



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	THE OXFORD COLLEGE OF ENGINEERING
Name of the head of the Institution	DR. R V PRAVEENA GOWDA
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08061754601
Mobile no.	9845788599
Registered Email	engprincipal@theoxford.edu
Alternate Email	n.kannan.k@gmail.com
Address	Bommanahalli, Hosur Road, Bengaluru
City/Town	Bengaluru
State/UT	Karnataka
Pincode	560068

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr Mallikarjun K
Phone no/Alternate Phone no.	09740254828
Mobile no.	8050066335
Registered Email	mathshodoxford@gmail.com
Alternate Email	engadmin@theoxford.edu

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://theoxfordengg.org/pdf/page4/OX-ENG-AQAR-2016-17-%20Submitted.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://theoxfordengg.org/pdf/page3/Academic%20Calender.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	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
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop on Arduino andRobotics	13-Oct-2017 1	150
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
TOCE / CSE/Prof. T Shobha	Visual based E-service for transportation system for BMTC	KSCST	2017 180	4000
TOCE / CSE /Prof. Sowmya H K	Android based application to detect potholes and uneven roads in the city	KSCST	2017 180	3500
TOCE / BT /Dr. B.K.Manjunatha	Construction and designing of Bio pile for Ex-situ remediation of used oil/toxic hydrocarbons using fungal consortium	KSCST	2017 180	6000
TOCE / ECE/Dr. Preeta Sharan	Biosensors for detection of various stages of malignant tumor cells	KSCST	2017 180	7000
TOCE / AUTO/Dr. Raju B R	Performanace and emission characteristics of internal combustion engine fuelled with two bio-diesel blend	KSCST	2017 180	12000
TOCE / ECE/Dr. Preeta Sharan	Wireless mouse and keyboard for handicapped	Indian Council of Medical Research, New Delhi	2017 720	932940
TOCE/CSE/Dr. E. Saravana Kumar	Skill and Personality Development Programme Centre for SC/ST Students (SPDP)	AICTE	2017 270	2298824
TOCE/AUTO/Dr. B R Raju	FDP on "World-Class New Product Design & Manufacturing"	AICTE	2017 14	700000

TOCE / ECE/ Dr. Preeta Sharan	Pitch based human computer interface for quadriplegic and speech impaired	KSCST	2017 180	8000
TOCE / AUTO/Dr. Raju B R	Investigation on the mechanical and tribological cj aracterization of Nano particulate fiber reinforced hybrid composites for automobilen applications	KSCST	2017 180	6500

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

• Academic Audit Conducted by Academic Council Member • TechFest Organized • Regular check on Mentoring System and Action Taken • NBA Accreditation • FDP organized in association with VTPC, Bengaluru your Intellectual Property Rights in association with DSTTIFAC, Government of India, KSCST and VTU, Karnataka • One day workshop on DATA Analytics • Workshop on Genomic Informatics sponsored by Bionivid Pvt. Ltd., Bengaluru • AICTE Sponsored FDP on World Class new product design and manufacturing

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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
Improve Pass Percentage	Total pass percentage including UG & PG is 97.39
Proposal and Plan to conduct National and International Level Seminars, Conferences, Workshops, Symposiums, FDPs etc.,	National Level Conference, workshops, seminars, symposiums, FDPs, Intercollegiate Technical Fest and National Level Students Convention and Techno
To implement value added courses and Add on certificate courses-	26 Value added and 32 Add on Certificate courses conducted in which -3425 and 2921 number of students enrolled respectively
View File	

14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

11-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Biometric Attendance System for Staff * Staff Salary through Software System * Library is fully automated and uses the Library Software * Institutional email system * Online system for Daily Reports to students Eazycollege Software * CCTV and Security Systems * Publications in e

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 college systematically designs and develops action plans for effective implementation of the curriculum. At the outset, the Principal of the college conducts meetings regularly with the Heads of Departments to develop various strategies for effective implementation of the curriculum. The academic calendar issued by the affiliating university forms the basis for designing the college semester plan. The college semester plan consists of commencement date and last working date, dates for conduction of the internal assessment tests.

Department-wise calendar of events' is prepared. Thereafter, the faculty members of various departments conduct their internal meetings and develop academic plans such as timetables, lesson plans, and course files for the coming academic year. Teachers are encouraged to plan in advance to impart the curriculum through innovative teaching methods such as presentations,

assignments, discussions, workshops, seminars, industrial visits apart from regular lecture sessions and the same is taken for approval from their Head of Department and the Principal. Thereafter the lesson plans are prepared by the respective faculty in accordance with the curriculum. Lesson plans and subject course files are maintained by each faculty for their respective subjects allotted, which is reviewed on continuous basis by the review committee. The

following criteria have been followed in effective implementation of the curriculum:

- We have a predefined college calendar following the university dates regarding the schedule of the semester (sample of the academic calendar copy will be available for inspection during peer committee visit).
- Lesson plan is made according to the college calendar for each semester.
- As part of our plan in implementing the curriculum, we have scheduled internal assessment tests (minimum of three tests per semester) for all the students.
- Apart from regular classes we have case study/presentation, guest lecturers/workshop hours to enhance the capability of students in presenting the topics related to the curriculum.
- Identification of above-average students and motivating them towards excelling in their academic performance.
- Identification of academically weak students and conducting the remedial classes so as to raise their academic performance.
- Organizing expert lecture series, workshops, and guest lecture to encourage industry-academia interface among students and faculty members on a regular basis. Industrial visits are arranged for the students to be familiar with the industry process to study in the curriculum

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
BASH(Spoken Tutorial Training)	0	11/10/2017	30	Employability	Nil
C(Spoken Tutorial Training)	0	06/10/2017	30	Employability	Nil
C(Spoken Tutorial Training)	0	16/10/2017	30	Employability	Nil
GIT(Spoken Tutorial Training)	0	03/10/2017	30	Employability	Nil
Introduction to Computers	0	13/10/2017	30	Employability	Nil

(Spoken Tutorial Training)					
JAVA(Technical Training)	0	10/10/2017	30	Employability	Nil
Ruby(Spoken Tutorial Training)(Spoken Tutorial Training)	0	10/06/2017	30	Employability	Nil
Blender(Spoken Tutorial Training)	0	04/04/2018	30	Employability	Nil
Big Data(Spoken Tutorial Training)(Spoken Tutorial Training)	0	05/03/2018	30	Employability	Nil
Big Data(Technical Training)	0	05/03/2018	30	Employability	Nil
Network Security(Technical Training)	0	07/03/2017	30	Employability	Nil
Big Data(Technical Training)	0	05/03/2018	30	Employability	Nil
IOT (Technical Training)	0	05/03/2018	30	Employability	Nil
Being Employable	0	05/03/2018	30	Employability	Nil
PLC-SCADA,IOT, Big Data, Embedded C CCNASOFT (Technical Training)Systems(Technical Training)	0	05/03/2018	30	Employability	Nil
Embedded Systems(Technical Training)	0	05/03/2018	30	Employability	Nil
Molecular biology Cell culture tech	0	05/03/2018	30	Employability	Nil

Techniques (Technical Training)					
Soft skill Aptitude training	0	18/09/2017	30	Employability	Skill Development
Softskill Training	0	03/10/2018	30	Employability	Skill Development
Android (Technical Training)	0	07/03/2017	30	Employability	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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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	08/01/2017
BE	Information Science Engineering	08/01/2017
BE	Mechatronics Engineering	08/01/2017
BE	Civil Engineering	08/01/2017
BE	Electrical & Electronics Engineering	08/01/2017
BE	Automobile Engineering	08/01/2017
BE	Biotechnology Engineering	08/01/2017
BE	Electronics & Communication Engineering	08/01/2017
BE	Mechanical Engineering	08/01/2017
Mtech	Computer Science Engineering	09/01/2017
Mtech	Computer Network Engineering	09/01/2017
Mtech	Structural Engineering-Civil	09/01/2017
Mtech	Electrical Power Electronics Engineering	09/01/2017
Mtech	Computer Aided Engineering Design	09/01/2017
Mtech	Automobile Engineering	09/01/2017

Mtech	Bioinformatics	09/01/2017
Mtech	Digital Electronics & Communication	09/01/2017
Mtech	Digital Communication & Networking	09/01/2017
Mtech	VLSI Design & Embedded Systems	09/01/2017
Mtech	Thermal Power Engineering	09/01/2017
Mtech	Machine Design	09/01/2017
MCA	Master of Computer Applications	09/01/2017
MBA	Master of Business Administration	09/01/2017

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

	Certificate	Diploma Course
Number of Students	2921	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
Workshop on	26/10/2017	315
Wordpress Workshop	23/02/2018	118
A workshop on	13/10/2017	40
DST-TIFAC, Govt. of India sponsored	28/12/2017	40
Open Source Software courses on C, C	02/11/2017	442
Technical Training in Network Security	05/03/2018	47
Technical Training in Big Data	05/03/2018	99
Technical Training in Devops	05/03/2018	48
Technical Training in PLC	05/03/2018	88
Technical Training in Embedded System C and ARM with mini project.	05/03/2018	155
Training in Animal Cell culture and Molecular Biology	05/03/2018	37
Soft skills training	18/09/2017	764
Workshop on Robotics	26/10/2017	92
Workshop on	09/11/2017	45

Genomic Informatics Workshop	26/10/2017	39
Soft skills training	18/09/2017	52
Management Development Program on GST	10/11/2017	250
Workshop on	24/11/2017	138
Workshop on	05/04/2018	25
Workshop on	26/04/2018	82
Certificate course on JAVA	28/11/2017	55
Certification course on PHP and MYSQL	09/05/2018	55
Technical Training in IoT	05/03/2018	56
Technical Training in	05/03/2018	100
Technical Training in Android App	05/03/2018	93
Technical Training in ANSYS	05/03/2018	150
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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	CSE	6
BE	ISE	0
BE	ECE	0
BE	EEE	121
BE	ME	0
BE	CV	87
BE	AU	0
BE	MT	0
BE	BT	34
MBA	MBA	0
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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

Yes, the institution has its value based mechanism to obtain feedback on curriculum from academic peers, outgoing students, alumni, industry experts and parents. Faculty feedback

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Science & Engineering	120	0	112
BE	Information Scienc & Engineering	120	0	67
BE	Electronics & Communication Engg	120	0	76
BE	Electrical & Electronics Engineering	120	0	73
BE	Mechanical Engineering	120	0	74
BE	Mechatronics	60	0	46
BE	Civil Engineering	120	0	61
BE	Biotechnology	60	0	43
BE	Automobile Engineering	60	0	43
BE	Construction Engineering & Technolog	60	0	10
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled 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
2017	2626	505	209	64	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	Number of smart classrooms	E-resources and techniques used
303	303	44	48	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)

The student mentoring system in the institution takes care of the overall development of students in terms of academic performance, building up the career, move towards the right path and be focused in relevant fields.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3131	303	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
303	303	0	18	40

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
2017	Dr. Preeta Sharan	Professor	Innovation Project Award IEEE WIECON
2017	Dr. Preeta Sharan	Professor	Best Project Of The Year Award
2017	Ms. H K Sowmya	Assistant Professor	Best Project Award From KSCST
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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	MBA	VIII	16/07/2018	28/08/2018
BE	MT	VIII	18/07/2018	17/08/2018
BE	AU	VIII	18/07/2018	17/08/2018
BE	CIVIL	VIII	18/07/2018	17/08/2018
BE	MECH	VIII	18/07/2018	17/08/2018
BE	EEE	VIII	18/07/2018	17/08/2018

BE	BT	VIII	18/07/2018	17/08/2018
BE	ECE	VIII	18/07/2018	17/08/2018
BE	ISE	VIII	18/07/2018	17/08/2018
BE	CSE	VIII	18/07/2018	17/08/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level .The reforms are as follows

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

The institution ensures effective time management and timeliness. It receives the university given timeline and adheres to it. In the beginning of the academic year, academic calendar is published by the University for Respective Course. The college carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same. The college conducts assessment to the students in three different components - theory and assignments. The theory component is marked out of ten. The assignment is marked out of five. These tests are conducted in evenly spaced out intervals to avoid pressuring the students with too many examinations. Every academic year consists of two semesters. Each semester is to be of 16 weeks. The first Continuous Internal Examination

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://theoxfordengg.org/pdf/page3/2.6.1%202017-18.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	Mtech	Computer Science and Engineering	7	7	100
MT	BE	Mechatronics Engineering	51	43	84.31
AU	BE	Automobile Engineering	41	41	100
CV	BE	Civil Engineering	71	71	100
BT	BE	Biotechnology	34	34	100
ME	BE	Mechanical Engineering	80	77	96.25

EE	BE	Electrical & Electronics	102	97	95.10
EC	BE	Electronics & Communication	119	114	95.80
IS	BE	Information Science	105	105	100
CS	BE	Computer Science	104	97	93.27
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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://theoxfordengg.org/pdf/page3/2.7.1%202017-18%20NAAC%20SURVEY%20\(10\).pdf](http://theoxfordengg.org/pdf/page3/2.7.1%202017-18%20NAAC%20SURVEY%20(10).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	1095	AICTE	2298824	2298824
Major Projects	365	KSCST	8000	8000
Minor Projects	270	KSCST	3500	3500
Minor Projects	270	KSCST	4000	4000
Minor Projects	270	KSCST	6000	6000
Minor Projects	270	KSCST	6500	6500
Minor Projects	270	KSCST	7000	7000
View File				

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
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Design and Development of Military BOT	Dr.Preeta Sharan	VTU	01/01/2018	PROJECT
Android application for detecting pot holes and uneven road in city	Ms. Sowmya H K	KSCST	05/09/2018	KSCST 41 SPP
Optimization, pilot scale and safety profiling of the designed fungal for the degradation of poly aromatic hydrocarbons	Dr B K Manjunathk	KSCST	01/01/2018	KSCST 40 SPP
Construction and designing of biopile for ex situ remediation of used oil /toxic hydrocarbons using fungal consortium	Dr B K Manjunathk	KSCST	01/01/2018	VTU BEST STUDENTS PROJECTS
Isolation and Characterization of Methanogenic bacteria from local environment and Comparative study of kinetics with traditional biogas producers	Prof. Salmak	VTU	01/01/2018	VTU BEST STUDENT PROJECT
Best Project of the Year Award	Dr.Preeta Sharan	KSCST	01/01/2018	KSCST 40TH SPP
Innovation project award IEEE WIECON	Dr.Preeta Sharan	Institute of Electrical and Electronics Engineers	01/01/2018	IEEE WICON

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil

[View File](#)

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
ECE	2
CV	1
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	MTE	1	0.5
International	AU	2	0.5
International	CV	8	0.63
International	BT	1	0.5
International	ECE	2	0.5
National	ECE	6	0.5
International	ISE	10	5
International	MCA	2	0.5
International	CHEM	3	0.5
International	MATHS	1	0.5
View File			

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
EEE	8
ECE	1
CSE	14
BT	19
View File	

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
Isolation, characterization and biological activity	DR SUMA T K	International Journal Of Creative Research Thoughts	2018	1	AFFILIATED	2

of flax lectin							
Organic matter availability structures of microbial biomass and their activity in Pachamalai Forested stream in Tamilnadu	VALARMATHY	International Journal of Advanced Research in Biological Sciences	2017	1	AFFILIATED	2	
16s rDNA Based identification of bacteria in the organic matter of Pachamalai forested streams	VALARMATHY	International Journal of Comprehensive Research in Biological sciences	2017	1	AFFILIATED	2	
Relationship of Nutrient molar ratio of microbial attached communities in organic matter utilization of Pachamalai forested stream	VALARMATHY	International Journal of Advanced Multidisciplinary Research	2017	1	AFFILIATED	2	
Isolation	SALMA KAUSAR	. International Journal of Creative Research Thoughts	2018	1	AFFILIATED	2	
Screening of Novel Phytochemical, Cytotoxic, anti angiogenic	Tanusree C	5th International Conference on Computing for sustainable global dev	2018	1	AFFILIATED	2	

compounds effective against majority types of cancer		elopment				
Screening of potential phytochemicals for wound healing	Tanusree C	International Journal Of Creative Research Thoughts	2018	1	AFFILIATED	2
Construction of cancer diseasome through graph theoretical approach	Tanusree C	International Journal Of Creative Research Thoughts	2018	1	AFFILIATED	2
Adaptive MOEMS Based Micro Pressure Sensor Using Photonic Crystal	Dr.Preeta Sharan	Pertanika Journal of Science	2018	1	AFFILIATED	2
TRUST BASED RESOURCE SELECTION WITH OPTIMIZATION TECHNIQUE	DR SARAVANA KUMAR	THE JOURNAL OF NETWORKS	2017	1	AFFILIATED	2
MOEMS based Micro Displacement Sensor for Anti-Theft Device in Vehicle Security System	Dr preetha sharan	Grenze International Journal of computer theory and Engineering, society Journal	2018	1	AFFILIATED	2
Structure Design of PhC based MOEMS accelerometer sensor for supplement	Dr preetha sharan	Indian Journal of Science and Technology	2017	1	AFFILIATED	2

al restraint system in Automobile passenger safety						
Rapid Detection of Drugs Abuse by Adapting Surface Plasmonic Micro Ring Resonator	Dr preetha sharan	International Journal of Signal Processing, Image Processing and Pattern Recognition	2018	1	AFFILIATED	2
Synthesis of Thinned Planar Antenna Array with maximum reduction in peak side lobe level using modifies binary coded genetic algorithm	DR MANJUDEVI	Grenze International Journal of computer theory and Engineering, society Journal	2018	1	AFFILIATED	2
Design and implementation of crossbar scheduler for system	Dr preetha sharan	Internet Technology Letters	2017	1	AFFILIATED	2
An optimized Design of Complex Multiply-Accumulate	Dr. Preetha Sharan	Silicon Photonics	2018	1	AFFILIATED	2
Real Time QoS Performance	Piruthiviraj	Silicon Photonics	2018	1	AFFILIATED	2
Performance Analysis of Reversible ALU in QCA	Dr. Preetha Sharam	Indian Journal of Science	2018	1	AFFILIATED	2

MOEMS based Displacement Sensor in Nano Bio-photonics Platform	Dr.Preetha Sharan	Journal of advanced research in dynamical and control systems	2018	1	AFFILIATED	2
Design of Arm Processor	Dr. Preetha Sharan	International Journal of Engineering	2018	1	AFFILIATED	2
A NOVEL METHODOLOGY FOR SINGLE /MULTIPLE POWER QUALITY	Dr. Devi Vigneshwari	IJSART	2018	1	AFFILIATED	2
CASE STUDIES OF VARIOUS FPGA BASED BIST, ATPG, PROCESSOR AND MEMORY TESTING	Ms. Manjula C	IJETAE	2018	1	AFFILIATED	2
IMPLEMENTATION OF DISCRETE SLIDING MODE FUZZY CONTROLLER FOR BOOST CONVERTER	Ms. VIJI	BVICAM	2018	1	AFFILIATED	2
SCREENING OF POTENTIAL PHYTOCHEMICALS FOR WOUND HEALING	DR B K MANJUNATH	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2018	1	AFFILIATED	2
CONSTRUCTION OF CANCER DISEASE THROUGH GRAPH THEORETICAL APPROACH	DR B K MANJUNATH	INTERNATIONAL JOURNALS OF CREATIVE RESEARCH THOUGHTS	2018	1	AFFILIATED	2
	DR SUMA	INTERNAT	2018	1		2

INHIBITION STUDIES OF ALP ON HEAVY METAL IONS FOR THE DESIGN OF ENZYME BASED BIOSENSOR TO HEAVY METAL IONS	TK	IONAL JOURNALS OF ENGINEERING, TECHNOLOGY			AFFILIATED	
Photonic Crstal Based Sensor for DNA Analysis of Cancer Detection	Dr. Preetha Sharam	Silicon Photonics and High Peformance Computing	2018	1	AFFILIATED	2
A simulation study of Design Paramter for Quantum Dot-Based Solar Cells	Dr. Preetha Sharan	Silicon	2018	1	AFFILIATED	2
BICLUSTE RING OF GENE EXPRESSION DATA USING BICLUSTERING ITERATIVE SIGNATURE ALGORITHM AND BICLUSTERING COHERENT COLUMN	DR SARAVANA KUMAR	INTERNAT IONAL JOUNRLA OF BIOMEDICAL ENGINEERING AND TECHNOLOGY	2017	1	AFFILIATED	2
A FRAMEWORK FOR AUTOMATED CONTENT BASED MEDICAL IMAGE QUERIES IN GRID	DR SARAVANA KUMAR	INTELLIG ENT AUTOMATION AND SOFT COMPUTING	2017	1	AFFILIATED	2
RADIOPRO TECTIVE	DR B K MANJUNATHA	JOURNAL OF	2017	1	AFFILIATED	2

AND IMMUNO MODULATORY EFFECTS OF MESUA FERREA		RADIATION RESEARCH AND APPLIED SCIENCES				
Inhibition Studies of ALP on Heavy Metal Ions for the Design of Enzyme Based Biosensor to Heavy Metal Ions	VALARMATHY	Internat ional Journal of Engineerin g, Technol ogy, Science and Research	2018	1	AFFILIATED	2
Heavy metal ion detection using Immo bilized ALP EnzymeB	VALARMATHY	Internat ional Journal of Creative Research Thoughts	2018	1	AFFILIATED	2
Evaluation of bioreme diation efficacy of A.flavu sHQ010119a nd Pencillium sp. KJ415574.1 strainsin used engine oil degradatio n	VALARMATHY	Internat ional Journal of Creative Research Thoughts	2017	1	AFFILIATED	2
Organic matter dec omposition by Aquatic fungi in the Pachamalai forested stream con tributed by streambed substrata	VALARMATHY	Internat ional Journal of Advanced M ultidiscip linery Research	2017	1	AFFILIATED	2
INHIBITION	DR B K MANJUNATH	INTERNAT IONAL	2017	1	AFFILIATED	2

STUDIES OF ALP ON HEAVY METAL IONS FOR THE DESIGN OF ENZYME BASED BIOSENSOR TO HEAVY METAL IONS.		JOURNAL OF ENGINEERING, TECHNOLOGY, SCIENCE AND RESEARCH				
EVALUATION OF BIOREMEDIATION EFFICIENCY OF A.FLAVUSHQ010119 AND PENCILLIUM SP.KJ41557 4.1 STRAINSIN USED ENGINE OIL DEGRATON	DR B K MANJUNATH	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2017	1	AFFILIATED	2
ISOLATION, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF FLAX LECTIN	DR. B K MANJUNATHA	INTERNATIONAL JOURNALS OF CREATIVE RESEARCH THOUGHTS	2017	1	AFFILIATED	2
Wavelength Selectivity Using Adaptive Shortest Path Algorithm for Optical Network	Dr.Pirut hviraj.P	Pertanika Journal of Science	2018	1	AFFILIATED	2
Design	Dr.Preeta Sharan	Journal of Fundamental and Applied Sciences	2018	1	AFFILIATED	2
Qualified Analysis of DSMC over SMC	Dr.Nagra j.R	International Journal of Control and	2018	1	AFFILIATED	2

	for Boost Converter		Automation				
	Implemen tation of Discrete sliding mode fuzzy controller for boost converter	Dr.Nagra j.R	INDIACOM	2018	1	AFFILIATED	2
	Improved Delta Operator based Discrete Sliding Mode Fuzzy Controller for Buck Converter.	Dr.Nagra j.R	Indian Journal of Science and Technology	2018	1	AFFILIATED	2
	Optical Biosensor Design To Detect Myc obacterium Tuberculos is Bacteria	Dr.Preeta Sharan	Journal of Advanced Research in Dynamical and Control Systems	2018	1	AFFILIATED	2
	Rapid Detection of Drugs Abuse by Adapting Surface Plasmonic Micro Ring Resonator	Dr.Preeta Sharan	Journal of Signal Processing , Image Processing and Pattern Re cognition	2018	1	AFFILIATED	2
	Internet Connected Biometric Voting Machine with Split Architectu re	Dr.Preeta Sharan	Indian Journal of Forensic Medicine	2018	1	AFFILIATED	2
	Photonic Crystal Based Micro Mechanical Sensor in SOI Platform	Dr.Preeta Sharan	Pertanika Journal of Science	2018	1	AFFILIATED	2
	Control	Sridhar	Internat	2018	1		2

of Power System Management in Spacecraft using Adaptive RBF	N	ional Journal of Applied Engineering Research			AFFILIATED	
Paramete rization of solar cell model using mult iculture	Sridhar N	Internat ional Journal of Engineerin g and Technology	2018	1	AFFILIATED	2
Developm ent of Adaptive Filter using FPGA for Structural Applicatio n	Sridhar N	IJERT	2018	1	AFFILIATED	2
Real Time Multimedia Traffic analysis and Implem entation of IPv4 based optical network using Routers	Piruthiv iraj P	Internat ional Journal of Pure and Applied Ma thematics	2018	1	AFFILIATED	2
Wavelength Selectivit y using Adaptive Shortest Path Algorithm for Optical Network	Piruthiv iraj P	Pertanika Journal of Science and Technology	2018	1	AFFILIATED	2
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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
A reliab	Asma	IJCRT	2017	0	0	The

ility system for filtering malicious informatio n on social network	Nooren P, Chandana L V, Divya G A, Saniya Sadaf M						Oxford College of Engineerin g
MRCP- RMD: Resource allocation and Scheduling of jobs with Deadlines	Shashank G Hegde, Vinayak Suresh Pai, Vinitha S Bhat,Srini dhi L N	IJCRT	2017	0	0		The Oxford College of Engineerin g
MQTT based Home Automation System Using Raspberry PI 3 model B	Chandana P M,Clint Ulahannan Thomas,Har shith Ramesh Rai,Namita Y	IJCRT	2017	0	0		The Oxford College of Engineerin g
MABIDaaS: Mutual Aut henticatio n and Financial Transactio n Between Mobile Users using Blockchain based ID as a Service	Akshatha B M, Manasa J, Meghana K S, Sonal Salian, Dr. D. Jay aramaiah	IJCRT	2017	0	0		The Oxford College of Engineerin g
Study and Analysis of Most Sought after Big data Platforms and their Applicatio n for Network Analytics	Thendral N	IJCRT	2017	0	0		The Oxford College of Engineerin g
Design and Implem entation	Archana D R, Ayesha	IJCRT	2017	0	0		The Oxford College of

of an IoT System for Enhancing Proprioception Training	Rahmath, C handrashekar M, M Tuba Farheen, Dr D Jayaramaiah					Engineering
An intelligent smartphone based approach using cloud computing and iot for risk-free driving	S.Kalaiselvi , Lakshmi L Menda , Navya V , Fiona Jothi Sylvester , Latha Shree N	IJCRT	2017	0	0	The Oxford College of Engineering
Detecting spam reviews on social media using network-based framework: netspam	P Kokila	IJCRT	2017	0	0	The Oxford College of Engineering
Vehicle Detection in Fog and Night Condition using Block Matching and Color Enhancement Algorithm	Nivedha M,Pallavi R,Supriya S,Sushma R	IJCRT	2017	0	0	The Oxford College of Engineering
Generating music from literature using topic extraction and sentiment analysis	Aafia Nausheen	IJCRT	2017	0	0	The Oxford College of Engineering
View File						

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

Number of Faculty	International	National	State	Local
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Attended/Seminars/Workshops	5	47	12	35
Presented papers	31	34	0	0
Resource persons	2	4	0	0
View File				

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
International Literary Day observance	NSS Unit-TOCE	2	198
World Mental Health Day Observance	NSS Unit-TOCE	22	225
Clean the Environment	NSS Unit-TOCE	10	190
International Yoga Day	NSS Unit-TOCE	10	250
Blood Donetion Camp _ 27 December 2017	NSS Unit-TOCE	30	320
HIV Awareness Program 15 Nov 2017	NSS Unit-TOCE	2	250
Decomposition Awareness Program	NSS Unit-TOCE	2	324
Decomposition Awareness Program	NSS Unit-TOCE	3	195
View File			

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
Nil	Nil	Nil	0
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Blood Donation	NSS Unit-TOCE	Blood Donetion Camp _ 27 December	4	320

		2017		
Health awareness-HIV	NSS Unit-TOCE	HIV Awareness Program 15 Nov 2017	4	250
Decomposition Awareness Program	NSS Unit-TOCE	Decomposition Awareness Program	4	324
Road safety Awareness Programme	NSS Unit-TOCE	Road safety Awareness Program 5 Sep 2017	2	195
Literacy Awareness Programme	NSS Unit-TOCE	International Literary Day observance	2	198
FIT- India	NSS Unit-TOCE	World Mental Health Day Observance	22	225
Swachatha Andolan	NSS Unit-TOCE	Clean the Environment	10	190
Fit India	NSS Unit-TOCE	International Yoga Day	10	250
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Faculty exchange-Conducted Guest Lecture On Internet Protocols And Their Impact On Iot (23/8/2017)	45	TOCE	365
Faculty exchange-Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	65	TOCE	365
Faculty exchange-Applications of Android with its usability	15	TOCE	365
Students exchange-FIELD VISIT TO CONSTRUCTION SITE AT VITTAL MALLYA ROAD, BANGALORE	63	TOCE	1825
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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
Guest Lecture on Requirement of building and byelaws held	Guest Lecture on Requirement of building and byelaws held	Heaven Bird	11/08/2017	11/08/2018	42
Field Visit To Construction Site At Vittal Mallya Road, Bangalore	Field Visit To Construction Site At Vittal Mallya Road, Bangalore	MAVENTUM TECH SOLUTIONS PVT. LTD	11/10/2017	11/10/2018	13
Opportunities for MCA Final Year Project Internship Training	Opportunities for MCA Final Year Project Internship Training	PLANTSZONE	08/10/2017	08/10/2018	141
Organized Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	Organized Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	The Research Post	11/09/2017	11/09/2018	130
Conducted Guest Lecture On Internet Protocols And Their Impact On Iot	Conducted Guest Lecture On Internet Protocols And Their Impact On Iot	Itorizon India Pvt Ltd, Bengaluru	26/05/2017	26/05/2018	100
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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
Itorizon India Pvt Ltd, Bengaluru	26/05/2017	Conducted Guest Lecture On Internet Protocols And Their Impact On Iot	100
The Research Post	09/11/2018	Organized Guest	141

		Lecture On Data Analysis In Mba Projects O Final Year Mba Students	
Plantszone	08/08/2017	Organized Guest Lecture On Data Analysis In Mba Projects O Final Year Mba Students	130
Maventum Tech Solutions Pvt. Ltd	10/11/2017	Opportunities For Mca Final Year Project Internship Training	14
Heaven Bird	08/11/2017	Guest Lecture Requirement Of Building And Byelaws Held	35
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2329000	2329000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
View File	

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	55145	15710341	3	4090	55148	15714431

Books						
Reference Books	3038	1309200	0	0	3038	1309200
e-Books	14808	0	8611	0	23419	0
Journals	1350	3376355	0	0	1350	3376355
e-Journals	14808	2305994	8611	100000	23419	2405994
Digital Database	8	0	8	0	16	0
CD & Video	3077	0	0	0	3077	0
Library Automation	1	263750	1	14000	2	277750
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	24	181687	24	32371	48	214058
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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
Mr. Senthil Kumar	Machine learning	Microsoft Powerpoint	14/09/2017
Ms. Seema Patil	Cloud Computing	Microsoft Powerpoint	21/09/2017
Ms. Shobha T	Automata Theory	Microsoft Powerpoint	04/10/2017
Dr.E.Saravana Kumar	Computer Network	Microsoft Powerpoint	26/02/2018
Dr.Chrispinjiji	Management and Enterprnurship	Microsoft Power point	26/10/2017
Dr.ManjuDevi	Network Analysis	Microsoft Powerpoint	18/09/2017
Dr.R.Bhargava Rama Gowd	Managment and Enterprnurship	Microsoft Powerpoint	12/03/2018
Prof.Soumya Padukone	Analog Circuits	Microsoft Powerpoint	09/10/2017
Ms. Sowmya H K	Multimedia Communications	Microsoft Powerpoint	10/10/2017
Sandhya Rai	Micro Controller	Microsoft Powerpoint	27/10/2017
View File			

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	887	816	8	1	9	5	46	16	2
Added	70	60	0	0	9	0	1	44	0
Total	957	876	8	1	18	5	47	60	2

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
Ocr Scanner Device ,Portable Projector,CC Camera,Wi Fi,Web cam,Projector	http://theoxfordengg.org/pdf/Facility%20for%20E-%20Content-2017-2018.pdf

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
110	109.09	125	9801000

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)

At the, The Oxford College of Engineering, we have established clear policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching-Learning process at regular intervals of time. We consider Human resource as the pivotal and most important assets and follow proper systems and processes to recruit, maintain, and retain our Staff members Classrooms
http://theoxfordengg.org/pdf/page3/4.4.2-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	Nil	49	1199500
Financial Support from Other Sources			
a) National	Fee concession Scheme (Karnataka Government-SSP-OBC), SC-ST Welfare,	1402	38255820

	Jammu Kashmir		
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill training on Communication- CSE	04/11/2017	105	7th Sense technology
Soft skill training on Communication and Problem solving- CSE	24/04/2017	110	7th Sense technology
Soft skill training on aptitude and speaking skill - CSE	18/09/2017	101	7th Sense technology
Soft skill training on Blood Relation, Profit Los, Analytical Puzzles, Articles and preposition and group Discussion, Interview Tips, Time work, Reading Comprehension, Number series, Letter series, Probabilities, Permutation and Combination, Syno	03/10/2018	112	7th Sense technology
Soft Skill Training on idioms, phrases,blood relations,tenses,percent age,blood relations,aptitude skill set,coding,de coding,group discussion- ECE	18/09/2017	118	Seventh Sense Corporation
Soft skill development- EEE	18/09/2017	111	Seventh Sense Corporation
Soft skills and Aptitude training- EEE	18/09/2017	84	Seventh Sense Corporation
Soft skill training-MBA	11/04/2017	126	Seventh Sense Institution
Soft skill	19/04/2017	110	Bangalore

training- MCA			
7.Soft Skills- Mech)	23/03/2017	105	IBM tech,Café coffee day,Amazon
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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 passed in the comp. exam	Number of students placed
2017	IAS Coaching	113	113	0	0
2017	KPSC	100	100	0	0
2017	GATE	92	92	4	4
2017	GRE	82	82	1	1
2017	IELTS	77	77	6	6
2017	UPSC	151	151	0	0
2017	KAS	156	156	0	0
2017	CAT	105	105	1	1
2017	PGCET	111	111	8	8
2017	TOEFL	86	86	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
3	3	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Alpha Nine Marine, Amazon, APPSCRIP, Bokmyshow.Com, Coffee Day, HGS, HPE, IBM, Janalakshmi Financial Services, Jaro	936	224	Nil	0	0

Education,
Justpay,
Microland,
NTT Data,
Omnic Inter
national, Q-
Spider,
Quinnox,
Streams Inc,
SUBEX, TCI
Tech, Tech
Mahindra,
Vee T

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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
2017	9	BE	Biotechnol ogy, Biotech nology, Biot echnology, B iotechnology , Computer Science Engineering, Electrical and Electronic Engineering, Mechatronics , Mechatroni cs, Mechatro nics,	Maulana Azad National Institute Of Technology, Birla Institute Of Technology Science, Pilani, Goa Campus, Bms College Of Engineering, Warsaw University Of Technology, University Of Cincinnati, The National Instute Of Engineering Mysore, E U Busines	M TECH (Bi otechnology) , ME, Biotec hnolgoy, M TECH (Biotec hnology), MS, Biotechn ology, MS, M TECH (Power Systems), MBA, MS, M TECH (Material Automation And Robotics).

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

Items	Number of students selected/ qualifying
GATE	2
Any Other	3

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

Activity	Level	Number of Participants
Womens day celebration	Institutional level	150
OxfordRun2017	Institutional level	500
Awareness about Legal Rights of Women	Institutional level	220
Teachers Day	Institutional level	300
Freshers party	Institutional level	500
Farewell party	Institutional level	500
Kannada Rajyotsava	Institutional level	600
Independence day	Institutional level	30
Republic Day	Institutional level	30
Impulse 2K18(20Events)	State level	500
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Kabaddi(Winner)	National	1	Nill	10X15CS412	Naveena P-CSE
2017	Kabaddi(Winner)	National	1	Nill	10X15CS413	Naveena P-CSE
2017	Kabaddi(Winner)	National	1	Nill	10X15CS414	Naveena P-CSE
2017	Kabaddi(Winner)	National	1	Nill	10X15CS415	Naveena P-CSE
2017	Kabaddi(Second Place)	National	1	Nill	10X15CS060	Namita-CSE
2017	Volley Ball(Winner)	National	1	Nill	10X15CS027	Disha-CSE
2017	Ball bad minton(Winner)	National	1	Nill	10X15CS129	Prajwala-CSE
2017	Kabaddi(Second Place)	National	1	Nill	10X15CS413	Nikheta-CSE
2017	1st Place	National	1	Nill	10X14CS091	Sri ram C-CSE
2017	Sai Leo Trophy - 18 (2nd place)	National	1	Nill	10X15CS413	Nikheta-CSE

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

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

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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association of the Oxford College of Engineering (in short known as TOCEAA) is registered with registrar of societies in 09/04/2005 bearing a registration no. 214/2005-06. Our main ambition is to bring all students at a place where they can meet their all old friends, classmates and faculty members reminiscing memorable experiences and sharing stories of success. The students take deep interest in participating in all the events that are conducted during the meeting. The association has been a grand success so far. The 4th Annual Alumni Meet 2018" held during 04-03-2018. Inaugural Programme The inaugural

programme of the Alumni Meet commenced at 9.30 a.m. in the Auditorium on 04-03-2018. Mr. Pradeep G president TOCE Alumni extended a hearty welcome to the alumni and the dignitaries to the Alumni Meet. In his speech informed that the Annual Alumni Meet is scheduled in the every year of their graduation from the Institute. He requested the alumni to go round the campus to see the changes that have taken place in the past years. He specially mentioned the active and inspirational support from Dr R. Nagaraj, Principal, TOCE throughout for closer interaction with the alumni. More than 200 Alumni's were present. It was presided over by the chief guest, Mr.Hemanth,Vnurt technologies, Managing Director, Bangalore and also graced by the Execute director, principal, vice principal, governing council member. Execute Director praised the Alumni's as grand Ambassadors of TOCE and honoured the distinguished Alumni. A cultural program was conducted during the alumni meet. Mr.Chengappa M R Secretary of TOCE Alumni proposed vote of thanks to all the concerned. Outcome The event was stimulating and enjoyable and simultaneously profitable as all members shared their views ideate and good numbers of new ideas, information and insights came up. The association is hopeful to run and successfully structure and position itself into a fully functional global platform for TOCE Alumni. The alumni Association sincerely expressed its gratitude to the honorable Managing Director for his guidance and support to make this event a grand success. Student - Alumni Interactions Students-alumni exchanged their views. The Alumni gave some suggestions to their juniors about how to get placed companies. The interactive session in which students of the campus and the alumni of TOCE Bangalore came together on the same platform to discuss issues of importance proved to be quite constructive. The premier problem addressed was "how to increase the interaction between the students and the alumni". The alumni reassured the students that they were always willing to help the students in whatever way possible and this assurance is sure to help the students build up a strong student-alumni relationship. Another topic that was put up for discussion was "how to go about becoming an entrepreneur". Almost all the alumni present suggested that it would be better to gain some valuable work experience before venturing into building an enterprise of one's own.

5.4.2 – No. of enrolled Alumni:

510

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

694081

5.4.4 – Meetings/activities organized by Alumni Association :

During the year Department wise 6 Alumni meetings/Activates were conducted On 09-06-2018- CSE,ISE, 18-03-2018-AU,19-08-2017-MTE and 13-04-2018- MCA Department wise details are as follows: CSE-Technical Talks: 1. Shubam Kumar, Software Engineer, justpaypvt ltd., Batch of 2013-2017, spoke about the challenges in the software industry. He also encouraged juniors to explore topics beyond curriculum. 2. Prathush Kumar, Entrepreneur, FinfidPvt.Ltd, Batch of 2012-2016, Encouraged the students for their Presentation skills, management skills and keep updating the knowledge. 3. Srinivasa A. S., Software Engineer, HP, Batch of 2011-2015, spoke about resume preparation, Basics of algorithm, code quality and code efficiency. ISE- Inputs given by the Alumni: • Arpitha T.K from 2009 batch working as trainee suggested that she will be looking forward to help students. • Gowthami Reddy and Vinay Gupta from 2009 and 2012 batch are entrepreneurs in the field of fashion and Hotel Management. Alumni shared their thoughts about how to impart the current day skills of the industry to their juniors etc. EEE 1. Sushma Sumathi (M. Tech student, SJCE, Mysore) suggested to enhance digital library 2. Gagana (Software Engineer, Tech Mahindra) suggested to include students' presentation in class to improve their

communication skills and confidence level. 3. Rajath (software Engineer, NTT DATA) suggested that EEE students should start learning at least 2 coding languages, it will be of great use when they start working in either core companies /software companies. AU The Alumni meet for the year 2016-2017 Batch was held at TOCE, BANGALORE, the meet was organized on 18th March 2018. Mr. ONKAR MURTHY, CEO, Electromechanical and Fluid Power industries Pvt Ltd., was the chief guest of the program. The aim of the meet was to reunite the students working in various places and to recollect, rejoice the college memories and helped to share their work experience, around 35 students have been participated to facilitate the program. And the Guest of Honor was Mr. S.B AWATI, Managing Partner, NIPRA Bangalore MTE 1. Naveen Kumar suggested that soft skill training can be included from the first year. 2. Aljo joy told to include online courses, internships, and industrial visits from 3rd semester. 3. Anika Manini Shankar suggested publishing or presenting paper in reputed conference or journal. 4. K Jasmitha R Appaiah suggested to include students' presentation in class to improve their communication skill and confidence level. MCA-Technical talks 1.Mr. Changappa R, Senior Software engineer, HPE Bangalore, spoke about the challenges in the Software Industry. He encouraged juniors to explore topics beyond curriculum. 2.Mr Indrakumar, software Engineer, HPE, , encouraged students for their presentation, managerial skills and keep updating the knowledge. Around 60 alumni attended the event.

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)

VISION To be a Respected and Most Sought after Engineering Educational Institution Engaged in Equipping Individuals Capable of Building Learning Organizations in the New Millennium. MISSION To Develop Competent Students with Good Value Systems to Face Challenges of the Continuously Changing World To equip the students with highest standard of education, knowledge and ethics. To prepare them to meet the challenges of life with full confidence. Aim at all round development of the personality to be useful citizens. Synergise the efforts of various departments, inspire creativity and foster excellence and innovation in teaching and learning so as to realize our vision as a Premier Engineering Institution Nurture the development of mind, skill, attitude and core competence of students. Attain leadership in planning and resource management so as to improve the quality and accessibility of technical education.

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	For UG and PG students University criteria for admission to various courses are strictly followed. UG students take the admission into the college through CET, COMED-K, KRLMPCA entrance examination and based on merit and reservation policies as per government norms Admission to PG Program is through the PG-CET/COMEDK,

managed by the University which ensures high transparency and efficiency

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.

Library, ICT and Physical Infrastructure / Instrumentation

Availability of text books, reference books and journals in the library is ensured for the effective course delivery. Also, special audio-visual room is available in the library to help the students to listen to the lectures delivered on the subjects by experts from VTU through web telecast. College has membership to access VTU library. etc. useful for researchers in various departments. Moreover, NPTEL video classes are also available. Besides central library, there are libraries in each department with ample volume of books, magazines and journals for easy access of reference books for faculties and research scholars. On special request from the research scholars, books required for research is made available and the library facilities can be availed for extended hours. As and when VTU syllabus is revised and as per requirement of departments books and journals are purchased and added to library. Requirements of the equipment/instruments from departments are met from time to time. The institution strongly advocates and encourages the use of ICT tools to enrich the learning experience of the students inside and outside the classroom. All classrooms are ICT-enabled including spacious seminar halls and auditorium for specialized needs. The Research and Development laboratory is equipped with latest workstations with Matlab, SPSS with internet facility for executing research projects and many more research oriented soft wares.

Human Resource Management	<p>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 Faculty are given 10 percentage increment in January 2017 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 Principal, Dean Academics, HOD and senior faculty for further action</p>
Industry Interaction / Collaboration	<p>Industry interaction activities like, Industrial visits, guest/expert lectures, internships, external funded projects are undertaken to bridge the gap between industry and academia Various departments UG as well as PG signed MOU s with the industries/companies for Internships and Placement of students</p>
Curriculum Development	<p>Our institution is affiliated Visvesvaraya Technological University, Belagavi Karnataka State, India. it abides by the changes in curriculum as prescribed by the university. Choice Based Credit System is introduced by VTU in B.E scheme and syllabus for the year 2018. Senior faculty appointed as BOS from the college will suggest necessary changes in the curriculum from time to time to enhance the quality Certification courses, Technical, Soft skills and Personality Development trainings are given to both UG and PG students helping them in placements.</p>
Teaching and Learning	<p>Effective teaching methods like, Interactive teaching to create interest in the students, power point presentations, live demos, tutorial classes, remedial classes qquizzes, assignments, mock interviews, group discussion on assigned topics, mini projects and internships are in</p>

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 s and Workshops to update their knowledge from time to time In the PG program MBA 10-day 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

Examination and Evaluation

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

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

E-governance area	Details
Finance and Accounts	Saral pay pack, Tally
Student Admission and Support	Eazy college
Examination	QPDS
Planning and Development	-
Administration	Microsoft campus ,Libsoft

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	Name of the professional body for which membership	Amount of support
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		support provided	fee is provided	
Nil	Nil	Nil	Nil	0
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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)
2017	AICTE Sponsored FDP on World Class new product design and manufacturing	Nil	01/01/2018	13/01/2018	75	Nil
Nil	Nil	Hygiene ,Quality and Cleanliness in Mess and Canteen	15/03/2018	15/03/2019	Nil	24
2017	Internet of Things	Nil	11/10/2017	11/11/2017	20	Nil
2017	Two days FDP on know your Intellectual Property Rights in association with DST-TYPHAC, Government of India, KSCST and VTU, Karnataka	Nil	28/12/2017	29/12/2017	57	Nil
2017	Workshop on Genomic Informatics sponsored by Bionivid Pvt. Ltd., Bengaluru	Nil	27/10/2017	28/10/2017	12	Nil

2017	Binding affinity and ADMET in drug discovery and candidate selection	Nil	04/04/2018	05/04/2018	12	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NPTEL – National Programme on Technology Enhanced Learning - An online Training Programme Conducted by IIT institutes for 12 week in Basic Electronics	2	07/01/2017	10/01/2017	2016
Control Engineering NPTEL – National Programme on Technology Enhanced Learning - An online Training Programme Conducted by IIT institutes in Control Engineering	3	07/01/2017	10/01/2017	2016
NPTEL – National Programme on Technology Enhanced Learning - An online Training Programme Conducted by IIT institutes for 8 week in Basic Electrical	1	07/01/2017	09/01/2017	1344

Circuits				
Embedded C ARM7	1	03/05/2018	03/12/2018	192
Faculty Enablement Program on "Foundation Program	2	07/03/2017	07/07/2017	120
Workshop on "Research Methodology"	1	28/05/2018	04/06/2018	168
Android Developer Fundamentals Faculty Training	1	08/12/2017	22/12/2017	120
Participated in the 5 days Faculty Development Programme on "Android Developer Fundamentals Faculty Training"	1	07/10/2017	14/10/2017	120
National Level Technical Faculty Development Programme on "Research Frontiers in Advanced Networking, Security and Internet of Things-A Tool Driven approach"	3	12/11/2017	23/12/2017	312
World Class New Product Design Manufacturing	16	01/01/2018	13/01/2018	312
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
303	303	92	92

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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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
National Womens Commission	17399	Awareness About Legal Rights Of Women
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6.4.3 – Total corpus fund generated

30000000

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	Chairman, Children Education Society
Administrative	Yes	LIC	Nill	Chairman, Childrens Education Society

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

• Parents and teachers meet on a regular basis to discuss their childrens educational progress. • Academic and administrative reform suggestions are enthusiastically accepted and implemented. • Parents are always willing to lend a helping hand.

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

1. Hygiene ,Quality and Cleanliness in Mess and Canteen 2. Lecture and Hands on training on use of Fire Extinguisher 3.ERP Training for office staff

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

1).one day workshop on Arduino and Robotics conducted on 13-10-2017, in which 150 students participated , --- 2).CSE,ISE and EEE Departments got NBA Accredited- 3).Faculty Development Program (FDP) on "Enhancing The Quality of Teachers - Transformational Teaching -(MBA) 2-08-17 to 3-08-2017

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
b) Participation in NIRF	No
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
2017	FDP organised in association with VTPC, Bengaluru your Intellectual Property Rights in association with DST-TIFAC, Government of India, KSCST and VTU, Karnataka	28/12/2017	28/12/2017	29/12/2017	30
2017	One day workshop on DATA Analytics	24/11/2017	24/11/2017	24/11/2017	20
2017	Workshop on Genomic Informatics sponsored by Bionivid Pvt. Ltd., Bengaluru	27/10/2017	27/10/2017	28/10/2017	12
2017	AICTE Sponsored FDP on World Class new product design and manufacturing	01/01/2018	01/01/2018	13/01/2018	75
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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

National Girl Child Day	24/01/2018	24/01/2018	340	106
Gender Equity Related Programs (Sports & Cultural)	15/02/2018	27/02/2018	278	122
Competition to create Awareness about the legal rights of women	11/11/2017	11/11/2017	125	95
International Women's Day Celebrations	15/03/2018	15/03/2018	156	10
World Women's Entrepreneurship Day	19/12/2017	19/12/2017	170	18

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>Solar Power are the latest and most fascinating technological advancement in the lighting industry. Hence, the college management has planned to install solar panel to generate up to 13 KVA per month from the year 2016 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 18 of the total power consumption annually. Thus, the total annual power saving is 18 lakh units/year. Annual Saving Details: 1 Total power consumption (without Solar system) - Rs. 98,000/Annum 1 Total power consumption with solar system - Rs. 93,90,065/Annum 1 Total power saving after solar system installed - 18,000/Annum Solar Panel Details: 1 Total power requirement of the institution is 61 KVA/ month 1 Power requirement met by renewable energy sources - 15 KVA / month 1 Total power consumption saved - 24.6 1 Total power supplied to the grid - 4.6 As the institution installed 16 kv solar panel with the help of government, part of our power consumption is met out. Electricity Bill is reduced to some extent. The surplus power (institutional consumption total power generated) generated out of the solar panel is used by the electricity board. This has led to pollution free and causes no greenhouse gases to our planet. We maintain a green and clean campus, plant trees under the initiative of NSS are another small strides towards the environment.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	No	0
Scribes for examination	No	0
Special skill development for	Nil	0

differenty abled students		
Nill	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	8	8	08/09/2017	1	International Literary Day observance	Highlighted the importance of Literacy to individuals, communities and societies	77
2017	8	8	10/10/2017	1	World Mental Health Day Observance	Created awareness among the adults, children and women to take care of the mental health for healthy Leaving	73
2017	8	8	06/02/2018	1	Clean the Environment	Made the people to understand and eliminate open defecation.	53
2017	8	8	21/06/2018	1	International Yoga Day	Awareness about Yoga in Day today Life	41
2017	8	8	27/12/2017	1	Blood Donation	Blood Donation	160

					Camp _ 27 December 2017	to save the Life of Needy	
2017	8	8	15/11/2 017	1	HIV Awareness Program 15 Nov 2017	To make awareness among Driver and Daily worker	160
2017	8	8	05/06/2 017	1	Decompo sition Awareness Program	To make awareness about Adv ancement of Science in Rural Community	21
2017	8	8	05/11/2 017	1	Road safety Awareness Program 5 Sep 2017	Tomake aware about Road safty among citizen of Bangalore city	20

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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	09/01/2017	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 2017-18	21/08/2017	The handbook Calendar of the college is published every academic year. It focusses mainly on the Professional code of conduct for the students, which includes guidelines and rules of the central library, General college rules and regulations, academic rules, rules and

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Literary Day observance	09/08/2017	09/08/2017	75
World Mental Health Day Observance	10/10/2017	10/10/2017	51
Clean the Environment	02/06/2018	02/06/2018	43
International Yoga Day	21/06/2018	21/06/2018	32
Blood Donetion Camp _ 27 December 2017	17/12/2017	17/12/2017	130
HIV Awareness Program 15 Nov 2017	15/11/2017	15/11/2017	19
Decomposition Awareness Program	06/05/2017	06/05/2017	15
Road safety Awareness Program 5 Sep 2017	05/09/2017	05/09/2017	25

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

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

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices-1 1. Title of the Practice: Online Skill Development Programmes 2. Objectives of the Practice: The main objective of online skill development programmes are to set up a workforce that is proficient with the necessary skills and knowledge. 3. Context: Skilled employees yield higher productivity and have the ability to work effectively and efficiently. In this context, the institute has taken initiatives to provide skill development programmes and has provided the required platform like i) Networking and Network Security.ii) IOT 4. Practice: All the students and faculty are provided the necessary logins for practice and conducting online exams in all related online platforms. Practice Tests and Talent Tests are conducted periodically for better assessment of the students. 5. Evidence of Success: Technical Training Proposal Course Outline Trainer Profile Pricing/Course Fees 6. Problems encountered and resources required (i) Training of faculty (ii) To develop framework for conducting online skill development programmes 7. Outcome: Successful completion of certification programmes from world famous universities and grabbing placement opportunities in top MNC companies. Best Practices-2 Title: Blood Donation Goal: To serve the suffering humanity, our students are guided and motivated to donate blood. Through this activity the energy of the students is channelized for social cause of communal harmony and participation in social activities. Context: To inculcate the values of education for human service, benevolence and the national integration among the students, they are inspired for the activities like blood donation, adult literacy and social harmony. Implementation: The Blood Donors' Club of the college organizes the Blood Donation Camp every year. In the camp more than 150 units of blood is collected every year. The college has given consent to the district administration regarding the donation of blood in emergencies. The donors are made available throughout the year whenever the college is contacted. Evidence of Success: The success of this practice can be evaluated by the over whelming response of the students. Every year the number of donors is more than the arrangement of the District Administration for collection of blood. The number of units donated by the students is increasing year after year. Problems Encountered and Resources Required: No problems are faced by the institution in the implementation of this noble cause. The funds required for the project are provided by the college itself.

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/page3/7.2.1-Best%20Practices%20-%20agar%202017-18.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

TOCE being established to train graduates in their respective branch, have holistic outlook towards life and have desire to work for national needs and beyond. The graduating student must have excellent knowledge and skills in the area of his / her study. However, he/she must have broad understanding of society and relationship. Characters need to be nurtured as an essential quality by which he/she would understand and fulfill his /her responsibility as an Engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are need. Research experiences have a positive impact on academic performance, cognitive skills and intellectual growth. They also give students a sense of the subject beyond the lecture, lab and seminar. Research experience develops skills that cannot be gained in the classroom.

Research is a robust technique to explore new concepts through proper observation and facilitates to take the right decision at the right time. Research is the backbone and prerogative to quality work for almost every field. No matter how competent and experienced a person is in his or her field, without proper research, things go wrong and the success rate declines.

Research is the pursuit of knowledge through analysis, observation, exploration, description and explanation of the unexplored idea, facts or methodologies. It enables students to evolve a proper strategy to carry a definite work or project without digging too much into unnecessary things and facilitates to take the right decision when situations demand. Research unfolds many unexplored things that stimulate working capability and develops understanding and decision making of learners. Without research, one has to believe in his or her intuition or imagination which cant be accurate. That is why research is important for scaling up performance and better results.

Research is a broad concept required in almost every field to improve performance and quality of work. Research is important to build a better understanding, decision making and, discerning and analytical ideas to facilitate better results. Without extensive research projects can get derailed and minimize the success rate. The work without proper research would be filled with faults and failures that affect the reputation of a company and researcher. People build a negative opinion about the work and therefore, becomes a set back for the organization. Research generates novel ideas, builds credibility, develops understanding and analytical skill so a researcher could implement his or her guts to rationalize the work and build a better foundation for followers on the career field and so they could take the right decision at the right time without facing hurdles. During the research, the student will learn how to:

- Develop a research proposal
- Carry out a literature search and write a research gap
- Carry out the research processes
- Analyze results
- Write-up the body of work as a technical report

Outcomes: Provide an opportunity to pursue research in a topic within the broad area of the students interest. Undertaking the research will enable the student to:

- Development of problem

Provide the weblink of the institution

<http://theoxfordengg.org/pdf/page3/7.3.1%20-%20Institutional%20Distinctiveness%20-%20agar%202017-18.pdf>

8.Future Plans of Actions for Next Academic Year

Continuing with the tradition of striving for excellence, the academic calendar would be prepared, as per the Academic Calendar of the Affiliating University with additional activity. This year, we plan to make the Academic Calendar more action oriented especially as per the needs of various department. More extension lectures, Industrial Interaction and Industrial visits will be scheduled, so as to bridge the gap between class room teaching and industrial requirements. Also, keeping in mind the high level of stress among youth, new activities would be planned for the mental well being of the youth. More activities of social outreach would be organized like donation camps, blood donations, plantation drives, environment awareness events etc., Apart from increasing the activities in these regular ares, we at TOCE plan to do the following additional things in the next academic session. Start NCC in the Institution. We are planning to conduct a large number of pre placement activities for the final year students of various courses so as to help them optimally utilise the benefits of placement opportunities. In the academic session, we also plan to expedite the process of registration of the alumni. Currently, more than one thousand alumni are regularly in touch with the Institution, contributing towards making the Institute a centre of excellence. Through registration, we would be able to unleash the high potential of the alumni placements at respectable positions in different organisations globally. To implement the curriculum in a more effective manner, it is planned to follow new formats for lesson plan and evaluation. These have already been circulated to faculty members. Also, progression of each student will be tracked to cater to individual differences. Keeping in mind the environmental being harmed unnecessarily because of use of paper for reporting and record keeping, we at TOCE would like to initial the triple R Solution for various processes. The aim is to move towards paperless office, for which we would identify various processes which can be made completely paperless in the first stage. Adding more processes to have a seamless system with minimum use of paper and hence contribute towards protecting trees and saving the earth. To increase the innovative ability of students, the entrepreneurship development cell proposes to conduct programs. This will increase the number of companies to have incubation centers in the campus.