



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		THE OXFORD COLLEGE OF ENGINEERING
Name of the head of the Institution		Dr. Praveen Gowda
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08061754600
Mobile no.		9740254828
Registered Email		engprincipal@theoxford.edu
Alternate Email		n.kannan.k@gmail.com
Address		10TH MILE STONE, BOMMANAHALLI, HOSUR ROAD
City/Town		Bangalore
State/UT		Karnataka
Pincode		560068

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Urban</b>
Financial Status	<b>Self financed</b>
Name of the IQAC co-ordinator/Director	<b>DR. MALLIKARJUN K</b>
Phone no/Alternate Phone no.	<b>08061754612</b>
Mobile no.	<b>9740254828</b>
Registered Email	<b>engiqac@theoxford.edu</b>
Alternate Email	<b>engadmin@theoxford.edu</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://theoxfordengg.org/pdf/page3/AQAR_2017-18.pdf">http://theoxfordengg.org/pdf/page3/AQAR_2017-18.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.theoxfordengg.org/pdf/2018-19/Academic%20Calendar.pdf">http://www.theoxfordengg.org/pdf/2018-19/Academic%20Calendar.pdf</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B</b>	<b>2.35</b>	<b>2014</b>	<b>05-May-2014</b>	<b>04-May-2019</b>

<b>6. Date of Establishment of IQAC</b>	<b>17-Aug-2011</b>
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**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
<b>Placement Fair activity</b>	<b>04-Dec-2018</b>	<b>703</b>

organized	17	
Purchased 360 textbooks, 40 Reference books worth of Rs.264368-	28-Mar-2019 1	20
3 Equipments purchased-Up gradation of Mentor Graphics, Consumables, servicing, Basic Electrical Engg Lab Setup worth of Rs. 7,17,067	30-Mar-2019 1	11
IPR- Training program organized in association with VTPC, Bengaluru - Innovation Management and Teaching Pedagogy	30-Jul-2018 1	40
One day Electrician, Plumber & Gardener awareness programme conducted for support staff	15-Mar-2019 1	10
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
TOCE/ ECE/ Dr.Preetha Saran	KSCST	KSCST	2018 270	7000
TOCE/ ME/ Prof.Anup M Upadhyaya Prof. Vidhyadhar Pujar	KSCST	KSCST	2018 270	4000
TOCE/ ME/ Prof. Raghavendra N	KSCST	KSCST	2018 270	6000
TOCE/ ME/ Prof. Shivasheshadr	KSCST	KSCST	2018 270	10000
TOCE/ CSE/ Dr E Saravana Kumar	Vision Group of Science Technology	Vision Group of Science & Technology	2018 365	500000
TOCE/ ISE/ Dr R.Kanagavalli	KSCST	KSCST	2018 270	5500
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
4. Faculty Development Training Programs conducted for teaching and non-teaching staff	
5. Worked extensively towards academic excellence which resulted into better performance of students in university exams.	
1. IPR Activities Conducted	
2. Feedback collected analyzed and action initiated on the basis of analysis report	
3. Students were helped financially through scholarships from government departments	
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<b>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</b>	
Plan of Action	Achievements/Outcomes
Rigorously implement different extension activities, involving NGOs and NSS and motivate students to participate in these activities	Five activities conducted in co-ordination with NSS Unit, 54 Faculties and 263 students participated in these activities.
Strengthening the slow and advanced learners mechanism and also the mentor and mentee activities	Slow learners and Advance learners are identified, required remedial classes conducted for slow learners and different opportunities like, attending workshops/seminars, presentation of papers was provided to advance learners. Mentor mentee regular interaction took place with all the

	mentors involving parent's interaction wherever required.
Focus on strengthening internships, field visits and project work	During the year 832 students completed Internships. 272 students were taken for field visits and 837 students conducted project work
To implement value added courses and Add on certificate courses	21Value added and 17Add on Certificate courses conducted in which -1799and 984number of students enrolled respectively
Conduct Student Satisfaction Survey on overall performance of the institution and collect feedback on syllabi/curricula from all the stakeholders	Student Satisfaction Survey was conducted 519 students responded Feedback was collected from Teachers, Students, Employer and Alumni. As per the feedback analysis and suggestions given by stakeholder' sanction initiated.
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Council	18-Jun-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2019
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Date of Submission	01-Feb-2019
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The MIS in use by the institution is Eazycollege (www.eazycollege.in) and has been operational for the past 2 years. It has the following features • Student and Faculty registration: all students and faculty are registered for the program at appropriate level and are given a username and password. • Subject to year of study mapping: All the courses per program including laboratories and projects being offered during the current semester are
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enabled. • Faculty to courses mapping: Faculty are mapped to the course they are delivering during the Current semester • Student to courses mapping: Students are mapped to all relevant courses as per curriculum. Attendance entry subject wise: After conduct of a lecture/lab session the faculty updates the attendance. • Posting of text material, videos, audio etc are done: before the start of semester course wise resources including syllabus, past question papers etc., are made available and updated during the delivery as appropriate. • Marks obtained in various assessments are also posted here. • Parents are given access to monitor the progress of their wards. • SMS messaging facility is available either in broadcast/customized mode. • It is a multiplatform application available on mobile phones as an app or accessible using a web browser. • Calendar, Dashboard of overview is available from user perspective. Usage of MIS has extended the learning experiences of the students and has had a significant effect on outcomes like attendance, performance, activities etc.

2)Administrative domain • Email accounts have been setup for staff members. All the important circular and notices are uploaded in MIS. • Online application form or eform can be downloaded for admission. • Online Exam Fee payment facility is available in the college website <http://www.theoxford.edu> where student can login and pay their exam fee. • Evidya facility can be accessible through INTRANET in our campus using web browsers. The oxford college of engineering provides this service since 2009. • EVIDYA is useful for various educational purposes. EVIDYA allows hosting and serving ondemand highquality Video streaming content and other webbased educational content to thousands of users over our campus network. The Software is specially designed for deployment of multimedia content from the NPTEL Programme in India. It supports open standard compliant content sourced from other channels and local content produced by a deploying institutionVidyais a custom designed using proven open source

technologies to support the following:NPTEL media content (129 courses)VTU media content (50 courses)Advanced Web 2.0 content management and community managementMoodleLMSEducation content in Java, Solaris, Etc., of sun microsystem. • The Software is hosted on SUN T512 Blade server which is specially designed for high end web hosting servers on sharing environment. The Server has 3 Terra Bytes (More than3000 GB) of Video Detain it and has the total storage capacity of 9 TB on.Both Students and Faculties can avail this facility. Main Advantage is It has separate access features for faculties, students, research fellows, researchersof various branch, department or stream. • Tally software is used for Staff Payroll and salary processing effectively.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

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

The Oxford College of Engineering (TOCE) is affiliated to Visvesvaraya-Technological-University (VTU), Belagavi. It offers academic programmes of high quality in ten UG programs including B-Arch. For the Post Graduate programs there are ten M-Tech programs, MBA, MCA and Research Programmes (Ph.D.) in twelve disciplines. The College adheres to the Curriculum and Syllabus prescribed by the university. The Principal conducts meeting with the Heads of Departments before the beginning of every semester to finalize various strategies for effective implementation of the curriculum. Academic Calendar is prepared by the Committee based on VTU Academic Calendar. The calendar contains the details of academic and Co-curricular events planned for the entire academic year. The details of date of commencement of the academic session, duration of semester, internal assessment tests and final semester examinations are also taken care in the curriculum. The Time-table is prepared by the Committee as per the teaching schedule of the University. The faculty along with HODs conduct their internal meetings and develop academic plans, lesson plans, and course files for the ensuing semester-wise academic planning. The departments systematically design and develop action plans for effective implementation of the curriculum. Action plan: • The lesson plans are prepared according to the curriculum and College Time-table is prepared for each semester. • The syllabus coverage and course delivery are monitored continuously based on the lesson plans by the Review Committee and the discrepancies found if any intimated to HODs for redressal. • PEOs, POs, PSOS and CSOs are defined in all the Programs/Courses. The Faculty is encouraged to complement conventional teaching methods with innovative teaching strategies such as presentations, assignments, discussions, workshops, seminars and industrial visits. Expert Lectures, NPTEL lectures, extensive use of ICT tools and other pedagogical practices play an important role in achieving desired

COs. • The attainment of COs, POs and PSOs is measured by direct and indirect tools. • To bridge the gap between the industry requirements and curriculum, the college has introduced Workshops, Guest Lectures, Seminars, Conferences, Paper Presentations, Soft Skills Training Programs Add-on/Certificate programs to enable students acquire market-relevant skills. • Academic audit is held at department and institution level to maintain efficacy. • The student's feedback is obtained on faculty, content delivery and course outcomes to improve teaching learning process. • The result analysis is conducted after every semester. • Remedial classes are held for slow-learners to ensure their excellent academic performance. • Standard operating procedure is followed in labs. • The institution organises various extension activities to instil social responsibility amongst students. • Minimum of three/four tests per semester are held to prepare the students for final exams. List of supporting Documents: 1. VTU Academic Calendar 2. College Academic Calendar 3. Department Academic Calendar 4. Lesson plan 5. Department minutes of meeting 6. Course file with Time table 7. Internal Assessment Question papers 8. Scheme of Evaluation 9. Expert lectures conducted 10. Tutorial classes conducted 11. Academic audit reports 12. A record of past university examinations and internal marks.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Big Data with Python IOT(Technical Training)	0	25/02/2019	30	Employability	Nil
Cyber Security(Technical Training)	0	25/02/2019	30	Employability	Nil
BIG DATA and IOT Training(Technical Training)	0	25/02/2019	30	Employability	Nil
Skill Development	0	03/10/2018	30	Employability	Skill development
Automation on PLC SCADA, LV Switchgears and Drives(Technical Training)	0	18/02/2019	30	Employability	Nil
Soft Skill Training Program	0	10/03/2018	30	Employability	Skill development
Next Generation sequencing technologies(Technical Training)	0	18/02/2019	30	Employability	Nil
soft skill Aptitude	0	03/10/2018	30	Employability	Skill development



training					
SPSS(Technical Training)	0	18/02/2019	30	Employability	Nil
Data Analysis(Technical Training)	0	03/10/2018	30	Employability	Nil
Python, Machine Learning(Technical Training), Machine Learning	0	18/02/2019	30	Employability	Nil

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
<a href="#">View File</a>		

### 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	Computer Science Engineering	01/08/2018
BE	Information Science Engineering	01/08/2018
BE	Mechatronics Engineering	01/08/2018
BE	Civil Engineering	01/08/2018
BE	Electrical Electronics Engineering	01/08/2018
BE	Automobile Engineering	01/08/2018
BE	Biotechnology Engineering	01/08/2018
BE	Electronics Communication Engineering	01/08/2018
BE	Mechanical Engineering	01/08/2018
Mtech	Computer Science Engineering	01/09/2018
Mtech	Computer Network Engineering-ISE	01/09/2018
Mtech	Structural Engineering-Civil	01/09/2018
Mtech	Electrical Power Electronics Engineering-EEE	01/09/2018

Mtech	Automobile Engineering	01/09/2018
Mtech	Bioinformatics-BT	01/09/2018
Mtech	Digital Electronics Communication-ECE	01/09/2018
Mtech	Digital Communication & Networking-ECE	01/09/2018
Mtech	VLSI Design & Embedded Systems-ECE	01/09/2018
Mtech	Thermal Power Engineering -Mechanical	01/09/2018
Mtech	Machine Design- Mechanical	01/09/2018
MCA	Master of Computer Applications	01/09/2018
MBA	Master of Business Administration	01/09/2018

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

	Certificate	Diploma Course
Number of Students	761	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
Soft skills training- CSE	10/03/2018	301
Bid data and IOT- CSE	25/02/2019	98
Soft skills training- ISE	10/03/2018	264
Cyber security-ISE	03/05/2018	41
Bid data and IOT- ISE	03/05/2019	33
Soft skills training- ECE	25/02/2019	103
Technical Training for Python, Machine Learning SQL- ECE	25/02/2019	100
soft skil training- ME	14/03/2019	55
Soft Skills and Training(2018-2019)- CV	10/03/2018	53
Soft skills training- AU	10/03/2018	78
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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	CV	236

BE	ME	231
BE	AU	68
BE	BT	128
BE	ECE	124
BE	MT	68
BE	MBA	230
BE	CSE	195
BE	ISE	192
BE	EEE	259
<a href="#">View File</a>		

## 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
<p>The feedback on the curriculum was collected from the students, teachers, alumni and employer. The feedback was collected on few important criteria such as</p> <ul style="list-style-type: none"> <li>• Timely efficient progressive performance of academics, administrative tasks.</li> <li>• Equitable across to affordability of academic programmes for students.</li> <li>• Research work and activities and projects/consultancy to be carried out.</li> <li>• Improvement in Teaching, Learning Process and Pedagogical Innovations.</li> <li>• Initiative of the college in introducing number of supplementary enrichment programs</li> </ul> <p>From the feedback obtained for the year 2018-2019, Curriculum committee members felt that Faculty members need to innovate and conduct expertise for effective implementation of the curriculum. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real-life problems in the industry. Actions taken by the institution:</p> <ul style="list-style-type: none"> <li>• Encourages research work and publication in reputed journals.</li> <li>• To conduct more seminars, guest lectures and to motivate students staff to take up real time projects to improve Industry Institute interaction.</li> <li>• To award the students staff members who have participated in research activities.</li> </ul>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Science & Engineering	120	0	93

BE	Information Scienc & Engineering (ISE)	120	0	84
BE	Electronics & Communication Engg (ECE)	120	0	83
BE	Electrical & Electronics Engineering (EEE)	120	0	71
BE	Mechanical Engineering (ME)	120	0	59
BE	Mechatronics (MT)	60	0	33
BE	Civil Engineering (CV)	120	0	52
BE	Biotechnology (BT)	60	0	46
BE	Automobile Engineering (AU)	60	0	26
Mtech	CSE ( Computer Science & Engg.)	18	0	2
<a href="#">View File</a>				

## 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	2376	413	205	50	30

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
285	285	44	22	0	9

[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)

Mentoring is defined as “a mutually beneficial relationship which involves a more experienced person helping a less experienced person to identify and achieve their goals”. A mentor provides support, a sounding board, knowledge, encouragement, guidance, and constructive feedback to the mentee by developing a genuine interest in the growth of their abilities and talents. The process ensures the exchange of knowledge and information among the mentors and mentees through a specialized professional relationship. Qualified mentors are identified within the Department and they provide professional mentorship, collaboration, and guidance for professional growth to an identified mentee. Allocation of Mentees to Mentors by Chair Person A department meeting is conducted by the chairperson of the mentor mentee committee (HOD), at the beginning of every semester. The chairperson hands over the mentor-mentee allotment letter to each faculty which lists out the mentees allotted for them. The ratio of mentor to mentee is 1:20. The allotment letter contains all the contact details and personal information of the mentees. The following instructions are given by the chairperson to the mentors during the meeting • To regularly monitor mentees progress on parameters like Attendance, IA Marks, Results, Sports, Extra curriculum, Social behavior Health. • To maintain the Mentor mentee log book and update it monthly and submit the same before the committee as when required. Mentor –Mentee Meetings Each faculty conducts a minimum of three meetings with their mentees usually one after each internal assessment test. The following points are discussed with the mentees • Conduction of Theory and Lab Classes • Discussions on Projects, internships etc. • Performance in the Internal Tests • Portions completed • Difficulties faced during classes • Personal Issues if any The performance of each student like marks scored, extracurricular achievements, problems faced etc are updated in the mentor mentee log book after each meeting. The mentor tries to solve the problems faced by the students. For example, some students may face difficulty in understanding certain subjects. Mentor ensures that extra classes, remedial classes, and tutorials are provided for those subjects. In addition previous year question papers are also solved to increase their confidence. Advanced learners are motivated by giving mini projects, paper presentations in Conferences etc. Mentor –Chairperson Meeting All the issues and points discussed in mentor mentee meetings are brought to the notice of the Chair Person. Chairperson ensures that all the issues faced by the mentees are solved in an efficient manner. Mentoring ensures a strong bond between students and teachers which ensures their career and skill development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2873	285	1:10

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
285	285	0	24	41

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	Ms Kavya S K	Assistant Professor	NCSEM2018 got prize in presentation and exhibition
2018	Dr.Preeta Sharan	Professor	KSCST 2017 - Two projects Shortlisted
2018	Dr.Preeta Sharan	Professor	Session Chair for Photonics and Opto Electronics - BVICAM- New Delhi

2018	Mr vidyadhar Pujar	Assistant Professor	KSCST
2018	Mr. Amruth K	Assistant Professor	KSCST 2017-18 - Shortlisted
2018	Mr. Mahesh	Assistant Professor	NCSEM2018 got prize

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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	CSE	VIII- SEM	16/07/2019	14/08/2019
BE	ISE	VIII- SEM	16/07/2019	14/08/2019
BE	ECE	VIII- SEM	16/07/2019	14/08/2019
BE	BT	VIII- SEM	16/07/2019	14/08/2019
BE	EEE	VIII- SEM	16/07/2019	14/08/2019
BE	MECH	VIII- SEM	16/07/2019	14/08/2019
BE	CV	VIII- SEM	16/07/2019	14/08/2019
BE	AU	VIII- SEM	16/07/2019	14/08/2019
BE	MT	VIII- SEM	16/07/2019	14/08/2019
MBA	MBA	IV- SEM	28/07/2019	03/09/2019

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

Response: The institution is affiliated to VTU and the process of evaluation is followed as per the University guidelines. The quality of engineering education is the direct outcome of knowledge implanted and evaluated through formal examination. The education process in any discipline of learning ends with examinations. The entire effort put in by the teachers on teaching and the student on learning is centered on getting a good level of success rate in the examinations. The objectives of the internal assessment tests are to Expose the students to continuous evaluation and also focus on practice through learning methodologies Emphasize on students to perform consistently and not study in a sporadic manner Process of Internal Tests Question Papers Setting The Exam Cell(Dept ) will coordinate all the activities related to the conduct of Internal Assessment Tests The Department has Test Coordinator to facilitate the examination process in a smooth and efficient manner Question Papers for internal assessments are prepared by keeping Bloom's Taxonomy Levels as the reference Question paper along with answer keys are collected for each course. The question papers are checked for the CO coverage and knowledge level by the Program Evaluation Committee (PEC) and approved by the HoD . All the answer scripts are evaluated and checked by PEC. Evaluation of internal assessment is rated based on the Bloom's Taxonomy Level and the CO, PO, and PSO to which it corresponds. Depending upon that, the CO attainment and corresponding attainment of PO and PSO for the respective course are analyzed and appropriate actions are suggested and implemented. The corrected answer scripts are distributed to students by the faculty as per the schedule and the solutions

for questions are discussed with the students inside the classroom Marks are entered in the college database for future reference and also in the mentoring report to analyze their performance regularly Result analysis is done for all the classes in the department and necessary action will be taken to improve the pass percentage like conducting retest for failed students, providing regular counseling The university exam question paper will be discussed with the students Assignments An assignment is a type of reflective learning activity in which the students' level of understanding about the course is conveyed to the faculty. The assignments are focused on developing the writing, interpersonal and collaborative skills of the students. Different knowledge levels of assignments are given for the advanced and the slow learners. Hence, the continuous assessment of the students through assignments will enhance their higher level thinking.

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

Visvesvaraya Technological University, Belagavi provides the academic calendar for every semester at the beginning of the academic year. VTU academic calendar consists of instruction regarding the re-opening date semester, the commencement of academic activities, external practical examination, and final examination of semester. Based on the VTU calendar, college academic calendar was framed by the committee of calendar of events under IQAC, along with HODs of concern departments and senior faculties by strictly abiding the instruction mentioned in academic calendar of VTU. Institution level academic calendar includes re-opening date of semester, closing date semester as per VTU, three CIE dates, dates for events planned by the college such as technical fest, workshop, conference, cultural event, regular class time-table and lab time-table, industry visits, games and events. University Practical exam commencement and end date, University theory exam commencement and end date. All departments of our college adhere to academic calendar conduct the CIE and all the events planned. Both theory and practical exam after the proper planning forwarded to the examination section for the approval of by IQAC. After analysis internal examination results, slow and advanced learners are identified. For the slow learners college conducts tutorial and revision classes in order to understand the subjects. The academic calendar helps us in following ways. • To prepare lesson plans in order to handle the classes of all the programs effectively. • To complete syllabus on time and enable the students to prepare well for the exam. • To conduct co-curricular and extracurricular activity.

## 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.theoxfordengg.org/pdf/COs%20of%20All%20Departments-%202018-19.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
AU	BE	Computer Science	82	81	98.78
IS	BE	Information Science	88	86	97.73

EC	BE	Electronics & Communication	77	73	94.81
EE	BE	Electrical & Electronics	39	39	100
ME	BE	Mechanical Engineering	33	33	100
BT	BE	Biotechnology	94	93	98.94
CV	BE	Civil Engineering	102	99	97.06
AU	BE	Automobile Engineering	101	101	100
MT	BE	Mechatronics Engineering	34	31	91.18
EC	Mtech	M.Tech in DEC	1	1	98.94
<a href="#">View File</a>					

## 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.theoxfordengg.org/pdf/2018-19/Student%20Satisfaction%20Survey.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	270	Vision Group of Science Technology	500000	500000
Minor Projects	270	KSCST	5500	5500
Minor Projects	270	KSCST	4000	4000
Minor Projects	270	KSCST	6000	6000
Minor Projects	270	KSCST	10000	10000
Minor Projects	270	KSCST	7000	7000
Minor Projects	270	KSCST	9000	9000

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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
<b>No Data Entered/Not Applicable !!!</b>		

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
Light Excellence Award	Dr Preeta Sharan	IEEE Photonic Society Bangalore	01/05/2019	Teacher
Session chair on IEEE 6th International Conference on Computing for Sustainable Global Development	Dr Preeta Sharan	INDIACOM-2019 New Delhi INDIACOM-2019 New Delhi	15/03/2019	Teacher
Life Fellow of Indian Social Science Academy	Prof. Prakruthi.P	Indian Social Science Academy	01/01/2019	Teacher
IEEE PROJECT EXPO, 4th National level Project Competition- Best Project	Dr Preeta Sharan	IEEE PROJECT EXPO, 4th National level Project Competition	20/04/2019	Teacher
KSCST - Govt of Karnataka	Dr Preeta Sharan	KSCST - Govt of Karnataka	27/03/2019	Teacher
GCU Womens day award	Dr Preeta Sharan	GCU (Garden city University )Bangalore	16/03/2019	Teacher
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3	3	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
ECE	1

BT	1
CHEM	2
MCA	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science	2	0
International	Mechanical Engineering	1	0
International	Automobile Engineeirng	2	7.97
International	Chemistry	1	0
International	MCA	4	7.97
International	Biotechnology	7	7.97
International	ECE	3	0
<a href="#">View File</a>			

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

Department	Number of Publication
Electronics Communication Engineering	4
<a href="#">View File</a>	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Significance analysis of target profile in tuberculosis is using gene interactions and insilico docking approach to find potential ligands	Dr.B.K.M anjunatha, Shambu M G	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0
Trust based resource selection with optim	E. Saravana Kumar, K. Vengatesan	Cluster Computing	2018	5	The Oxford College of Engineering	5

ization technique						
Grating based pressure monitoring system for subaquatic application	Regina Mathias, Ambresh P. Ambalgi, Anup M. Upadhyaya	International Journal of Information Technology	2018	3	The Oxford College of Engineering	3
In Silico Identification of Piperazine Linked Thiopyridone Derivatives as Novel Androgen Antagonist in Prostate Cancer Treatment	Dr. Shipra Bhati	International journal of Peptide Research and Therapeutics- Springer	2018	6	The Oxford College of Engineering	6
Isolation Characterization Of Methanogenic Bacteria From Local Environment And Comparative Study Of Kinetics With Traditional Biogas Producers.	Salma Kausar M	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0
Heavy metal ion detection using immobilized ALP enzyme	K.Valarmathy	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0
Screening of potential phytochemicals for wound healing.	Dr.B.K.M anjunatha, Tanusree C	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0

Screening of antibacterial and antioxidant activities of Streptomyces species isolated from western Ghats from Karnataka	Dr. Kusum Paul, Shambu M G	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0
Construction of cancer disease through graph theoretical approach	Dr.B.K.M anjunatha, Tanusree C	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	0
Isolation, characterization and biological activity of flax lectin	Dr.B.K.M anjunatha, Dr Suma T K	International Journal Of Creative Research Thoughts	2018	0	The Oxford College of Engineering	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
Wavelength selectivity using adaptive shortest path algorithm for optical network	P. PiruthivirajDr preeta SharanDr preeta SharanN. Ramrao	Pertanika Journal of Science and Technolgy	2018	12	0	The Oxford College of Engineering
Photonic crystal based micromechanical sensor in SOI platform	Indira Bahaddur, Preetha Sharan and P. C. Srikanth	Pertanika Journal of Science and Technolgy	2018	0	0	The Oxford College of Engineering

Trust based resource selection with optimization technique	E. Saravana Kumar, K. Vengatesan	Cluster Computing	2018	41	5	The Oxford College of Engineering
Biclustering of gene expression data using biclustering iterative signature algorithm and biclustering coherent column	E Saravanan Kumar, K V engateshan , C Rajan	International Journal of Biomedical Engineering and Technology	2018	17	5	The Oxford College of Engineering
Design and implementation of crossbar scheduler for system on chip network in quantum dot cellular automata technology	Gunjan Thakur, Mrinal Sarvagya, Preeta Sharan	Internet Technology letter	2018	0	2	The Oxford College of Engineering
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	7	19	1	23
Presented papers	18	34	0	2
Resource persons	1	0	0	0
<a href="#">View File</a>				

### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities

SPECIAL CAMPING PROGRAMME	NSS Unit , TOCE	3	190
Health awareness Program	NSS Unit , TOCE	2	199
Awareness Program for "Yoga and Meditation For Increasing " 5 march 2019	NSS Unit , TOCE	1	199
Follow the traffic rules Emphasis on risk factors 21 Sep 2018	NSS Unit , TOCE	1	188
First Aid training 12 Nov 2018	NSS Unit , TOCE	1	210
Drugs Awareness Programme	NSS Unit , TOCE	1	198
MENSTRUAL HYGIENE	NSS Unit , TOCE	3	196
National Youths Day Awareness Program	NSS Unit , TOCE	2	226
World Aids Day	NSS Unit , TOCE	2	204
<a href="#">View File</a>			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation	Affiliation	Indian Red Cross Society	50
<a href="#">View File</a>			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
First Aid Awareness Training	NSS Unit-TOCE	First Aid training 12 Nov 2018	3	210
Health Awareness program-Say No To Drugs	NSS Unit-TOCE	Drugs Awareness Programme	7	198
Health Awareness	NSS Unit-TOCE	Menstrual Hygiene	25	196
Skill India	NSS Unit-TOCE	National Youths Day	2	226
Health	NSS Unit-TOCE	World Aids	5	504

Awareness		Day		
Swachh Bharat	NSS Unit-TOCE	NSS Camp-Special Camp Program	2	190
Health Awareness	NSS Unit-TOCE	Health awareness Program	20	199
Awareness Program for "Yoga and Meditation For Increasing " 5 march 2019	NSS Unit-TOCE	YOGA- Health awareness	8	199
YOGA- Health awareness	NSS Unit-TOCE	Awareness Program for "Yoga and Meditation For Increasing " 5 march 2019	3	25
Traffic Awareness Programme	NSS Unit-TOCE	Follow the traffic rules Emphasis on risk factors 21 Sep 2018	5	188
<a href="#">View File</a>				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange-Conducted Expert Lecture On Apple Technology Demonstration (27/4/2018)	50	TOCE	365
Faculty Exchange-Expert Lecture On Entrepreneurship Management (5/5/2018)	70	TOCE	365
Faculty Exchange-Expert Lecture On 4g With Focus On Lte And Its Architecture (23-03-2019)	50	TOCE	1095
Faculty Exchange-A Guest Lecture On Importance Of Higher Education In Engineering Or Education Curriculum In India	46	TOCE	1825

Faculty Exchange-Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	141	TOCE	365
Students Exchange-Student Internship On Cancer Cell Study Based On Facs And Mtt Assay And Projects	4	TOCE	730
Students Exchange-Student Internships On -1)Inhibition Of Mapkinase By Computational Analysis And 2)Bioinformatics Methods And Drug Discovery 3)Protein And Gene Expression In Breast Cancer 4)Molecular Docking Studies, Adme Properties Of The Selected	8	TOCE	730
Students Exchange-Student Project On 1)Classification Of Breast Cancer On Pca And Gene Express Analysis - Molecular Biomarker And Therapeutic Applications 2)Lung Cancer Classification And Identification Of Novel Biomarkers And Their Associated Role I	6	TOCE	365
Students Exchange-Project And Internship Tips For Mca Final Year Students	15	TOCE	365
Students Exchange-Internship On Service Provider Management (21-01-2019 - 21-02-2019)	2	TOCE	1095

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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
Job Training	Expert Lecture on JAVA	Technizz Infotech , Electronics City ,Bangalore Ph: 080-48525429	12/12/2018	12/12/2018	7
Job Training	Training on Python	Combained Research Organization, #65/1, First Floor, G.S Palya Road, Konappana Agrahara, E-City Post, Bangalore 560100 9916598045	06/03/2019	06/03/2019	2
RD	Expert Lecture On Apple Technology Demonstration	Cloud Enabled Pvt Ltd,BTM layout first stage, Bengaluru, Karnataka 560068, 096327 11288	27/04/2018	27/04/2018	30
RD	Expert Lecture On 4G With Focus On Lte And Its Architecture	Seventh Sense Talent Solutions, J. P. Nagar, Bengaluru, Karnataka 560078 , 080 4174 4141	23/03/2019	23/03/2019	40
Internship	Internship on Service provider Management	Anspro Technologies, Stage 2, BTM Layout, Bengaluru, Karnataka 560076, 098868 32434	21/01/2019	21/02/2019	2
Internship	Photonic Crystal	IEEE Photonic	13/07/2019	13/08/2019	1

	Biosensor Structure using Opti-FDTD	Society ,TOCE			
Construction Practices at Site	SITE VISIT	Heaven Bird, Opp. Judge home near Police station, Old Bus stand, Devadurgs District, Raichur, Karnataka - 584111	16/08/2019	19/08/2019	25
Guest Lecture	Guest Lecture	School Of Construction Mangement Excellence, 491, Vishwakarma, East End Main Road, Jayanagar 9th Block, Bangalore - 560069	20/12/2018	20/12/2018	20
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Cloud Enabled - Coe	03/05/2018	Conducted Expert Lecture On Apple Technology Demonstration (27/4/2018)	50
Seventh Sense Talent Solutions, J. P. Nagar, Bengaluru, Karnataka 560078 , 080 4174 4141	27/08/2018	Expert Lecture On 4g With Focus On Lte And Its Architecture (23-03-2019)	50
Anspro Technologies, Stage 2, Btm Layout, Bengaluru, Karnataka 560076, 098868 32434	01/07/2018	Internship On Service Provider Management (21-01-2019 - 21-02-2019)	2
Stelixr Biotech Pvt.Ltd	02/07/2018	Student Internship On Cancer Cell Study Based On Facs And	4

		Mtt Assay And Projects	
Zastra Innovations	02/12/2018	Student Internships On -1)Inhibition Of Mapkinase By Computational Analysis And Bioinformatics Methods And Drug Discovery Protein And Gene Expression In Breast Cancer Molecular Docking Studies, Adme Properties Of The Selected Molecules	8
3i Molecular Solutions	22/01/2018	Student Project On Classification Of Breast Cancer On Pca And Gene Express Analysis - Molecular Biomarker And Therapeutic Applications Lung Cancer Classification And Identification Of Novel Biomarkers And Their Associated Role In Therapeutic Appli	6
Patrician Creations Pvt. Ltd	20/03/2018	Conducted Expert Lecture On 3d Printer Technology (10/9/2018)	37
Gened Technologies	08/10/2018	Organised An Expert Talk On Technology Impact On Management Education And Industry	150
Plantszone	08/07/2019	Organized Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	123
Combined Group Of Science Technology	18/08/2018	Workshop On Research Paper Writing And Publishing	147
<a href="#">View File</a>			

#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
83.83	33.14

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

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Laboratories	Existing
<a href="#">View File</a>	

#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsoft 9.8	Fully	9.8 Version	2017

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	55148	15714431	360	244529	55508	15958960
Reference Books	3038	1309200	40	19839	3078	1329039
e-Books	23419	0	8535	0	31954	0
Journals	1350	3376355	0	0	1350	3376355
e-Journals	23419	2405994	8535	100000	31954	2505994
Digital Database	8	0	10	0	18	0
CD & Video	3077	0	5	0	3082	0
Library Automation	1	277750	0	12000	1	289750
Weeding (hard & soft)	0	0	0	0	0	0

Others(s pecify)	24	214058	24	33766	48	247824
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.E.Saravana Kumar	Cloud Computing	Microsoft Powerpoint	12/09/2018
Mr. Senthil Kumar	Machine Learning	Microsoft Powerpoint	20/09/2018
Ms. Seema Patil	Database Management Systems	Microsoft Powerpoint	05/10/2018
Ms. Shobha T	Automata Theory	Microsoft Powerpoint	07/10/2018
Ms. Sowmya H K	Object Oriented Concepts	Microsoft Powerpoint	24/10/2018
Dr.Preeta Sharan	Network Analysis	Microsoft Powerpoint	12/09/2018
Dr.ManjuDevi	Managment and Enterprnurship	Microsoft Powerpoint	20/09/2018
Dr.Chrispinjiji	Analog Circuits	Microsoft Powerpoint	05/10/2018
Dr.R.Bhargava Rama Gowd	Multimedia Communications	Microsoft Powerpoint	07/10/2018
Prof. Soumya Padukone	Micro Controller	Microsoft Powerpoint	24/10/2018
<a href="#">View File</a>			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwid th (MBPS/ GBPS)	Others
Existin g	613	19	613	1	0	14	14	60	0
Added	0	0	0	0	0	0	0	0	0
Total	613	19	613	1	0	14	14	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
Handicam With Tripod ,Ocr Scanner	

Device, Portable Projector CC, Camera, Wi Fi ,Web cam, Projector

<http://theoxfordengg.org/pdf/2018-19/Facility%20for%20e-Content.pdf>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
98.53	76.16	0	87.24

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

The Oxford College of Engineering, Bangalore has a number of policies procedures and practices to govern its day to day operation. The College has a regimented and devolved mechanism to maintain the physical, academic and support facilities. Maintenance of the Campus: Regular care of electrical, plumbing, housekeeping and infrastructure in the college premises is supervised by Maintenance Committee to ensure that they are of extreme advantage to the students as well as teaching and non-teaching staff members. The roads, common places, faculty and class rooms, laboratories, are cleaned daily and mopping is done periodically. To improve the physical ambience of the campus, numerous initiatives are taken from time to time. Each academic year proper planning is done so that all the procedures and policies in maintaining and utilizing physical, academic, and support facilities are synced towards institutional aims. Infrastructure: The Institute has its own adequate water supply system. RO system is installed in the college premises with connected water taps in every floor, which provides 24X7 drinking water facilities and the maintenance of which is outsourced. To contest the voltage fluctuations and black-outs, the institute has set up power generators. The cleanliness of the Institute is maintained by the House-Keeping section. Class Rooms: Institute provides a good physical environment in the form of desks, chairs, tables, space, instructional materials, proper lighting and ventilation as well as the latest Information and Communication Technology (ICT) equipment. All the facilities are properly maintained, in case of repair or damage of the goods, a team of carpenters and electricians under the supervision of Maintenance Committee carry out the maintenance. Laboratories In All Departments: Optimal utilization of laboratory possessions is ensured by the faculty members of the respective departments and concerned lab- coordinators, and lab assistants. Further maintenance, cleanliness of lab and other problems of the computers and IT facilities, are well maintained by the System Administrators.. Library: Every year, the college forms a library committee which evaluates the previous years activities. In order to provide suitable atmosphere for reading, cleanliness is maintained in the library. Proper maintenance and cleaning of furniture in the library is well taken care of on regular basis. Sports: The Institute has appointed a Physical Director for planning optimum utilization of sports facilities throughout the year. Fire Resisting Kit: Campus has fire extinguishers in each building and all floors. Sewage Treatment Plant (STP): The College has equipped with Sewage Treatment Plant (STP) with the capacity of 3,00,000 liters per day. Treated sewage water is utilized for gardening purpose. Other Facilities: Institute runs buses which are used for conveyance of students from Hostel to the College. Also the Institute is sited on Hosur main road, public transport buses are accessible for the students and faculty members. The campus security is monitored through surveillance Cameras. The college has Canteen facility for staff and students. Bank of Baroda branch is located inside the campus.

## 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	Free ships	20	755000
Financial Support from Other Sources			
a) National	Fee concession Scheme(Karnataka Government-SSP-OBC),SC-ST Welfare, Minority Department	1386	40052760
b)International	NIL	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
Softskill training on Enhancement of Communication skill and Group discussion- AU	25/03/2019	40	Neeraj M M Technical Manager Seventh Sense
Softskill training- EEE	03/10/2018	84	Seventh Sense Talent Solutions
Soft Skill Training on Negotiation skills,Assertive communication,presentation skills,skill development,team building- ECE	14/03/2019	110	Seventh Sense Talent Solutions
Soft skill training on Reasoning,General Aptitude,Quantitative Ability,Verbal Ability,Group Discussion- ECE	25/03/2019	118	Smart Training Resources
Softskill training- ISE	14/03/2019	72	Smart Training Resource India Pvt Ltd.
Softskill training- ISE	25/03/2019	98	Smart Training Resource India Pvt Ltd,1/5 Sivaganga

			Road(Off Sterling Road) Nungabakkam Chennai TN 600034 India,
Softskill training- ISE	03/10/2018	94	7th Sense Talent Solution,#4, 1st Floor, 23rd A Main, JP Nagar 2nd Phase, Bengaluru - 560078,Ph no:08041744141
Soft skill training onLSRW( Listening,speaking,reading and writing)- CSE	14/03/2019	109	7th Sense technology
Soft skill training on Quantitative analysis, reasoning and verbal analysis- CSE	25/03/2019	90	7th Sense technology
Soft Skill Training	04/11/2019	897	Seventh Sense Talent Solutions, Bangalore
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	TOEFL, CAT, PG CET, KAS, UP SC, IELTS, GRE, GATE, KPSC, IAS	1531	880	7	703
<a href="#">View File</a>					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
26	26	10

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations	Number of students	Number of students placed	Name of organizations	Number of students	Number of students placed



visited	participated		visited	participated	
3i Molecular Solutions, 6-D Technolo gies, Accord Software Systems Pvt Ltd, AGIIT, Amazon Development Centre, AppScript, APTTEST, AROSTAR, Attr Infotech, Axis Global, Biztechnosys , BOTmantra, BYJUS, CADOpt Techn ologies, CISCO, CodeLand, Covance Ind	867	429	Nil	0	0
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	16	BE	Automobile ,Automobile, Automobile, Bio Technology, Bio Technology, BioTechnology, Civil, Civil, BioTe chnology, Bi oTechnology, Mechanical,E EE, EEE, EEE, ISE,CSE	VIT, Manipal University, Manipal University, University of Cambridge, New Castel University, University of Glassowa, Malnad College of Engineering, Malanad College of Engineering, Warsaw University of Technology, Germany, Iit, Madras,	MTECH, MTECH, MTECH, MPHIL, MS, MS, M TECH, M TECH, MS B iotechnology , MS, Supply Chain Management, MSc Electrical and Electron icsEngg., M. TECH, M. Sc Computer Science, Focus Big Data Artificial I ntelligence, MBA, MBA

[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
GRE	2
GATE	3
Civil Services	1
TOFEL	1
Any Other	4

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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
Republic day	Institutional level	30
Kannada Rajyotsava	Institutional level	500
Farewell party	Institutional level	500
Freshers party	Institutional level	500
Teachers day Celebration	Institutional level	300
Womens day celebration	Institutional level	150
Ayudha pooja celebration	Institutional level	300
Oxfordotsav 2k19(13 off stage and 6 onstage)	Institutional level	505
Oxfordotsav 2k19-Group singing	Institutional level	5
Oxfordotsav 2k19-Face Painting competition	Institutional level	6

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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	Volley Ball(Second Place)	National	1	Nil	10X16CS054,10X16CS018,10X18CS019	Naveen Kumar -CSE, Bhanu Prakash -CSE, Chetan Shetty-CSE
2018	Volley Ball(Winner)	National	1	Nil	10X16CS054,10X16CS018,10X18CS	Naveen Kumar -CSE, Bhanu

					S019	Prakash -C SE,Chetan Shetty-CSE
2018	Kabaddi( Second Place)	National	1	Nil	10X16CS090	Vishal C. Patil- CSE
2018	Kabaddi( Third Place)	National	1	Nil	10X15CS1 29,10X15CS 060,10X15C S027	Prajwala- CSE Namita- CSE Disha E-CSE
2018	Dance(Se cond Place)	National	Nil	1	10X14CS093	Vamsi Kr ishna-CSE
2018	Nationals roll ball skating (rbf)	National	1	Nil	10X19IS010	Alagappan pr - ISE
2018	Runner up (Kho- kho)	National	1	Nil	10X15EE0 14, 10X16EE410	Basavaraj S B-EEE Manoj Kumar H- EEE
2018	Winner (Kho-Kho)	National	1	Nil	10X16EE410	Manoj Kumar H- EEE
2018	Revels' 18, the national cultural and sports fest of Manipal institute of technology - Hockey - 3rd Prize	National	1	Nil	10X15ME0 59, 10X16M E042, 10X1 6ME088, 10 X16ME042, 10X16ME088	"Bopanna P N-ME Kowshik-ME Thammaih- ME"
2018	Inter collegiate zonal tournaments 2018-2019 - Hockey - 1st Prize	National	1	Nil	10X14ME0 78, 10X16M E042, 10X1 6ME088, 10X15ME059	Thimmanna A.S-ME, Kowshik M.N -ME, Thammaiah N.S-ME, Bopanna P.N-ME
<a href="#">View File</a>						

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

Since the students are the main stake holders of our institution, institution encourages students participation in affairs of both academics and

administration to provide quality education. A Student Council provides an opportunity for students to engage in a structured partnership with teachers, parents and college management for the benefit of the institution and its students. It also helps the students to build the leadership qualities and enhance their communication skills. The council aims to imbibe and inculcate the Vision, Mission and Core values of the institution and to provide feedback on the various aspects of the education- general discipline of students in campus and hostel, hostel facilities, library facilities, transport facilities, maintenance of the campus, soft skill and technical training, placement, assist the anti-ragging committee, to organize and encourage student participation in co-curricular/extracurricular activities etc. Student council is composed of President, vice president, secretary and joint secretary. These are selected from the council's student members from each department. The council will be headed by the Principal, advised and monitored by a faculty co-coordinator. In order to work effectively, student council will frame sub committees consisting of at least two members. The council is responsible for conducting regular meetings to obtain the students grievances and to plan for various co-curricular and extracurricular activities in campus which helps in overall development of students. The institution has formed various committees for smooth and efficient functioning of the college viz., Sports, Cultural, Library, Anti ragging, Sexual harassment elimination, Grievances redressal, Hostel redressal, Transport redressal, student's welfare, Alumni, Research, Women Empowerment, Infrastructural maintenance, etc. Each committee is composed of both male and female student representatives from UG and PG with one faculty coordinator. The members of the council will act as link between students and teachers and management which reduces the gaps between Teaching and Learning process and policy making. Institute respects students opinion in the process of policy making and they are part of IQAC. The student council play active role in and responsible for the following:

- Strive towards making the experience of the student on campus comfortable and enriching by organizing various co-curricular and extracurricular activities at various levels (College, inter college, state and national level).
- To assist and advice in various aspects of the academics like purchase of library books, subscription of quality journals, training and placement, culture, sports and games.
- Actively participate in organization of student chapter activities and encourage the students to involve in R D activities.
- To educate the students about the consequences of ragging, drug abuse and make campus free from ragging and drugs.
- To organize alumni meets and to organize guest lecture from alumni's.
- Active participation in maintenance of discipline, cleanliness and overall educational ambiance in the campus.
- To convey all grievances and complaints to the higher officials and to address them at the first level in order to ensure the smooth functioning at all levels

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association of the Oxford College of Engineering (in short known as TOCEAA) is registered with registrar of societies in 09/04/2005 bearing a registration no. 214/2005-06. The main ambition of TOCEAA is to bring all college students at a place where they can meet their all old friends, classmates and faculty members reminiscing memorable experiences and sharing stories of success. The students take deep interest in participating in all the events that are conducted during the meeting. The association has been a grand success so far. During 2018-19 brought together the alumni of the Institute again for the Sixth time to TOCE, Bangalore, in the form of "6th Annual Alumni Meet 2018" held during 01-03-2018. Inaugural Programme Inaugural programme of the Alumni Meet commenced at 9.30 a.m. in the Auditorium, more than 200 Alumni's

were present. Mr. Pradeep G president TOCE Alumni extended a hearty welcome to the alumni and the dignitaries to the Alumni Meet. In his speech informed that the Annual Alumni Meet is scheduled in every year of their graduation from the Institute. He requested the alumni to go round the campus to see the changes that have taken place in the past years. He specially mentioned the active and inspirational support from Dr R. Nagaraj, Principal, TOCE throughout for closer interaction with the alumni. It was presided over by the chief guest, Mr N Ramanathan, CEO, Managing Director, 4R Recycling Private Ltd., Bangalore and also graced by the Executive director, principal, vice principal, governing council member. All the dignitaries present addressed the gathering. Executive Director praised the Alumni's as grand Ambassadors of TOCE and honoured the distinguished Alumni. A cultural program was conducted during the alumni meet. Mr. Chengappa M R Secretary of TOCE Alumni proposed vote of thanks to the alumni who have come a long way to attend the Alumni Meet. He also thanked their spouses who have come to share with in spite of their busy engagements. He thanked Principal for his initiative and support without which organizing the Alumni Meet would have not been possible. He expressed his reverence to dignitaries thanked for coming to attend the meet. Student - Alumni Interactions Students-alumni exchanged their views. The Alumni gave some suggestions to their juniors about how to get placed in companies. The interactive session in which students of the campus and the alumni of TOCE Bangalore came together on the same platform to discuss issues of importance proved to be quite constructive. The premier problem addressed was "how to increase the interaction between the students and the alumni". The alumni reassured the students that they were always willing to help the students in whatever way possible and this assurance is sure to help the students build up a strong student-alumni relationship. Another topic that was put up for discussion was "how to go about becoming an entrepreneur". Almost all the alumni present suggested that it would be better to gain some valuable work experience before venturing into building an enterprise of one's own.

5.4.2 – No. of enrolled Alumni:

880

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

772226

5.4.4 – Meetings/activities organized by Alumni Association :

During the year 7 Alumni meetings were conducted on 12-4- 2018, 25-8-2018, 16-3-2019, 9-6-2019, 15-6- 2019, 12-4-2019, 20-4-2019. Remember, Reconnect, and Rejoice" is the motto of every alumnus get collectively. The alumni association often organizes get collectively occasions that permit TOCE, antique and new, to hook up with each other, the modern-day batch of college students, in addition to the organization contributors, and different body of workers. Finally, the event ends with a lavish dinner party. This cellular consists of students pursuing UG and PG studies. They get possibilities to organize the program, and sharpen their management, and organizational abilities. After completing formal registration all Alumni had been divided with respect to their diploma publications in five special agencies viz. Mechanical Engg., Automobile Engg., Civil Engg., Computer Engg. and Electronics and Telecommunication Engg. MCA. The following are the Alumni activities Organized by Alumni during 2018-19. • Alumni meet conducted to the MCA students, discussed about the attainment of Pos, PEOS, Psos. • Discussion of reframing of Vision mission for MTE students. Feedback is collected to enhance teaching learning process, Alumni Shashi Kumar suggested to include students presentation in class to improve their communication skill and confidence level to MTE students. • Rajarajeshwari P suggested that MTE students should learn at

least 2 coding languages. Shashank kowshik told that knowledge required surviving in the industry. • Alumni meet held for Mechanical students on 16th march 2019. The alumni shared their experience and the interesting moments of their campus life with the audience. Chief Guest of this program Mr. Shivakumar, Managing partner, unique Precision Bangalore. Total 35 students attended and made the programme successful. • Department of BT addressed the gathering by emphasizing importance of alumni coming back to their ALMA MATER. The alumni participated with utmost enthusiasm by sharing their experience from their plan of higher studies to work place and they shared their views of utilizing the subject and academic knowledge in the implementation of the same in industry along with gaining newer experience. The program included with fun games ended with the memories of their college life. • Alumni interaction Meet organized in the department of EEE. The topic of interaction was higher studies, placement, entrepreneurship, Reframing vision Mission of the department. Mr. Rajath, software Engineer NTT DATA elaborates on the need of mastering the course by murturing a highly logical and disciplined approach right from the second year of Engineering. He suggested EEE students can learn coding languages also which will be of great use as per the current trends of industry. • ECE Alumni Meet started with the invocation welcome speech then the alumni speech, Naini.V.Tej Entrepreneur and established specialist invent LLP, shared the experience of th

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

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

The decentralized governance model is evident in every sphere as each department/faculty functions as a separate sub-unit, in deciding and implementing the student-centric programmes and activities. The college delegates the plan of the academic activities every year as per hierarchy of organization. The major decisions for the function of the institution and objective of the institution are taken in the Governing Council meetings. In the decentralized governance system, Director and Principal are empowered to take decision for all academic activities inside the Institution. Heads of the Departments are authorized to take decision at the department level. Faculty members take the academic lead to drive the activities to implement the policies under the following committees. Coordinators from various functional committees work with teams of members to achieve the prescribed objectives. ? Governing Council Member ? Students Counsellor ? Class Coordinator ? Class Committee Chair Person ? Internal Assessment Test Coordinator (IA TEST) ? Exam Cell Coordinator (VTU) ? Academic Audit ? Attendance Monitoring ? NBA Coordinator ? NAAC Coordinator ? Discipline Coordinator ? Alumni Coordinator ? News letter Coordinator ? Sport Coordinator ? Research and Consultancy Committee ? Placement Coordinator ? Library Committee ? Purchase Committee ? Anti-Ragging Committee ? Internal Quality Audit Cell coordinator (IQAC) • College has an Entrepreneurship Development Cell wherein the activities are planned and implemented for pioneering the youngsters into leaders. • Various lectures and development programs on leadership skills are conducted for the students to acquire leadership qualities. • College has Quality Circle Forum of India wherein the student volunteers are selected after scrutinization as President, and Secretary to represent for quality assurance. • All the departments together conduct National Conference on Science, Engineering and Management (NCSEM) in every year organized by faculty, students and other Volunteers. • Student members are nominated in class committee and hostel committee meetings. • Various professional societies and clubs involve students with administrative capabilities to inculcate the organizing skills in them. • Students' head the NSS. • Faculty Development Programs are conducted for the

faculty to develop leadership qualities. • Decentralization at various levels such as HOD, class committee chairperson, class coordinator, lab in-charges, faculty counsellor - one faculty per twenty-five students, convener for coordinating various activities enable the faculty members to enhance their leadership attributes. Participative management The Institute consistently promotes a culture of participative management. The Institute follows committee system for implementation of all its decisions and resolutions. The committees comprise of faculty members and students. The Governing Council has representation from faculty. The HODs take the decisions and implement the action plan. The department faculty is involved in implementation of the policies of the department. Hence at all levels there is participative management

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	Admission to PG Program is through the PG-CET/K MAT, managed by the University which ensures high transparency
Industry Interaction / Collaboration	Industry interaction activities like, Industrial visits, guest/expert lectures, internships, external funded projects are undertaken to bridge the gap between industry and academia
Human Resource Management	Our institution is very much concerned of its human resources. Employees are given highest importance and their desires are recognized well. <ul style="list-style-type: none"> <li>• Faculty are motivated and monitored for effective class room teaching and are appraised time to time by HOD and Management</li> <li>• Employee 's salary will be credited in the bank account directly the bank extension counter works all days inside the campus.</li> <li>• The institution encourages the employees to their promotional activities in the form of higher education, presenting research papers in National/International conferences with financial assistance.</li> <li>• Depending on the workload distribution at the department level, the faculty and staff requirement is forwarded to Recruitment committee consisting of Director, Principal, HOD and senior faculty for further action</li> </ul>
Library, ICT and Physical Infrastructure / Instrumentation	Funded projects are undertaken by the college which benefits the faculty and students to strengthen their skills Faculty are constantly encouraged to

present research Papers in International and National Conferences Faculty are motivated to register for PHD in various research centres in the college or outside Faculty and students publish research papers in peer reviewed national and international journals Innovation club and Robotics club activities help the students to sharpen their research skills

Examination and Evaluation

Examinations are conducted and evaluated as per VTU norms. Three internal assessment in each semester and one term end examination to evaluate the student performance are conducted according to VTU guidelines strictly. Faculty nominated as BOE's will ensure the conduction of the VTU theory as well as practical exams. Potential rank students identified by the teachers are mentored.

Teaching and Learning

Effective teaching methods like, Interactive teaching to create interest in the students, power point presentations, live demos, tutorial classes, remedial classes quizzes, assignments, mock interviews, group discussion on assigned topics, mini projects and internships are in practice For B.Arch. students Design through Analysis - Synthesis, Studio Interactions and Discussions, Case Studies, Activity based Learning methods are used Guest lectures from industry experts, Seminars by students on current trends, Techno-cultural fest will enhance the knowledge of students To help the student have hands-on exposure Industrial visits, field trips, site visits are actively undertaken Faculty mentor students to present papers at national and international conferences, symposiums and also publish papers in the journal Student chapters will help the students to gain knowledge and information in the subject as well as get industry exposure and QEEE classes are conducted from VTU consortium Faculty are encouraged to regularly attend FDP and Workshops to update their knowledge from time to time In the for PG orientation program was introduced that focusses on preparing students for the course and outlining their career building and various clubs helps them to learn new skills in their



	specialization
Curriculum Development	<p>Our institution is affiliated Visvesvaraya Technological University, Belagavi Karnataka State, India. It abides by the changes in curriculum as prescribed by the university. Choice Based Credit System is introduced by VTU in B.E scheme and syllabus for the year 2018. For this academic year, we are using the 2020 scheme and syllabus for both undergraduate and postgraduate students. Senior faculty appointed as BOS from the college will suggest necessary changes in the curriculum from time to time to enhance the quality Certification courses, Technical, Soft skills and Personality Development trainings are given to both UG and PG students helping them in placements.</p>

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

E-governance area	Details
Planning and Development	<p>In Eazycollege, administrative modules of the college help in keeping students admission records along with SMS notification system for student's communication. Another ERP Saral Pay pack payroll software is used to prepare and maintain salaries of the staff. Tally takes cares of the accounting requirements. The affiliating university, Provident fund department ESI departments have provided their online support to maintain the database of college. Library automation has been initiated using Libsoft</p>
Administration	<p>Notice and circulars are communicated to different departments through e-mail from the office of the Principal.</p>
Finance and Accounts	<p>1. Receipts of admission fees is generated and hard copy of it will be issued to the student. 2. Tally is used for accounting 3. Salary of faculty members and staffs are transferred directly to their bank account. 4. Faculty lab remuneration and invilgation exam duty amounts are also transferred directly to bank account</p>
Student Admission and Support	<p>1. Student who wants to take admission for under graduated and Post graduate program are required to submit formal application by registering themselves in the college. Admission is granted to all applicants who meet the</p>

minimum educational qualification and entrance requirements. 2. UG and PG students who gets seats based on the criteria of entrance examination or counseling conducted by KEA or Government/ Affiliating University shall also submit formal application to college along with the entrance examination and counseling details. Students shall ensure their admissions by submitting all the proofs of examination, relevant documents and by payment of fees online or in college tuition fees counter. 3. The College shall constitute Admission Committee and ensure regular briefing and training to staff involved in admissions to counsel the applicants to make fair and sound judgments and have sufficient resources to carry out their responsibilities effectively. 4. Class timetable, attendance and internal assessment marks are uploaded on EasyCollege software.

**Examination**

1. The semester examination will be conducted by the college as per the norms prescribed by VTU. 2. The examination process like registration of students for semester exam, payment of examination fees, generating admission tickets etc are adapted online. Internal Assessment marks are being entered by department wise subject faculties in the University portal. 3. During exams, university question paper will be printed through QPDS software, just 20 minutes before the conduction of exam. 4. CCTV cameras are installed in examination room for monitoring the conduction of examination. 5. Valuation will be taken care by VTU. 6. The results will be announced by VTU through online

**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	Ms.Shobha T	Machine Learning with Python-A Complete Hands on Approach. 7th jan to 11th	Nil	1000

		jan 2019 organized by NHCE		
2018	Ms. Seema Patil	Machine Learning with Python-A Complete Hands on Approach. 7th jan to 11th jan 2019 organized by NHCE	Nil	1000
2018	Ms. Latha R	"Big Data Ana lytics" 25th jan to 31th jan 2019 organized by NHCE, Bangalore	Nil	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Python and Machine Learning	Nil	14/03/2019	15/03/2019	26	Nil
2018	Workshop on Mentor Graphics Xilinx (ECE)	Nil	15/03/2019	15/03/2019	9	Nil
2018	Nil	Electrician, Plumber Gardener awareness programme	15/03/2019	15/03/2019	Nil	36
2018	Nil	Disciple awareness program for college security people	19/04/2019	19/04/2019	Nil	7
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the	Number of teachers	From Date	To date	Duration
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professional development programme	who attended			
NPTEL on Machine Learning	1	19/02/2019	30/04/2019	90
Machine Learning with Python-A Complete Hands on Approach	6	01/07/2019	01/11/2019	5
NPTEL on Design and Analysis of Algorithm	3	07/01/2018	30/10/2018	120
NPTEL on DBMS	4	07/01/2018	30/10/2018	120
NPTEL on Problem Solving using C	2	02/01/2019	30/04/2019	90
NPTEL on Data Mining	2	02/01/2019	30/04/2019	90
Big Data Analytics	1	25/01/2019	31/01/2019	7
NPTEL On Discrete Time Signal processing	1	02/01/2019	30/07/2019	150
NBA and NAAC Accreditation Process for Technical Institutions	1	12/10/2018	14/12/2018	5
One Week Faculty Development Program on "Optimization Technique for Control Systems and use of Artificial Intelligence in Power System" organized at SJBIT, Bangalore	2	23/07/2018	27/07/2018	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
285	285	96	96

## 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
7	7	4

**6.4 – Financial Management and Resource Mobilization**

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

External Audit External auditor is appointed by the parent trust who executes the statutory audit. No major irregularities were found in the audit and minor suggestions were complied. Internal Audit Internal auditors are appointed by the parent trust and internal audit is carried out quarterly. No major irregularities were found in the audit and minor suggestions were complied. Yes the Institute undertakes internal and external academic audit.

## 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
National Womens Commission	20000	Awareness of entrepreneurship among students
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## 6.4.3 – Total corpus fund generated

0
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**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	LIC/NBA	Yes	Head of the Department
Administrative	Yes	LIC/NBA	Yes	Head of the Institutes

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

a. Parent-teacher meetings play a significant role in enhancing a students' education. It is an effective way for both parents as well as teachers to discuss how the student has been performing in academics. Every semester three times parent teacher meetings are conducted after every internal assessment test. Based on the schedule parents will visit the departments to know the status of their wards. Teachers will discuss the attendance status and academic performance of their wards. Interaction with the parents will be recorded with appropriate reasons for the visit. b. Parents are invited to attend the events like Inauguration Day /College Day to know their wards achievements in academics and extracurricular activities. c. Parents as the stakeholder, their valuable feedbacks will be collected for the improvement of the academics during Alumni meet.

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

- Mess and Canteen Staff had an opportunity to attend training on "Hygiene, Quality Cleanliness In mess Canteen" on 15-09-2018, 24 staffs attended the training program
- Awareness program on role and responsibilities of

Electrician, Plumber Gardener was conducted on 15-03-2019 for which 10 supporting staff attended. 3. A lecture on Discipline was given to college security people on 19-4-2019- 12 security staffs participated

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

1. Organized National conference in order to enhance the research activities by students and faculty. 2. Skill development: At TOCE we give our students a formal training in the subjects as per the curriculum and special coaching on Soft-skills and Technology trends. At the beginning of the first year, we introduce the basics of communication, team work, critical thinking and leadership. As they progress and come to the final year, we ensure sophisticated activities like: cross functional team building, risk analysis, sustainability, manufacturability and cost control along with the special topics such as: IT, privacy and security. 3. NBA accreditation of six departments(CSE, ISE, EEE,ECE,MT and BT)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
b)Participation in NIRF	Yes
c)ISO certification	No
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
2018	IPR- Training program organized in association with VTPC, Bengaluru - Innovation Management and Teaching Pedagogy	30/07/2018	30/07/2018	30/07/2018	40
2018	Placement Fair activity organized	10/09/2018	10/09/2018	25/06/2019	703
2018	Organized National conference in order to enhance the research activities by students and faculty	24/05/2018	24/05/2018	25/05/2018	300
2018	Skill development Training program	25/03/2019	25/03/2019	29/03/2019	98

2018	Skill development Training program	14/03/2019	14/03/2019	16/03/2019	72
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Second Nationwide Competition for Women students about Laws related to Constitutional and Legal Rights of Woman	27/12/2018	27/12/2018	200	30
Intramural Sports-2019	18/03/2019	26/03/2019	220	280
Annual Sports Meet-2019	26/04/2019	26/04/2019	160	190

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
<p>Solar Power are the latest and most fascinating technological advancement in the lighting industry. Hence, the college management has planned to install solar panel to generate upto 15 KVA per month from the year 2018 onwards. The management has been utilizing the power generated by solar system installed in the campus. As a result, this has led to a power saving of about 20 of the total power consumption annually. Thus, the total annual power saving is 20.39 lakh units/year. Annual Saving Details: ? Total power consumption (without Solar system) - Rs.1,17,29,360/Annum ? Total power consumption with solar system - Rs. 96,90,065/Annum ? Total power saving after solar system installed - 20,39,295/Annum Solar Panel Details: ? Total power requirement of the institution is 61 KVA/ month ? Power requirement met by renewable energy sources - 15 KVA / month ? Total power consumption saved - 24.6 ? Total power supplied to the grid - 4.6 As the institution installed 16 kv solar panel with the help of government, part of our power consumption is met out. Electricity Bill is reduced to some extent. The surplus power (institutional consumption total power generated) generated out of the solar panel is used by the electricity board. This has led to pollution free and causes no greenhouse gases to our planet. We maintain a green and clean campus, plant trees under the initiative of NSS are another small strides towards the environment.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

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

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

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nil	1	20/08/2018	1	Swatch Bharat Abhiyan	Clean Earth	45
2018	1	Nil	27/02/2019	1	Blood Donation camp	Social Service	130
2018	1	Nil	13/12/2018	1	Plastic Free Campus	Social Awareness	45
2018	1	Nil	05/05/2019	1	Cleanliness Campaign	Social Service	55
2018	Nil	1	17/06/2019	1	Blood Donation Camp	Social Service	25

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

Title	Date of publication	Follow up(max 100 words)
. Administrative Service Manual	01/10/2018	The administrative and service rules of the college, published in the form of service manual for the principal, teaching and non-teaching faculties of the college. The newly appointed faculties are made aware of the service rules during the orientation programme.
Handbook Calendar	18/08/2018	The handbook Calendar



2018-19

of the college is published every academic year. It focusses mainly on the Professional code of conduct for the students, which includes guidelines and rules of the central library, General college rules and regulations, academic rules, rules and regulations related to the university examinations. The handbook Calendar also includes antiragging cell members details, grievance redressal committee members with their contact numbers and email addresses which will be helpful for the students when they face any issues related to ragging and any other grievances. Students are also members of the antiragging committee. Antiragging undertaking forms from the student and parent/guardian are also included in the handbook, which has to be filled by the students and parents/guardians and submitted to the college office during the commencement of first year classes of UG PG.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga day	21/06/2018	21/06/2018	23
Plastic Free Campus	13/12/2018	13/12/2018	40
Competition for women students about laws related to constitutional and legal rights of women	27/12/2018	27/12/2018	200

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

a) **Energy Conservation:** Following measures have been implemented in the campus

towards Energy conservation. • In all the laboratories and offices high wattage CRT monitors have been replaced by TFT/low power LCD monitors. • In the buildings conventional lighting has been replaced by energy saving CFL/LED lighting. • Buildings have been constructed so as to use natural light and ventilation during working hours. • All staffs, students and housekeeping force are sensitized to turn off lights /fans when not in use. • When necessary air conditioners are used . b) Use of Renewable Energy: • Solar panels have been installed on the rooftop of new building. • Electric lamps have been replaced by solar powered lamps on street of the campus. c) Tree Plantation: • Major area of campus is covered with plants lawns. • The flowers of these plants are used for the department pooja. d) Sewage Water Management: • Recycling of used water is done by sewage treatment plant. • This water is used for irrigating trees and plants in the campus. Due to this large amount of water is saved. e) Rain Water Harvesting: • Institute has Rain Water Harvesting in the campus for improvement of ground water level.

## 7.2 – Best Practices

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

Best Practice-1. I. Title of the Practice: Mentor System II. Objective of the Practice: The main objective of the Mentor System is to ensure that each student is taken care individually in which they can talk to about their academic and personal development and career planning. III. The context A great advantage of the Mentor system is the individual attention that students receive. Every 25-30 students in a class will have a dedicated Mentor. Support for the academic and personal development and welfare of the students. Mentor involves providing academic advice and support to the student across the programme of study and reviewing wider academic progress continually. Mentor provides an academic reference to expert services with regards to study, industrial readiness and placements or further study. Their support extends to provide a listening ear for problems, both personal and academic. This system provides an excellent chance for a strong rapport to develop between mentor and student. IV. The Practice Each Class has one Senior Mentor as Class In charge, who can provide induction guidance, support and resources to the faculty in the Class including, where appropriate, schedules, suggested agendas and checklists to maximize consistency in the student experience of personal tutoring in a Class. Senior Faculty are expected to coordinate and share practice with colleagues in similar roles and to provide updates suggestions as well as additional sources of support and guidance to other Faculty members in the management of more complex cases such as those involving disciplinary and fitness to study procedures. V. Evidence of Success: Whenever a student's personal or other circumstances are impacting on their academic progress they will inform their mentor, and discuss ways to resolve such circumstances. Students play active role in their learning and development in the College with a degree of professionalism. 6. Problems Encountered and Resources Required Efforts have to be made to inculcate sense of guardianship in the faculty members for increased effectiveness of the "Mentor Mentee"Scheme. Making the students realize the importance of sharing their problems/issues with their respective mentors. Human resources: 1. Mentor- Teacher 2. Mentee-Students Material resources: 1. Mentor-Mentee Booklet Best Practices - 2. I.Title of the Practice: Monthly Performance Report II. Objectives of the Practice: The main objective of the Monthly Performance report is to ensure that each student is taken care individually to improve their academic record. III. Goal: To Enhance efficient monitoring of the departmental activities IV. The Context: The CBCS has been introduced from the year 2015, scheduling and the delivering of the curriculum activities has to be addressed in a comprehensive systematic manner. Since most of the programmes cover subjects of other departments a close monitoring from the top authority is a necessary. This implementing of this

system would balance overall process. The student performance, the teacher's progress and the continuous improvements in the infrastructure are reflected in the Monthly Performance Report. V. The Practice: Every month Monthly Performance Report Performa is forwarded to each HOD Consolidated statements of attendance of the students are prepared by the college office every month Filled up Monthly Performance Report is forwarded to the principal before the Internals Corrective measures if required are initiated VI. Evidence of Success: The Timely completion of scheduled work by teachers according to the action Plan.

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

<http://theoxfordengg.org/pdf/7.2.1-%20Best%20practices-%202018-19.pdf>

### 7.3 – Institutional Distinctiveness

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

1. Good infrastructure. The Oxford College of Engineering is one of the most prestigious institutions in Bengaluru that provides quality teaching and training in professional courses in various streams of Engineering, post graduate programs in Technology (M Tech), Computer Application (MCA) and in Business Administration (MBA) and Research (Ph.D). The college campus is set in a sprawling 6.25 acres of land, ideal for education in a serene environment with buildings over 65,000 sq.meters of built-up area spread over floors for academic purposes. The college is situated along Information Technology corridor in National Highway towards Electronics City (N.H. 7), 1.0 km from the silk board. In front of the oxford college of engineering metro station work-in progress. This helps students for the easy transportation. 2. Skill Development activities. The current day successful engineers need to identify and analyse the problems, concieve and design the potential solutions, lias with the customers and work with their peers to ensure customer delight. They need to do these things efficiently, ethically, professionally, and with competence at high speed. At TOCE we give our students a formal training in the subjects as per the curriculum and special coaching on Soft-skills and Technology trends. At the beginning of the first year, we introduce the basics of communication, team work, critical thinking and leadership. As they progress and come to the final year, we ensure sophisticated activities like: cross functional team building, risk analysis, sustainability, manufacturability and cost control along with the special topics such as: IT, privacy and security 3. Mentor System Objective of the Practice: The main objective of the Mentor System is to ensure that each student is taken care individually in which they can talk to about their academic and personal development and career planning. The context A great advantage of the Mentor system is the individual attention that students receive. Every 10 students in a class will have a dedicated Mentor. Support for the academic and personal development and welfare of the students. Mentor involves providing academic advice and support to the student across the programme of study and reviewing wider academic progress continually. Mentor provides an academic reference to expert services with regards to study, industrial readiness and placements or further study. Their support extends to provide a listening ear for problems, both personal and academic. This system provides an excellent chance for a strong rapport to develop between mentor and student. The Practice Each Class has one Senior Mentor as Class In charge, who can provide induction guidance, support and resources to the faculty in the Class including, where appropriate, schedules, suggested agendas and checklists to maximize consistency in the student experience of personal tutoring in a Class. Senior Faculty are expected to coordinate and share practice with colleagues in similar roles and to provide updates suggestions as well as

additional sources of support and guidance to other Faculty members in the management of more complex cases such as those involving disciplinary and fitness to study procedures. Evidence of Success: Whenever

Provide the weblink of the institution

<http://theoxfordengg.org/pdf/7.3.1-%202018-19.pdf>

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

The Future Plans of Action for next Academic year is 1. The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating student's community to write research papers. 2. Preparing for NBA renewal by 6 Departments. 3. Organization of more Seminars/Workshops on Use of ICT in Quality Teaching Learning and Research Methodology for quality research work. 4. To improve placement ratio with the help of Alumni 5. To strengthen an Incubation Centre for innovative projects 6. To further upgrade the Quality of Guest Lectures on Current Topics and Emerging Trends, so as to prepare our Students as Entrepreneurs and Professional for the Global Market. 7. Conducting activities to hone the creative skills of students and provide a platform to display their creativity 8. Initiatives for an eco friendly learning space 9. Clean, Green and Polythene free Campus. 10. Develop sound Industry Academia Connect in terms of Industry Collaborations to offer Expertise for Projects, Training Consultancy and Campus Connect Initiatives 11. Awareness programme on Entrepreneurship for Students. 12. Proposal for financial assistance to the Government department/Societies for organization of seminars. 13. Online feedback system for students other stakeholders. 14. To ensure quality of academic programs. 15. To organize variety of co-curricular activities for holistic development of student in present competitive world.