Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**NASHIK DISTRICT MARATHA VIDYA PRASARAK SAMAJS KARMAVEER ADV. BABURAO GANPATRAO THAKARE COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr.N.S.Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02532582891**
Mobile no.	**9922420189**
Registered Email	**principal@kbtcoe.org**
Alternate Email	**patil.nanasaheb@kbtcoe.org**
Address	**Udoji Maratha Boarding Campus,Near Pumping Station Road, Gangapur road**
City/Town	**Nashik**
State/UT	**Maharashtra**

Pincode	**422013**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Mr.D.D.Kulkarni**
Phone no/Alternate Phone no.	**02532571439**
Mobile no.	**9545590553**
Registered Email	**iqac@kbtcoe.org**
Alternate Email	**kulkarni.darshan@kbtcoe.org**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://kbtcoe.org/internal-quality-assurance-cell-iqac/

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://kbtcoe.org/academic-calendar-se_te_be/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.02**	**2017**	**12-Sep-2017**	**11-Sep-2022**

6. Date of Establishment of IQAC	**16-Jan-2017**

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

KBTECHFEST-2019	26-Mar-2019 1	500

8. Provide the list of Special Status conferred 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
Dr.S.B.Sonawane	SERB	DST	2016 36	1902850
KBTCOE	BCUD	SPPU	2016 36	840000
KBTCOE	PRERANA	AICTE	2018 24	950000
KBTCOE	Unnat Bharat Abhiyan	AICTE	2018 24	50000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4
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)

• Academic and administrative audit: Academic and administrative audit has been conducted both internally as well as externally. Internal audit was conducted by senior faculty members while external audit was conducted by faculties from other colleges. • Feedback analysis from various stake holders: Feedback from various stake holders is collected and analysed and the inputs are used for betterment of the institute. • Motivation to faculty for doing research work Faculties are deputed for pursuing Ph.D. in renowned NIT's • Organising annual social gathering prize distribution ceremony: Annual social gathering and prize distribution ceremony FUSION 2019 was organised • Technical Events for the students at national level: All Departments have functioning student associations which organises technical fest every year.

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

Plan of Action	Achivements/Outcomes
To enhance E learning facilities	The staff members used E learning facilities like NPTEL video,smart classroom,Plickers software also Use of Science Direct, IEEE and ASME Journals in teaching
Deputing teaching faculty for higher education and impart training to the faculty in relevant technical expertise for strengthening their teaching skills'	Deputed Three teaching faculty for higher education (PhD) at SVNIT,Surat
Inculcate research culture, encourage faculty for applying research proposal to BCUD, DST, AICTE, etc.	Getting one research proposal from AICTE
To organise international conferences, workshops, STTP's on various themes, and depute faculty to attend various conferences, workshops, STTP's.	More than 100 staff member attending various conferences, workshops, STTP's.
Developing quality Manual / handbook for institute for staff and students	Handbook for Quality Assurance was developed as well as each laboratory developing quality manual
To implement project based learning (PBL)	80 percentage project by final year students are industry sponsored and 20 percentage inhouse projects mini projects ware done by SE TE students.Some Students have done Interdisciplinary projects as well. Some BE students are doing one Project Per Semester.
Sign MoU's with industries in the respective areas for sponsored projects, inplant training, expert talk, industry visits, laboratory development, technology transfer,consultancy, curriculum design and development, etc.	MOU's are signed with various industries:16. Number of industrial visit :41 Number of expert lecture organised: 59
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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	**2019**
Date of Submission	**15-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**ERP Web and SMS based ERP software SackInfo 2.5 is continuously in use at various modules of institute such as System administration, admission, establishment, student section, Library, academic monitoring etc. For Teachers • Improve the QoS (Quality of service) • Efficient and effective interaction with students, Online student attendance etc • Timetable/Teaching Plan creation in advance • Upload and download notes / case studies for students • Better organisation of College activities For Student • Enhanced interaction with teachers. • Access to attendance, timetable, marks, grades and Fees • Online practice examinations • Online admission process facilitates Hazel free admission process. • OPAC Search gives freedom to browse through library books catalogue and identify the book to be issued. • Prior information about placement activities , College events and holidays. • Availability of Enotes and Ebooks. • Smooth the college office related work like Scholarship,LC(living certificate) ,TC (transcript certificate) other certificates and documentation work. • Facilitates Better platform to get it touch with alumni. For Management • Improving the efficiency of administration and managing student data is effortless and easily. Effective communication between Management , teachers, and students. Best possible resource optimisation is possible. Aided helps to DSS (Decision Support System) and MIS (Management information 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

NDMVPS's KBTCOE is an Institute affiliated to Savitribai Phule Pune University (SPPU). Institute's senior faculty members contribute their efforts in designing and developing curriculum at University level. Curriculum is designed and developed in consultation with industry experts, professional bodies to bridge the gap between academia and industry. The Institute received fund under BCUD/QIP schemes for various programmes for improving teaching practices and translating curriculum. The Institute provides ICT facility, smart classroom, well-equipped laboratories, e-learning resources, Internet connectivity with 155 Mbps, NMEICT center, Design Innovation center (DIC), MVP-ARMSTRONG Robotics center. The Institute has adopted and developed Outcome Base Education (OBE) framework for effective curriculum delivery and transaction on the curriculum provided by the University. The Institute has developed and mapped components like Program Educational Objectives (PEO), Program Outcomes (PO), Course objectives and Course Outcome (CO). Institute has done the mapping of each course outcome with the Program Outcomes to evaluate and achieve the teaching learning outcome. The Institute interacts with industries to identify the regional and global employment need, as well as conduct skill oriented programmes for students to make them industry ready. The Institute has started innovative programme MVP SAP which focuses on improving employability skill among students. The Institute also provides value added programmes to make students employable and to increase life skill in students. Apart from curriculum skill, oriented programmes are conducted and students are given academic flexibility to achieve their goals and objectives. The Institute has developed ERP system to monitor and facilitate the academic curriculum as well as overall functioning of the Institute. At the Institute level feedback are taken periodically from stakeholders and their statistical analysis is carried out by Academic Monitoring Committee (AMC) to achieve curriculum enrichment

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Basic Programming Using Python Organized by IIT Mumbai	NA	12/07/2018	3	Employabilit y	Python
Recent Trend in VLSI Design Using Micro wind	NA	16/08/2018	2	Employabilit y	VLSI
Internet of Things Using Arduino And Raspberry Pi	NA	29/08/2018	3	Employabilit y	Arduino Programming
Work Shop on Arduino Sensor Interfacing	NA	08/09/2018	2	Employabilit y	Arduino Programming
Basic Programming Using Python	NA	19/07/2018	3	Employabilit y	Python

Organized by IIT Mumbai					
Basic Programming Using Python Organized by IIT Mumbai	NA	06/09/2018	3	Employabilit y	Python
Workshop on "Android"	NA	04/10/2018	3	Employabilit y	Android
MVPARMSTRONG Robotics Lab at Department of Instrumen tation Control	NA	12/04/2019	28	Employabilit y	Robotics Automation and Instrume ntation

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MBA	Management Fundamental	16/07/2018
MBA	Business Communication Lab	16/07/2018
MBA	Enterprise Analysis and Desk Research	16/07/2018
MBA	MS Excel & Advanced Excel Lab	16/07/2018
MBA	Integrate Marketing Communication	16/07/2018
MBA	Product Management	16/07/2018
MBA	Strategic Brand Management	16/07/2018
MBA	Personal Selling Lab	16/07/2018
MBA	Corporate Finance	16/07/2018
MBA	Banking & Operation-I	16/07/2018
MBA	Future and Option	16/07/2018
MBA	Financial Instruments and Derivatives	16/07/2018
MBA	Lab in Recruitment and Selection	16/07/2018
MBA	Lab in Training	16/07/2018

MBA	Employee healthy and safety management	16/07/2018
MBA	Human resource information system	16/07/2018
MBA	Life Skill Lab	01/01/2019
MBA	MS Project Lab	01/01/2019
MBA	Computer Aided Personal Productivity Tool Lab	01/01/2019
MBA	Industry Analysis - Desk Research	01/01/2019
MBA	Retail Marketing	01/01/2019
MBA	Rural Marketing	01/01/2019
MBA	Marketing Strategy	01/01/2019
MBA	Marketing and Analysis	01/01/2019
MBA	Online Trading of Financial Assets	01/01/2019
MBA	Banking & Operation-II	01/01/2019
MBA	Fixed Income Securities and Technical Analysis	01/01/2019
MBA	Change Management	01/01/2019
MBA	Employee Reward Management	01/01/2019
MBA	Lab in Industrial Relation	01/01/2019
MBA	Competency Mapping	01/01/2019

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

	Certificate	Diploma Course
Number of Students	296	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
No Data Entered/Not Applicable !!!		
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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	Digital topography by using DGPS instrument	4
BE	Aquatic Environment Impact of Godawari Pollution on Ground Water : A Case Study of Nashik	4
BE	Durability and Microstructural	4

	properties of ultra-high performance concrete	
BE	Project Planning, scheduling and tracking of construction project	4
MBA	MBA- SIP	58
BE	Non contact type linear displacement measurement for LWG pusher (Graphite India Ltd)	3
BE	Effect on cement by PET resin and Mineral Addition	4
BE	Sustainable mortar utilizing post consumed PET waste and copper slag	4
BE	Earthquake analysis of building with tunned mass damper	1
BE	Digitization of urban land use of Nashik	5
BE	Evaluation of water quality in real time	4
BE	Effect of nano-clay on the properties of mortar	4
BE	Replacement of cement with limestone	4
BE	Utilization of NHL in concrete as a replacement of cement	4
BE	Utilization Potential of ferrochrome waste as cement substitute	3
BE	Mechanical properties of concrete at elevated temperature.	4
BE	Assessment of properties of concrete incorporating industrial waste as replacement of fine aggregate at elevated temperatures	3
BE	Road safety audit - A CASE STUDY NH-60 (Nashik - Pune Highway)	4
BE	Sustainable sewage treatment and recycling by using Anaerobic Baffled Reactor	3
BE	Study on behavioral of	4

	road pavement by using geocells.	
BE	Automatic vehicle washing centre.	3
BE	Automation project in CEAT	3
BE	Automatic evaporation measurement and online data transfer	3
BE	Using Counter Automation project	3
BE	Industrial Internships Training	146
BE	Flexural Strength of RCC Beam using pond ash as a sand replacement	4
No file uploaded.		

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

• Institute takes feedback from all stakeholders like students, teacher, alumni, parents, industry and consider their valuable suggestions in enriching the curriculum. • After collecting feedback from all stakeholders, the data is processed and analysis report is submitted to the Principal. Then Principal takes necessary action on it. • Parent's meets are conducted and suggestions of parents are considered for corrective measures. • Academic Monitoring Committee (AMC) is chaired by Principal of the Institute. All Dean and HOD of all departments is member of this committee. • AMC used to monitor all the Academics, student Feedback and overall teaching learning process to achieve maximum academic performance of the students. • Guidance of experts/ guests in term of teaching to improve student performance. • The analysis and suggestions by AMC will benefit the institutional progress in quality education and research. • It also makes sure about keeping the transparency in faculty, staff and management with respect to objectives towards attainment of mission and vision of the Institute. • AMC create a mechanism to integrate various academic activities, enrichment programmes to enhance supportive administrative tasks and to communicate and achieve quick actions and get impact on quality objectives of the Institute.

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
No Data Entered/Not Applicable !!!				
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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
2018	1697	192	97	14	5

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
116	116	27	25	2	5

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

Mentoring:The most frequently quoted definitions of a mentor revolve around 'a trusted colleague', 'a person to look up to' or 'a critical friend'. At NDMVPs KBT COE we define mentoring as an informal and supportive relationship whereby a Faculty member of the NDMVPs KBT COE undertakes to help a Student Member learn the knowledge, skills and attitude necessary for the Student to be admitted to the Engineering Profession and to get the best out the training programme which the Student has elected to undergo. What are the Benefits of the Mentoring Process? For Mentee: • Improves self confidence • Offers professional and Academic development • Provides advice and bridges gap between information and knowledge• Encourages reflection on practice • Provides personal support For Mentors: •Refreshes own view of the profession • Encourages self reflection • Develops professional relationships • Enhances peer recognition for the Institute: • Enables meet its Objective of All round development of its Students. • Enhances Students' performance • Encourages commitment to the Institute The Objectives of Mentoring: The Objective of the Mentoring process is to provide the Mentee to associate with an experienced professional from his chosen profession who will guide him in his learning process so as to make the best of use facilities and resources available to the Mentee in the Institution. The Mentor's Responsibilities As a mentor, your role is to add value to the Mentee during the period of practical experience by sharing and imparting your knowledge, wisdom and experience, and reporting on the Mentee's attainment of practical experience in accordance with the Institute's requirements. Act as a guide, coach and role model for the trainee: You will be responsible for acting as a role model for the trainee, exhibiting a high level of professionalism at all times. You will also be expected to guide and coach the Mentee through any difficult or challenging situations s/he may face. In general terms, a mentor should be able to: • Listen actively to another's views • Ask open questions • Make suggestions but avoid being prescriptive • Summarise the main points of a discussion • Give constructive, positive and precise feedback Interact periodically with the Mentee to review experience gained and set objectives for the next period: One of your primary roles as a mentor is to review and verify the experience the Mentee gains, in line with the Institute requirements. You should interact with the Mentee at least Once in a Month (Department may decide the Frequency of Meeting if they think more meetings require between Mentor and Mentee) to review the experience gained. At these interactions you should set objectives for the next period to ensure that the trainee's experience is in line with the Institute's practical experience requirements for his all round development. The Mentor – Mentee Relationship: A relationship must develop for effective mentoring to take place. •Spend time getting to know your Mentee • Let your Mentee know that teachers also make mistakes • Constructively criticize.

Number of students enrolled in the	Number of fulltime teachers	Mentor : Mentee Ratio

institution		
1889	116	1:16

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
110	116	0	0	19

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
2018	Dr. V. M.Birari	Associate Professor	Engineering Achievement Award awarded by the Institution of Engineers (IEI) Nashik Local Centre for the year 2018
2018	Dr. V. M.Birari	Associate Professor	Best Teacher in Professional Courses by Sarvajan ikVachanalaya Nashik Shikshak Gaurav Samiti
2018	Dr. Abhijit Ravaindra Kulkarni	Associate Professor	BOS Member Instrumentation and Control Engineering
2018	Mr.Satish Manohar Waysal	Assistant Professor	Best Paper Award (COAST – 2019 NIT Silcher)
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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	66	1	11/12/2018	01/02/2019
BE	66	2	27/05/2019	18/07/2019
BE	32	1	12/12/2018	24/01/2019
BE	32	2	28/05/2019	22/07/2019
BE	12	1	13/12/2018	12/02/2019
BE	12	2	29/05/2019	21/07/2019
BE	5	1	29/12/2018	12/02/2019

| BE | 5 | 2 | 28/05/2019 | 21/07/2019 |

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

Continuous Internal Evaluation (CIE) System at the Institutional Level integral part of teaching and learning process. SPPU, Pune conducts various examinations to evaluate the students. There are the evaluation examinations of the affiliating university such as Online MCQ Tests (Phase 1 2) for First and Second year, In semester Exam for Third and Final year, Pr/Or exams and End Semester exam for all. The main written examination is conducted at the end of the semester. The institute has to ensure that the students are ready for these examinations. Also, to promote students learning and involvement in extracurricular activities term work norms are prepared well in advance. Continuous Assessment : The institute believes firmly in continuous evaluation of the students for their sustained performance. Hence a structured evaluation process has been designed and implemented. The tests are prepared and conducted as per the University examination pattern. Parents Meetings: The institution is keen on monitoring the performance of the students and reports to the Parents. Progress Reports are sent by the class coordinator to the parents after each of the test. Parents/ Guardians are advised to note the performance of their wards and take remedial measure if needed. Whenever necessary, the class coordinator shall recommends the visit of the parent to the college for a discussion about the Remedial Classes are conducted for the slow learners

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

• Curriculum and Academic calendar are designed and published as per the Savitribai Phule Pune University (SPPU) instructions. • At the beginning of each academic year, the University gives guidelines about the curriculum dates • Commencement of the semester • End of the semester • In Semester, End Semester Examinations • Online Examinations • Oral, Practical, Project Examinations • Vacation for faculty • Relieve faculty for CAP (Central Assessment Programme) • Accordingly, Dean Academic of the institute prepares Academic calendar, Activity calendar in consultation with the Principal. It is communicated to the Dean, HOD and faculty of the departments. • Head of the department (HOD) distributes the subject by considering the subject choice form filled by the faculty members in order to have smooth conduction of curriculum, HOD allocates the working hours according to the competency of faculty. The activity is carried out immediately after the end of the current semester so faculty members get sufficient time for the preparation of the next semester subject. • Time Table coordinator of each department prepares department Academic calendar, Activity calendar in consultation with Head of the Department. After subject distribution, Theory and Practical teaching plan entered in ERP by respective course faculty considering the academic calendar schedule. • Faculty attends Short Term Training Programme, Faculty development programme, workshop, seminars conducted by the University.

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)

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http://kbtcoe.org/co-po-pso-department-wise/

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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the	Number of students passed in final year	Pass Percentage

			final year examination	examination	
UG	BE	MECHANICAL ENGINEERING	157	138	87.89
UG	BE	INFORMATION TECHNOLOGY	71	71	100
UG	BE	COMPUTER ENGINEERING	72	70	97.22
UG	BE	INSTRUMENTATION AND CONTROL ENGINEERING	48	38	88.37
UG	BE	ETC	65	63	96.92
UG	BE	CIVIL ENGINEERING	71	65	91.55
PG	MBA	MBA-II	59	55	93.22
PG	ME	Design Engineering	16	16	100
PG	ME	Construction Management	23	21	91.31
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2.7 – Student Satisfaction Survey

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

http://kbtcoe.org/internal-quality-assurance-cell-iqac/

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
Major Projects	36	SERB, DST	1902850	400000
Minor Projects	24	BCUD, SPPU	840000	285544
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
IPR	Instrumentation and control	10/01/2019

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
Maverick2019 a state level Event Catechize (Quiz)	Piyush Patil	K. K. Wagh COE, Nashik	09/02/2019	2nd Prize

Quiz competition in FUSION 2K19	Piyush Patil	KBT COE NASHIK	16/03/2019	1st Prize
Quiz competition) in Fusion 2K19	Parag Bhurade	KBT COE NASHIK	16/03/2019	1st Prize
8th National level paper presentation Technical EventGame competition	1.Ankita Satpute 2.Karuna Kale 3.Gauri Bhavar	SITRC, Nashik	11/01/2019	2nd Prize
8th National level paper presentation Technical EventGame competition	Kamini Pisolakar	SITRC, Nashik	11/01/2019	2nd Prize
ROBO RACE	Neha Tile	V N NAIK COE, NASHIK.	11/02/2019	1st Prize
Real time computer based electronic component detection and recognition	1.BhagatAkshay B, 2.Bari Kanchan J, 3.Lo hakareDevyani, 4.Ansari Abdullah Majid Husain	Computer Society of India (CSI)	16/03/2019	Special Announcement
An Industrial Purpose Smart Mirror For Mood Detection	1.Sayali S Bhosale, 2.Mayuri S Daware, 3.Pratiksha S. Deshmukh	Computer Society of India (CSI)	16/03/2019	Special Announcement
Real time computer based electronic component detection and recognition	1.BhagatAkshay B, 2.Bari Kanchan J, 3.Lo hakareDevyani, 4.Ansari Abdullah Majid Husain	KKWIEER (Technical event Equinox)	23/03/2019	2nd Prize
Automated agent for SIEM compliance in system health check monitoring using NAGIOS	1.Dehnuwala Husain Yusuf, 2. Sethi Nishika Manoj, 3.BagulPrajwalG ovind, 4.Yadav Yash Rajendra	KBT TECH FEST (MVP Kshitij 2019)	26/03/2019	1st Prize
Vehicle Tracking and Locking System	1.Trupti Rajendra Chaudhari, 2.Girish Ishwar Pawar, 3.Pratik shaRajendraJadh av 4. Kajal	KBT TECH FEST (MVP Kshitij 2019)	26/03/2019	2nd Prize

Detection of leaf diseases and classification using image processing	1.Prasad Kadam, 2.Ankita K. Jadhav, 3.Ankita R. Jadhav, 4.Ashish Karad	KBT TECH FEST (MVP Kshitij 2019)	26/03/2019	3rd Prize
CSI Project Competition	1. Prajakta Pathade Group 2. Harikesh Prajapati Group	CSI, Nashik	16/03/2019	Project Competition

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Innovation Council	Nashik District Maratha Vidya Prasarak Samaj's Karmaveer Baburao Ganapatrao Thakare College of Engineering Institution Innovation Council	Ministry of HRD, govt. of India	Institution Innovation Council	on nonfunded basis	21/11/2018

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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)
National	Civil	2	5.36
International	IT	4	1.4
International	MBA	2	4.49

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

E TC	17
Civil Engineering	12
Mechanical Engineering	4
IT	2
Instrumentation and Control	1
MBA	21

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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
Comparative Analysis of Stock Market Prediction System using SVM and ANN	Prof. S. A. Talekar	International Journal of Computer Applications	2018	0	International Journal of Computer Applications (0975 – 8887)	0
Graph Based Filtering and Matching for Symbol Recognition	Prof. Dr. V. S. Pawar	International Journal of Signal and Information Processing	2018	1	Scientific Research	38
Integrating multiple methods to enhance medical data classification	Prof. B. S. Tarle	Evolving System	2019	1	Springer Berlin Heidelberg	33
An Efficient Object Search in Video Using Template Matching	Mr.N.S. Ujgare	International Journal of Image, Graphics and Signal Processing (IJIGSP)	2019	0.722	SPPU	0

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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

An Efficient Object Search in Video Using Template Matching	Mr.N.S.Ujagare	International Journal of Image, Graphics and Signal Processing	2019	2	10	SPPU
Image inpainting techniques applicable to Depth Image Based Rendering: A review	Mrs.Bhawana Atul Ahire	IEEE	2018	2	6	SPPU
Automation in Two Wheeler by using Sensor: A review	Mrs.Bhawana Atul Ahire , Ms. Sujata J. Suryawanshi	International Journal of Economics and Commerce	2019	2	6	SPPU
IoT('Connected Life) and its Use in different applications: A Survey	Ms.Ashwini Khairnar, Mr. Dhiraj Birari	MVP Journal of Engineering Science	2018	0	0	SPPU
Graph Based Filtering and Matching for Symbol Recognition	Prof. Dr. V. S. Pawar	International Journal of Signal and Information Processing	2018	4	38	Scientific Research
Integrating multiple methods to enhance medical data class ification	Prof. B. S. Tarle	Evolving System	2019	3	33	Springer Berlin Heidelberg
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	52	85	69
Presented papers	28	13	0	0

Resource persons	2	0	3	17

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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
"Road Safety Abhiyan	RTO Maharashtra Shri. SandipNimse (Inspector. RTO)	6	240
Blood Donation Camp	MVP Dr.VasantraoPawar Medical College Nasik	6	82
Session on Cyber security	Nasik Cyber Police. Mr.DeepakDesale and BhushanDeshmukh	6	120
Session on Dementia	TCS in collaboration with Civil Hospital	6	60
AIDS Awareness among Youth	Mahindra Mahindra Ltd and Yash Foundation	6	134
Seminar on Organ Donation	Chhaya Kidney Foundation AshokaMedocore Hospital	6	70
Blood Donation Camp	MVP Dr.VasantraoPawar Medical College Nasik	6	41

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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
No Data Entered/Not Applicable !!!			

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Organ Donation	Dr. Nagesh Aghor (Kidney Transplant Expert)	Seminar on Organ Donation to Make the Awareness Into	1	10

		The Students Regarding The Organ Donation		
Aids Awareness	NDMVPS'S KBTCOE	HIV Aids Janitorial Program Aids Awareness	1	10
Swachh Bharat	PAES – ETC Dept. [NDMVPS'S KBTCOE]	Swachh Bharat Swashata Abhiyan On the Occasion of Gandhi Jayanti, Engineering Students	10	60
NDMVPS'S KBTCOE, NASHIK	PAES – ETC Dept. [NDMVPS'S KBTCOE]	Vivekananda Rajmata Jijau Saheb Jayanti	4	60
Visit to the Nirmala old age home	PAES – ETC Dept. [NDMVPS'S KBTCOE]	Visit to The Nirmala Old Age Home.	1	20
Visit To Adhartirtha Ashram.	PAES – ETC Dept [NDMVPS'S KBTCOE]	PAES along with staff visited Adhartirtha Ashram.	4	30
Participation in Sankalp Ganapti Idol Collection	NDMVPS'S KBTCOE	As Social Responsibility Of The College Has Taken a Initiative For Collection Of The Ganapti:Idoal Collection and A Nirmalya Collection.	5	50
NSS	Mahindra Mahindra Ltd and Yash Foundation	AIDS Awareness among Youth	6	134
Student Development Board funded by SPPU	College Level organised by Mechanical Department	Disaster Management Workshop	2	109
HCG Manavata cancer ceter, Nashik	N.D.M.V.P.KBTCOE,NASHIK	students made some greeting cards and messeges for the cancer patients	2	10
Gandhi Vichar Sanskar pariksha	Gandhi Research Foundation, Jalgaon	Books Reading and exam	1	45

Work activity on farm	Department of Instrumentation Control engineering	Farm activity like Bed preparation of seeding	11	50
Tree Plantation	Department of Instrumentation Control engineering	15 Trees planted in college Campus	11	40

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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
Project work	03	DIC Spoke Center, Nashik	9
Inter Disciplinary Project	06	Self Sponsored	12

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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
Industrial Training on PLC Kit	Donation of PLC Kit	Square Automation Pune	31/03/2019	31/03/2019	50
Project Work	Project Sponsorship	INDUSTRY	15/06/2018	31/03/2019	195
MoU	Project Work	Albedo foundation	15/06/2018	31/03/2019	04
MoU	Project Work	REC ,WRD, MERI	15/06/2018	31/03/2019	04
SIP	Project	Kotak Mahindra , Bank of Maharashtra etc..	01/05/2019	31/07/2019	58
MVPATC Training	Industrial Automation Training Centre	Fox Solutions, Nasik Mr.Pralhad Dhumal,Ms.Sujata Tidame 7757056744	01/07/2018	01/11/2019	18
MVPArmstrong Robotics Lab	Basic Robotics Automation	Armstrong Machines Builders Pvt	12/04/2019	09/05/2019	19

	Training Centre	Ltd, Satana, Nasik. Ms. Pranita Kashyape (7387573991)				
MVPDIC Innovation Centre	Design Development of Sensor Signal conditioning Technology.	Mr.V.A. Ahirrao 9881068088	15/06/2018	31/03/2019	07
Project Work	Internship with position software Intern	imavericks	25/07/2018	25/07/2019	01
Project Work	Internship on web development	Oxitech Solutions	01/07/2018	06/11/2018	05
Project Work	Internship of IoT and Robotics technology	Cognifront Academy	06/06/2019	20/06/2019	02
Project Work	On the Job Training	Winjit Technology, Nashik	29/08/2018	29/08/2018	01
Project Work	On the Job Training	Triarq Health	19/07/2018	19/07/2018	02

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Megger India Pvt Ltd.	15/09/2018	Expert talk	60
S. P. Electronics Nashik	26/09/2018	Inplant training	4
Navitas Efficient Nashik	15/09/2018	Expert talk	30
Albedo foundation	20/07/2018	Training centre and project Work	20
REC ,WRD, MERI	25/09/2018	Training and Project Work	4
Apras Polymers and Engineering Co. Pvt. Ltd.	12/12/2018	Expert Lecture, Learn Industry projects, Campus Placement	390
V3 Data Solutions	09/07/2018	Inplant training, Internship, Sponsor Projects	8

DYNAMO CO, Nashik	19/10/2018	Training	114
SWS	17/07/2018	Financial Literacy etc..	41
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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
3500000	3479695

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ERP Sack Info 2.5	Fully	Sack Info 2.5	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	29242	9149979	439	242318	29681	9392297
Reference Books	7614	6274129	397	543257	8011	6817386
Journals	367	836891	78	191170	445	1028061
e-Books	10624	0	0	0	10624	0
e-Journals	3435	5686626	8	1948155	3443	7634781
Digital Database	10708	0	0	0	10708	0

CD & Video	1304	0	0	0	1304	0
Weeding (hard & soft)	160	0	0	0	160	0
Others(specify)	77	0	16	0	93	0

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

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	796	30	31	31	1	31	765	100	22
Added	20						20		
Total	816	30	31	31	1	31	785	100	22

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NPTEL Video, EBooks, Softcopy of Question paper	ftp://192.168.4.18/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
6500000	6310228	33100000	33178216

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)

LibraryThe Central Library has excellent infrastructure and participates actively in the educational mission of the college through collection and dissemination of information to meet the curricular and vocational needs of the students, faculty and staff. Central Library system supports the teachinglearning and research activities conducted in the Institution. It is well equipped with books of all discipline having more than 10575 Titles and

38587 text and reference books. It is also subscribed with international renowned databases like IEEEASPP, ASCE, ASME, Springer, ELSEVIER, JGate, DELNET, Knimbus. Sports complex Understanding the importance of holistic development of the students we provide various sports facilities to the students and give them a chance to choose from a wide range of sports via football, table tennis,Tennis, basket ball, volley ball, Cricket, badminton etc. To create sensible and socially responsible citizen the campus provides a platform to its students to render service to the society they belong to. Regular Blood donation campus are organized twice a year. Apart from that the institutes' trust organizes various health camps on regular intervals. Library has one computer centre where students are used E library facility find the international renowned journals papers Each laboratory and class room having WiFi connectivity

http://kbtcoe.org/library/

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	Sponsorship for final year project Automation of car washing centre (Department of Instrumentation and Control)	3	1000000
Financial Support from Other Sources			
a) National	Earn and Learn Scheme.	10	65475
b)International	NA	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Aptitude Test Interview Techniques	22/09/2018	36	Dr. Kiran Derle
Road Safety Management	24/09/2018	78	Mr. Somnath Gengje
Bollywood Stress Management	05/10/2018	95	Mr. Amol Kulkarni, Psychologist
Barclay's training for be students	29/08/2018	120	Barclay's Training Pune
Two Days Work Shop on Arduino Sensor Interfacing	06/07/2018	70	MvpInnova Training Center Mr Ankit Agarwal
Session on Career guidance	14/09/2018	43	Mr. Vishal Patil Nashik

Abroad admission Campus recruitment training	18/09/2018	45	Mr. Sandip Shinde Industry expert
Role of technology in sustainable development	19/09/2018	79	Dr. Aaditi Misal, Nashik
Entrepreneurship and digital marketing	24/09/2018	128	Mr. Pankaj Ghadge, Nashik
Soft skill and Quantitative aptitude test training	26/09/2019	43	Mr. Ajinkya Chopade
SAP	01/09/2019	3	MVPSAP
ISTE Student Chapter Organized Expert Session On Carrier Opportunities in Japan	19/01/2019	86	Mr. Vinay D Vedi
Expert Session on Advance Excel Techniques	19/01/2019	55	Mr. Ashok Sindkar Microsoft Certified Industry Trainer
Hands on Advance Excel	01/02/2019	45	Mr. Ashok Sindkar
Women Safety Self Defence	29/01/2019	120	Dr. Ravinder Singal, Commissioner of Police
Expert Session on Lafter Yoga Healthy Life.	12/02/2019	65	Mrs. Aditi Waghmare
Expert Session On "Aptitudeand Carrier Opportunities for Engineering Students".	11/02/2019	60	Mr. Pradip Joshi Six Sigma Consultant
Expert Session On "Aptitude and Carrier Opportunities for Engineering Students".	11/02/2019	67	Mr. Vijay Kamat
Seminar on Organ Donation to Make the Awareness to the students regarding The Organ Donation	16/02/2019	60	Dr Nagesh Aghor (Kidney Transplant Expert)
Expert Session on The Art of Decision	19/03/2019	100	Mr. AjitDoval,

Making			
Session on Carrier guidance	17/01/2019	82	Ms. Smita Bhamre Nashik.
Aptitude Training	14/01/2019	34	Mr. Ashishkumar, Zensar technology, Pune.
Expert Lecture on Personality Development	14/07/2018	80	Mr.SalimBatada
Demo Lecture on "Aptitude Training"	22/09/2018	78	Mr.KiranDerle (Director, Target Campus)
Expert talk on "Stress Management"	07/02/2019	86	Dr.HemantSonanis, M.D.Psychiatrist
Carrier Opportunities in Japan	17/01/2019	60	Mr. Vinay D Vedi
Women Safety Self Defence	29/01/2019	120	Dr. Ravinder Singal, Commissioner of Police
Seminar on Cyber Security Law	26/02/2019	55	Mr. Tanmay Dixit
PLSQL Training	24/06/2019	9	Zensar
3 Days Entrepreneurs Awareness Camp For Final Year Students, Conducted by Udyogvardhini, Nashik	12/07/2018	55	Dr.PrabhuRamchandran
3 Days Workshop On Basic Programming Using Python" Organized by IIT Mumbai	16/08/2018	30	Ms. T.S. Deshmukh
Recent Trend in VLSI Design Using MicroWind	23/08/2018	55	Mr. Shrikant Atkarne Sr. Application Engineer, Ni2 Design Solutions, Pune
Paper Bag Making Workshop	29/07/2018	30	Mr. V.P.Gawai
Hands on Workshop on Internet of Things Using Arduino And Raspberry Pi	08/10/2018	25	MvpInnova Training Center Mr Ankit Agarwal
Aptitude Training	14/01/2019	34	Mr. Ashishkumar Zensar

			technology,Pune.
Meditation : Mind Matters	14/02/2019	120	Mr. Chirag Patil (International Teacher, Art of Living)
Behaviour Skills, how to deal with jobs opportunities in hand	19/03/2019	64	Mr.Subhash Rajguru, Maharudra Career Management Academy, Nasik.
Soft Skills, (Team activity, Stress management, Goal setting Entrepreneurship)	29/03/2019	15	Mr.Sachin Pachorkar, MBA Department, MVPS's KBT COE, Nasik
Aptitude Training	14/01/2019	34	Mr. Ashishkumar, Zensar technology, Pune.
Handel Your Stress Emotions	06/07/2018	70	Dr. Mukesh Daund,Dr. Sunita Samant ,Dr. Chinmay Palsodkar Psychologist
Motivational Talk by Ed Cell	28/08/2018	100	Mr. DilipAuti
Aptitude Test Interview Techniques. Bull's Eye	04/09/2019	45	Mr. Vinay Wagh Bull's Eye
Human Behaviour: Emotion Quotient	05/09/2018	120	Ms. Monalisa Jain
Prepared for Ready To Industry	07/09/2018	65	Ms. Kshama Achanna
Prepared for Ready To Industry	14/09/2018	60	Mr. Anant Waghchoure
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Aptitute Training Program by Mr. Kiran Derle (Instru. & Control)	0	40	0	2
2018	Session on	0	43	0	3

	Career guidance				
2018	Abroad admission & Campus recruitment training	0	45	0	0
2018	Entrepreneurship and digital marketing	0	128	0	0
2018	Soft skill and Quantitative aptitude test training	0	43	0	15
2019	Aptitude Training	0	34	0	8
2019	Session Carrier guidance	0	82	0	4
2019	Career counselling by Expert Mrs. Dhanlaxmi Patwardhan (Trainer)	0	1	0	1
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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
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
NDMVPKBTCOE	503	175	NDMVPKBTCOE	30	8
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	Computer	Computer	Vivekananda	MBA

		Engineering	Engineering	Education Society's Institute of Management Studies Research Mumbai	
2019	1	Computer Engineering	Computer Engineering	NDMVPS's KBT COE Nashik	MBA
2019	1	Computer Engineering	Computer Engineering	VJIT ,Mumbai	MTech
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	Dr. D. Y. Patil Institute of Management & Research, Pimpri	MBA
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	KJ SMISR, Mumbai	MBA
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	Shri SantGadge Baba Colloege of Engg. & Technology Bhusawal	MTech
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	Zeal College of Engineering & Research, Pune	MBA
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	Dr. Moonje Institute Of. Management & Computer Studies, Nashik	MBA
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	Sinhgad Technical Education Society, Sinhgad Business School, Erandwane, Pune	MBA
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	University of Texas at Arlington	MS
2018	1	INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	K. K. Wagh Institute of Engineering Education &	MBA

| 2018 | 1 | Instrumentation & Control | Instrumentation & Control | University of Paderborn, Germany | MS |
| 2018 | 1 | Instrumentation & Control | Instrumentation & Control | Hochschule Fiir Technik and wirtschat, Berlin, Germany | Masters in Business Administration and Engineering |

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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	2
GRE	4
TOFEL	2
Civil Services	3
CAT	1
Any Other	5

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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
Social:Ganpati making workshop and Sankalp Ganesh Murti Collection	Institution level	23
Social: Blood Donation	Institution level	130
Nirbhay Kanya Abhiyan Karyashala	Institution level	35
Light the bulb	Institution level	100
Assemble Disassemble	Institution level	104
Virtual Reality	Institution level	11
Robo Soccer	Institution level	103
KBT TECH FEST 2019	National	500
Fusion 2k 19	Institution level	450

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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
2018	Winner	National	1	0	KBTUG14145	Bonde Sanket

							Nilkanth
2018	Runners-up	National	1	0	KBTUG18326	Pawar Vishakha Sanjay

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

College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Every year principal was nominate the students council. Constitution 1) Principal 2) Principal nominated faculty (Student Dean) 3) Physical Director 4) NSS Program Officer 5) Three Academic Toppers from F.E., S.E. T.E. 6) Cultural Student Coordinator 7) Sports Student Coordinator 8) NSS Coordinator 9) Principal nominated two Girls Representatives Contribution of the Student Council in Academic Administration • I, Aniket Dhumne, (General Secretary) would like to mention some of our work done during the academic year 201819 . • We have successfully carried out our extravaganza event named FUSION 2K19 in the month of January 2019. It was a 2 day multicultural event. • We have also arranged interdepartmental sports events in December 2018, some of which included cricket, football, volleyball, table tennis, etc. • We have also carried out a tree plantation drive in our campus. • We also organised a national level technical event in the month of March under the name of KBTECHFEST in collaboration with IQAC and students association . • We also celebrated Ganesh Chaturthi with full enthusiasm where in we made an ecofriendly Ganesh Idol with decoration in and around. The student council is involved in the representation of students in academic and administrative bodies/committees of the institution, such as grievance redressal committee where the term Grievance Redressal primarily covers the receipt and processing of complaints from students and staff, a wider definition includes actions taken on any issue raised by them to avail services more effectively. They are involved in prohibition and prevention of sexual harassment committee where they look into the matters which deal with prevention of outreaching the modesty of a woman. Students are also being involved in discipline committee in various events so as to maintain the decorum of the event.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes,It is register association from the year 2005 under Deputy Charity Commissioner , Nashik Region , Nashik Enrolment number : F8366(Nashik). Around 3500 alumni are register under this association.

5.4.2 – No. of enrolled Alumni:

3496

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Every year our institute conduct alumni meet . Alumni interaction is a continuous process for institute They interact and help to the students for various activities like summer internship project, industrial visit ,arranging Export talk. Some of our alumni are also on Departmental Advisory board giving key inputs which are very helpful for improvement of student as well as

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)

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system .Governing body, Management, Principal, Vice Principal, HOD, IQAC Members, Steering committee, teaching staff, nonteaching staff, supporting staff, student representatives, Stakeholders, Aluminies and various committees jointly empowered to propose, design, formulate and execute their plans within the frame work of governance. The Academic, Administrative, NSS, IQAC all are working together for the smooth running and over all functioning of the college. Principal is the chief executive to monitor teaching learning process by each department of the institute. Principal is also required to ensure the availability of appropriate infrastructure faculty. Principal is also supposed to get established linkages with industrial and other organizations for mutual growth and development monitoring the system getting collected regular feedback from stakeholders determining gaps at the institute level and bridging the same and promoting research culture are major responsibilities of a principal Head of department have exactly the same roles as that of a principal but are limited to a department level and to assist the Principal to carry out all above functions. Faculty is required to keep themselves abreast with the advances in technology, clear understanding of general and specific objectives of teaching the subject(s) allotted to them and managing teachinglearning process by providing varied learning experiences to students to develop hard and soft skills in them for gainful employment. In the respect they should have clear understanding of basic principles of pedagogy for making teachinglearning process effective. Continuing their studies conducting research in the area of their specialization performance evaluation of students guidance and counselling and Effective Mentoring maintaining a record of the performance of students are some of the important functions of the faculty. Committee/cell/Coordinator and Roles and responsibilities as follows Principal Implementation and monitoring of academic and administrative system to cater to vision and mission of the institute Academic monitoring committee Academic development and monitoring progress of various teaching/learning processes PG Coordinator Academic activities of PG programmes Examination committee/College Examination Officer Internal University examination activities Research committee/Academic Research Coordinator Academic and research activities of BCUD, SPPU ,DST, AICTE NSS Coordinator NSS activities of SPPU SDO Coordinator SDO activities of SPPU Training placement and career counselings cell Training and Placement activities Entrepreneurship Development Cell EDC activities Student welfare committee Planning, execution and supervision of activities of student association Cultural and sports committee Planning, execution and supervision of cultural and sports activities Student grievances redressel committee Attending and redressal of students problems OS Supervision and management of all administrative and operational functions Accountant Management of finance and account activities Library Committee Management of learning resources Anti ragging committee Prevention and action against ragging cases

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
Admission of Students	Criteria for admission 1. Institute follows rules, regulations and guidelines set up by the government as the engineering admission process in the state is governed by DTE. 2. Students are admitted to first year of UG course on the basis of score of CET/JEE trough DTE CAP round. Students are admitted to second year of UG course on the basis of percentage scored in diploma through DTE CAP round. 3. Students are admitted to Master of Engineering course through DTE CAP round on the basis of GATE score. Students are admitted to Master of Business Administration course through CAP round on the basis of CET score. 4. Profile of student is created as database in ERP software and is maintained in the department and efforts are taken for continuous monitoring of the performance of every student. In this students can see their attendance. Marks in test and attendance are sent to Parents through ERP and Mobiles by Mentors allotted to students.
Curriculum Development	The college is Permanently Affiliated to Savitribai Phule Pune University, Pune and Approved by AICTE, New Delhi. Syllabus is framed by university. The Institute depute senior faculty for participating in curriculum development and syllabus revision as a member of various committees at university level. Institute take initiative in organising industrial visit guest lecture conduct extra classes in order to supplement the curriculum. The institute communicate to universities, the feedback taken from stakeholder for improvement of curriculum.
Teaching and Learning	The following strategies were employed by the institute to improve overall teaching and learning process: 1. Implementation of outcome based teaching and learning methodology. 2. Recruitment of well qualified and experienced staff as per AICTE norms. 3. Sponsorship to faculty for higher studies and faculty development programmes. 4. Use of modern teaching aids like LCD projectors and interactive boards in the classrooms.

	5. Continuous evaluation system for students.
Examination and Evaluation	1. Institute conducts unit test 2. Continuous evaluation of seminars and projects is carried out 3. Analysis of the university examination result (TH/PR) is done. 4. Remedial Classes for improvement are taken.
Research and Development	1. Dedicated research section. 2. MVP journal will be published, which will act as a platform for publishing research work 3. Motivating staff for submitting research proposal to various funding agency 4. To encourage students to undertake industry sponsored projects 5. Student and staff get sponsorship for attending seminar/workshop at national and international level. 6. For research Providing facility such as wifi connection, digital library, laboratory equipment and library for staff and student
Library, ICT and Physical Infrastructure / Instrumentation	The Central Library has excellent infrastructure and participates actively in the educational mission of the college through collection and dissemination of information to meet the curricular and vocational needs of the students, faculty and staff. Central Library system supports the teachinglearning and research activities conducted in the Institution. It is well equipped with books of all discipline having more than 10575 Titles and 38587 text and reference books. It is also subscribed with international renowned databases like IEEEASPP, ASCE, ASME, Springer, ELSEVIER, JGate, DELNET, Knimbus. Library Automation: All its operations are computerized using ERP software and provide access to the collection through OPAC. Library follows an open access system that allows users direct access to the library collection. Library implemented barcode technology for circulation. Knimbus eLibrary platform for the repository and digital library is also available. OPAC Link: http://10.65.0.11/Student20Log/OPAC.aspx Library offers computerized catalogue search facility through WEB OPAC (Online Public Access Catalogue) • It is searchable by Title, Author, Publisher, Keyword, Accession number etc. • Arrival of new books is informed

	through OPAC Search • Using OPAC one can get the status (the desired book/resources are issued out or On Shelf) and exact location of the required book at their remote place.
Human Resource Management	HR planning is done based on the workload in the departments. HODs in coordination of principal plans for faculty recruitment, Recruitment is done as per university and state government norms. Welfare measures for teaching and non teaching staff exists.
Industry Interaction / Collaboration	1. The institute have signed 16 MOUs and started 15 training centre. 2. Encourages students to prefer industry sponsored projects. 3. Involvement of industry experts in academic activities 4. Providing consultancy to the industries

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

E-governace area	Details
Administration	With the help of developed technological world college staff ,uses ERP system the same for administration purpose. Use of Smartphone with inbuilt social app like Gmail and Whats App they share the notes to students. It helps to provide the brief notice of any event to be happened in college ,ERP system for awareness and of smooth functioning of the same. The college have Bio metric attendance for teaching and non teaching staff. The college campus is equipped with CCTV Cameras.
Finance and Accounts	The college uses the ERP and tally software for Egovernance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure.
Student Admission and Support	The most important key factor of the college toward the students admission and support is that college has system which allows the student to take admission with fee at the initial stage of admission process of every academic

	year. The College has ERP software for the admission purpose.Admission form Filling, Examination form filling as well as Scholarship Form filling at one place computer centre provided at college is free of cost.
Examination	The College has the separate Examination department with equipped ITC tools necessary for examination purpose. As per the requirement of Examination department all the necessary equipments are provided by the college such as Separate Desktop with Internet Facility for online procedure of Paper Downloading, separate xerox machine for printing the university question paper.
Planning and Development	The Vision and Mission Statement is uploaded on the institutional website. The curriculum is developed by the Savitribai Phule Pune University (SPPU) adopted by the College and is made more relevant by including enrichment courses, value added lectures to address the needs of the society.

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
2018	Mr. A. P. Meshram	PLC SCADA	ISTE AICTE	300
2018	Mr. A.R. Chaudhari	5G Multi Antenna Technology	ISTE	100
2018	Mr. V.P. Gawai	Design, simulation of signal processing applications	ISTE	750
2018	Ms. Kakad Nayana R.	Machine Learning IOT	SVIT, Nashik	1500
2018	Mr. Y. H. Palve	The Indian Society for Technical Education	The Indian Society for Technical Education	3500
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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	Title of the	From date	To Date	Number of	Number of

	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2018	3 Days workshop on recent trends in VLSI using Cadence	3 Days workshop on recent trends in VLSI using Cadence	05/09/2018	07/09/2018	25	1
2019	Expert Session on Advance Excel Techniques	Expert Session on Advance Excel Techniques	19/01/2019	19/01/2019	12	6
2018	Android Workshop	Android Workshop	04/10/2018	06/10/2018	5	1
2019	One Week Faculty Development Program on "Data Science Machine Learning using Python"	One Week Faculty Development Program on "Data Science Machine Learning using Python"	02/05/2019	06/05/2019	14	2
2018	Winter Vocational Training	Winter Vocational Training	15/11/2018	24/11/2018	1	1
2018	Demonstration of new instrument LCR Q Meter	Demonstration of new instrument LCR Q Meter	05/09/2018	05/09/2018	7	1
2019	Workshop on IoT for Defense	Workshop on IoT for Defense	14/02/2019	15/02/2019	9	2
2019	Vocational Training	Vocational Training	15/05/2019	24/05/2019	5	3
No file uploaded.						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NPTEL Online Course Wastewater Treatment and	1	01/06/2018	01/10/2018	120

Recycling				
Project Based Learning	1	29/06/2018	30/06/2018	2
1half FDP on Integral equation,calculus of variation its application.	4	01/07/2018	31/10/2018	120
12 Weeks Development Programme onAnalytical Chemistry	2	01/07/2018	31/10/2018	84
FDP on revised syllabus of BE (ETC)	1	09/07/2018	09/07/2018	1
FDP on revised syllabus of BE (ETC)	1	11/07/2018	11/07/2018	1
BE Instrumentation Control (Process Dynamics and Control)	1	11/07/2018	11/07/2018	1
Workshop of basic programming using Python as workshop Coordinator	1	12/07/2018	14/07/2018	2
FDP on revised syllabus of BE (ETC)	2	13/07/2018	13/07/2018	1
Online NPTEL Course(12 Week) Discrete Mathematics	1	20/07/2018	28/10/2018	84
FDP on Emotional Intelligence	1	27/07/2018	27/07/2018	1
Emotional Intelligence	2	27/07/2018	28/07/2018	2
NPTEL Online course on "Fluid Dynamics and Turbomachines"	1	01/08/2018	30/09/2018	60
3 Days workshop on recent trends in VLSI using Cadence)	3	05/09/2018	07/09/2018	3

Three days' workshop on "Basics of Python" by FOSSEE IIT BOMBAY	3	06/09/2018	08/09/2018	3
Seminar on Global Demand of Big Data Analytics in IT Industries	2	12/09/2018	12/09/2018	1
Foundation Program in ICT for Education (FDP101x)	4	13/09/2018	18/09/2018	6
FDP on (Emotional Intelligence)	9	28/09/2018	29/09/2018	2
Workshop on Project Based Learning	1	28/09/2018	29/09/2018	2
Android Workshop	6	04/10/2018	05/10/2018	2
Pedagogy for Online and Blended TeachingLearning Process (FDP201x)	3	30/10/2018	13/12/2018	40
The Inplant Training/software Training Course Advanced Excel	3	12/11/2018	19/11/2018	8
Knowledge of the various construction activities on the RCC Construction site.	1	14/11/2018	21/11/2018	7
Industrial Training [SEMI]	10	18/11/2018	10/12/2018	20
Training on course ETABS	1	28/11/2018	03/12/2018	5
Training Involved in various activities, and prepared report of each thing. He actively participated in Spillway, Cut	1	30/11/2018	06/12/2018	7

off concreting, laying and compaction of casing and hearting portion of Bor River L.M.I Project.				
NPTEL workshop	1	30/11/2018	30/11/2018	1
Training involved in various activitiesBor River L.M.I.project	1	30/11/2018	06/12/2018	7
Sustainable Engineering : Theory and Practice	1	03/12/2018	07/12/2018	5
Training on Remote Sensing and GIS with QGIS Handson	3	03/12/2018	08/12/2018	6
5 Day Faculty Development Program on PLC and SCADA and Mat lab simulation	1	17/12/2018	21/12/2018	5
NPTEL Online course on " Rapid Manufacturing"	1	01/01/2019	30/04/2019	120
NPTEL Online Course on Programming in Java	1	01/01/2019	30/04/2019	120
Emotional Intelligence	1	01/01/2019	31/03/2019	90
NPTEL Online course on "Patent Law for engineers and scientist"	1	01/01/2019	30/04/2019	120
NPTEL Online course on "Theory and practice of Non Destructive Testing"	1	01/01/2019	31/03/2019	90
NPTEL Online course on "Engineering Me	1	01/01/2019	31/03/2019	90

chanicsStatics and Dynamics"				
NPTEL Online course on "Principles of Casting Technology"	1	01/01/2019	31/03/2019	90
2 days National Level Workshop on Design, simulation of signal processing applications	2	03/01/2019	04/01/2019	2
BE Instrumentation Control (Process Instrumentation)	2	08/01/2019	08/01/2019	1
One Day Workshop on (5G Multi Antenna Technology)	1	17/01/2019	18/01/2019	2
2 Days Workshop on PLC SCADA	1	24/01/2019	25/01/2019	2
Block chain Technology	1	01/02/2019	02/02/2019	2
NPTEL Online course on " Convective Heat Transfer"	1	01/02/2019	31/03/2019	60
NPTEL Online course on "Basics of Finite Element of Analysis I"	1	01/02/2019	30/04/2019	90
IOT for defence (Instrumentation Dept)	1	14/02/2019	15/02/2019	2
One day Workshop on Renewable Energy and its use in daily life	3	16/02/2019	16/02/2019	1
Renewable energy and its use in daily life(Mechanical dept)	1	16/02/2019	16/02/2019	1
National Conference on Technology	1	22/02/2019	22/02/2019	1

Innovation, Entrepreneurships				
EMC Academic Associate	1	25/02/2019	26/02/2019	2
Teaching Learning in Engineering	1	25/02/2019	23/03/2019	28
Advances in water engineering	1	11/03/2019	15/03/2019	5
One week STTP through ICT Mode on NBA Accreditation	4	22/04/2019	26/04/2019	5
Industrial Training [SEMII]	3	02/05/2019	03/06/2019	30
One Week Faculty Development Program on"Data Science Machine Learning using Python"	20	02/05/2019	06/05/2019	5
Certificate course in Advanced Excel	1	04/05/2019	03/06/2019	30
Workshop on Robotics: Theory, concepts and Implementation	1	24/05/2019	28/05/2019	5
3 Day Faculty Development Program for Student Induction – Level 0	1	27/05/2019	29/05/2019	3
1half FDP on Integral equation,calculus of variation its application.	2	01/07/2018	31/10/2018	84
		[View File](#)		

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
51	65	36	75

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

PF, Mediclaim Policy, Group Insurance	PF, Mediclaim Policy, Group Insurance	Mediclaim Policy

6.4 – Financial Management and Resource Mobilization

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

The college uses the ERP and tally software for E governance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure. The auditors are appointed by the NDMVP Samaj Sanstha. The institution is having qualified practising Charted Accountant as an auditor who audits the accounts annually. After the audit, the report is sent to the management for review. Internal/External Auditors R. S. Baste Company

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
Yashika Energy System	10000	Renewable Energy Club Practical

View File

6.4.3 – Total corpus fund generated

14000000

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	Principal or Senior staff member from different institute	Yes	Senior staff member from institute
Administrative	Yes	Principal or Senior staff member from different institute	Yes	Senior staff member from institute

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

Parents teachers meet was organised and to discuss the progress of the students, career plan and industrial opportunities for the students. Meeting with parents is conducted in the college (Yearly 2) 1. Expert session on parents meet "Saksham" for parents on 22/09/2018, Mrs.Dhanlakshmi Patwardhan, Corporate Trainer 2. Instrumentation and control students participated in 106th conference organised by Indian Science Congress Association at Lovely Professional University, Pharwara, Jalandhar (05 Days)03/01/2019 to 07/01/2019 3. Expert talk on Womencentric families in Parents Meet in Department of Instrumentation and control dated 23/2/2019

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

> • One Week program for Technical assistant Vacation Training attended by Supporting Staff. • Training on Network Administration • Koha and Library Automation on date 12/10/18 • Computer, Printer and Network Training on date 07/07/18 and 14/07/18 • One week FDP on "Data Science and Machine Learning using Python" on date 02/05/19 to 06/05/19 • Two days "Android Workshop" on date 04/10/18 to 05/10/18

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

> • MVP Armstrong Robotics Lab at Instrumentation Control Engineering Department. • MVP Megger centre of excellence by Megger Pvt.Ltd. • Converting Bolero ZLX engine to motorised working and into cut section, donated by Mahindra Mahindra Ltd. for students learning purpose. • IoT lba is formed under MoUs by Emerging technology

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
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
2019	KBTECHFEST 2019	21/03/2019	26/03/2019	26/03/2019	500
2019	Academic Administrative Audit	03/04/2019	03/04/2019	30/04/2019	7

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
Awareness program on menstrual hygiene management	14/08/2018	14/08/2018	46	41

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
1. Energy Conservation: • The institute has taken due care for less energy consumption including electronic ballast tube lights, electronic regulators for fans, and minimum use of Air Conditioners. • All the older CRT based Computers are replaced by LCD monitor based Computers. • Minimum requirement of tube lights and fans because of sufficient natural lights in class rooms, laboratories and staff cabins. • Students and staff are motivated to use good

practices such as to switch off electronic instruments, fans and tubes whenever not in use during practical hours. • Regular replacement of UPS batteries through buyback schemes. 2. Use of renewable energy: • Institute has installed solar water heating system with 200 LPD capacity in the Girls hostel. • Five solar street lights of 74 watt each are installed at staff parking areas. • One solar PV surface water pump system (1 HP) is installed for gardening purpose. • Solar LCD TV, solar educational kit, single solar parabolic cooker, seven solar SPV lanterns kept in campus for awareness purpose. • Solar Power Plant (On Grid System)Our Institute had proposed 220250kW capacity Solar Power Plant (Grid Connected Solar Power System) to Ministry of New and Renewable Energy Sources (MNRE), Govt. of India, out of which 100kW capacity plant is already been in installation phase. The installation work has been already started by the M/s. Surya Electromultiservices Pvt. Ltd. on the roof of Rajarshi Shahu Maharaj Polytechnic, the sister institute of MVP Samaj, which is also located nearby our campus only. Remaining 120150 kW capacity plant is going to be installed on the roof of our college. The total budget of the project is about 2 Crores. • Grid Connected Solar Power SystemWhenever the sun shines (and even in overcast weather), the solar cells generate electricity. The grid connect inverter converts the DC electricity produced by the solar panels into 240V AC electricity, which can then be used by the property. If a grid connect system is producing more power than is being consumed, the surplus is fed into the mains power grid. Some electricity companies will meter the electricity fed into the grid by your system and provide a credit on your bill. As all of the components in a grid connect system have no moving parts, you can expect a long and hassle free life from your solar power system. When the solar cells are not producing power, for example at night, your power is supplied by the mains power grid as usual. The energy retailer charges the usual rate for the power used. As all of the components in a grid connect system have no moving parts, you can expect a long and hassle free life from your solar power system. • To create awareness for the uses of renewable energy sources is through student's projects and activities for students and faculties.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	2
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	1
Braille Software/facilities	No	0
Physical facilities	Yes	2
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva	Number of initiatives taken to engage with and contribute to	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

| 2018 | 1 | 1 | 23/09/2018 | 1 | Ganesh Idol (murti sankalan) | work for preventing water pollution during immersion of Ganesh idols by ensuring that plastic and other waste does not go into Godavari river. | 152 |

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

Title	Date of publication	Follow up(max 100 words)
Department inaugurated its first eTechnical newsletter TeChronicle	04/04/2019	4 April, on the occasion of Birth Anniversary of Late Dr. V. N. Pawar, Department inaugurated its first eTechnical Newsletter Tehronicle(quarterly)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Expert Lecture on "Ethics in Civil Engineering"	18/03/2019	18/03/2019	132

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

1. Institute has its own Solar Park 2. Garbage is collected and handed over to NMC, Nashik 3. Rain water harvesting. 4. Kerb stones are prepared from waste material i.e. bottom ash and are used for landscaping purpose in the campus. 5. Sprinklers are used for watering the plants and lawns. 6.workshop conducted for making Ganpati Idol.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

- **Social Project: Project Bandhan • Departmental Training Centers**

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

http://kbtcoe.org/best-practice/

7.3 – Institutional Distinctiveness

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

The Maratha Vidya Prasarak Samaj is one of the most prestigious centers of learning in the State of Maharashtra. It manages 488 educational organizations is one of the premier educational hub in the jurisdiction of Savitribai Phule Pune University. At present, around 2 lakhs of students pursuing education. It has been over 105 years that it has stood the test of time to become legend of unparalleled stature. History says that the credit for the birth of M.V.P. Samaj goes to the young, enthusiastic devoted team of social workers educationists who were inspired by the lives of Mahatma Jyotiba Phule, Savitribai Phule Rajashri Shahu Maharaj of Kolhapur. These young leading lights include Karmaveer Raosaheb Thorat, Bhausaheb Hire, Kakasaheb Wagh, Annasaheb Murkute, Ganpat Dada More, D. R. Bhonsale, Kirtiwanrao Nimbalkar Vithoba Patil Khandalaskar, who laid the foundation of the Samaj. They were the men who envisioned a culture knowledge centric society. The great visonaries of MVP Samaj rightly laid the Well being happiness of masses (Bahujan Hitay Bahujan Sukha) as the motto for the samaj. The Nashik District Maratha Vidya Prasark Samaj had celebrated the centenary celebration on 4th of January 2014 in the presence of Union agricultural minister Sharad Pawar the state chief minister Prithviraj Chavan. In our 105 years of journey we have developed many schools and colleges which are providing knowledge to lakhs of students every year in a very well mannered. Despite of such development there are few schools and colleges in the tribal area of nashik district which needs development, which needs all basic amenities so that the students can get knowledge in better environment and develop their future very well.

Provide the weblink of the institution
http://kbtcoe.org/

8.Future Plans of Actions for Next Academic Year

1. Institute is preparing for national board of accreditation (NBA). 2. To establish innovation and startup cell to foster the entrepreneurship skills among students. 3. To strengthen Outcome Based Education (OBE) echosystem in teaching learning process 4. To ensure effective use of lead mentorship program 5. To organise and attend conferences ,workshops, STTPs, FDPs, seminars, webinars and encourage the faculty for industrial training 6. To depute faculty for higher education and research 7. To increase the number of preplacement activities like training, aptitude test, group discussion and personal interview for students 8. Under the Institute Social Responsibility (ISR) activities like NSS camp, blood donation, tree plantation ,green campus ,environment awareness, Unnat Bharat Abhiyan, Jal Shakti Abhiyan , Swachh Bharat Abhiyan, Road Safety will be conducted by nature club NSS and UBA team. 9. Actionoriented Academic Calendar will be prepared as per the needs of various Departments. Expert lectures, industrial interaction, Internship for students , parents meet , Alumni meet and industrial visits will be scheduled so as to bridge the gap between classroom teaching and industrial requirements.