



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	DATTAKALA GROUP OF INSTITUTIONS
Name of the head of the Institution	Dr. Sharad Shankar Karne
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02117203183
Mobile no.	9673002923
Registered Email	dkgoi@dattakala.edu.in
Alternate Email	president@dattakala.edu.in
Address	Gat No. 541/2 , Off Pune-Solapur National Highway
City/Town	At Post - Swami Chincholi Tal - Daund Dist - Pune
State/UT	Maharashtra
Pincode	413130

<b>2. Institutional Status</b>																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Rural																
Financial Status			Self financed																
Name of the IQAC co-ordinator/Director			Prof. S.S. Kathale																
Phone no/Alternate Phone no.			02117203183																
Mobile no.			9673002923																
Registered Email			dkgoi@dattakala.edu.in																
Alternate Email			president@dattakala.edu.in																
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)			<a href="https://www.dattakala.edu.in">https://www.dattakala.edu.in</a>																
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="https://www.dattakala.edu.in">https://www.dattakala.edu.in</a>																
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.31</td> <td>2017</td> <td>30-Oct-2017</td> <td>29-Oct-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.31	2017	30-Oct-2017	29-Oct-2022
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				Period From	Period To														
1	B	2.31	2017	30-Oct-2017	29-Oct-2022														
<b>6. Date of Establishment of IQAC</b>			06-Dec-2017																
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Webinar on Importance of Mechatronics and Automation</td> <td>05-Sep-2020 1</td> <td>102</td> </tr> </tbody> </table>						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	Webinar on Importance of Mechatronics and Automation	05-Sep-2020 1	102					
Quality initiatives by IQAC during the year for promoting quality culture																			
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Webinar on Importance of Mechatronics and Automation	05-Sep-2020 1	102																	

Webinar on Effective ways for Technical Paper Writing	23-Aug-2020 1	62
Webinar on Research Tools for PhD Aspirants	29-May-2020 1	161
Webinar on Education Four ie Future Of The Education	29-May-2020 1	95
Seminar on Opportunities for Engineers in Public Services	26-Sep-2019 1	57
<a href="#">View File</a>		

**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
Nil	Nil	Nil	2020 0	0
No Files Uploaded !!!				

**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)**

1) Made available online platform through Google Meet Suit for Students and Faculties to fulfill all their academic needs during this pandemic situation. 2) Conducted Various webinars through the same platform on Technical/Educational/ Social/ Career Oriented topics to upgrade the knowledge of Students and faculties. 3) Encouraging Students for industrial visits to understand and upgrade their information regarding ongoing industrial practices. 4) Encouraging faculties to attend the Seminars/Workshops/STTP/FDP etc

[View File](#)

**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 perform regular academic audits during semester	Under the steering of Principal, Academic Dean and IQAC Co-ordinator, regular academic audits were conducted to ensure the standing of syllabus completion, Internal Assessments etc.
Plan to increase research awareness among faculties	Faculty members were encouraged to apply for BCUD and AICTE research project. Faculty member also encouraged for publication
Plan for industrial visit and industry Institute interaction	Visits to various industries organized by all departments to give practical exposure to students and have an interaction with these peoples in institute.
Plan to arrange social activities & NSS camp.	Various social activities are conducted under the banner of NSS to make students responsible for society.
Plan to attend FDP by staff and also arrange in the institute	Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends
Plan to conduct college level seminars	College level seminars were conducted by the departments
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
<b>IQAC Committee</b>	<b>27-Aug-2021</b>

**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

19-Jan-2020

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institution is using Management Information System (MIS) installed by ASPIRE. The MIS is effectively used to maintain the data of Admitted students, Faculty details by DGOI office. The MIS is being used by Account section to maintain the record of fees paid by students and Library section to maintain their all records in the system.

## 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 departments of the institution systematically develop action plans for effective implementation of the curriculum considering the SPPU academic calendar, DGOI policies and administrative decisions. Faculty is encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits. Along with the university curriculum, every department also plans meticulously for various activities throughout the semester to achieve the overall development of students. > Academic calendar is prepared well before the commencement of every semester of academic year by each department. This calendar consist of plan of conducting in-house tests, STP, VAP, Quantitative Aptitude and Logical Reasoning (QALR) test, mock practical / oral examinations, university examination schedules etc. > HOD allots academic workload in consultation with the faculty and principal. Few faculties are also allocated to other departments to take specific subjects. > Class timetables are prepared and displayed before commencement of semester. Individual faculty timetables, classroom utilization timetables and laboratory utilization timetables are also prepared. > Every faculty prepares the course file, lesson plan before the commencement of the semester. Every time the faculty is supposed to add innovations in the teaching methodology. > Faculty also puts the previous SPPU exam question papers and results of respective subjects to understand the performances of previous students. They also discuss with previous assigned faculty to get an idea about the focus of the subject. > Attendance booklets are provided to all faculties to make a record of attendance of the students during Theory (TH) and Practical (PR) sessions. This booklet also gives information about the assignments given to the students. > Teaching and learning is carried out by all faculties with the help of chalk and board and other teaching aids. All HODs make sure about conduction of every class and practical sessions of the department as per scheduled timetable. > Every fortnight, department academic progress is reviewed by HOD and every month by the Principal. This review consists of attendance of the students, syllabus coverage, practical assignments completed and internal examination performances of the students. > Results of university on-line examinations and mid semester examinations are analyzed and necessary remedial classes are conducted. Extra sessions are normally Internal tests and preliminary examinations are conducted to confirm the percolations of subject matter to the students by the faculty as

per the schedule in the academic calendar. > Internal mock practical / oral examinations are conducted to test the student's practical knowledge before they actually appear for the University practical / oral examinations. > Process of monthly review of student's attendance and reporting the defaulters to respective parents is carried out to maintain the discipline of continuous evaluation. > Learning beyond syllabus is achieved by arranging guest lectures. The industry persons are invited in all the departments to give awareness of new technologies in the field. These interactions also helps to guide the students while selecting their projects in final year and talks about future scope of the respective discipline.

#### 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
Nil	Nil	Nil	0	Nil	Nil

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	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
Nil	Nil	Nil

#### 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
CCTV Installation	17/06/2019	2
Repair Welder	17/06/2019	10
Store Assistant	17/06/2019	1
Plumbing Mason	17/06/2019	10
Data Entry Operator	17/06/2019	3
Mason Concrete	17/06/2019	8
<a href="#">View File</a>		

#### 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	4
ME	Computer Engineering	1

[View File](#)

## 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

There is a mechanism to obtain feedback from stakeholders like students, alumni, industry, etc. At the end of every semester, faculty collects feedback from students. Feedbacks are also taken during placement activities from industry, industry experts visiting to institute for guest lectures, seminars or during industrial visits by faculty. Based on these feedbacks, HODs and subject experts report to the BoS members of SPPU who are involved in curriculum development. In addition to this, to bridge the gap between industry requirements and present curriculum, the institute conducts VAPs every year in all departments, organizes industrial visits, technical fest, competitions.

## 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
BE	Civil Engineering	30	9	5
BE	Computer Engineering	30	23	13
BE	Electrical Engineering	30	4	2
BE	Mechanical Engineering	60	5	3
ME	Computer Engineering	12	12	6
ME	Design Engineering	12	9	4
MBA	Management	60	60	42
DSc	Civil Engineering	30	16	10

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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	33	55	41	9	4

## 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
47	43	Nil	5	2	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

All the students get academic and personal guidance from the concerned TG, CT, and HOD. ? TG assigned to a batch of 15-20 students from the department. The responsibilities of TG are as follows: ? Maintain records of all students in standard format ? Conduct at least one meeting every week ? Update attendance of students under his/her supervision ? Monitor academic performance of the students ? Bring to the notice of respective CT HOD about the excessive absentee, if any. ? Convey the performance and attendance to parents every month ? Improve the performance of slow learners by counseling the students and parents. ? Maintain a record of efforts taken for improvement of students ? Call parents if the attendance of the student is poor ? Try to solve any problem of students apart from academics ? Recommend grant of term to HOD through CT at the end of semester ? Recommend leave of the student to HOD with consultation of the student's parent ? Submit all the records to HOD at the end of semester ? Assign term work marks for the students based on continuous evaluation ? Remedial and revision classes conducted for academically weak students. ? The institute has developed STP for imparting soft skills and placement skills to the students. ? Normally home sick students are in first year who use to express their fillings to TG. Such students are handled separately by HOD with proper counselling. ? We advise to take professional counseling only if the things go beyond our control. ? The institute conducts medical check-up of students to ensure their medical fitness. ? TG, HOD, and Principal are taking care of students who are seeking psychological support on case-to-case basis. In extreme cases, the parents advised to take help of specialized doctors. ? Residential wardens are continuously monitoring behavior of students staying in the hostel and report to the Principal about abnormal cases immediately if any. ? More than 80 students have benefited through our system and all of them are performing well in their engineering career.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
431	50	1:9

## 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
52	50	2	8	2

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



2019	Nil	Nil	Nil
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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
BE	Mechanical	Final Year	22/10/2020	11/11/2020
<a href="#">View File</a>				

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

> To monitor the students' progress, the institute has a continuous internal evaluation system which consists of tutorials, prelim, mock practical, mock on-line, in-semester, and oral examinations. These tools are used to find out the progress of the students and as a feedback to improve academic performance. Process of monthly review of student's attendance and reporting the defaulters to respective parents is carried out to maintain the discipline of continuous evaluation. The overall process of execution of practical sessions provides continuous evaluation of students, which is used while giving the term work marks to the students. As a part of Continuous Evaluation Process, the term work given to every student is based on overall attendance, marks of unit tests conducted in the class, TG evaluation based on extracurricular activities, practical performance, and timely submission of neat journals, assignments, and tutorials. The term work marks are assigned with proper weightages to overall attendance, unit tests conducted in the class, TG evaluation based on extracurricular activities, practical performance, and timely submission of journals, assignments, and tutorials. The criterion is notified to the students well at the beginning of every semester, For TE and BE students in-semester theory examination is of 30 marks based on first three units and end semester theory examination is of 70 marks based on all the units with 50 weightage to last three units. These facts are well clarified by faculty to all TE and BE students at the beginning of the semester. ? Similarly the parameters based on which seminar and project term work are given to the students are also defined and well clarified by faculty to all TE and BE students at the beginning of the semester. ? The process of evaluation, analysis and remedial actions help the departments in understanding the achievements of the stated objectives of every subject of the curriculum.

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

The institute prepares an academic calendar which is in line with the academic calendar given by SPPU. The Institute academic calendar is prepared every semester with the active involvement of the HODs and the system monitoring committee. All the departments of the institution systematically develop action plans for effective implementation of the curriculum considering the institutes academic calendar. We make sure that all the entities of our academic calendar will one or the other way becomes responsible for the fulfillment of our objectives. ? Academic calendar is prepared well before the commencement of every semester of academic year. This calendar consist of plan of conducting in-house tests, STP, VAP, Quantitative Aptitude and Logical Reasoning (QALR) test, mock practical / oral examinations, university examination schedules. Internal tests and preliminary examinations are conducted to confirm the percolations of subject matter to the students by the faculty as per the schedule in the

academic calendar. Programme such as STP, VAP and NSS activities are an integral part of academic calendar. All the departments of the institution systematically develop action plans for effective implementation of the curriculum considering the SPPU academic calendar.

## 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://dattakala.edu.in/igac/2019-20/po\\_co.pdf](https://dattakala.edu.in/igac/2019-20/po_co.pdf)

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
662861210	BE	Mechanical Engineering	40	40	100
662829310	BE	Electrical Engineering	21	21	100
662824510	BE	Computer Engineering	9	9	100
662819110	BE	Civil Engineering	12	11	91.66

[View File](#)

## 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)

[https://dattakala.edu.in/engg/student\\_feedback](https://dattakala.edu.in/engg/student_feedback)

## 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
Nil	0	Nil	0	0

No file uploaded.

### 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
Importance Of Mechatronics and Automation in Industry 4	Mechanical Engineering	05/09/2020
Applications of AI in Industries	Computer Engineering	27/08/2020
Applications of Robotics in Industries	Mechanical Engineering	28/08/2020

How Industrial Automation A.I. impact in Future	Computer Engineering	31/05/2020
How to Bridge the Gap Between Industry and Academia	Computer Engineering	22/06/2020

### 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
Nil	Nil	Nil	Nil	Nil
No file uploaded.				

### 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
Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.					

## 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
Mechanical Engineering	1

### 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	Electrical Engineering	3	6.1
<a href="#">View File</a>			

### 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
Electrical Engineering	7
<a href="#">View File</a>	

### 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
0	0	0	Nil	0	0	0
No file uploaded.						

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

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
0	0	0	Nil	0	0	0
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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	2	5	12	21
Presented papers	2	4	4	0
<a href="#">View File</a>				

### 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
NSS Special Camp 2019-20	DGOI- SPPU Pune	5	25
NSS Harit Vari 2019-20	DGOI- SPPU Pune	3	25
Swachhta Bharat Abhiyan	DGOI	3	50
<a href="#">View File</a>			

#### 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
0	0	0	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 activities	Number of students participated in such activities
NSS	DGOI	Swachhta Bharat Abhiyan	3	50
NSS Harit Vari 2019-20	DGOI- SPPU Pune	Harit Vari	3	25
NSS	Dattakala Group Of Institutions	NSS Special Camp for Social Awareness	5	25
<a href="#">View File</a>				

### 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
Nil	Nil	Nil	0
No file uploaded.			

### 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
Sponsored Project	Automatic Lubrication System	The Malegaon Sahkari Sakhar Kharkhana Ltd. Malegaon Tal Baramati Dist Pune	15/07/2019	31/03/2020	4
Sponsored Project	Real Time Person Tracking	Automaton AI Infosystems Pvt Ltd	15/07/2019	31/03/2020	1
<a href="#">View File</a>					

### 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
MCED	26/09/2020	Seminar	57
<a href="#">View File</a>			

## 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
15	8

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Newly Added
<a href="#">View File</a>	

### 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
AutoLib	Partially	1	2017

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	24670	Nil	3500	Nil	28170	Nil
<a href="#">View File</a>						

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
Nil	Nil	Nil	Nil
No file uploaded.			

#### 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	180	11	2	3	1	2	1	150	0
Added	30	0	0	0	0	0	0	50	0
Total	210	11	2	3	1	2	1	200	0

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

200 MBPS/ GBPS
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##### 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
NPTEL	<a href="http://192.168.1.46/nptl">http://192.168.1.46/nptl</a>

#### 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
25	12	25	15

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 definite process of planning and development of
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infrastructure in various departments as per the need of university syllabus and enhances the state-of-the-art practical setups to cope up with the technological needs of faculty and students. ? The annual requirements of non-recurring and maintenance expenditure are prepared by the department. ? The departmental budget is discussed with the Principal and finalized to put into the institutional budget to be recommended to LMC. ? After discussing with members of LMC the requirement of infrastructural facilities and necessary budget is forwarded to GB for approval. ? Institute can utilize the approved budget using proper procedure (comparative statements and analysis of vendors) and approval of the management. ? Principal can take decision of purchases within the approved budget with prior approval of the management. ? Any additional requirement for emergency expenditure required for enhancement of infrastructure and equipment can be discussed by HOD with the Principal and requested to the management for approval. The institute has necessary infrastructure to facilitate the curricular and co-curricular activities of the students. All the departments are equipped with state-of-the-art infrastructure to transfer the knowledge and skill to the students. Departments are having adequate class rooms, seminar halls, tutorial rooms, laboratories, and sufficient space for hosting all curricular and co-curricular activities. Separate hostels for boys and girls with mess facility, water treatment plant, and cafeteria are available in the campus. This gives an opportunity for the students from outside Pune to stay in academic environment conducive for effective learning and also participate in cocurricular activities. Library along with reading hall facility and internet access through WiFi. gives easy access to ample sources of study material. Facilities like stationary store, photocopy center, laundry, vehicle parking, solar water heater system, food court gives a feeling like a home away from home to the students which enables them to participate in cocurricular activities easily. The campus has single point entry and it is well secured due to 24x7 electronic surveillance CCTV.

<https://dattakala.edu.in/engg/>

## 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	Tuition Fees Waver	60	1800000
Financial Support from Other Sources			
a) National	Nil	0	0
b) International	Nil	0	0

[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 enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga and Meditation	21/06/2019	200	0

[View File](#)

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
2019	Trains and Opportunities in Public Services	24	30	8	2
<a href="#">View File</a>					

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		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Badave Engineering Pvt Ltd	30	6	10	42	25
<a href="#">View File</a>					

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
2019	1	BE	Electrical Engineering	G.H Raison College Wagholi Pune.	ME (Electrical)
2019	2	BE	Civil Engineering	VPKBIOTR, Baramati	ME Structure
2019	2	BE	Mechanical Engineering	DGOI FOM, Bhigwan	MBA
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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	3
<a href="#">View File</a>	

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



Activity	Level	Number of Participants
Dattakala Karandak and Avishkar	Local	115
<a href="#">View File</a>		

### 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
2019	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

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

The institute has established Student Council, which organizes various events, where students from all the departments can participate. Students are motivated to participate in various technical programs and competitions inside and outside the institute like SUPRA, BAJA, GO-KART, ROBOCON etc. ? The Principal, in the Student Council Meeting (SCM), appreciates students who have published papers in Conferences/Journals with certificate of excellence. This helps in creating awareness about the research activities in the student community as well as motivating other students. Activities of NSS are well structured. Faculty co-ordinator and student co-ordinators take initiative to schedule and carry out the activities. Once they get inspired, the detailed plan of execution is prepared and activities are conducted with full energy and zeal. During the process, students not only gets platform to highlight their leadership qualities but also get awareness about their social responsibilities. ? All activities are carried out under the guidance of the faculty co-ordinator who takes necessary permissions and financial support from the institute. The detailed report of such activities along with photographs is prepared and submitted to the Principal. The social work of dedicated students is appreciated in the student council meets and they are honoured with appreciation certificates. ? The social work exhibited by the student is also acknowledged in terms of weightage given to them in their continuously evaluated TW marks. The special certificate given. The students representatives serve in almost all academic and administrative bodies of the Institute such as departmental board of studies, departmental associations and various clubs, student's council, Anti Ragging Cell, etc. The various institutional and departmental associations/bodies formed at DGOI are as follows: ? EESA: Electrical Engineering Students Association ? MESA : Mechanical Engineering Students Association ? CESA: Computer Engineering Students Association ? ACE: Association of Civil Engineering ? Cultural committee, Sports Committee and Campus Film Society ? NSS Committee as per SPPU ? BAJA, GOCART team and Robo club ? Magazine Committee and The News Letter Committee (TCT) ? Anti-ragging Committee and Anti-ragging squad to the student acts as a value addition for the student during their placement.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The registered alumni association of college is functioning actively. Institute organizes alumni meet and their interaction throughout the year by inviting

them in their respective departments to guide the current students. Activities major contributions of alumni are: ? Placement activities, ? Invited as resource persons on areas of their expertise, ? Participation in organizing events ? Sponsorships for conferences / student competitions ? Invited as judge for national contests/conferences organized at the Institute. ? Industrial training visits to their industries.

5.4.2 – No. of enrolled Alumni:

300

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

01

## 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)

Yes, the institute promotes culture of participative management. ? Principal is the member of both GB LMC and act as a representative of institute while deciding management policies. One teaching faculty member and one supporting staff are members of LMC. They are actively participating in discussions of management. ? Principal has an authority and power while implementing the decisions in various departments. All the HODs along with the Principal takes unanimous decisions while executing the academic and administrative work based on vision and objectives lay down by the management. ? Individual department also conducts meeting every week to percolate the decisions made by HODs along with Principal. Constructive suggestions and faculty feedback are consistently discussed during the conversations to develop culture of participative management. ? In most of the committees the involvement of faculty and their participation makes the academic and administrative system transparent. While executing extra-curricular activities the innovative ideas of the students are promoted to decide plan and strategies. ? The suggestions given by the management and Principal are communicated to faculty and staff on regular basis in order to implement various strategies for the benefit of students and faculty. ? Formal and informal feedbacks of students are also useful to modify systems to give positive outcomes. ? Therefore, the institute executes participative management where students, staff, HODs, Principal, LMC and GB experiences the culture of transparency at their respective levels.

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

Yes

### 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	Faculty members regularly attend workshops and seminars on revision of curriculum. Institute deputed the faculty for attending curriculum development workshops organized by the University. there is a mechanism to

obtain feedback from stakeholders like students, alumni, industry, etc. on curriculum development.

#### Teaching and Learning

Academic calendar is prepared well before the commencement of every semester of academic year by each department. This calendar consist of plan of conducting in-house tests, STP, VAP, Quantitative Aptitude and Logical Reasoning (QALR) test, mock practical / oral examinations, university examination schedules etc. ? HOD allots academic workload in consultation with the faculty and principal. Few faculties are also allocated to other departments to take specific subjects. ? Class timetables are prepared and displayed before commencement of semester. Individual faculty timetables, classroom utilization timetables and laboratory utilization timetables are also prepared. Every faculty prepares the course file, lesson plan and get it approved from HOD before the commencement of the semester. Every time the faculty is supposed to add innovations in the teaching methodology. ? Faculty also puts the previous SPPU exam question papers and results of respective subjects to understand the performances of previous students. They also discuss with previous assigned faculty to get an idea about the focus of the subject.

#### Examination and Evaluation

The department analyses the results of online examination and in-semester examination of all the subjects immediately after the conduction of respective examination. This analysis gives an idea of performance of the students in terms of stated PEOs. The analysis also helps in understanding the weaker students within the class for specific subject for which the remedial classes are to be conducted. ? Every practical assignment performed by the student is evaluated after the completion of experiment. The students are supposed to submit assignment of every experiment in terms of journal. At the end of semester, internal mock practical/oral examination is conducted to understand the preparation of the students for university practical/oral examination. The remedial practical sessions are conducted for proper understanding of experiments by the

students. The overall process of execution of practical sessions provides continuous evaluation of students, which is used while giving the term work marks to the students. The process of evaluation, analysis and remedial actions help the departments in understanding the achievements of the stated objectives of every subject of the curriculum.

#### Research and Development

The Research and Development (RD) cell of the institute is taking initiatives to develop research environment in every department. While doing so, faculty and students are encouraged to publish their research work in reputed journals and conferences. Students are also actively involved in innovative projects and participating in various competitions.

#### Library, ICT and Physical Infrastructure / Instrumentation

The faculty members are provided with internet facility and digital library to prepare their course materials. The institute library is also well equipped with text and reference books and other reference materials such as ejournals, magazines to ensure the availability of subject matter while preparing the course assigned to the faculty. The institute has definite process of planning and development of infrastructure in various departments as per the need of university syllabus and enhances the state-of-the-art practical setups to cope up with the technological needs of faculty and students

#### Industry Interaction / Collaboration

: I-I-I cell of the institute is making students industry ready through:  
 ? Expert lectures, industrial visits/site visits of specific domain, MoUs etc., ? Industry implant training with hands-on, ? Interaction of faculty and industry expert. Emphasizing the students to visit various industries and research organizations to inculcate research culture amongst them. ? Signing MoU with Aalborg University, Denmark to facilitate the faculty to carry out their research work.

#### Admission of Students

The institute follows admission process as per the guidelines given by the Directorate of Technical Education (DTE), Government of Maharashtra (GoM) through Centralized Admission Process (CAP). Admitted students are coming

from diversified background of the state as per the reservation policy of GoM. The institute has a strategy to support the students to get financial assistance from GoM, various Non-Government Organizations (NGOs) and facilitate them by providing required documents and proper follow up

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

E-governance area	Details
Finance and Accounts	Accounts department is facilitated by ASPIRE MIS tool which helps it to maintain the record of fees paid by the students. Salaries of the faculties, and all other expenditures of the institute.
Student Admission and Support	The institute facilitates students to get scholarships from Social Welfare Department (SWD) of GoM and various NGOs. Financial support is available to economical weaker students through 'Earn and Learn' scheme of SPPU. The institute has accidental insurance policy for all the students. Students are availing support services and facilities of the institute while completing their academics as well as preparing themselves for civil services, competitive examinations and higher studies. Extra-curricular and co-curricular activities promoted by the institute are acting as a catalyst for the holistic development of the students and their personality.
Examination	online examinations help to get information about students at the risk of dropout and slow learners. The institute conducts online examinations during every semester. The marks of term work, practical/oral examination and insemester are submitted online to the university. To conduct online examination, the institute has well equipped infrastructure. The examination conduction is effectively monitored as per the guidelines given by university.

### 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
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2019	Nil	Nil	Nil	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	Excellence Through Management	MIS Information	26/05/2020	26/05/2020	31	12
<a href="#">View File</a>						

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
Research Methodology -Data Collection Methods Research Tools and Techniques	1	09/06/2020	15/06/2020	7
Skill Development Program	1	05/09/2020	07/09/2020	3
Python 3.4.3	1	11/05/2020	15/05/2020	5
FDP on LATEX	1	14/05/2020	17/05/2020	4
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
24	50	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Nil	Nil	Nil

## 6.4 – Financial Management and Resource Mobilization

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

The institute has mechanisms for internal and external audit. Internal audit is carried out periodically. External audit is carried out once in a year. External Auditor verifies all receipts expenses bills, payments of the

Financial Year (FY). s. The financial plan of the institute reflects in the annual budget based on requirements of nonrecurring and recurring expenditure. Every department prepares their budget depending upon their requirements. The institute has mechanisms for internal and external audit to ensure the budget utilization and proper documentation with respect to books of account.

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
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

## 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	Nil	Yes	IQAC
Administrative	No	Nil	Yes	IQAC

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

1) Parent -Teacher Meet 2) Help in finding resource person 3) Help in organizing Industrial visit

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

1) Information regarding MIS system 2) Knowledge to use ICT tools 3) Information regarding Examination work

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

1) Made available Online Platform through Google Meet 2) Attendance and TG record through Google Drive 3) Online admission link for students 4) Online Examination Platform through DKSS app

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
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
2019	Webinar on Education Four ie Future Of The Education	29/05/2020	29/05/2020	29/05/2020	95



2020	Webinar on Research tools for PhD Aspirants	29/05/2020	29/05/2020	29/05/2020	161
2020	Webinar on Effective ways for Technical Paper writing	23/08/2020	23/08/2020	23/08/2020	62
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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
NSS Special Program	06/01/2019	12/01/2020	10	15

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
The institute is committed to adopt environment-friendly policies with regard to plantation, waste management, use of renewable energy sources and water harvesting. Various activities like students' awareness programs for energy, water conservation systems, and wastewater recycling mechanisms are carried out to maintain the campus eco-friendly. Solar Panels are installed on the roof of Boys and Girls Hostel.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	3

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
2019	Nill	Nill	Nill	Nill	Nill	Nill	Nill
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)
NIL	Nill	Nil



### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NSS Camp	06/01/2020	12/01/2020	25
Harit Vari	23/08/2019	23/08/2019	25
Swacchta Abhiyan	02/10/2019	04/10/2019	50
<a href="#">View File</a>			

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

The institute is committed to adopt environment-friendly policies with regard to plantation, waste management, use of renewable energy sources and water harvesting. Various activities like students' awareness programs for energy, water conservation systems, and wastewater recycling mechanisms are carried out to maintain the campus eco-friendly. Every year the institute organizes and celebrates environmental awareness campaigns of World water day, Ozone day, Earth hour day and Shri Ganesh idol donation camps. The different types of ewaste generated in the institute are collected and dispensed to an external e-waste recycling agency.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1) For the excellence of academics and administration, the institute has implemented various innovative practices such as a uniform file system for documentation across all the departments, TG scheme for counseling of students, acknowledgment of efforts taken by the faculty for academic excellence. 2) Free Wi-Fi made available to Swami-Chincholi Village residents to promote digital awareness.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://dattakala.edu.in/foe/>

## 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

Our Vision is To provide pre-eminent educational experiences that are stimulating, responsive to the needs of the present century and prepare the students for leadership in their profession and society, and also to address critical needs of industry and foster economic development The successful engineering students in future will need strong analytical skills, practical ingenuity, creativity, good communication skills, business and management knowledge, leadership, high ethical standards, professionalism, dynamism, agility, resilience, flexibility, and the pursuit of lifelong learning. pre-eminent educational experiences that are stimulating, responsive to the needs of the present century and prepare the students for leadership in their profession and society, encompasses not only learning academic knowledge and skills, such as problem-solving and analysis, but also other aspects of students as people who are growing and maturing emotionally and morally. Therefore, the management of the DGOI has decided to have substantial efforts in engineering education to create not only good engineers but good human beings, also. While doing so, we as a resopsible stakeholders of the institute are trying to imbibe unique value system, transparent work culture, excellent academic and physical environment conducive to learn, create and transfer technical knowledge on one hand and inculcate ethical standards and

professionalism by means of soft skill inputs on the other hand.

Provide the weblink of the institution

<https://dattakala.edu.in/foe/>

#### **8.Future Plans of Actions for Next Academic Year**

1) To further Strengthen the ICT 2. To create an Incubation Centre for Social sciences projects 3. To have more industry academic interface so that there is more corporate participation in academics. 4. To implant Lecture captivating system in the institution. 5. Conducting programmes to encourage and support students to start their own business ventures. 6. The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating students community to write research papers. 7. Initiatives for an ecofriendly learning space 8. Conducting student focused academic and skills development activities