Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**THE OXFORD COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr. A S Aravind**
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**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Mallikarjun K**
Phone no/Alternate Phone no.	**08061754612**
Mobile no.	**9740254828**
Registered Email	**engiqac@theoxford.edu**
Alternate Email	**engadmin@theoxford.edu**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://theoxfordengg.org/pdf/Ox-ENG-%20AQAR-%202018-19-.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.theoxfordengg.org/pdf/Academic%20Calendar.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.35**	**2014**	**05-May-2014**	**04-May-2019**

6. Date of Establishment of IQAC	**17-Aug-2011**

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
Skill Development	**06-Jun-2019**	**150**

Training program conducted	1	
On campus campus interview organized	13-Sep-2019 13	856
Data Analytics & Academic Writing- using open sources(Jamovi & Zotero)	08-Jul-2020 1	48
Workshop on Data Analytics in Retail Marketing	26-Aug-2019 1	40
NIRF Submitted	09-Dec-2019 1	0
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
TOCE/ CSE/ Dr. R.R. Ch.A. Naidu	AICTE PRERANA	AICTE	2019 365	683000
TOCE/ CSE/ Prof. Seema Patil	KSCST	KSCST	2019 270	4000
TOCE/ CSE/ Prof. G. Florance	KSCST	KSCST	2019 270	4500
TOCE/ ISE/ Dr. R. Kanagavalli	KSCST	KSCST	2019 270	4000
TOCE/ ISE/ Prof. Amaresha	KSCST	KSCST	2019 270	5000
TOCE/ ECE/ Dr.Preetha Sharan	AICTE	AICTE	2019 720	1529647
TOCE/ ECE/ Dr.Preetha Sharan	VGST	VGST	2019 720	2500000
TOCE/ ECE/ Dr. Manju Devi	KSCST	KSCST	2019 365	5000
TOCE/ Mech/ Prof. Rohan	KSCST	KSCST	2019 270	6000
TOCE/Mech/ Prof. Nagaraj TV	KSCST	KSCST	2019 270	6000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes

Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Research Funds got sanctioned by KSCST, BIRAC and AICTE New Delhi

1 IPR Workshops conducted

32 Linkage activities conducted with Institutions/ Industries

Rs. 96.36Lakhs incurred expenditure on infrastructure development

25 Vacant post are filled with new Qualified Faculties

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

Plan of Action	Achivements/Outcomes
Provide training to students to get placement and join higher education-	**335 got placed in different companies through on campus and,455 through off campus. 22students joined higher education**
To sensitize students regarding social issues and their holistic development conduct extension activities	**13 extension activities conducted and 33 faculties, 924 students participated.**
To enrich syllabus conduct value added/ Add on certificate programs	**9 value added courses offered and 826 students participated.**
Improve Pass Percentage	**Total pass percentage UG & PG is 98.49**
Encourage faculties for publication of research papers-3.3.3	**6 research publication notified in the International journals**
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body	14-May-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2021
Date of Submission	31-Jan-2021

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	• The Institution uses a Management information system to share the information about students and faculty through Eazycollege (www.eazycollege.in) software. • Eazycollege is used to maintain a complete record of teaching learning process and student activities in academics. • The MIS provide three kinds of mobile applications viz. Student, Parent and Teacher Application which has different modules accessible depending on users. • The daily attendance is uploaded by faculty of the subject during lecture to the MIS using Mobile App. • Student registration records, marks grades, student progression data, internal assessment details, progress reports, attendance details are maintained and shared in Eazycollege. • The periodic status of the student attendance and performance is informed to the parents. • Student and faculty profiles, faculty workload details, class time table, faculty timetable are maintained using the Eazycollege software. • SMS Alert System of Eazycollege is used to share information to students, staff members and parents. • Eazycollege has Feedback Management module where students provide feedback of a faculty for each semester. • Staff Attendance System:

The attendance of the staff is maintained by the Bio matrix facility provided in our college. The data is stored in the database of the server which can be easily exported in excel format. • 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. • Saral Pay pack software is used for Staff Payroll and salary processing effectively. • 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. It has separate access features for faculties, students, research fellows, researchers of various branch, department or stream.

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 ten Under Graduate Programmes including B-Arch, ten M-Tech programs, MBA, MCA and Research Programmes (Ph.D.) in twelve disciplines. The College follows to the Curriculum and Syllabus prescribed by the university. In the beginning of every semester Principal conducts the meeting with the Heads of Departments. In the meeting it is discussed and finalized various strategies for effective implementation of the curriculum. Academic Calendar is prepared by the Committee based on VTU Academic calendar. It 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 planned. The Time-table is prepared by the Committee as per the teaching schedule of the University and departments requirements. The faculty along with HODs conduct their internal meetings and develop academic plans, lesson plans, and course files for the ensuing academic year. The departments systematically design and develop action plans for effective implementation of the curriculum. Action plan: • The lesson plans are prepared in accordance with the curriculum and College Time-table are followed accordingly. • The syllabus coverage and course delivery is 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, webinars 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, Webinars, Conferences, Paper Presentations, Soft Skills Training Programs Add-on/Certificate programsto 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. • Institution organises various extension activities to instil social responsibility amongst students. • Competency mapping is held at department level to guarantee higher efficiency of the faculty. • 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/entreprene urship	Skill Development
C,C, Java Python with Machine learning and Artificial I ntelligence(Technical Training)	Nil	Nil	30	Employabil ity	Nil
Programming language(C,C ,JAVA,HTML,P ython) and advanced concepts(ML and AI)(Tech nical Training)	Nil	Nil	30	Employabil ity	Nil
Soft Skill Training	Nil	Nil	30	Nil	Skill Development
Automation on PLC SCADA, LV Switchgears and Drives(T echnical Training)	Nil	Nil	30	Employabil ity	Nil
Technical Training	Nil	Nil	30	Employabil ity	Nil
Soft Skill	Nil	Nil	30	Nil	Skill

Training Program					Development
C, C programming OOPS,biopython(Technical Training)	Nil	Nil	30	Employability	Nil
soft skill Aptitude training	Nil	Nil	30	Nil	Skill Development
Soft Skill Training	Nil	Nil	30	Nil	Skill Development
Technical Training	Nil	Nil	30	Employability	Nil
C,C, Java Python with Machine learning and Artificial Intelligence(Technical Training)	Nil	Nil	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
Nill	Nil	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Science Engineering	01/08/2019
BE	Information Science Engineering	01/08/2019
BE	Mechatronics Engineering	01/08/2019
BE	Civil Engineering	01/08/2019
BE	Electrical Electronics Engineering	01/08/2019
BE	Automobile Engineering	01/08/2019
BE	Biotechnology Engineering	01/08/2019
BE	Electroni Communication Engineering	01/08/2019
BE	Mechanical Engineering	01/08/2019
Mtech	Computer Science Engineering	01/09/2019

Mtech	Computer Science Engineering	01/09/2019
Mtech	Structural Engineering-Civil	01/09/2019
Mtech	Electrical Power Electronics Engineering-EEE	01/08/2019
Mtech	Computer Aided Engineering Design-EEE	01/08/2019
Mtech	Automobile Engineering	01/09/2019
Mtech	Bioinformatics-BT	01/09/2019
Mtech	Digital Electronics Communication-ECE	01/09/2019
Mtech	Digital Communication Networking-ECE	01/09/2019
Mtech	Thermal Power Engineering -Mechanical	01/09/2019
Mtech	Machine Design-Mechanical	01/09/2019
MCA	Master of Computer Application	01/09/2019
MBA	Master of Business Administration	01/09/2019

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

	Certificate	Diploma Course
Number of Students	895	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
Programming languages and Python with AI ML-CSE	11/04/2019	93
Programming languages and advanced concepts-ISE	11/04/2019	97
Technical training for C, C and data structures-ECE	11/04/2019	83
Technical training for C and java- MCA	11/04/2019	121
Soft skills training - EEE	11/04/2019	76
Technical training- ME	11/04/2019	109
Revit Architecture(2019-2020)-CV	11/04/2019	108

Technical Training-BT	11/04/2019	31
Technical Training -MBA	11/04/2019	108
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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	ECE	196
BE	EEE	70
BE	ME	45
BE	BT	45
BE	CV	110
BE	CSE	93
BE	B.E(IS)	97
BE	AU	45
BE	MT	34
BE	BT	31
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The feedback on the curriculum was collected from the students, teachers, alumni and employer. The feedback was collected on few important criteria such as • Innovative teaching methodologies. • Suitability to the current industry requirements. • Research work and activities and projects/consultancy to be carried out. • Promoting ethical values, self-discipline. • Initiative of the college in introducing number of supplementary enrichment programs From the feedback obtained for the year 2019-20, Curriculum committee members felt that there would be a need for college to embark on accepting research projects also address problems referred by industries to make the institution self-sustainable to retain a high level of competence both in teaching research areas. Actions taken by the institution: • Encourages research work and publication in reputed journals. • To conduct more seminars, guest lectures and to motivate students staff to take up real time projects to improve Industry Institute interaction. • To include Industrial Visits as part of the curriculum for students to improve technical skills • To enter into MOU's with various industries to improve Industry-Institute Interaction • To award the students staff members who have participated in research activities.

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 (CSE)	120	0	116
BE	Information Scienc & Engineering (ISE)	120	0	111
BE	Electronics & Communication Engg (ECE)	120	0	92
BE	Electrical & Electronics Engineering (EEE)	120	0	42
BE	Mechinical Engineering (ME)	120	0	22
BE	Mechatronics (MT)	60	0	25
BE	Civil Engineering (CV)	120	0	31
BE	Biotechnology (BT)	60	0	30
BE	Automobile Engineering (AU)	60	0	14
Mtech	CSE (Computer Science & Engg.)	18	0	1
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2208	510	194	45	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
269	269	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 1:10. 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
2718	269	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
269	269	0	25	42

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.Preeta Sharan	Professor	IEEE Project Expo -2019

2019	Prof.Prakruthi P	Assistant Professor	Young Achiever Award 2019
2019	Seema Patil	Associate Professor	KSCST
2020	Prof.Prakruthi P	Assistant Professor	Young Scientist Award
2020	Prof.Prakruthi P	Assistant Professor	Excellence in Teaching Award
2019	Prof. Nagaraj T V	Assistant Professor	KSCST
2019	Prof.Amaresha	Assistant Professor	Best Project of the year (KSCST)
2019	Dr. Preeta Sharan	Professor	Session Chair for Photonics and Opto Electronics - BVICAM- New Delhi
2019	Dr.Preeta Sharan	Professor	Light Excellence Award - IEEE from GSSS IT , MYSURU

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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	8 SEM	11/06/2020	28/09/2020
BE	ISE	8 SEM	11/06/2020	28/09/2020
BE	ECE	8 SEM	11/06/2020	28/09/2020
BE	BT	8 SEM	11/06/2020	28/09/2020
BE	EEE	8 SEM	11/06/2020	28/09/2020
BE	MECH	8 SEM	11/06/2020	28/09/2020
BE	CV	8 SEM	11/06/2020	28/09/2020
BE	AU	8 SEM	11/06/2020	28/09/2020
BE	MT	8 SEM	11/06/2020	28/09/2020
MBA	MBA	4 SEM	14/09/2020	23/10/2020

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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-2019-20.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
CS	BE	Computer Science	93	93	100
IS	BE	Information Science	97	97	100
EC	BE	Electronics & Communication	83	80	96.39
EE	BE	Electrical & Electronics	81	79	97.53
ME	BE	Mechanical Engineering	96	92	95.83
BT	BE	Biotechnology	31	31	100
CV	BE	Civil Engineering	108	103	95.37
AU	BE	Automobile Engineering	41	41	100
MT	BE	Mechatronics Engineering	59	59	100
CS	Mtech	Computer Science and Engineering	2	2	100

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2.7 – Student Satisfaction Survey

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

http://www.theoxfordengg.org/pdf/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
Major Projects	730	BIRAC	40	40

Major Projects	730	VGST	20	20
Minor Projects	270	KSCST	0.06	0.06
Minor Projects	270	KSCST	0.06	0.06
Minor Projects	270	KSCST	0.06	0.06
Major Projects	720	KSCST	15.29	15.29
Minor Projects	720	VGST	25	25
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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
No Data Entered/Not Applicable !!!		

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
Excellence in Teaching Award	Prof. Prakruthi.P	Asian Education	05/09/2020	Teacher
Young Scientist International Scientist Awards on Engineering, science and Medicine	Prof. Prakruthi.P	Awards on Engineering, science and Medicine	16/02/2020	Teacher
Best Paper Award/ICePhast 2020	Prof.Laya Tojo	SRM Institute of science and technology ,Tamil Nadu	18/11/2020	Teacher
Best Paper Award/ICePhast 2020	Prof .Manju Devi	SRM Institute of science and technology ,Tamil Nadu	18/11/2020	Teacher
Best Paper and Student project award	Dr Preeta Sharan	BHTC -2020 IEEE Bangalore Section	10/10/2020	Teacher
Best Paper Award	Dr Preeta Sharan	NMAM Institute of Technology	23/12/2020	Teacher
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsered By	Name of the	Nature of Start-	Date of

Center			Start-up	up	Commencement
Nil	Nil	Nil	Nil	Nil	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
10	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
Mathematics	2
ME	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	EC Engineering	3	0
National	Mathematics	1	0

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

Department	Number of Publication
Electronics and Communication Engineering	5
Mechanical Engineering	6

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
On Schur M- Power Convexity For Proportion Of Distinction Of Some Special Means In Two Variables	Sreenivasa reddy Perla and S Padmanab han	JETIR	2019	0	The Oxford College of Engineerin g	0
An extension	G Sandhya	IOP Conf.	2019	2	The Oxford	2

of golden section algorithm for n-variable functions with MATLAB code	Rani, Sarada Jayan and K V Nagaraja	Ser.: Mater. Sci. Eng.			College of Engineering	
An investigation on adaptive HTTP media streaming Quality-of-Experience (QoE) and agility using cloud media services	Dr. E. Saravana Kumar	International Journal of Computers and Applications	2019	21	The Oxford College of Engineering	21
Extreme Precipitation Events in Chennai Metro City Using Data Mining	R.Senthil Kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	The Oxford College of Engineering	0
A Traffic Delay and Bandwidth Based Multipath Scheduling Approach for Optimal Routing in Underwater Optical Network	R. Bhargava Rama Gowd, S. Thenappan M. N. GiriPrasad	Wirless Personal Communications	2019	1	The Oxford College of Engineering	1
Design of ultra-high sensitive biosensor to detect E. Coli in water	Sandip Kumar Roy, Preeta Sharan	International Journal of Information Technology	2019	2	The Oxford College of Engineering	2
Highly	Shaikh	Internat	2019	2	The	2

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
sensitive lab-on-chip with deep learning AI for detection of bacteria in water	Afzal Nehal, Debpriyo Roy, Manju Devi T. Srinivas	ional Journal of Information Technology				Oxford College of Engineering
Adaptive strategy operators based GA for rule discovery	T. Shobha, R. J. Anandhi	International Journal of Information Technology	2019	0		The Oxford College of Engineering	0
Diversity based self-adaptive clusters using PSO clustering for crime data	Seema Patil R. J. Anandhi	International Journal of Information Technology	2019	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
Adaptive strategy operators based GA for rule discovery	T. Shobha, R. J. Anandhi	International Journal of Information Technology	2019	14	0	The Oxford College of Engineeirng
Diversity based self-adaptive clusters using PSO clustering for crime data	Seema Patil R. J. Anandhi	International Journal of Information Technology	2019	14	0	The Oxford College of Engineeirng
An extension of golden section algorithm for n-variable functions	G Sandhya Rani, Sarada Jayan and K V Nagaraja	IOP Conf. Ser.: Mater. Sci. Eng.	2019	31	2	The Oxford College of Engineeirng

with MATLAB code						
An investigation on adaptive HTTP media streaming Quality-of-Experience (QoE) and agility using cloud media services	Dr. E. Saravana Kumar	International Journal of Computers and Applications	2019	13	21	The Oxford College of Engineeirng
Extreme Precipitation Events in Chennai Metro City Using Data Mining	R.Senthil Kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	0	The Oxford College of Engineeirng
A Traffic Delay and Bandwidth Based Multipath Scheduling Approach for Optimal Routing in Underwater Optical Network	R. Bhargava Rama Gowd, S. Thenappan M. N. GiriPrasad	Wirless Personal Communications	2019	54	1	The Oxford College of Engineeirng
Design of ultra-high sensitive biosensor to detect E. Coli in water	Sandip Kumar Roy, Preeta Sharan	International Journal of Information Technology	2019	14	2	The Oxford College of Engineeirng
Highly sensitive lab-on-chip with deep learning AI for	Shaikh Afzal Nehal, Debpriyo Roy, Manju Devi T. Srinivas	International Journal of Information Technology	2019	14	2	The Oxford College of Engineeirng

detection of bacteria in water				

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	49	7	45
Presented papers	12	33	1	2
Resource persons	2	2	0	0

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donations Camp	ROTARY CLUB	1	148
Indian Constitution Day	NSS Unit TOCE	2	149
Vigilance Awareness Programme	Bank of Baroda/ Vijaya Bank	1	153
National Unity Day	NSS Unit TOCE	2	149
Plastic Waste Free Campaign	NSS Unit TOCE	2	146
Water Conservation Campaign	NSS Unit TOCE	2	175
Cauvery Callingon Swachh Bharath	NSS Unit TOCE	2	157
Plantation Drive	BrahmaKumaris Foundation	2	152
Matribhasha Diwas	NSS Unit TOCE	2	155

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Vigilance Awareness Week	Award for Conducting Vigilance awareness week	Vijaya Bank (Now Bank Of Baroda)	30

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Blood Donation Camp	ROTARY CLUB	Blood Donation Camp	1	148
Samvidhan Divas	NSS Unit-TOCE	Indian Constitution Day	2	149
Vigilance Awareness Program	Bank of Baroda/ Vijaya Bank	Vigilance Awareness Programme	1	153
Rashtriya Ekta Diwas	NSS Unit-TOCE	National Unity Day Unity Day Celebration	2	149
Swachhta Hi Seva 2019	NSS Unit-TOCE	Plastic Waste Free Campaign	2	146
campaign to revive the Cauvery river	NSS Unit-TOCE	Cauvery Calling	2	157
Green India- Clean India	BrahmaKumaris Foundation	Plantation Drive	2	152
Ek Bharat Shreshtha Bharat	NSS Unit-TOCE	Matrbasha Diwas	1	155
Jal Shakti Abhiyan' During Swachhta Pakhwada	NSS Unit-TOCE	Water Conservation Campaign	2	175
Old age home visit	NSS Unit-TOCE	Mathru chaya old age home Bangalore 16 June 2019	2	75

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
Students Exchange- Student Projects On 1)Interaction Studies Of Selected Lead Candidates With Anti-Apoptotic Bcl-2 Protein To Reactivate Trail- Induced Apoptosis In Lymphoma Cell Lines	4	TOCE	730

Students Exchange-Student Internship On 1)A Double-Blind, Multicentre Placebo Controlled Study Of Paroxetine In Adolescents With Unipolar Major Depression Using Sas 2)Study On Patients With Impaired Glucose Tolerance Or Patients With Type 2 Diabetes	9	TOCE	730
Students Exchange-Student Internship On Recombinant Dna Technology And Projects On 1)Isolation Of Phytoconstituents From Leucas Species Using Advanced Biophysical Techniques 2)Synthesis Of Bioplastics Using Cassava Starch Containing Phytochemical Ext	3	TOCE	730
Students Exchange-Remote Monitoring Of Rail Wheel Model	1	TOCE	730
Faculty Exchange-Automatic Mask And Medicine Vending Machine With Automatic Hand Sanitizer And Refilling For Covid-19	4	TOCE	730
Faculty Exchange-An Expert Talk On Management And Technology	122	TOCE	365
Faculty Exchange-Webinar On Data Science (19/6/2020)	60	TOCE	1095
Faculty Exchange-Preventing And Detecting Data Leakage Discharge Analysis (18-07-2019)	1	TOCE	1095

Faculty Exchange-Webinar On Iot And Embedded Systems (27/7/2020)	70	TOCE	1095
Students Exchange-Student Project On Study Of Anticancer Activity Of Essential Oil From Pimeta Diocia	2	TOCE	730

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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	Role of AI and ML in Industry	Combained Research Org anization, #65/1, First Floor, G.S Palya Road, Konappana Agrahara, E-City Post, Bangalore 560100 9916598045	12/06/2019	12/06/2019	6
Job Training	Research directions on IoT	Technizz Infotech , Electronics City ,Bangalore Ph: 080-48525429	01/03/2020	01/03/2020	7
R and D	Expert Lecture On Cyber Security	Tequed Labs, #3, 1st Main Rd, Ittamadu, Banashankari 3rd Stage, B anashankari, Bengaluru, Karnataka 560 085.	10/10/2019	10/10/2019	40
Internship	Preventing and detecting data leakage discharge	Techciti, J.P Nagar, Bengaluru, K arnataka-560 078	18/07/2019	18/08/2019	1

R and D	Expert lecture on 4G	3G Solutions, Banashankari 2nd Stage, Bengaluru, Karnataka 560070 099801 66186	25/08/2019	25/09/2019	35
Internship	Study of load impact on rail using optical sensors	Lab to market Innovation Pvt Ltd,Indian institute of science campus,Bangalore.mob:9845019271	20/10/2019	20/11/2019	1
Internship	Acoustic signal detection using photonic crystal	IEEE Photonic society Bangalore Section. Ph: 9902847847	20/10/2019	20/11/2019	1
Internship	Bacterial analysis of drinking water using photonic crystal based sensor	IEEE Photonic society Bangalore Section.Ph:9902847847	20/10/2019	20/11/2019	1
Internship	Temperature monitoring system using optical sensors	IEEE Photonic society Bangalore Section.Ph:9902847847	20/10/2019	20/11/2019	4

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Tequed Labs, #3, 1st Main Rd, Ittamadu, Banashankari 3rd Stage,	09/04/2019	Webinar On Data Science (19/6/2020)	60
Techciti, J.P Nagar, Bengaluru, Karnataka-560078 08026981300Infotech	26/12/2019	Preventing And Detecting Data Leakage Discharge Analysis	1

		(18-07-2019)	
3g Network Solutions, Banashankari 2nd Stage, Bengaluru, Karnataka 560070 099801 66186	09/09/2019	Webinar On Iot And Embedded Systems (27/7/2020)	70
Stelixr Biotech Pvt.Ltd	18/07/2019	Student Project On Study Of Anticancer Activity Of Essential Oil From Pimeta Diocia	2
Zastra Innovations	23/03/2019	Student Projects On 1)Interaction Studies Of Selected Lead Candidates With Anti-Apoptotic Bcl- Protein To Reactivate Trail- Induced Apoptosis In Lymphoma Cell Lines	4
Eduvercity Pvt.Ltd	22/10/2019	Student Internship On 1)A Double-Blind, Multicentre Placebo Controlled Study Of Paroxetine In Adolescents With Unipolar Major Depression Using Sas tudy On Patients With Impaired Glucose Tolerance Or Patients With Type 2 Diabetes Treated With Differi	12
Azyme Bioscience Pvt.Ltd	27/12/2019	Student Internship On Recombinant Dna Technology And Projects On Isolation Of Phytoconstituents From Leucas Species Using Advanced Biophysical Techniques Synthesis Of Bioplastics Using Cassava Starch Containing Phytochemical Extracts	3

Plantszone	02/04/2020	Organized Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	123
Gened Technologies	02/06/2020	Organised An Expert Talk On Management And Technology	122
Conmbined Group Of Science Technology	04/10/2019	Workshop On Marketing Research And Techniques	99

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
68.98	43.6

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)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
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
Campus Area	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or 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	55508	15958960	90	2950	55598	15961910
	3078	1329039	2	798	3080	1329837

Reference Books						
e-Books	31954	0	11113	0	43067	0
Journals	0	0	0	0	0	0
e-Journals	32273	2505994	1700	100000	33973	2605994
Digital Database	8	0	10	0	18	0
CD & Video	3082	0	3	0	3085	0
Library Automation	1	289750	0	12000	1	301750
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	24	247824	24	45002	48	292826

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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 Ch A Naidu	DBMS	Microsoft Powerpoint	17/09/2019
Dr. E. Saravana Kumar	Application development using Pytthon	Microsoft Powerpoint	20/09/2019
Dr. Senthil Kumar	Computer Graphics	Microsoft Powerpoint	22/09/2019
Ms. Seema Patil	Cloud Computing	Microsoft Powerpoint	27/09/2019
Ms. Shobha T	Simulation Modeling and Systems	Microsoft Powerpoint	30/09/2019
Ms. Sowmya H K	Computer Networks	M S Team	10/10/2019
Dr.Chrispinjiji	Wireless LTE	Microsoft Powerpoint	17/09/2019
Dr.R.Bhargava Rama Gowd	Signals Systems	Microsoft Powerpoint	22/09/2019
Prof.Soumya Padukone	Digital Switching systems	Microsoft Powerpoint	27/09/2019
Prof.Laya Tojo	Basic Electronics	Microsoft Powerpoint	30/09/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	613	19	613	1	0	14	14	60	0
Added	101	2	101	0	0	0	0	0	0
Total	714	21	714	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/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 incurredon maintenance of physical facilites
98	96.36	70	66.89

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 facility and the maintenance of which is outsourced.To contest the voltage fluctuations and black-outs, theinstitute 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 ITfacilities, are well maintained by the System Administrators.. Library: Every year, the college forms a library committee which evaluatesthe 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 iswell taken care of on regular basis. Sports: The Institute has appointed a Physical Director for planning optimum utilization ofsports facilities throughout the year. Fire Resisting Kit: Campus has fire extinguishers in each building and all flours. 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.

http://www.theoxfordengg.org/pdf/Policy%20for%20Utilising%20&%20Maintainance%20of%20Physical%20&%20Academic%20Facilities.pdf

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	21	929000
Financial Support from Other Sources			
a) National	Fee concession Scheme(Karnataka Government-SSP-OBC), SC-ST Welfare, Minority Department	1282	33836569
b)International	0	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
Soft Skill Training	04/11/2019	923	IT and Non IT training
Presentation, writing skills and mock interview	04/11/2019	215	Prof.Jessy koshy(in house)
Computer Organization- CSE	10/10/2019	101	Ms. Shilpa GV , Vemana IT
Career guidance- CSE	18/10/2019	97	Mr. Bhanu Chander,
Machine learning and data science-	19/09/2019	109	Mr. satish Reddy

CSE			
Coding Standards and Introduction to Data Structure-CSE	26/10/2019	101	Shashank Pyate
Machine Learning Workshop-CSE	19/09/2019	92	Mr. Satish Reddy, trainer
Cloud/Doker Concepts-CSE	17/10/2019	106	Mr. Vilas Varghese,
Multimedia and Animation-CSE	24/11/2019	106	Prof. Suraj D and Ms. Kamini S
Career guidance-CSE	13/02/2019	97	Mr. Rahul Reddy

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	TOEFL	86	0	0	0
2019	CAT	89	0	0	0
2019	PGCET	73	0	0	0
2019	KAS	84	0	0	0
2019	UPSC	120	0	0	0
2019	IELTS	79	0	0	0
2019	GRE	67	0	0	0
2019	GATE	95	0	0	0
2019	KPSC	87	0	0	0
2019	IAS	100	0	0	0

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
24	24	8

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
1. SAP Labs 2.	587	328	Nil	0	0

Goldman sachs 3. Infosys 4. TCS 5. JK Technosoft 6. Byjus 7. Jaro 8. Infosys 9. Cognizant 10. Mindtree 11. Wipro 12. Pin Click 13. PALLE 14. DTDC 15. Tech Mahindra 16. Tavant Technologies 17. eRelogo Digi pvt ltd 18. Fame Technologies	

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	18	BE	BT, CS, CS, CSE, CSE, CS, EC, EC, EC, EC, EC, EEE, EEE ISE, ME, ME, MT, MT, MT, MT, MT, MT,	1. University of Cambridge 2. Pes University 3. University DES Saarlandes 4. Dayananda Sagar University 5. Jain School of Engineering and Technology 6. Dayananda Sagar University 7. Charles Strut University 8. RV Institute of Management 9.	MPHIL (Biological Science (Genetics)), MS (Informatics), M TECH, M.Tech, M TECH (Marker Transmission Ratio Distortion), M TECH, MS, MBA, MS, M TECH (VLSI Design), MS (Computer Engineering), MS Electrical And Electronics), MS (Computer Science Focus B

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3
TOFEL	1
Any Other	10
SLET	1
Civil Services	1

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

Activity	Level	Number of Participants
Republic Day	Institution level	30
Independence Day	Institution level	30
Kannada rajyotsava	Institution level	600
Teachers day celebration	Institution level	300
Vigilence awareness program	Institution level	40
Womens day celebration	Institution level	150
Ayudha pooja celebration	Institution level	300
Induction program for B.E	Institution level	300
NCSEM -paper presentation/poster presentation	Institution level	500

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Second Prize - Poster Com petition in Vigilance Awareness Week conducted by Bank of Baroda	National	Nill	1	1OX18EC013	Archana A - ECE

2019	First prize	National	Nill	1	1OX17EE024	Ivana Merlin-EEE

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

Institution respects the views and opinions of the students, both in academics and administration. In order to implement their views and opinions, institute has framed following committees for the academic year 2019-20 including Student Council • Student council – composed of President, vice president, secretary and joint secretary. The council is responsible for conducting cultural activities in the college and also participates in addressing other issues of college related to academics and administration. • 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. 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 constituted following committees • Training, Placement And Competitive Examination • Slow And Advanced Learners, Committee • Parent-Teacher And Mentoring Committee • Research Development And Sustenance Committee • Institutional Ethical Committee • Ict Facilities And Smart Classes Committee • Infrastructure Maintenance And Upgradation Committee • Staff And Student Welfare Committee • Feedback Analysis Committee • Alumni Association Committee • Physical Education Committee • Result Analysis and Examination Grievances Redressal Committee • Curricular, Co-Curricular And Continuing Education Committee • Women cell • National Service Scheme Committee • Anti-Ragging Committee • Library Advisory Committee Each committee is composed of both male and female student representatives from UG and PG with one faculty coordinator. The above committees will conduct meeting twice in a semester to convey the problems of the students to management and also provide inputs on how the grievance of the students can be resolved and what further steps to be taken in order to avoid such situations in the future

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 oxford college of Engineering is playing valuable role in the life and career of students. It has molded many engineers, managers, Software Professionals , Teachers etc,.. The TOCEAA brings all these people together on a single platform to support and progress presently studying students and institutional endeavors. The oxford college of Engineering Alumni Associations conducts regular meetings in which possibilities of helping the institution and the presently studying students are discussed. TOCEAA is a central point of contact among alumni to interact and network with each other. During these meetings, conducting of different activities of alumni is

discussed in length and action plan is drawn for the whole year. Accordingly activities are conducted throughout the year inviting eminent alumni for sharing their rich experiences which helps present students to get employment in the form of placement or self employed. During 2019-20 alumni meet was held on 04-03-2020 in which more than 150 alumni's participated and interacted with students and faculties. The alumni went round the campus to see the changes that have taken place in the past years and they expressed their happiness looking at the quality changes that is took place in the institution. TOCEAA organized various cultural programs, fun games for entertaining alumni. Alumni shared their experiences during the college days that is how they started their journey in this college how to take up the things in the academic sessions to the juniors. The program ended with dinner and vote of thanks by the organizers. During the year 880 alumni's registered their name in the association and Rs 4,40,000 was collected towards alumni contribution.

5.4.2 – No. of enrolled Alumni:

848

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

424500

5.4.4 – Meetings/activities organized by Alumni Association :

During the year 3 Alumni meetings conducted -13-4-2020, 18-2-2020, 24-4-2020. Remember, Reconnect, and Rejoice" is the motto of every alumnus get collectively. This cellular consists of students pursuing UG and PG studies. They get possibilities to organize the program, and sharpen their management, and organizational abilities. Following are the activities Organized by Alumni. Department of BT addressed the gathering by emphasizing importance of alumni coming back to their ALMA MATER. 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 alumni were asked to give the feedback on academic how they would extend their support for which reality accepted to refer their juniors for job in the IT industry. Alumni meet –COALESCE-18th February 2018. It's an opportunity for the students to get to know the real world applications, new technologies that is coming into the market, industrial needs etc. The Alumni Arjun shared his experience and persisted upon spending at least an hour on ourselves and on our skills. Jaya priya shared with the students on various technologies that are running in the industry and how important it is for an Engineering student to learn them and apply them in the Real world problems. Alumni interaction Meet was organized in The Department of MCA on 24th April 2020 to enhance the interaction between alumni, the meeting held on Online, A webinar on virtual Networks by Mr Chengappa R Software Engineer, HPE, Bangalore. The occasion became stimulating and exciting and concurrently worthwhile as all contributors shared their views ideate and precise numbers of new thoughts, data and insights came up. The association is hopeful to run and successfully shape and position itself into a fully useful international platform for TOCE Alumni. The alumni Association simply expressed its gratitude to the honorable Managing Director for his steerage and guide to make this event a grand achievement. 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 Alumni have been escorted to their respective departments via department visit and students interaction. Alumni from each department had a honest and informative dialogue with students and prompted them with their expertise. Students were enthusiastic to see and know

many extra matters approximately those eminent alumni and puzzled them about their secrets of vibrant destiny. Many alumni opined that the important thing purpose for their fulfillment is the platform the institute furnished them and the quantity of help provided by way of the control in the course of thei

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Decentralization 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 through different 25 committees. Coordinators from various functional committees work with members to achieve the prescribed objectives. • College has an Entrepreneurship Development Cell wherein activities are planned and implemented for pioneering the youngsters into leaders. • Various lectures and development programs on leadership skills are conducted. • 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 departments together conduct National Conference on Science, Engineering and Management (NCSEM) every year. • 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 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 Institute consistently promotes a culture of participative management. Institute follows committee system for implementation of all its decisions and resolutions. Committees comprise of faculty members and students. Governing Council has representation from faculty. HODs take the decisions and implement action plan. Department faculty is involved in implementation of the policies of the department. Hence at all levels there is participative management • Convenience of senior faculty members with rich experience is the inspirational driving force for others to follow. • At the institution level, the college has practice of listening to voices from the students and faculty members through proper channel. • HOD meeting with Principal is conducted fortnight and minutes of the meeting are recorded and sent to the management. Quality Circle meeting is conducted with the HODs by the Principal every week, before commencement of regular classes. • At department level, department meeting is conducted once in a week by the HOD in order to address the grievances and in turn represent it to the top management. Class committee meeting for all classes is conducted thrice a semester headed by the class committee chair person who convenes the meeting as scheduled which serves as a platform for the students to represent their academic and non-academic needs. Minutes of class committee meeting are sent to the Head

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. • Faculty are motivated and monitored for effective class room teaching and are appraised time to time by HOD and Management • Employee 's salary will be credited in the bank account directly the bank extension counter works all days inside the campus. • 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. • 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 Human Resources Department – Faculty retention strategies • A standard performance appraisal framework and its relation to benefits and incentives will implement by the organization. • The availability of a straightforward path for career enhancement and also opportunity for self-development. • HR Department will generate more knowledge and training to be offered to faculty to communicate their views and procedures and policy of the grievance. • HR and management are responsible for closing of all complaints at the earliest to ensure that the faculty feels secure in the grievances. • Create transparency in all faculty related activities. • It is mandatory to incorporate clear family supportive policies for creating work-

	life balance and benefits
Library, ICT and Physical Infrastructure / Instrumentation	Manuals, reference texts, and journals is always accessible in the library for effective course delivery. In addition, a special audio-visual room is available in the library to assist students in listening to lectures presented on different topics by VTU experts via web telecast. The college has a VTU library card, which is beneficial to scholars from various departments. In addition, NPTEL video classes are accessible. Aside from the central library, each department has its own library with a large collection of books, magazines, and papers for faculty and academic scholars to use. Books needed for study are made accessible on special request by research scholars, and library resources are available for longer hours. Books and journals are bought and added to the library when the VTU syllabus is updated and as needed by departments. Departmental equipment/instrument specifications are met on a regular basis. The organization actively promotes and supports the use of ICT resources to enhance students learning either in and out of the classroom. ICT is used in all classrooms, as well as large lecture halls and an auditorium for advanced uses. The Research and Development lab has the most up-to-date workstations with MATLAB, SPSS, and internet connectivity for completing research projects, as well as a variety of other research-oriented applications.
Research and Development	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 an 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 sand 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	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.

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

E-governace area	Details
Planning and Development	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.
Administration	Notice and circulars are communicated to different departments through e-mail from the office of the Principal.
Finance and Accounts	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.
Student Admission and Support	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 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
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Python Programming	Nil	18/11/2019	18/11/2019	6	Nill
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
two weeks FDP on LATEX	1	17/04/2020	30/04/2020	14
NPTEL:Problem Solving using C	2	07/01/2019	31/10/2019	120
Applications of Python Programming in Data Analytics and Machine Learning-Research Perspective	3	15/06/2020	19/06/2021	5
National Level online FDP on Python Programming	4	06/05/2020	06/11/2020	7
online FDP on Artificial Intelligence	3	22/05/2020	26/05/2020	5
5 day virtual fdp online FDP on "VMware vSphere",	3	22/06/2020	26/06/2020	5
Operations Management: Developing new perspective in the era of AI/ML	4	30/05/2020	07/06/2020	6
Emerging Trends in Computer Science Engineering	4	06/10/2020	11/10/2020	5
5 days online FDP on Python Programming	2	18/02/2020	22/05/2020	5
Microcontroller and Embedded Systems	1	02/04/2020	02/06/2020	3
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
269	269	82	82

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)

The accounts of the College are audited regularly as per the Government rules. An internal auditor audits our accounts every quarter. The internal auditor checks receipts with fee receipts and payments with vouchers and necessary supporting. He also ensures that all payments are duly authorized. The external auditor conducts statutory audit at the end of financial year. The report of external auditor for last two years along with audited Balance Sheet and Income Expenditure account is maintained in the office. The audit will be done on 31st March of every year and there were no major objections in the same.

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
IEEE BS SHTPF	10000	Development of Project Funding for students

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6.4.3 – Total corpus fund generated

0

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	Yes	Head of the Department
Administrative	Yes	LIC	Yes	Head of the Institutes

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

a. Parents as the stakeholder, their valuable feedbacks will be collected for the improvementof the academics during Alumni meet. b. Parents are invited for Parent Teacher Meeting as per the schedule. Every semester threetimes 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. c. Parents are involved in the department advisory committee as members toshare their valuable inputs towards the improvement of the curriculum and other activities

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

1. Training program on Usage of office automation tool for administrative staff is conducted on 19-12-2019, 8 Staff participated. 2. Attenders and Sweepers were given awareness on Sanitization of surroundings during COVID pandemic on 13-05-2020, 10 Attenders and Sweepers participated. 3. Program on Swachhata Pakhwada for Housekeeping staffs on 24-07-2020, in which 10 staff 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. College has got 3 Patents after accreditation.

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
2019	Workshop on Data Analytics in Retail Marketing	26/08/2019	26/08/2019	26/08/2019	40
2019	Data Analytics Academic Writing- using open sources(Jamovi Zotero)	07/08/2020	07/08/2020	07/10/2020	48
2019	On campus campus interview organized	24/07/2019	24/07/2019	06/09/2020	587
2019	Skill Development Training program conducted	20/10/2020	20/10/2020	24/10/2020	150
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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

"International Women's Day Celebration Talk on Financial empowerment and safe investment Awareness Strategies for Women "	13/03/2020	13/03/2020	150	40

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
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.

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
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating

2019	address locational advantages and disadvantages	taken to engage with and contribute to local community					students and staff
2019	1	Nill	27/11/2019	1	Samvidhan Divas	Social Awareness	35
2020	1	Nill	21/02/2020	1	Matrabhasha Divas	Social Awareness	45
2019	Nill	1	17/10/2019	1	Blood Donation camp	Social service	138

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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	01/01/2020	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 2019-20	01/09/2019	The college has a regular practice of publishing the handbook Calendar at the beginning of every academic year. The handbook and calendar includes various rules and regulations of the college related to library, academic rules and the university examinations regulations. The antiragging committee members details and information related to grievance redressal committee is also included.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Plantation drive (Green India - Clean India)	10/07/2019	10/07/2019	30

Participation in Cavery Calling - Campaign at Tripura Vasini Palace Grounds	08/09/2019	08/09/2019	50
Commemoration of 150th Birth Anniversary of Mahatma Gandhi	02/10/2019	03/10/2019	55
Bank of Baroda Vigilance Awareness Program	07/11/2019	07/11/2019	30
Water Conservation Campaign (Jal Shakthi Abhiyan) One day workshop on Sewage Sewage Teatment Plant	11/09/2019	11/09/2019	82
Clelebration of 70th Anniversary of Indian Constitution Say/Samvidhan Divas	26/11/2019	26/11/2019	51

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

a) Efforts for Carbon Neutrality: • Sufficient plantation on the campus has helped to increase green cover and keep the campus pollution free. • Waste paper generated is sold to vendor for recycling. • Paper usage is minimized by printing on both sides of papers. • Inter department correspondence is made through e-mails. • Plastic bags are not entertained in our college campus. b) Hazardous waste: • The waste material in college is segregated into bio degradable and non-bio degradable wastes, and as toxic and non-toxic wastes in the labs. • Indiscriminate use of chemicals is discouraged during practical classes. c) General awareness: • To raise awareness for global water scarcity among the staffs and students of the college. • To raise awareness on no plastic usage among staffs and students in the campus. • Awareness among students on saving electricity in the classes and labs by switching off the lights and fans. d) Tree Plantation: • Major area of campus is covered with plants lawns, few more saplings planted during the year e) Say no to plastic awareness program conducted.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices – 1 1. Title of the Practice – Teaching and Non Teaching Staff motivated for further Education. 2. Objectives of the Practice 1. The staff motivated for higher education get motivated which make them more productive, happy and highly committed to their job. 2. Working in qualified workplace improves harmony and increases employee performance. 3. Motivation for higher education not only encourages productive performance but also shows employees how much the organization cares. 4. motivating the staff for higher education help them to meet the human's need to grow psychologically. 5. If motivated for self development, employees will want to work and will enjoy their work. 3. The Context As one study concluded, 'people who work in further education are uniquely committed to their jobs and the social purpose of the sector.' The

Institutes that encourage their staff to continue their education build a high quality workforce who are well trained and well educated and help the Institute to achieve viability and feasibility. The Institute should always strive for the development of their staff due to the following reasons – 1. If the Institute expresses a genuine interest in further education, the happy staff will be more loyal, which will increase their productivity. 2. Knowledgeable staff can handle more challenges in terms of technology, methodology and skills. 3. The loyal staff will be retained for a longer period of time, which will decrease the attrition rate. 4. Supporting professional development reduces stress and negativity amongst the staff. TOCE motivates and helps the teaching and non teaching staff for higher education. 4. The Practice It is very rightly said that, "You know that people nearer to the challenges, on the coalface, are going to know much better than people from a distance". TOCE invests in their employees as when employees achieve more the Institute is benefited. TOCE ensures to have and develop the best, most creative, happiest and most loyal employees. The Institute struggles to motivate the teaching and non teaching staff by the following ways – 1. Senior faculty members try to engage the faculty members by leading them. These senior members communicate effectively by being approachable, ensuring effective performance management and inspiring team work. These senior members try to reduce the strain on the further education work force. 2. The effective communication and staff voice is important for building employee engagement at Institute. Effective communication is adopted by variety of channels by promoting staff voice, involving staff in decision making by offering their views, opinions and suggestions. 3. The institute has a strong set of values which emphasis the importance of high quality teaching and learning which motivates the staff to go for higher education. 4. The staff is encouraged to own their careers by supporting them by making the resources available. 5. The decentralized system makes the relationship transparent by sharing the information required. 6. The Institute fosters an environment of constant learning. 7. The staff gets complete access to the library, online resources and computer lab. 8. The Institute shows interest by conducting professional development seminars, conferences, faculty development programs and workshops. 9. The Institute facilitate by providing leaves for any up gradation of the staff on need basis. TOCE is humbly proud to announce that in near future all teaching staff would be 100 PhD holders. The non teaching staff is also trying to upgrade themselves by undergoing various sessions. 5. Evidence of Success TOCE has a number of cases of further education. There are many teaching staff who registered for PhD after joining the Institute. The non teaching staff could go for technical up gradation after joining the Institute. 6. Problems Encountered and Resources Required There are some significant challenges to motivate the staff for further education – 1. First, there is a risk that organizational change. The higher educated staff is always skeptical of changing the organization. This will have a negative impact on the quality of teaching and learning which could lead to friction and disengagement. 2. The staff should not forget that their priority should be students and not only their further education. 3. The balance of work and self development should be maintained in order to manage the stress level. Best Practices – 2 1. Title of the Practice – Institute Loyalty…. Referring Siblings/ relatives / Friends for Admissions 2. Objectives of the Practice – a) The Institute seeks to leverage existing students to bring new students into the fold. b) Existing students understand the benefits of taking admission in the Institute and they often know other people who could benefit from the Institute. c) Students can help the Institute admit new students in times of need, which benefits the Institute as a whole. d) The students may generate a sense of goodwill from the referred friend, who may return the favor in the future. e) Valuing companionship and support from those we are close to, is a common trait for many students and hence refer. 3. The Context Now days the Educational Institutions have become a business field.

They try to market themselves by using various marketing tools. Many Institutes carry out Student Referral Marketing Campaign. The students are given some incentives in cash or in tuition fee credit in return of referring a sibling, relative, friend for admission. We at TOCE do not carry any such marketing campaign but instead the students refer new students. We believe that the existing students have a perception towards the Institute's resources like faculty, infrastructure, placement record, brand image etc and thus use positive word of mouth for the Institute. This perception is passed to the new students by referring them through word of mouth. TOCE after many years of inception is trying to create a stronger community of peers to collaborate with the society. Not only are students our best spokespeople they understand what is involved in the programs as well as the benefits of taking them and they also know other people who could benefit by taking admission at TOCE. Our existing students have a good relationship with the Institute which is generated by psychological and emotional bonds. 4. The Practice The students at TOCE are perhaps the ideal candidate who is ambitious and has come to appreciate the value of career training in a competitive job market. Chances are they might have siblings, relatives, friends who are willing to take admission. In such cases the satisfied students bring in more students. This referral behavior of the students without any incentives helps create a friendly atmosphere in the Institute. When the students come to the Institute for the first time, they are counseled by our trained staff members. They are given complete information about the course, Institute infrastructure, faculty members, placement records, co-curricular and extra-curricular activities and the fee structure. The students are asked to fill the admission form which contents information about the source from where the students got to know about the Institute. The different sources mentioned are Newspaper, TV, Internet or any other source. The source through which the students get the information could be their sibling, friend or relative. This information of the source helps us to trace the existing students who are satisfied. Various studies conducted on student's loyalty towards the Institute mentions that the student's loyalty depends upon the perceived service quality which leads to satisfaction, trust, commitment and loyalty. The factors which develop the perceived service quality could be human ware and hard ware. 5. Evidence of Success We at TOCE try to provide with human ware and hard ware to the students in order to increase the perceived service quality, which increases the satisfaction, trust, commitment and loyalty and fetch with referred new students. 6. Problems Encountered and Resources Required TOCE strives hard to maintain the perceived service quality by continuously improving and working on the factors responsible for the satisfaction of the student fraternity. The teaching staff continuously upgrades themselves to help students excel in academics. The admin staff is always helpful for the students for all college related work. The quality of the support facility like canteen and hostel is maintained as per the standards. The Institute provides with world class infrastructure for the ease and convenience of the students. The Institute tries to build the image and reputation in the minds of the students by balancing all the stakeholders – students, parents, alumni, corporate and society

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-%202019-20.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

4 distinctive areas are identified. 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

Provide the weblink of the institution
http://theoxfordengg.org/pdf/7.3.1-%202019-20.pdf

8.Future Plans of Actions for Next Academic Year

The Institutions has a clear vision of contributing learned graduates and post graduates personal to community, who in turn serve the global community with service and research . The future plans fall under:- 1. Maintaining and improving the academic standards on continuous bases in all the programs offered. 2. To intensify the innovative teaching, learning and evaluation process with innovative approach. 3. To initiate student satisfaction survey on overall institutional development. 4. To strengthen the facilities for specially abled, slow and advanced learners and encourage students from outside the state. 5. Strengthen incubation centre 6. Planning to conduct large number of pre placement activities for the final year students of various courses so as to help students

optimally utilize the benefits of placement opportunities. 7. Continuation of efforts towards eco-friendly practices 8. Strengthen Alumni data base, the activities of alumina and parents through the respective committees 9. Motivate faculty to take up more number of research activities and to publish more number of papers in different journals 10. Start working for establishing "Deemed to be University"