and D.N. Patel College of Engineering, Shahada. Event Details: - Date: 6th October 2019 - Number of Patients Registered: 132 - Number of Patient Referred: 132 List of Specialist Doctors: Dr. Ashutosh Singh M.S. (General Surgery), Consultant Pediatric Cardiac Surgeon, Jupiter Hospital, Thane Dr. Shrinivas L.DNB, FNB, Interventional Pediatric Cardiologist, Jupiter Hospital, Thane Evidence of Success: In the year 2019-2020 as many as 132 children were referred by

expertise in the medical field and those children who were diagnosed with serious heart complications were referred for further consultation and next free of cost procedure at Jupiter Hospital, Thane. In total 14 out of 132 Children were sent up for operation of heart ailments in Jupiter Hospital. Problems Encountered and Resources Required: There is a lot of response for this camp as we have not expected. But we have started a rigorous campaign in advance that more privileged children will be benefitted. As their parents could not afford expenses incurred in the operations related to heart ailments.

Related links:

<https://drive.google.com/folderview?id1kKVULMxbN0xBIPL20xsboz5S1uylKBrH> Best Practices 2: Title of the Practice: Vidyashram Techfiesta 2K20 Objectives of the Practice Process: D. N. Patel College of Engineering Techfiesta has been popular as a way for colleges to engage students and prepare them for the real world. These activities motivate students to participate and show off their hidden skills. The efforts of students make college fests more entertaining and thrilling. Several events in Techfiesta help to gain confidence, prepare for the job market, and have a major impact on a students career. The Context: To improve student's skills, as well as how to interact and behave with clients, our college organizes festivals, cultural activities, sports competitions, and other events. Apart from that D. N. Patel College of Engineering organized Vidyashram Techfiesta 2020. It demonstrates their talent and ability to participate in a variety of activities. Furthermore, this co-curriculum distinguishes pupils from other students who choose to continue higher education abroad. Participating in Techfiesta activities, such as Paper and Poster presentation, Circuit Mania, Loop Chase, Chop Structure, Quiz Competition, Roborace helps students how to manage their time successfully. Techfiesta allows them to socialize with their peers and establish new acquaintances. While preparing an event, students meet new people and build their network. The majority of these activities are done in groups, allowing students to meet others from different cultural backgrounds and interests. The Practice: Our College organized the 12th National Level Technical Event, Vidyashram Techfiesta 2020. Techfiesta is an excellent way for students to demonstrate their leadership and organizational abilities. In many cases, that is where a student learns to organize, manage, engage, and work as a team to achieve a common goal, something no classroom activity can provide. Cultural integration helps students from outside the city/state learn about local culture, which is another key benefit of such activities. It takes a lot of time and effort to organize and participate in Technical activities. Techfiesta allows students to collaborate on a common goal, instilling a sense of responsibility in them. It improves their self-esteem and teaches them how to work in a team and in a range of challenging situations. It contains information about people of interest as well as cultural backgrounds. These positive contacts not only improve their speech and social abilities but also prepare them for life in general. Evidence of Success: 1500 active students participated in the followings events : 1. Paper presentation 2. Poster presentation 3. Circuit mania 4. Electric circuit 5. Quiz 6. Loop mania 7. AutoCAD 8. Blind C 9. CAD Design 10. Chop Structure 11. Box Cricket 12. Robo race 13. Need for Speed 14. Pubg 15. Musical balloons 16. Treasure hunt 17. Free kick 18. Blindfold 19. Body zorbing These beneficial interactions not only strengthen students 'interaction and communication skills but also help them prepare for life. Problems Encountered and Resources Required: - Awareness about technical events. - Low financial fund.

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/naac/Best_Practices.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

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 worlds wildlife. We all must plant trees on every possible occasion. The college started celebrating staff member's birthdays by planting birthday trees. The staff members are insisted to take care of the tree planted on the occasion. Everyone feels delighted and cheered up while planting trees on their birthday. This is a small step taken to support our mother nature by planting trees and encouraging others to do so. Let us 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.

Provide the weblink of the institution

<http://www.coeshahada.ac.in/>

8.Future Plans of Actions for Next Academic Year

- To further strengthen the ICT facilities for teaching-learning. - To improve research activities by encouraging faculty members and students. - To conduct different training and placement activities for students. - To instruct faculty members for participation in professional development activities from recognized bodies. - To organize various social activities for and with the society. - To arrange seminars/webinars for career guidance or competitive examinations for students. - To generate revenue from other sources like consultancy, online examinations, etc. - To sign MOUs with industries for industry-institute interactions.