# Yearly Status Report - 2018-2019

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1. Name of the Institution** | **HINDI SEVA MANDALS SHRI SANT GADGE BABA COLLEGE OF ENGINEERING AND TECHNOLOGY BHUSAWAL** |
| Name of the head of the Institution | **Dr. Rajendra Prasad Singh** |
| Designation | **Principal** |
| Does the Institution function from own campus | **Yes** |
| Phone no/Alternate Phone no. | **02582-221719** |
| Mobile no. | **9503264444** |
| Registered Email | **rps125@rediffmail.com** |
| Alternate Email | **principal_rpsingh@rediffmail.com** |
| Address | **Near Zonal Training Centre, Bhusawal-425203** |
| City/Town | **Bhusawal** |
| State/UT | **Maharashtra** |

| | |
|---|---|
| Pincode | **425203** |

## 2. Institutional Status

| | |
|---|---|
| Affiliated / Constituent | **Affiliated** |
| Type of Institution | **Co-education** |
| Location | **Rural** |
| Financial Status | **private** |
| Name of the IQAC co-ordinator/Director | **Dr.Girish Ashok Kulkarni** |
| Phone no/Alternate Phone no. | **02582221719** |
| Mobile no. | **9970052498** |
| Registered Email | **girish227252@gmail.com** |
| Alternate Email | **girish227252@rediffmail.com** |

## 3. Website Address

| | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | http://www.ssgbcoet.com/research-and-development/iqac.htm |

## 4. Whether Academic Calendar prepared during the year

| | |
|---|---|
| **4. Whether Academic Calendar prepared during the year** | **Yes** |
| if yes,whether it is uploaded in the institutional website: Weblink : | http://www.ssgbcoet.com/academics/academic-calender.htm |

## 5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|---|---|---|---|---|---|
| | | | | Period From | Period To |
| **1** | **B++** | **2.87** | **2019** | **08-Feb-2019** | **07-Feb-2024** |

## 6. Date of Establishment of IQAC

| | |
|---|---|
| **6. Date of Establishment of IQAC** | **12-Jul-2017** |

## 7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|---|---|
| Item /Title of the quality initiative by | Date & Duration | Number of participants/ beneficiaries |

| IQAC | | |
|---|---|---|
| Entrepreneurship Development Program | 06-Jan-2019 1 | 95 |
| Placement Grooming workshop | 05-Apr-2019 1 | 356 |
| Soft Skills Training Workshop | 11-Mar-2019 3 | 232 |
| CATIA Training Course cum Workshop | 11-Sep-2019 25 | 17 |
| Orientation on Examination | 28-Sep-2019 1 | 97 |
| Guest Lecture on | 09-Mar-2019 1 | 97 |
| Students Induction Program | 01-Aug-2018 21 | 97 |
| FDP on Product Design Engineering | 07-Dec-2018 5 | 54 |
| Scilab Workshop (IIT Bombay) | 04-May-2019 1 | 24 |
| Koha and Library Automation workshop (IIT Bombay) | 12-Oct-2018 1 | 35 |

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[View Uploaded File](#)

**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 |
|---|---|---|---|---|
| FDP on Product Design Engineering by Department of Mechanical Engineering | TEQIP | DBATU, LONERE | 2019 7 | 225000 |
| No Files Uploaded !!! | | | | |

| **9. Whether composition of IQAC as per latest NAAC guidelines:** | **Yes** |
|---|---|
| Upload latest notification of formation of IQAC | [View Link](#) |
| **10. Number of IQAC meetings held during the year :** | **2** |

| | |
|---|---|
| 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 Uploaded File](#) |
| **11. Whether IQAC received funding from any of the funding agency to support its activities during the year?** | **Yes** |
| If yes, mention the amount | **225000** |
| Year | **2019** |

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

**Encouraging staff to Upgrade qualification and to publish research paper**

**Upgrading Teaching Learning Process by arranging workshop on different topics and interaction with Institutions of Eminence**

**Project Based Learning and participation**

**Projects based on Social themes**

**Industry-Institute Interaction**

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

| Plan of Action | Achivements/Outcomes |
|---|---|
| **Planning for Creating Awareness about Scholarships/ Govt. Schemes for Different Sections of Society** | **Awareness is Created by Arranging Lectures.** |
| **Planning for Taking Extra Efforts for Making Students Employable** | **Campus Interview and Programmes for Self Employability Skills are arranged. Many Students are Placed Successfully** |
| **Preparing proposals for seed Money for the Research, FDP and STTPs** | **Proposals are prepared. Affiliating University released Grant for FDPs.** |
| **Planning for Student's Participation in National and International Competitions of Repute** | **Students successfully Participated in National and Inbternational Competitions and Won The Laurels in Competitions of Repute** |
| **Planning for Encouraging Faculty for Qualification Upgradation (Ph.D.** | **Some Faculties Completed their Ph.D. and Many Registered for Ph.D.** |

| Planning for Organizing Training and Lectures for the Students for Soft skills training, Competitive Examinations guidance and Entrepreneurship Development | Lectures are Arranged Successfully and Improvement in Interpersonal Skills are Observed |
|---|---|
| Planning for Improving Teaching Learning by Arranging and Participating in FDPs and STTPs | FDPs, Training Sessions and Expert Lectures are Arranged Successfully |

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| **14. Whether AQAR was placed before statutory body ?** | **Yes** |
|---|---|

| Name of Statutory Body | Meeting Date |
|---|---|
| **IQAC** | **17-Feb-2020** |

| **15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?** | **Yes** |
|---|---|
| Date of Visit | **29-Jan-2019** |
| **16. Whether institutional data submitted to AISHE:** | **Yes** |
| Year of Submission | **2020** |
| Date of Submission | **14-Jan-2020** |
| **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) | **Institution have developed its own ERP software like AIMS(Alumni Information Management System), SSGB OES(SSGB Online Examination System) and SSGBTC (SSGb Transfer Certificate Software) for Management of Information related to alumni, students, online exam and documentation. apart from this Institute Office is digitally equipped and manages work with ERP software such as Tally, MAHA DBT, MAHACET.** |

## 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

Our Institute has adopted Outcome Based Education (OBE) framework. The Institute follows a systematic and strategic approach in designing and developing OBE framework. At the beginning of each Academic year, University declares Academic calendar and guidelines. In reference of University calendar, Academic Dean prepares Institute's Academic Calendar which highlights schedule for Internal Sessional Examination (ISE), Mid Semester Examination (MSE), Internal Continuous Assessment (ICA), start of classes, end of classes, holidays in the semester, remedial exam dates, university oral practical's and end-semester exam dates, schedule of extra-curricular and co-curricular activities, technical events, etc. The Academic Calendar is published on institute's website for all faculties & students. Head of Departments distributes the subject by considering the subject choices given by the faculty members. This activity is carried out immediately at the end of semester. This helps faculty members to get sufficient time for the preparation & planning of the next semester subject to be taught. Time-Table Coordinator of the department prepares all the time tables. Before commencement of semester, meeting is organized in the department to prepare OBE documents. The component like Program Educational Objectives (PEO), Program outcomes (PO), Course Objectives and Course Outcomes are discussed and mapped. The Teaching, learning assessment strategies are designed for attainment of Course Objectives (CO) and Program Outcomes (PO). Academic Monitoring Committee (AMC) monitors all the academic activities, student feedback and overall teaching learning process to achieve maximum academic performance of the students. Regularly lectures are monitored by the academic monitoring committee. If needed, Corrective actions are taken by the HOD in consultation with Academic Dean and Principal. Effective implementation of curriculum is ensured by conducting expert lectures, seminars, Workshops, Training programs etc. Additional Assignments, Class tests are conducted to access the knowledge of the students. The lectures planning and delivery is recorded in a course register by the subject teacher. This documentation is helpful in managing syllabus coverage in scheduled time. The result of exam is used to explore the course outcomes attainment. Academic outcomes are evaluated in timely steps by class teachers and reported to HOD, Dean and Principal. The question paper is based on the course outcome mapping, which gives the depth about course outcome attainment. For active teaching and learning, apart from chalk and board method, faculty adopts some innovative methods like use of Power Point Presentation (PPT), Audio, Video, Lab Sessions, formative feedback. These methods encourage students to actively participate in learning process. Faculty also uses NPTEL videos (National Program on Technology Enhanced Learning) in classroom related to the syllabus. All faculties are directed to maintain the day-wise record of planned, actually covered topic and references used to cover the topic. HODs monitor the overall progress of teaching learning process. Class teacher and class coordinator monitor the class activity. Feedback from students is analyzed periodically to improve the teaching learning process. If required, necessary corrective actions are taken.

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 |
|---|---|---|---|---|---|
| Falcon 9 by space X a revolution in commercial space travel | - | 26/07/2018 | 1 | Employabil ity | To fill the gap between the engineering academics and |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | corporate world |
| Importance of Internship | - | 10/10/2018 | 2 | Employabil ity | To fill the gap between the engineering academics and corporate world |
| Entrepren eurship Development Program | - | 06/01/2019 | 1 | Employabil ity | Personality Development |
| Start UP Program | - | 06/02/2019 | 1 | Employabil ity | To fill the gap between the engineering academics and corporate world |
| SAP and its Importance in Industry | - | 02/03/2019 | 1 | Employabil ity | To fill the gap between the engineering academics and corporate world |
| AutoCAD Workshop | - | 13/02/2019 | 1 | Employabil ity | To fill the gap between the engineering academics and corporate world |
| CATIA Training Course cum Workshop | - | 13/02/2019 | 1 | Employabil ity | To fill the gap between the engineering academics and corporate world |
| Soft Skills Training Workshop | - | 22/01/2019 | 1 | Employabil ity | Personality Development |
| Online Webinar Building a Career in AI Machine | - | 30/01/2019 | 1 | Entreprene urship | To fill the gap between the engineering academics |

| | | | | | |
|---|---|---|---|---|---|
| Learning By Mr. Ankur Garg, AVO-operations. | | | | | and corporate world |
| Online Webinar at SSGBCOET in Collaboration with Million Minds \| Accelerate by Mr. Sankalp Solanki, Frigus Technologies | - | 06/02/2019 | 1 | Employability | To fill the gap between the engineering academics and corporate world |
| Industrial Automation PLC Workshop | - | 03/10/2018 | 2 | Employability | To fill the gap between the engineering academics and corporate world and enhance the Knowledge of the Industrial Automation |
| Importance of Softskill in Career | - | 22/01/2019 | 1 | Employability | To ensure a productive, collaborative and healthy work environment, all crucial attributes for organizations in an increasingly competitive world. |
| Overseas Job Opportunity | - | 13/02/2019 | 1 | Employability | Attaining country specific programmes to get job in overseas destination |
| Latest Trends in Career | - | 13/02/2019 | 1 | Employability | Embracing the Modern technology and getting trained for |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | the same |
| How to Start your own Business | - | 15/02/2019 | 1 | Entrepreneurship | Learning Essential business skills |
| Success Secret | - | 05/08/2018 | 1 | Employability | Learnt how to achieve success with available yardsticks etc. |
| Values in Education | - | 10/08/2018 | 1 | Employability | Understood the role of basic value system in life etc. |
| CCTV Installation Technician | - | 23/05/2019 | 120 | Skill Development, Entrepreneurship and Employability | CCTV Installation Technician |
| Solar Panel Installation Technician | - | 23/05/2019 | 120 | Skill Development, Entrepreneurship and Employability | Solar Panel Installation Technician |
| Automotive Service Technician (Two-Wheeler and Three Wheeler) | - | 23/05/2019 | 120 | Skill Development, Entrepreneurship and Employability | Automotive Service Technician (Two-Wheeler and Three Wheeler ) |

**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---|---|---|
| Mtech | S.Y.M.Tech - Design Engineering | 12/06/2018 |
| Mtech | S.Y.M.Tech - Electrical Power System | 12/06/2018 |
| Mtech | S.Y.M.Tech - Communication Engineering | 12/06/2018 |
| Mtech | S.Y.M.Tech - Computer Science and Engineering | 12/06/2018 |
| Mtech | S.Y.M.Tech -Construction Technology and Management | 12/06/2018 |
| BTech | S.Y.B.Tech - Mechanical Engineering | 12/06/2018 |
| BTech | S.Y.B.Tech - Electrical Engineering | 12/06/2018 |

| BTech | S.Y.B.Tech - Electronics and Telecommunication Engineering | 12/06/2018 |
|-------|-------------------------------------------------------------|------------|
| BTech | S.Y.B.Tech - Computer Science and Engineering | 12/06/2018 |
| BTech | S.Y.B.Tech - Civil Engineering | 12/06/2018 |
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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 |
|----------------------------------|--------------------------|-------------------------------------------------------|
| BE | 117143 Watershed Management, Final Year, Civil Engineering | 16/07/2018 |
| BE | 118144 Construction Safety & Disaster Management, Civil Engineering | 01/01/2019 |
| BE | 118153 Architecture and Town Planning, Final Year - Civil Engineering | 01/01/2019 |
| BTech | BTCVE404B - Planning for Sustainable Development , S.Y. - Civil Engineering | 01/01/2019 |
| Mtech | CVCTM-E1/01: Advanced Construction Materials and Techniques , F.Y. Mtech.-Construction Technology and Management | 15/07/2018 |
| Mtech | CVCTM-E2/01: Construction Disaster Management, First Year - Construction Technology and Management | 15/07/2018 |
| Mtech | CVSE-E3/01: Architecture and Town planning , F.Y. - Construction Technology and Management | 01/01/2019 |
| Mtech | CVSE-E4/02: Building Environment and Services, F.Y. - Construction Technology and Management | 01/01/2019 |
| Mtech | CVSE-E5/02: Infrastructure Development, F.Y. - Construction Technology and Management | 01/01/2019 |

| | | |
|---|---|---|
| BE | 177142- Android Programming, Final Year - Computer Science and Engineering | 15/07/2018 |
| BE | 227131- Software Engineering and Project Management, Final Year - Computer Science and Engineering | 15/07/2018 |
| BE | 178141 - Software Metrics and Quality Assurance, Final Year - Computer Science and Engineering | 01/01/2019 |
| BE | 178151 - Mobile Computing, Final Year - Computer Science and Engineering | 01/01/2019 |
| BE | Industrial Training / EDP / Special Study, Third Year - Computer Science and Engineering | 01/01/2019 |
| BTech | BTCOE404B - Object Oriented Programming in C++, S.Y. - Computer Science and Engineering | 15/07/2018 |
| BTech | BTCOE406B - Numerical Methods, S.Y. - Computer Science and Engineering | 01/01/2019 |
| BTech | BTHM3402 - Soft Skills and Personality Development, S.Y. - Computer Science and Engineering | 01/01/2019 |
| Mtech | MTCE1104C - Natural Language Processing, F.Y. -Computer Science and Engineering | 15/07/2018 |
| Mtech | MTCE1105A - Intrusion Detection System, F.Y. -Computer Science and Engineering | 15/07/2018 |
| Mtech | MTCE1203A - Software Testing, F.Y. -Computer Science and Engineering | 01/01/2019 |
| Mtech | MTCE1204C - Mobile Computing, F.Y. -Computer Science and Engineering | 01/01/2019 |
| Mtech | MTCE1205B - Object Oriented Systems, F.Y. -Computer Science and Engineering | 01/01/2019 |

| BE | 235311-Industrial Training / EDP / Special Study, T.E. - Electronics & Telecommunication Engineering | 01/01/2019 |
|---|---|---|
| BE | 167132- Renewable Energy Sources, T.E. - Electronics & Telecommunication Engineering | 15/07/2018 |
| BE | 237141- VLSI Design, T.E. - Electronics & Telecommunication Engineering | 15/07/2018 |
| BE | 238112- Digital Image Processing, T.E. - Electronics & Telecommunication Engineering | 01/01/2019 |
| BE | 238152- Nanotechnology, T.E. - Electronics & Telecommunication Engineering | 01/01/2019 |
| Mtech | MTCEE114C- Mobile Communication, F.Y. - Communications Engineering | 15/07/2018 |
| Mtech | MTCEE125C- High Performance Communication Network,F.Y. - Communications Engineering | 15/07/2018 |
| Mtech | MTCEE233A- Advanced Wireless Sensor Networks, F.Y. - Communications Engineering | 01/01/2019 |
| Mtech | MTCEE244B- Digital Image ProcessingF.Y. - Communications Engineering | 01/01/2019 |
| Mtech | MTCEE255D- Research Methodology,F.Y. - Communications Engineering | 01/01/2019 |
| BE | 165311-Industrial Training / EDP / Special Study, T.Y. - Electrical Engineering | 01/01/2019 |
| BE | 127132- Energy Resources and Technology , Final Year - Electrical Engineering | 15/07/2018 |

| | | |
|---|---|---|
| BE | 167141- Industrial Electrical Engineering , Final Year - Electrical Engineering | 15/07/2018 |
| BE | 168113- Power System Design Practice ,Final Year - Electrical Engineering | 01/01/2019 |
| BE | 168151- Flexible AC Transmission System and Power Quality , Electrical Engineering | 01/01/2019 |
| BTech | BTEEE305A- Electrical Engineering Materials , S.Y. - Electrical Engineering | 15/07/2018 |
| BTech | BTEEE406B- Analog and Digital electronics , S.Y. - Electrical Engineering | 01/01/2019 |
| BTech | BTEEOE407-B Introduction to Non-Conventional energy sources , S.Y. - Electrical Engineering | 01/01/2019 |
| Mtech | MTEPS104- High Voltage Power Transmission , F.Y. - Electrical Power Systems | 15/07/2018 |
| Mtech | MTEPS105- Power System Planning and Reliability,F.Y. - Electrical Power Systems | 15/07/2018 |
| Mtech | MTEPS203- Distributed generation and micro grid , F.Y. - Electrical Power Systems | 01/01/2019 |
| Mtech | MTEPS204- Application of Power Electronics to Power System , F.Y. - Electrical Power Systems | 01/01/2019 |
| Mtech | MTEPS205- Energy Management and Auditing , F.Y. - Electrical Power Systems | 01/01/2019 |
| BE | 167132 - Renewable Energy Sources, Final Year - Mechanical Engineering | 15/07/2018 |
| BE | 127144 Automobile Engineering – I, Final Year - Mechanical Engineering | 15/07/2018 |

| BE | 128143 Process Equipment Design,Final Year - Mechanical Engineering | 01/01/2019 |
|----|----|----|
| BE | 128154- Automobile Engineering – II,Final Year - Mechanical Engineering | 01/01/2019 |
| BE | Industrial Training / EDP / Special Study, Third Year - Mechanical Engineering | 01/01/2019 |
| BTech | BTBSE406A - Physics of Engineering Materials , S.Y. - Mechanical Engineering | 01/01/2019 |
| Mtech | MDE14A- Advanced Machine Design, F.Y. - Design Engineering | 15/07/2018 |
| Mtech | MDE15E - Process Equipment Design, F.Y. - Design Engineering | 15/07/2018 |
| Mtech | MDE23A - Vehicle Dynamics,F.Y. - Design Engineering | 01/01/2019 |

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

|  | Certificate | Diploma Course |
|----|----|----|
| Number of Students | 564 | 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 |
|----|----|----|
| No Data Entered/Not Applicable !!! | | |
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## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| Students | Yes |
|----|----|
| Teachers | Yes |
| Employers | No |
| Alumni | Yes |
| Parents | Yes |

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

| Feedback Obtained |
| --- |
| Evaluation is an integral part of engineering education. Teacher's evaluation has come to be known worldwide as a useful input to improve the quality of the teaching. While there are a large number of possible sources of feedback and evaluation data on teaching. In fact, student rating are a necessary source of evidence of teaching effectiveness and obtaining student's feedback is a routine practice in SSGBCOET. We take feedback from students, teachers, alumni and parents. Feedback from students helps to improve the quality of teaching and also contributes in the overall faculty development. A semesterwise feedback form for the teachers evaluation is developed. It is given to students during their mid semester. Students response is analyzed and conveyed to teachers through a meeting for quality improvement. The attendance of the students puts evaluation weight on feedback. Feedback form is collected by Head of Department. Then H.O.D. analyze the feedback collected and then respective suggestions regarding improvement are conveyed to respective staff members and also the feedback analysis is reported to the Dean Academics and Principal of the Institutions. Receiving feedback from students about teaching helps us to identify and meet the needs of our students. It also assists us in improving and further developing teaching. Receiving student feedback in the middle of the semester can help you know what faculty are doing that facilitates the learning of the students and it will help make us aware of any difficulties they may be having with faculty instruction. Apart from this, suggestions from alumni and parents are considered as feedback for overall system improvement. The feedback from teachers about students and curriculum helps in effective development of teaching-learning process. The feedback data is analyzed and suggestions are considered and placed before the Board of Studies also for various departments for discussion and for possible incorporation in the curriculum. |

## 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 | 951 | 112 | 62 | 10 | 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 | Number of | ICT Tools and | Number of ICT | Numberof smart | E-resources and |
| --- | --- | --- | --- | --- | --- |

| Teachers on Roll | teachers using ICT (LMS, e-Resources) | resources available | enabled Classrooms | classrooms | techniques used |
|---|---|---|---|---|---|
| 77 | 77 | 10 | 16 | 0 | 7 |

| 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)

Separate Mentors are appointed for every student. Student can discuss his or her personal problem with them. Problems in relation to academics, hostel or personal issues are addressed by mentor. Feasible solution by considering the realistic condition is sought out after counselling sessions according to need. Students are assured about confidentiality of the discussion. Women Empowerment Cell functions to address and resolve the issues related with female students of the institute. Conducive environment is created so that student can speak and report about any incidence. The Principal, Dean, H.O.D.s, Senior Faculty Members and Wardens are available for them at 24 x 7. All students are made aware that Ragging is an offence and wide publicity is made for awareness.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|---|---|---|
| 951 | 77 | 1:12 |

## 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 |
|---|---|---|---|---|
| 77 | 77 | 0 | 0 | 6 |

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. S.U. Chaudhari | Assistant Professor | Ph.D. |
| 2019 | Dr. A.M. Kute | Assistant Professor | Ph.D. |

| No file uploaded. |
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## 2.5 – Evaluation Process and Reforms

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

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | |

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

Rigorous internal evaluation procedure is adopted by institute to bring satisfactory outcomes in university results. Improving employability and skill

based learning is also one of the outcomes of Continuous Internal Evaluation(CIE) system at the SSGBCOET. Academic calendar in line with university schedule is prepared and distributed among staff and students. Respective subject in- charges prepares teaching plans to ensure effective implementation of academic plan and systematic teaching-learning process. Students performance in practical's is evaluated and improved by performance based monitoring, regularity and make up turns. A yellow book for recording students Continuous Internal Evaluation of practical's is maintained. Make up turn for absent students are arranged for absent students. Timely performance of practical carries good weightage in evaluation. Students are well instructed about CIE system of institute. Timely display of evaluation and taking signature of student is done time to time. Students performance and attendance is regularly monitored. Maintaining 75 attendance is compulsory to students. Performance of underperforming students is conveyed to parents. Steps such as remedial tests, counseling, assignments and question bank are taken to improve performance. This practice helps struggling learners to update their subject knowledge and helps them to catch up with their peers. Unit test (Internal Sessional Examination) and pre university tests are conducted prior to university examinations. Performance in ISE contributes to the final term work marks. Term work marks are given to students on the basis of continuous evaluation carried out throughout the semester. After every ISE, performance is evaluated.

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

The academic calendar in tune with University's academic calendar, is prepared by Academic Dean and published on website before starting of each semester. All Academic activities are strictly implemented and followed as per academic calendar. The academic calendar includes the dates of Internal Sessional examination (ISE), End semester examination, oral examinations, dates of holidays, dates of training sessions other activities. The mid-semester examination paper setting is done at University level and evaluation is done by institutes teachers. The evaluation is strictly done as per model scheme of marking provided by University. The oral practical examination are conducted by panel of university appointed teachers. ISE marks are awarded as per prepublished rules and regulations of the institute. Any student can submit grievance to Head of Department / Dean / Principal in case of unsatisfactory marks. The marks awarded to all students are displayed on notice board for transparency. Regular reporting to Principal and Dean (Academics and Administration) is done by Head of Departments about all academic activities and continuous internal evaluation.

## 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)

http://www.ssgbcoet.com/academics/curriculum-syllabus.htm

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 |
|---|---|---|---|---|---|
| 517019110 | BE | Civil Engg. | 56 | 52 | 90 |
| 517024210 | BE | Computer | 47 | 41 | 87.23 |

| 517029310 | BE | Electrical Engg. | 73 | 61 | 87.14 |
| 517037210 | BE | Electronics & Telecommun ication Engg. | 26 | 20 | 76.92 |
| 517061210 | BE | Mechanical Engg. | 130 | 65 | 50 |
| No file uploaded. | | | | | |

## 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://www.ssgbcoet.com/students-corner/useful-links.htm

## 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 |
| --- | --- | --- | --- | --- |
| Any Other (Specify) | 1 | National Virtual Library of India (Ministry of Culture, Govt. of India) | 6000 | 6000 |
| Any Other (Specify) | 1 | Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India | 5000 | 5000 |
| Any Other (Specify) | 5 | DBATU, Lonere | 225000 | 225000 |
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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 |
| --- | --- | --- |
| One day workshop on Intellectual Property Rights by Prof. I. D. Paul | T and P Cell, SSGBCOET, Bhusawal | 27/02/2019 |
| Workshop on Product | T and P Cell, SSGBCOET, | 07/11/2018 |

| | | |
|---|---|---|
| Design Engineering | Bhusawal | |
| Seminar on Importance of Softskill in Career, Asha foundation Jalgaon by Mr. Girish kulkarni | T and P Cell, SSGBCOET, Bhusawal | 22/01/2019 |
| Seminar on Overseas Job Opportunity, SB Associates, Bhusawal and Pune, by Ms Shriya Bamb. | T and P Cell, SSGBCOET, Bhusawal | 13/01/2019 |
| Seminar on Latest Trends in Career, RajMudra Tech – CAD DESK, 10, Samarth Colony, in Front of M. J College, Near 90 Degree, Jalgaon by Mr. Swapnil Murkute and Mr. Yogesh Aswar. | T and P Cell, SSGBCOET, Bhusawal | 13/01/2019 |
| Seminar onHow to Start your own Business ,Kukbit Startup Lab Pvt. Ltd 307, Valhekar Heights,Valhekar Properties,Narhe, Pune-411041, Maharashtra, by Mr.Pratik Hatzade, Mr Kalpesh Kosalge. | T and P Cell, SSGBCOET, Bhusawal | 15/01/2019 |
| Seminar on MEP as Career by Mr.R.V.Kiran and Ankit. | T and P Cell, SSGBCOET, Bhusawal | 18/01/2019 |
| Seminar on SAP and its Importance in Industry, by Mr. Ravindra Sapkale. | T and P Cell, SSGBCOET, Bhusawal | 27/03/2019 |

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 |
|---|---|---|---|---|
| Accreditation (Accreditated with CGPA of 2.87 ) | Hindi Seva Mandals Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal | NAAC, Bangluru | 27/07/2019 | B Plus Plus |
| Academic Grading to Affiliated/Recognized Institutes | Hindi Seva Mandals Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | 06/04/2019 | A with score of 76 |
| Recognition of Institute as ISO 9001-2015 | Hindi Seva Mandals Shri Sant Gadge Baba College of Engineering and Technology, | Quality Management System | 11/07/2018 | Accreditation |

| | Bhusawal | | | | |
|---|---|---|---|---|---|

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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 |
|---|---|---|---|---|---|
| SSGBCOET, Bhusawal | Akshay D. Joshi and Mohit A. Chaudhari | SSGBCOET, Bhusawal | Technobotics Pvt. Ltd. | Import/Export Services, Manufacturing and Event Management | 15/10/2018 |

| 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 |
|---|---|
| Electronics Engineering (6 students are registered) | 6 |
| Mechanical Engineering (8 students are registered) | 8 |

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

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---|---|---|---|
| International | Civil Engineering | 7 | 5.87 |
| International | Computer Science and Engineering | 16 | 5.96 |
| International | Electrical Engineering | 16 | 3.24 |
| International | Electronics Telecommunication | 8 | 3.44 |
| International | Mechanical Engineering | 25 | 3.8 |
| International | Basic Science and Humanities | 2 | 1.44 |

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|---|

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

| Department | Number of Publication |
|---|---|
| Mechanical Engineering | 1 |
| Electronics Telecommunication Engineering | 1 |
| Electrical Engineering | 2 |

| No file uploaded. |
| --- |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
| --- | --- | --- | --- | --- | --- | --- |
| No Data Entered/Not Applicable !!! | | | | | | |
| View Uploaded File | | | | | | |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
| --- | --- | --- | --- | --- | --- | --- |
| No Data Entered/Not Applicable !!! | | | | | | |
| View Uploaded File | | | | | | |

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
| --- | --- | --- | --- | --- |
| Attended/Seminars/Workshops | 1 | 97 | 2 | 1 |
| Presented papers | 4 | 0 | 0 | 0 |
| No file uploaded. | | | | |

## 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 |
| --- | --- | --- | --- |
| Blood Donation Camp | SSGBCOET, Bhusawal | 3 | 18 |
| No file uploaded. | | | |

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 |
| --- | --- | --- | --- |
| NAAC ACCREDITATION | Accreditated with CGPA of 2.87 | NAAC | 951 |
| ISO Certification | Recognize Institute as ISO 9001-2015 | Quality Management System | 951 |
| Academic Grading to Affiliated/Recognized Institutes | Awarded Grade A with score of 76 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | 951 |
| View File | | | |

| 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 |
| **No Data Entered/Not Applicable !!!** | | | | |
| View File | | | | |

## 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 |
|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | |
| View File | | | |

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

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|---|---|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | | | |
| View File | | | | | |

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 |
|---|---|---|---|
| Civil Engineering Software Academy, Pune | 01/03/2019 | Software training, Placement Assistance, Recent Skill Development in Industry | 90 |
| IIT Bombay | 10/10/2018 | For conducting the ISTE workshop by IIT Bombay IIT Kharagpur Under the National Mission on Education through ICT (MHRD, Government of India) | 59 |
| View File | | | |

## 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 |
|---|---|

| 18 | 17.63 |
|---|---|

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---|---|
| Others | Existing |
| Campus Area | Existing |

No file uploaded.

## 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 |
|---|---|---|---|
| RFID System -Itek library management software | Fully | 2005 | 2005 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|---|---|---|---|---|---|---|
| Text Books | 45765 | 13254653 | 269 | 133845 | 46034 | 13388498 |
| Journals | 41 | 134880 | 41 | 134880 | 82 | 269760 |
| e-Journals | 275 | 699045 | 275 | 699045 | 550 | 1398090 |
| Digital Database | 2 | 0 | 2 | 0 | 4 | 0 |
| CD & Video | 4604 | 50000 | 103 | 0 | 4707 | 50000 |
| Library Automation | 1 | 1007032 | 0 | 0 | 1 | 1007032 |
| Reference Books | 140 | 312064 | 0 | 0 | 140 | 312064 |

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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 &amp; 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 |
|---|---|---|---|
| Dr. G.A. Kulkarni | RRB ALP and Technician Exam | Youtube | 24/07/2018 |

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 | 600 | 19 | 2 | 1 | 1 | 20 | 459 | 60 | 0 |
|---|---|---|---|---|---|---|---|---|---|
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 600 | 19 | 2 | 1 | 1 | 20 | 459 | 60 | 0 |

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

**60 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 |
|---|---|
| Swyaam | http://www.swayam.gov.in/hindi-sevamandalsshri-sant-dadge-baba-college/i/1723 |
| NPTEL | http://www.ssgbcoet.com/students-corner/useful-links.htm |
| MOOCS | http://www.ssgbcoet.com/students-corner/useful-links.htm |

## 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 |
|---|---|---|---|
| 205 | 202.92 | 50 | 48.17 |

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)

Operation, Maintenance and Repair (OMR) of physical facilities such as plumbing, water supply and drainage of institution building, boys hostel, girls hostel is looked after by general works, building works and maintenance committee. Dr. P.P. Bhangale (H.O.D.-Civil Engg.) is the co-ordinator of the same. He looks after the maintenance of college campus and residential campus. Whenever any repair or maintenance is required, the concern H.O.D.s, Boys / Girls Hostel Warden / O.S. write an application to the Principal. The Principal, after due consultation with management, sanction the work and forward it to co-ordinator. After sanctioning the amount by management, the co-ordinator gets the work done with the help of instructors / vendors ,and submits the bill for payment in account section. The maintenance of electrical equipment including fans, lighting, generators, electric supply lines, etc. is looked after by Head of Electrical Engineering Department with the help of three wiremans and two technical assistants. The application of complaints regarding electricity are sent to electric wiremans. The electric wireman discuss the issue with head electrician to resolve the problem . Any purchasing required is put up with management with approval of Principal. The maintenance of laboratories is carried out by concern laboratory incharge and lab. assistants. The laboratory incharge put up the matter with H.O.D. H.O.D. takes sanction from Principal and Management and get the maintenance work done with the help of laboratory assistant / vendor. The consumable stock register is maintained in the department. The purchasing of the consumable items such as

oil, glassware, chemicals, etc. is done after getting final approval from principal and management. At the start of every semester, cleaning and oiling of all machineries is carried out. The maintenance of library is done by librarian under the guidance of Library Committee. The co-ordinator of library committee look after the maintenance of library, such as book binding, pest control, dead stock verification, etc. Central library book bank facility for first year student S.C. / S.T. Student and Topper students. centre library having online e-resources facility. library maintains updates with all intellectual material required to in all case research and development culture in SSGBCOET, according to latest trends The maintenance of computing equipments of the institution is looked after by System Administrator, Shri U.S. Wani. Any maintenance required for computers, printers, scanners, LAN, LCDs, is done by him with the help of two lab assistants. Peons looks after the cleanliness of departments, under the monitoring of lab assistants. Activities related with sports are coordinated by Mr. Y.M. Joshi (Sports Officer).

http://www.ssgbcoet.com/facilities/central-library.htm

# 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 |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| 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 |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| 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 passedin the comp. exam | Number of studentsp placed |
|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

### 5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---|---|---|---|---|
| Nameof | Number of | Number of | Nameof | Number of | Number of |

| organizations visited | students participated | stduents placed | organizations visited | students participated | stduents placed |
|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

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 |
| Civil Services | 2 |
| No file uploaded. | |

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

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

## 5.3 – Student Participation and Activities

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

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

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

Students Council Committee is in place with an objective to make the students participation in the development of the institute, along with personality and career of the students through different activities and initiatives. To groom leadership, interpersonal problem solving capacity, dispute resolving ability and participative personality of students council gives good representation to students on different committees and bodies of the institution. This helps in sound development of institutional system. One advisor from faculty is appointed for Student Council Committee. The toppers of all classes are selected as members of this committee. Refusal by topper leads to leadership chance to successive topper. Equal representation is given to girls on the committee. Cultural Secretary, Sports Secretary and Magazine Secretary is selected amongst of all representatives of classes. This provided the common platform to students for co-curricular and extracurricular activities. One unanimously selected member of Students Council represents the institute at University level. University Representative can discuss the various issues of students problem related to the examination with Controller of Examination,

Registrar and Vice-Chancellor. Students have been given presentations on academic bodies like Anti-Ragging Committee. It is the responsibility of all committee members to do positive counseling among students, to prevent the ragging in the Campus. Students issues resolving mechanism is in place. Any grievances regarding academics, administration and personal matters can be conveyed to Head of the Departments, Dean Academics and Principal. Responsibilities of Students Council Members :- 1) Helping to Implement transparent and students conducive academic system in the institution 2) To discuss and resolve the common problems of students in consultation with faculty advisor 3) Serve as a liaison in bringing issues / suggestions / feedback to the administration 4) Maintaining discipline in campus with positive counseling 5) Imbibing importance of code of conduct and ethical behaviour in the campus 6) Helping to carry institutional goals, policies and objectives amongst students 7) Collaborate with students to co-ordinate events to enhance students participation 8) Suggest, develop and implement solutions to problems related to campus life

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of SSGBCOET is registered under the Societies Registration Act with The Assistant Registrar of Society, Government of Maharashtra. Registration Number is MAHA/20844/Jalgaon/0000047/2019. This association works to facilitate, consolidate and coordinate Alumni Activities at the institute. One of the objectives of this association is to interact with the alumni at least once in a year. Association arranges different programmes and also plans events so that we can interact with alumni and can have their inputs about institutional development. The Interaction involves, taking Alumni Feedback and making the current batch aware of Industrial needs and where they have to update and upgrade themselves. It also provides alumni with the opportunity for social and professional networking and career development. Another purpose of Alumni association is to foster a spirit of loyalty and to promote the general welfare of SSGBCOET. Alumni association works to achieve lifelong objectives of mutual beneficial relationship between alumni and the institution. Alumni association works to support SSGBCOET goals, and to strengthen the ties between alumni, and Institution. It develops alumni activities that encourages fellowship among alumni and boost the physical, moral, and spiritual growth of the Institute. Activities of association continue the process of life-long learning and sharing Knowledge and Ideas and opportunities in career. It strengthens ties between Institution and alumni. Alumni association will work in long run to establish a bridge of valuable services to enhance lives and careers of SSGBians. SSGBCOET Alumni association works, 1) To promote highest standards of education through mutual experience sharing and fostering the culture of brotherhood 2) To update existing students with industrial needs and continuing education 3) To identify placement opportunities using established contact of alumni 4) To create lifelong and worldwide community of SSGBians 5) To create technical ambassador who can carries institutional good practices in society and industry

5.4.2 – No. of enrolled Alumni:

2124

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

## 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)

1. At our institute, we believe that, decentralization is having a significant impact on policy, planning and management of the institute to build healthy teaching-learning process. At various levels, the college grooms the leadership. Governing body, Management, Principal, Dean, IQAC Committee, teaching staff, non-teaching staff, supporting staff, student's union, student representatives, Stakeholders, Alumni and various committees jointly empowered to propose, design, formulate and execute their plans within the frame work of governance. The different committees, starting from academic committee to woman's empowerment cell to administrative committee are working in coordination to achieve academic excellence. Identifying the different qualities in individual staff members, different committees are formed for the smooth running and over all functioning of the college. Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal consults with the Dean, HOD's and Teachers of different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college. Disseminating the power and work is one of the best practice adopted at our institute. 2. Another best practice adopted at the institute for participative management is representation to students on different committees. Even decentralization of the infrastructure is carried out by establishing students laboratories, viz., Blanka Botz, Gaj Cyborg and Gear Labs. These students laboratories working under multidisciplinary research committee is the platform provided by SSGBCOET to improve participative management and decentralization. This unique practice is showing colours in terms of improved confidence of students and laurels won at national and international level.

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

No

### 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 | 1] The admissions of the students are followed as per rules and regulation based on the Affilated University norms and Centralised admission procedure conducted by DTE Mumbai 2] College Admission Committee is formed and works under the guidance of Principal 3] Committees from each department are framed to councils the students regarding their programs or course 4] Fees structure is decided by Shikshan Shulka Samiti, however fellowship if any is given by to eligible student by College admission committee on its recommendation 5] Institute is working as Application Receiving Centre |

| | |
|---|---|
| | (A.R.C.) and Facilitation Centre of State Government of Maharashtra to coordinate centralized admission procedure of DTE, Mumbai |
| Human Resource Management | 1] The institute is having training and placement cell. This cell coordinates the activities related to human resource management. The cell is constituted as training and placement officer as its head and staff member from each department as its coordinator. Students also volunteer the activities of this cell 2] HR Programmes for staff and students are arranged regularly by training and placement cell 3] The Institute is keen on human resource qualities of staff. Due procedure is followed and efforts are taken on inculcating HR qualities. Institute appoints adequate number of qualified faculty through the procedure of open advertisement and interview by expert committee 4] Institute regularly organizes various FDP programmes for both teaching and non-teaching staff members for upgrading their skills in the latest technology 5] Medical leave provision is given to the faculty and staff members based on the request 6] Duty leave is provided for academic work, attending FDP courses/seminars/conferences/ workshops and exam duties 7] The faculty and staff members are entitled to avail summer and winter vacations, casual leave and compensation leave 8] Principal in coordination with Dean-Academics and Administration, HOD's, Training and Placement Officer and Office Superintendent looks after Human Resource Management |
| Research and Development | 1] Institute cultivates culture of research and development by promoting participation and by hosting technical workshops, faculty development programme and short term training programme 2] Two research laboratories are established in the institute 3] Encouraging faculty to organize, attend and present papers at state/national/international conferences and seminars 4] Faculty members and students are motivated to publish their research papers in reputed national and international journals / conferences 5] The institute works in close loop with industries to |

| | |
|---|---|
| | train the students and identify the research problem 6] Dedicated Laboratories are availed to students and staff for research and development activities in emerging trends like Robotics, etc. |
| Curriculum Development | 1] The college has Academic committee for proper execution and for effective implementation of curriculum. 2] Value added and Add on courses, according to recent trends in industry are conducted regularly. 3] Institute follows state technical university curriculum. Staff members actively participate in syllabus setting workshops and regularly sends suggestions for syllabus changes. 4] Staff members of the institute are holding responsible academic positions in the affiliating universities and they take active part in development and effective deployment of the curriculum. 5] Academic committee in tune with class teachers and subject teachers has developed innovative academic evaluation system for productive and effective deployment of curriculum. Outcomes of this system are proved from number of university gold medals and ranks achieved by our students. |
| Teaching and Learning | Effective teaching and learning is implemented with the help of following steps :- 1] The Academic Committee looks after effective implementation of teaching-learning process and its evaluation for productive outcomes. 2] Faculty Development programs (FDPs), Student Centric Method as well as Innovative Teaching methodologies are used to develop overall strength of student as well as staff. 3] Each department is promoting the quality enhancement activities in academics through arranging Workshop, Conference and Seminar on different subjects. 4] The internal and continuous assessment is done as per guidelines issued by the affiliating University. 5] Academic committee develops, designs academic calendar every year. 6] Development of teaching plan as per Syllabus CO PEO mapping 7] Use of e- learning resources. 8] Provide mentoring and personal support 9] Follow a transparent and fair feedback system 10] Conduct training based on need analysis 11] Continuous assessment to |

| | | measure outcomes. |
|---|---|---|
| | Examination and Evaluation | 1] End semester examination is conducted by affiliating university. For effective evaluation on-screen evaluation methodology is adopted. As a transparency towards examination and evaluation, revaluation and redressal scheme are offered by university. Students can ask for photocopy of answersheet also. Remedial exams are also conducted. Mechanism for solving exam related grievances also exists 2] Examination committee is established in order to ensure smooth conduction of examination 3] Institute conducts internal sessional and mid-semester examination, according to university rules 4] Internal marks are allotted based on the mid semester Examination and the student's attendance Percentage. Theory and practical examinations consists of two components Namely, External evaluation 5] Remedial classes and Counselling are providing for slow learners |
| | Library, ICT and Physical Infrastructure / Instrumentation | 1] Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. 2] The Library housekeeping operations are automated through RFID Infotek Library Management Software 3] The Library has subscription to IEEE, Science Direct, DELNET, National Digital Library, Swayam, Shodhganga, NPTEL through which teachers Research Students can access download many E-resources in respective subject Library Collection : • Total Books – 45765 • Total Journals/Periodicals – 41 • E-Journals – 275 • Total Newspapers – 12 • Educational CD/DVD – 1597 • NPTEL Video – 4604 4] Total 23 computers in Central library are connected with access to internet of 60 MBPS Bandwidth of leased line connection. However it can also be accessed anywhere in the campus 5] Staff members and students of the institute uses ICT in effective manner to strengthen teaching-learning process 6] State of the art physical infrastructure with ultramodern facilities is available. This well illuminated and airy infrastructure is utilized in effective way |
| | Industry Interaction / Collaboration | The college have signed MoUs with different industries to enhance Industry-Institute Interaction |

| | activities like industrial visits, in-hand trainings, value added courses, guest lecturers etc., for the professional development of students and faculties. |
|---|---|

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

| E-governace area | Details |
|---|---|
| Planning and Development | The administration of the institute uses different e-governance tools for planning and development. The Vision and Mission Statement is uploaded on the institutional website. For academic planning and development, optimum use of institutional and university's website is done. Softwares like Primavera, KATIA, Autocad, Rational Rose, etc., are used for project planning and development. Perspective plan of the institute is uploaded on the website. SMS Gateway Platform is used timely for conveying actions to be implemented for planning and development. E-mail/Watsapp are also used according to need. |
| Administration | The policies related to administration are conveyed to students, staff and stakeholders are conveyed through website. Important notices are frequently displayed on notice-board section of institutional website. Attendance of employees is marked with the help of biometric attendance system. RFID System in Central Library, Leaving Certificate Software in Administrative Office, University, AICTE DTE website are also used for effective administration. |
| Finance and Accounts | The college uses the Talley software 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 account section of the institute gives flexibility to use e-wallet / swap / net banking and other electronic platform for transaction. MAHADBT Portal is used to keep track of financial transactions related with students scholarship. |
| Student Admission and Support | Students admissions are controlled by State Common Entrance Test Cell, Maharashtra State. Admissions are based on candidate's score in common entrance test. Institute uses |

| | http://cetcell.mahacet.org/ , http://www.maha-ara.org/ara/index.php , http://www.dtemaharashtra.gov.in/index.html , https://aicte-india.org/, www.admission.dbatuapps.in , www.nmuj.digitaluniversity, links for students admission and support. Academic and Examination related support is provided to students by using institute's and university's website. |
|---|---|
| Examination | Most of the examination related work is controlled by e-governance. Faculty assigned for paper setting uses password based university's web-link for setting of question papers. Important messages from university are conveyed to institute as well as individual staff members by software system like OAASIS and by e-mail. Photocopy of answer sheet and revaluation results are availed to students in their login and by e-mail. Onscreen evaluation system is used for evaluation. |

## 6.3 – Faculty Empowerment Strategies

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

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

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

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|---|---|---|---|---|---|---|
| 2018 | koha library Automation | - | 12/10/2018 | 12/10/2018 | 32 | 0 |
| 2018 | Product Design Engineering | - | 07/11/2018 | 11/11/2018 | 54 | 0 |
| 2018 | - | Training on Professional Ethics | 03/10/2018 | 03/10/2018 | 0 | 22 |

| 2018 | -- | Workshop on Servicing and maintenance | 11/08/2018 | 11/08/2018 | 0 | 12 |
|------|-----|-----|------------|------------|---|----|
| 2019 | One day workshop on scilab | -- | 04/05/2019 | 04/05/2019 | 24 | 0 |
| 2019 | One day workshop on R Software | -- | 09/11/2019 | 09/11/2019 | 28 | 0 |

**No file uploaded.**

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

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|-----|-----|-----|-----|-----|
| **No Data Entered/Not Applicable !!!** | | | | |

[View File](#)

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

| Teaching | | Non-teaching | |
|-----|-----|-----|-----|
| Permanent | Full Time | Permanent | Full Time |
| 77 | 77 | 90 | 90 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|-----|-----|-----|
| 1. Management contributes its share in Employees Provident Fund Scheme for teaching and nonteaching staff members. 2. No tution or development fee is charged for childrens of staff members for studying in our institute. 3. Paid maternity leave is granted to women staff member. 4. Financial assistance is given to the staff in case of any medical emergency. 5. Earn Leave and Compensatory Leaves are sanctioned for faculty members for attending duties on holidays. 6. C.L., M.L., D.L. and V.L. are given to staff | 1. Management contributes its share in Employees Provident Fund Scheme for teaching and nonteaching staff members. 2. No tution or development fee is charged for childrens of staff members for studying in our institute. 3. Paid maternity leave is granted to women staff member. 4. Financial assistance is given to the staff in case of any medical emergency. 5. Earn Leave and Compensatory Leaves are sanctioned for faculty members for attending duties on holidays. 6. C.L., M.L., D.L. and V.L. are given to staff | 1. Student group insurance at university. 2. Fellowship for student 3. Financial assistance is given to the students for participating at various technical competitions |

| members, as per College rules. | members, as per College rules. | |
|---|---|---|

## 6.4 – Financial Management and Resource Mobilization

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

The Institution has internal and external financial audits regularly. The Main objective of Internal Audit is to detect errors and omissions in record keeping. It is a best practice to track flow of fund and it helps to understand optimum utilization of fund. Institute has a separate account department. Accountant conducts an internal audit every month. Under the internal audit, vouchers (Cash Expenses Voucher, Cash Received Receipt, Bank Receipts and Purchase Voucher) bank account statements and all financial records are verified. Accountant is responsible for maintaining the record of each and every financial activity by generating required documents in a standard format. Students fees register, Staff Salary Register, Cash Book, etc., are maintained and updated on daily basis by using Tally Software. Certain precautions are taken by the accountant like keeping all the records as per regulation, expenditure are incurred within the valid sanction by the authority by ensuring of availability of funds as per budget. Internal audit report is presented to Principal and Hon. Chairman at the end of every financial year before conducting external audit. The Institution also has external financial audits which are conducted by Chartered Accountant of the institute at the end of every financial year. During the last five years of external audit, no major objections were found in audit report. Following is the procedure adopted by accountant to settle external audit objections:- 1) Accountant responds to the auditors objections within stipulated time by providing required information/ documents. 2) Accountant complies with advisory remarks of auditor (if any), Pertaining to:- a) Record keeping system. b) Format of documents c) Non compliance to the execution of financial transactions in audit report, if any.

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 |
|---|---|---|
| 00 | 0 | 00 |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

| 79424917 |
|---|

## 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 | NAAC,LIC ,ISO | Yes | Academic Committee of Institute |
| Administrative | Yes | NAAC,LIC ,ISO | Yes | Administrative Committee of Institute |

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

> 1. Parents Teachers Orientation Program. 2. Accepting Suggestions, Evaluation and Progress 3. Continuous support activities for institutional improvement

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

> 1. Interaction with institute of eminence 2. Programmes for physical and mental health improvement 3. Social Awareness Program

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

> 1. Reformation of IQAC and strengthening 2. Faculties are encouraged to upgrade the qualification and skills 3. Efforts for improving Industry-Institute Interaction are initiated.

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 | Yes |

6.5.6 – Number of Quality Initiatives undertaken during the year

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

# CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

**7.1 – Institutional Values and Social Responsibilities**

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

| Title of the programme | Period from | Period To | Number of Participants | |
|---|---|---|---|---|
| | | | Female | Male |
| Social Awareness Programme on Swachha Bharat Abhiyan, Beti Bachao Beti Padhao Abhiyan, Women Empowerment, etc. | 13/08/2018 | 13/08/2018 | 28 | 67 |
| Achieving Balance in Thoughts and Life through Yoga | 18/08/2018 | 18/08/2018 | 25 | 43 |
| Meditation for inner strength | 25/08/2018 | 25/08/2018 | 45 | 18 |
| Female Foeticide | 29/08/2018 | 29/08/2018 | 91 | 0 |

| | | | | |
|---|---|---|---|---|
| Awareness Programme | | | | |
| Legal Rights of Women | 26/10/2018 | 26/10/2018 | 60 | 0 |
| Respecting Women through Taekwondo | 11/01/2019 | 11/01/2019 | 62 | 12 |

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) Water Conservation with the help of ground water recharge system. (2) Green Campus and Green Audit Initiatives. (3) Initiating the idea for implementation of temperature controlled solar mud houses using locally available materials. (4) Emphasis on using LED Bulbs. (5) Emphasis on minimum usage of air conditioning equipment. |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|---|---|---|
| Ramp/Rails | Yes | 1 |
| Rest Rooms | Yes | 30 |
| Scribes for examination | Yes | 1 |
| Provision for lift | Yes | 14 |
| Physical facilities | Yes | 1 |

7.1.4 – Inclusion and Situatedness

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

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

| Title | Date of publication | Follow up(max 100 words) |
|---|---|---|
| Human Values and Professional Ethics Code of conduct | 16/07/2018 | At SSGBCOET, we believe to respect human values. Code of Conduct and Professional Ethics, both plays important role for self-development of students and employees. Different activities and programmes arranged throughout the academic year aims to respect human values and developing professional ethics by obeying code of |

conduct in the institute. Syllabus also contains subjects like, Basic Human Rights and National Social Services. Links are given below :- (1) http://www.ssgbcoet.com/academics/code-of-conduct.htm (2) http://www.ssgbcoet.com/academics/core-values.htm (3) http://www.ssgbcoet.com/academics/professional-code.htm

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

| Activity | Duration From | Duration To | Number of participants |
|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | |

View File

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

1. Students, staff using Bicycles 2. Students, staff using Public Transport 3. Pedestrian friendly roads 4. Plastic-free campus 5. Distribution of cotton bags (oven bags) 6. Paperless office 7. Green landscaping with trees and plants 8. Use of printing stationary on both sides

## 7.2 – Best Practices

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

Best Practice - 1 Title of Practice: Cultivating the sense of multidisciplinary approach in students for bridging the gap between Industry and Academics. Objective: Involving students in practical learning to get real-time industrial experience and international exposure. Context: Institute follows method of project-based learning. Minor and major projects, practical case studies, national / international participation in technical events and co-curricular activities are covered in this context. The Process: To give our students the right balance of abstract and concrete understanding, we constantly provide more interaction of industry and industry experts, Entrepreneurs with students. We arrange industrial visits every year and guest lecturers of industry or service expert persons for our students regularly. Dedicated faculty looks after effective implementation of the technical ideas of the students as minor and major projects. Apart from this a multi-disciplinary cell is constituted in the institute to bring the sense of the multi-disciplinary skills among students. Dedicated technical working space is avail to students 24 by 7, to test their multi-disciplinary research skills and do research and development in the emerging trends according to curriculum and industrial needs. Evidence of Success:The continual effort for bridging the gap between industry and academic is showing colours slowly. Teachers are observing increased maturity in students during discussion and selection of topics for projects and seminars. Student's participation in technical events at national and international level is increased. Many students from SSGBCOET have won laurels at national and international level. Success on placement side is also on higher level. Best Practice - 2 Title of Practice: Inculcating the sense of social responsibility along with improvement in technical skills for overall development. Objective: To develop the sense of coherent social responsibility in budding engineers and strengthening their capability to apply technical skill for social development. Context: Coherent development, application of technical skills to address social needs / problems and participative leaning

are covered in this context. Students participate in various activities like Tree plantation, Blood donation camp, Awareness campaign dealing with recent social issues like Beti Bachaoo Beti Padhaoo Abhiyaan, Swaccha Bharat Abhiyaan- Importance of Cleanliness, Women Empowerment, Water Conservation and Protection, Energy Conservation and use of Non-conventional Energy Sources, Effects of Technology in Education. Undertaking study and projects to address local issues and their real time solutions are also part of this endeavour. Process : i) Social awareness camp about various social issues through Poster Presentation, Road Play, Poster Exhibition, etc. among school students residing nearby region of Bhusawal city. ii) Institute expands its environment conscious practices outside the campus through Tree Plantation, Marathon, Walkathon, Distibution of cotton bags to make plastic-free city in collaboration with different enterprenurs and sponsors. On the occasion of Sant Gadge Baba Punyatithi on 20th December, students and staff creates awareness about cleanliness through Bhajans and Kirtan amongst people every year. iii) Technical events are organized to improve professional and technical skills of students to enhance their employability. iv) Various student associations such as CESA, FESA, COMPSA, MESA, ECSA and EESA are actively organizes Technical and non - technical events like Future Technocrats, Techzealot,. v) Some activities of multidisciplinary research cell also contributes on this side. Evidence of the Practice: 1) Arranging educational, health and social issues awareness programmes on 20th December every year. 2) Participation in Swachha Bharat Abhiyaan, Beti Bachao Abhiyaan, etc. 3) Implementation of Solar Mud House. 4) Implementation of Robot for collection and separation of garbage. 5) Efforts of the institute are well appreciated on different platforms of media and government statutory bodies.

| Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link |
| --- |
| http://www.ssgbcoet.com/ssgbcoet-data-files/bestpractices.htm |

## 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

Institutional Distinctiveness: Vision of the Institution is to mould and empower students in the pursuit of knowledge, values and social responsibility and help them achieve excellence in various fields, thereby enabling them to tackle local to global issues and challenges. The Institute has established its distinctive approach towards this comprehensive Vision by modelling it in the form of service to the society, by means of different activities or by allowing the students to organize and participate in events to develop their skills, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. The institute provides a platform to develop their creative ideas into commercially viable products. Facilitates the students to work on innovative project ideas based on emerging trends of technology. Efforts are carried out in following major areas: a) Skill Development: The Institution arranges skill enhancement programs to develop their skills for example – Personality development, Employability skill development, Entrepreneurial development, Language skill development etc., b) Projects: Students at the UG and PG degree courses take up Internships in industries and pursue their projects which give them hands on training in their field of interest. c) Entrepreneurial Development: T P Cell efficiently works on generating the excitement in the young minds to produce innovation and thus laying the stones for entrepreneurship. Budding entrepreneurs are motivated for start ups and thus are self-sufficient and independent financially and can

either support their education or family. d) Multidisciplinary knowledge: Efforts are taken to enhance the multidisciplinary knowledge of the students to boost their employability and entrepreneurial skills. Distinctiveness of SSGBCOET can be identified by laurels won by the students of SSGBCOET. Robotics teams of SSGBCOET have proved their professionalism at national and international level. Distinctiveness of the institute is well notified on the platforms of different institutes of eminence and government statutory bodies.

| Provide the weblink of the institution |
| --- |
| http://www.ssgbcoet.com/ssgbcoet-data-files/institutationaldistinctiveness.htm |

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

The plan of action for next academic year is divided into following steps :- (1) Organize training and lectures for the students for soft skills training and competitive examinations guidance (2) Identifying all the possibilities for strengthening industry- institute relationship (3) Increase the placement of the institute (4) Encourage faculty for Ph. D. (5) Provide research grant to faculty and students (6) Encourage students for startup activities (7) Motivate students for innovation and creation (8) Making students ready to apply for Vishwakarma Awards, Startup Awards etc (9) Increasing participation of students in different technical competitions like e-yantra, avishkar, Techfest etc. (10) Starting of skill India programmes (11) Strengthen of the use of ICT in teaching. (12) Strengthening of Research Centre (13) Increasing participation in different professional, co-curricular courses (14) Involve more faculty members and students in research activity (15) Number of students benefiting from scholarships/schemes for economically and socially challenged students will be enhanced (16) Student support and progression: more focus will be put on the overall development of the students by encouraging them to participate in various cultural, co- curricular and sports activities along with academic involvement.