



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		THE OXFORD COLLEGE OF SCIENCE
Name of the head of the Institution		Dr.Kavyashree R
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08061754547
Mobile no.		9243125478
Registered Email		scienceprincipal@theoxford.edu
Alternate Email		iqacscience@theoxford.edu
Address		#32,17th B Main,IV Sector,HSR Layout,Bangalore560102
City/Town		Bangalore
State/UT		Karnataka
Pincode		560102

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Gayathri Sudhir			
Phone no/Alternate Phone no.		08061754549			
Mobile no.		9243125478			
Registered Email		iqacscience@theoxford.edu			
Alternate Email		scienceprincipal@theoxford.edu			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://www.theoxford.edu/college_of_science/pdf/AQAR%20-%202017-18%20-%20TOCS.pdf">http://www.theoxford.edu/college_of_science/pdf/AQAR%20-%202017-18%20-%20TOCS.pdf</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="http://www.theoxford.edu/college_of_science/academic_plans.htm">http://www.theoxford.edu/college_of_science/academic_plans.htm</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.10	2011	16-Sep-2011	15-Sep-2016
2	A	3.06	2017	12-Sep-2017	11-Sep-2022
<b>6. Date of Establishment of IQAC</b>			01-Jul-2010		
<b>7. Internal Quality Assurance System</b>					
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
Academic Audit	06-Jul-2018 3	106
National conference	10-Oct-2019 2	567
Value Added program	07-Jan-2019 60	456
Projecthon	03-Jun-2019 1	214
Augmenting Research Facility Setting up Of HPLC facility	08-Mar-2019 150	250
Augmenting Research Facility- Setting up of Bioprocess Facility	08-Mar-2019 150	250
Administrative Audit	07-Jul-2018 1	35
Appointment of Associate Deans	06-Jul-2018 1	10
Usage of LMS to prepare lesson plan and work diary	01-Jun-2019 300	103
Augmenting Quality In Administration - Responsive Office Management Training	18-Jul-2018 1	35
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
DST FIST	FIST	GOI	2019 600	300000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes

Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	75000
Year	2019

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

National seminar on quality Enhancement Centralised Internal examination  
Compulsory in house project Online examination Core company placement

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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
centralised examination	better performance by the students.
Promote internship	UG and PG students exposed to industry culture
Scientific temper among faculty and students	Two days national seminar in association with Indian Science congress association in threein parallel tracks (Physical science,life science and fashion and apparel design)
Skill test through technical fests	Ten technical fests were conducted
Stress management activites	Meditation class and celebration of Budda purnima
Inculcate research culture among students	Projecthon
Academic critic feedback	Collection of feedback from toppers and set up immediate action to improve the academics standard
Inculcation Of Human Values and Ethics	Celebration Of Ambedkar Jayanthi, Youth Day

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**14. Whether AQAR was placed before statutory body ?**

No

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

No

<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	05-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	online admission portal, academic portal, ERP Solution, e content, online examination, student database, course outcome, program outcome, survey, 360 degree feedback, lesson plan, academic calendar, IA examination, question bank, audit and self appraisal

## 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 science strives to empower faculty to achieve excellence through cutting edge academic practices by encouraging them to develop a deep understanding of learning patterns to effectively apply and adopt teaching strategies to meet their own goals and students' needs. Teaching and learning will be planned, delivered and monitored in accordance with the values and principles to ensure quality throughout the process. The college will conduct orientation programs for Undergraduate and Postgraduate students at the beginning of the course. Bridge courses will be conducted before commencement of the regular teaching plans to fortify their basic knowledge on the subject. Each department will frame the syllabus for the same and individual faculty will have a thorough interaction with the students to familiarize their course of interest. The Academic Calendar will be released in the beginning of every semester that includes complete information on the various curricular, co-curricular and extracurricular activities. The head of the departments conducts academic planning meeting to plan and organize the schedule of lectures and distributes the syllabus among the faculty members of their departments. Faculty members are instructed by the head of departments to complete the syllabus within stipulated time. Each faculty will prepare lesson plan for their respective subjects based on the academic calendar, to serve as the road map for students and faculty for the effective completion of syllabus. The same will be submitted to Dean-Academics and uploaded in the campus management system. Each faculty ensures the predominant use of classroom with latest ICT tools for the effective transmission of information to students. During the class room and practical sessions Students will be challenged to think critically, to communicate lucidly, and to synthesize broadly in order to solve problems within their discipline of study. The faculty use futuristic computer facility where students will experience virtual labs to develop a complete Learning Management System & avail the various tools for learning, including additional web-resources, video-lectures and animated demonstrations and campus

management. Understanding each student is different in terms of learning ability, academic standards, classroom learning and academic performance, to provide learning support remedial teaching and intensive coaching is offered to students who need extra and special attention after the regular class. The slow learners were screened based upon their performance in the internal examination, class test, performance in the laboratory and class room sessions. The academic progression of identified students was monitored by different mentors of the department. Seminar and assignments are mandatory requirement for every programme. To develop public communication skill all the post graduate students are assigned with two seminar topics every semester one from the curriculum and other from the thrust areas of research. The performance of the students is evaluated by group of teachers based upon the content, presentation skill and answering ability All the departments are offering value-based add-on courses and enrichment programs for students to help them to acquire employability skills and novel knowledge.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Commercial Tissue culture		16/08/2018	5	Employability entrepreneurship	To impart advanced training in plant tissue culture technology to develop entrepreneurs hip skills.
Mushroom Production		03/09/2018	6	Employability entrepreneurship	Create skilled personalities in spawn management and cultivation methods of different edible mushrooms
Chromatographic tools for purification of Organic compounds		10/09/2018	5	Employability entrepreneurship	Familiarize various Chromatographic tools for purification of Organic compounds
Vermiculture and vermicomposting		24/09/2018	4	Employability entrepreneurship	Aquire knowledge in producing good quality vermicompost using correct species of earthworms

and composting methods in appropriate location.

Biosurfactants	24/09/2018	4	Employability entrepreneurship	Knowledge of surfactant behaviour and formulation.
PCB Designing	15/10/2018	6	Employability entrepreneurship	Knowledge about PCB design and fabrication
SQL	22/10/2018	5	Employability entrepreneurship	Knowledge about Basic Programming
Latex Beamer	22/10/2018	5	Employability entrepreneurship	Knowledge about Mathematics Software
Photonics Chip design by software simulations	12/11/2018	5	Employability entrepreneurship	Knowledge about VLSI

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	AECC	01/06/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Machine learning	02/07/2018
MSc	magneto hydro dynamics	02/07/2018
MSc	graph theory	09/07/2018

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

	Certificate	Diploma Course
Number of Students	150	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
Pedagogical Techniques	05/07/2019	150
C#	10/08/2019	40
Personality Development	11/05/2019	250

Program		
Research Methodology	27/12/2018	220
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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
MSc	Biochemistry	44
MSc	Physics	3
MSc	Biotechnology	48
MSc	Microbiology	56
MSc	Chemistry	4
MSc	Genetics	12
MSc	Computer Science	20
MSc	Mathematics	20
MSc	Statistics	7
MSc	Fashion and Apparel Design	30
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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
<p>The college considers academic feedback is more strongly and consistently related to achievement than any other teaching behavior and is an essential part of effective learning. The college already has an effective mechanism to obtain and analyze student feedback. The students can provide feedback on institutional performance through various channels such as suggestion boxes, students' council, grievance redressal cell and feedback forms. Based on the type of feedback respective committees meet and address the issues. Some of the feedback is also discussed at the annual strategy meet and the Governing Council meet. At the end of each semester Dean Academics will call for a meeting of 5 meritorious and regular students from each class to review and ensure the effective completion of the syllabus. Each student will be provided with a predesigned feedback form wherein the individual faculty s academic performance will be recorded. These forms will be analyzed by principal and dean academics and corrective measures will be taken wherever necessary. The college believes that one of the best ways to analyze the teaching capabilities of staff is to practice 360 degree feedback, which offers teachers the opportunity to receive actionable feedback towards professional growth and improved student achievements. The report of the same will be generated and</p>

analyzed by the Principal and Viceprincipals of the college and effective measures will be taken. This campus management system is well managed by portal of epaathasala. The Institution encourages various stakeholders such as students, alumni and industry personnel to give their feedback about the curriculum. The college analyzes the suggestions and communicates the relevant inputs to the University through the senior faculty and BOE BOS members. Such feedback by the faculty has resulted in timely changes in the syllabus, scheme of examination and practical experiments. The Inputs obtained from the Alumni during the Alumni meet is considered to be of greater weightage, since their career interactions enable them to identify the strengths and weaknesses in the curriculum. An analysis is obtained from academic peers representing various autonomous institutions and other universities during their visit here as guest speakers or as external examiners. Since communication with industry is a regular practice either for an industrial visit, Internship, collaborative project by our students or for job recruitments at the campus, continuous feedback of the curriculum is obtained during these interactions. The feedbacks are analyzed and suitable measures are taken to enrich the curriculum.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	BcGtBt	120	85	78
BSc	BcZMb	40	30	27
BSc	BcGtMb	120	60	54
BSc	CGtBt	240	24	19
BSc	CZMb	120	33	30
BSc	CZBt	240	58	51
BSc	PMCs	120	49	44
BSc	PME	30	12	9
BSc	EMCs	240	22	19
BSc	SMCs	120	8	8
BSc	FAD	60	40	34

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	613	318	73	30	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	Number of	ICT Toolsand	Number of ICT	Numberof smart	E-resources and
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Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
107	107	45	20	10	1370

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

Yes Mentoring system is a strong response to tackle the problems and improve the all round development and personality of students. TOCS offers a highly efficient mentoring system through which a group consisting of 30 students are assigned to a faculty member at the commencement of every semester. The mentoring system of TOCS ensures that the students adapt to the dynamic learning environment and lead their ways into highly successful careers. The integrated mentoring system where the faculty acts as a link between the students and the institution performs the following functions:

- Mentors guide the students throughout the academic year.
- Mentors guide the students by assessing their internals, projects, assignments, class tests.
- Class teachers along with mentors conduct PTA meetings and discuss with parents regarding progress of the students.
- Mentors conduct remedial classes for slow learners. Need based remedial classes have proved to be beneficial to the students.
- Mentors not only help the students in academic activities but also act as counselors, they speak to the students, identify their personal problems, they try to find out the reasons for low performance and provide solutions to their problems, help them how to overcome the depression, stress, control emotions.
- Mentors advice students in their career guidance, career selection.
- Mentors guide the students in conducting co curricular and extracurricular activities.
- The mentor maintains the report card which consists of both academic and personal data of students.
- The HODs of various departments monitor the activities of the assigned mentors
- Mentors give individual attention and encouragement and psychological support at the time of need
- Mentors communicate with other faculty and help students to work towards in their interested areas.

Targets achieved:

- Mentoring enhances students' academic performance and attendance and also helped our students to organize and execute co curricular activities, learn to solve problems in real life situations.
- Helped to mould the personality of the students.
- Advanced learners identified and encouraged with incentive prizes.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1911	103	1 : 20

## 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
103	80	23	23	25

### 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	NA	Associate Professor	NA
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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
BSc	S85	I	24/12/2018	14/03/2019

BSc	S85	III	19/12/2018	14/03/2019
BSc	S85	v	14/12/2018	18/03/2019
BCA	SB7	I	15/12/2018	21/03/2019
BCA	SB7	III	12/12/2018	19/03/2019
BCA	SB7	V	08/12/2018	18/03/2019
MSc	SM3	III	23/01/2019	17/06/2019
MSc	SM3	I	09/02/2019	25/04/2019
MCA	SAC	III	29/01/2019	20/05/2019
MCA	SAC	V	24/01/2019	27/06/2019
MCA	SAC	I	06/02/2019	25/04/2019
PG Diploma	CMD	1	30/03/2019	24/05/2019
BSc	S85	II	20/06/2019	14/12/2019
BSc	S85	IV	21/06/2019	31/07/2019
BSc	S85	VI	15/06/2019	25/07/2019
BCA	SB7	II	13/06/2019	14/12/2019
BCA	SB7	IV	14/06/2019	31/07/2019
BCA	SB7	VI	10/06/2019	23/07/2019
MSc	SM3	II	02/08/2019	30/10/2019
MSc	SM3	IV	19/07/2019	27/09/2019
MCA	SAC	II	26/07/2019	28/11/2019
MCA	SAC	IV	18/07/2019	17/10/2019
MCA	SAC	VI	10/07/2019	28/08/2019
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#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Centralized Continuous Internal Evaluation System: Assessment of performance is an integral part of teaching and learning process. As a part of sound educational strategy, the institution adopts Centralized Continuous Internal Evaluation (CIE) System to assess all aspects of a student's development on a continuous basis throughout the year. ? Orientation on Evaluation Process: Students are made aware of the evaluation process through the following initiatives: ? The orientation programmes at the beginning of the semester by the Academics of the college ? Lesson Plan contains evaluation procedures ? Academic Calendar with IA Exam dates ? Orientation on changes and amendments in the evaluation process through Tutorial Meetings ? Display in the College and Department Notice Board ? Result Analysis Review Meeting: Result Analysis is done by the class tutors after every CIA Test. Pass percentage of each course is calculated by dividing the total number of students appeared and passed in each course. The performance of the students is monitored by the Heads of the department 1 and the necessary feedback is given to the concerned faculty members. The Dean Academics conducts Review Meetings department wise to give necessary feedback for the improvement of students' performance. Remedial Classes are conducted for the slow learners, absentees and the students who participate in Sports, NSS activities and Placement Interviews. This practice helps struggling learners to update their subject knowledge and helps them to catch up with their peers. ? External examinations of three hours duration will be conducted at the end of every semester for all the theory papers and practical papers. Students should satisfy the eligibility criteria of 75

attendance in each semester to appear for University Examination. The students who have arrears are permitted to write their papers in both the semester examinations. ? Representation in the Board of Studies: The senior faculty members appointed by the University act as the member of Board of Studies. At Every meeting they suggest evaluation reforms and discuss any discrepancy in the Passing Board meeting. At the time of central valuation the examiners have the facilities to represent any out of syllabus questions. The chairman of the valuation Board will take necessary action.

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

Academic calendar is prepared by Principal and Deans before commencement of every semester consists of commencement of semester, plans of Deans and Departments viz., workshops, Guest lecture, Industrial visits, Internships, holidays, fests, awareness programs and schedule of internal examinations. . Subject loads are allocated to faculty members well before advance so that they could make the plans. Every faculty members prepares teaching plan for each theory and practical subjects before the start of the semester. Teaching plan includes unit number, number of hours per unit, content of syllabus to be covered, presentation by the student, methods of delivery, etc. Every department in the college keeps an eye on the quality of the teaching learning by daily monitoring of teaching learning activities by the head of the department/class coordinators/Dean Academics, continuous counselling through department meetings, students feedback on teaching learning activity, brain storming in the meetings for different teaching strategies, in semester examinations having different modules, result analysis. The institute refers the academic calendar to adhere to the planned curriculum and other activities. An orientation is conducted for students and teachers before the commencement of the end semester exams in which teachers are trained in how they have to carry out invigilation and how to avoid malpractices etc and students are trained how to face the exam and how to answer in the OMR sheet etc

## 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.theoxford.edu/college\\_of\\_science/pdf/CO.pdf](http://www.theoxford.edu/college_of_science/pdf/CO.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
S85	BSc	B.Sc	301	234	77.74
S86	BSc	Fashion Design	24	16	66.66
SB7	BCA	Bachelor of computer application	179	135	75.41
SM6	MSc	Microbiology	59	58	98.30
SM3	MSc	Mathematics	22	19	86.36
ST4	MSc	Biotechnology	50	46	92

SBM	MSc	Biochemistry	44	29	65.9
SET	MSc	Electronic Science	3	3	100
SAG	MSc	Applied Genetics	14	14	100
SC4	MSc	Chemistry	35	18	51.42
STS	MSc	Statistics	7	3	42.85
SP4	MSc	Physics	15	10	66.66
SSC	MSc	Computer Science	10	10	100
SAC	MCA	Computer application	12	12	100
AEL	MA	English	6	5	83.33
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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.theoxford.edu/college\\_of\\_science/pdf/SSS%20Report-2019.pdf](http://www.theoxford.edu/college_of_science/pdf/SSS%20Report-2019.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	1820	DST FIST, GoI	60	29
Minor Projects	180	Karnataka State council for Science and Technology (KSCST) Indian Institute of Science (IISc), Bangalore	0.7	0.7
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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
Seminar on importance of IPR	Biotechnology	21/09/2018

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
Biological Evolution of Schiff's bases and their	Dr. Gopal Reddy N.B	Indian Science Congress Association Conference	10/10/2018	Best Poster Presentation

transition metal complexes: an Over view				
Non - Invasive Blood Glucose Monitoring System	ShafiqulRahman Khan A	Indian Science Congress Association Conference	11/10/2018	Best Paper Presentatio
Study of Glucose Uptake Activity of Aegle Marmelos Ethanolic Extract on Liver Cell Lines By Flow Cytometer	Dr Shivaji Bole	Indian Science Congress Association Conference	11/10/2018	Best Poster Presentation
RFID Pick To Light	Manjula G	Indian Science Congress Association Conference	11/10/2018	Best Poster Presentation
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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
NA	NA	NA	NA	NA	27/12/2019
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
Biotechnology	0
Microbiology	0
Biochemisrty	0
Computer Science	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	NA	0	00
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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

Biotechnology	2
Chemistry	2
Language	5
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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
NA	NA	NA	2019	0	NA	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
Antioxidant activity and in silico analysis of Centella asiatica and Indigofera spaldingii in psoriasis.	Dr. Kamatchi. C	Biomedical and Pharmacology journal	2018	4	1	NA
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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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 donation	Rashthrohana Blood bank	5	132
Cancer and ill effects of tobacco awareness program	Centre for social action	2	17
NSSS camp	Gram panchayath Kottagalu gram panchayath	4	50

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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
NSS Camp	Best Nss team	Grama Panchayath Kottagalu Grama, Karnataka	50
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachha Bharath abiyani	BBMP	Cleaning of road	2	60
Cleaning of Agara lake	Karnataka Forest dept	Lake cleaning	5	55
AIDS Awareness	The oxford society of microbiology	AIDS awareness	10	324
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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
faculty exchange	Faculty	TOCS management	15
student exchange	Students	TOCS management	20
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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
On The Job Training	Train The Trainers	Life Science Sector Skill Development Council	24/07/2018	27/07/2018	4
On The job training	Train the Trainer	Stellix Biopharma	22/10/2018	26/10/2018	1
On the Job training	Train the Trainer	Seragen Biot herapeutics ltd	06/06/2019	28/06/2019	1

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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
<b>No Data Entered/Not Applicable !!!</b>			
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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
10	7.31

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSOFT	Fully	10	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24925	10198991	113	278597	25038	10477588
e-Books	22000000	13570	22000000	13570	44000000	27140
Journals	75	10477588	75	1018090	150	11495678
e-Journals	46000	19470	46000	19470	92000	38940
Digital Database	2	19470	2	19470	4	38940
CD & Video	811	0	56	0	867	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under

Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Manjula G	Microprocessor programming	microsoft	20/09/2018
Manasa	Solid Waste Management	Adobe Econtent Platform	21/08/2018
Sudharshana	Nature Reserves and Tribal Population	Adobe Econtent Platform	17/08/2018
Laxmi Rathnakaran	Environmental Pollution and Case Studies	Adobe Econtent Platform	10/07/2018
Monica Suresh	Air Pollution	Adobe Econtent Platform	06/08/2018
Deepa Kumari	International Laws and Agreements	Adobe Econtent Platform	03/09/2018
Dr Kiran Kuamr	Alternative use of Energy	Adobe Econtent Platform	15/09/2018
Sony Samuell	Energy Flow In The Ecosystem	Adobe Econtent Platform	18/09/2018
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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 (MGBPS)	Others
Existing	625	8	620	3	1	5	40	30	0
Added	0	0	0	0	0	5	0	0	0
Total	625	8	620	3	1	10	40	30	0

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

30 MBPS/ GBPS
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##### 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
The Oxford Studio	<a href="http://www.theoxford.edu/college_of_science/igac.htm">http://www.theoxford.edu/college_of_science/igac.htm</a>

#### 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

46.19

31.89

25

21.18

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)

Yes, the centrally air conditioned and automated library complements the rich learning experience. The library houses over 1.25 lakh books, 2.5 lakhs online books and 200 hard bound scientific Journal and around 2000 online national and international journals, periodicals, magazines, CDs and DVDs and theses. Supporting facilities available are INFLIBNET and DELNET facilities Automation of services for easy accessibility Reading room and individual cubicles, etc. The Oxford College has a well equipped centralized computer centre to cater to the students and the faculty. Eight excellent stateoftheart laboratories are set up in the college. These laboratories house a total of 625 computers connected on the LAN network. The specialized laboratories provide a variety of platforms and computing environment for UG, PG and research students. The WiFi facility connects the academic, administrative, and hostel blocks of the campus, with internet facilities on all the nodes. It also has the latest versions of scientific and technical software, and training kits etc. for the students of different branches. The computer centre is also used for conducting short term training programmes students and faculty. The Oxford College has world class classrooms with interactive boards and scientific laboratories designed with imported interiors and furnishings from well known designers and fabricators. The gallery classrooms are well equipped with latest teaching aids and audiovisual facilities. The College has wellequipped laboratories for each of the individual subjects to cater to regular daytoday practical and research activities. They are geared to provide extended individual experiment time. The labs stock sophisticated and highend instruments to help students familiarize themselves with futuristic technology. An added facility in the college is the English Language Laboratory consisting of 50 computers installed with Wordsworth software to hone the language and grammar skills of students. Such an opportunity for enhancement of soft skills provides our students with the advantage of competing in the global environment. The auditorium with a 650 seating capacity to enable the students and faculty to organize symposia, conferences and other academic and cultural programs. The auditorium is well designed with video conferencing facilities to interact with well known personalities in related fields all over the world. The college has drinking water facilities in each and every floor. The TOCS has Canteen facilities for students and faculties. The college has ramp for differentlyabled people. Sports complex is available in the college for indoor games.

[http://www.theoxford.edu/college\\_of\\_science/learning-resources.htm](http://www.theoxford.edu/college_of_science/learning-resources.htm)

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Endowment Fund , Merit Scholarship, Sports Scholarship	29	216000
Financial Support from Other Sources			
a) National	Social Welfare Department ,SC ST SCHOLARSHIP	460	5907331

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Course	14/06/2018	813	In House
Remedial Coaching	14/06/2018	576	In House
Language Lab	14/06/2018	700	Wordsworth Software
Yoga	14/06/2018	85	In House
Meditation	14/06/2018	157	In House
Personal Counselling	14/06/2018	2439	In House
Mentoring	14/06/2018	2439	In House
Soft Skill Development	14/06/2018	1573	In House
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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
2019	Personality and Employ ability Training Program	716	716	1	169
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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
4	4	7

## 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
1. Concentrix 2. Wipro 3. ICICI	360	104	1. GVK Boscience 2. Indegene 3. Molecular	169	56

Prudential 4. Paypal 5. OMICS 6. Resource Pro 7. Deloitte 8. Capgemini 9. Cipla			Connection 4. Thermo Fischer 5. Infosys 6. Sap Lab 7. Deltax 8. PayPal		
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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	201	1.B.Sc/ BCA 2. M.Sc / MCA	1.UG Departments of The Oxford College of science 2. PG Department of The Oxford College of Science	1. The Oxford College of Science 2. Mysore University 3. Bangalore University 4. Mangalore University 5. Manipal University 6. BHU 7. VTU 8. IISC	M.Sc / MCA and PhD Programs

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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
NET	1
SET	2
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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
Oxfoignite Fest	National	675
Kalarava Fest	National	785
Micromania	Inter Collegiate	356
ATGC	Inter Collegiate	456
Rasayana	Intra Collegiate	276
Bioconstellation	Intra Collegiate	475
Genesis	Intra Collegiate	345
Transient	Inter Collegiate	268
Sankya utsav	Intra Collegiate	245
Siddantika	Intra Collegiate	345
chess	Intra Collegiate	456

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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
2019	na	National	0	0	00	na

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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)

The Oxford College of Science has the Student Council separately for UG and PG program. The Principal is the Chairperson. The Student welfare officer is the member secretary. The council is managed by President, Vice President and members. The selection of the council members' procedure is as follows ? Each section selects two class representatives. ? From the set of class representatives, President, VicePresident, Treasurer, Cultural secretary, and sports secretary are elected. The cultural secretary and sports secretary are selected on the basis of active participation The members of the student council are elected for a period of one year. The Council members will conduct meetings and decide on various activities for the academic year. It is responsible for organising Regional Festivals such as Ayudha Pooja, Onam, College Festivals such as OXFOIGNITE, Social Functions and Internal Functions like Fresher's day, Farewell etc. Student Council is required to perform all necessary functions in connection with library, cafeteria, sanitation and general behavior. Students representatives are members of Governing Council , IQAC ,and Academic Council of Bangalore University

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of The Oxford college of Science is registered under Children's education Society. The Association is constituted with 6 member executive committee comprising of faculty members, alumni and the current students from both UG and PG. The association members created a social media group in the name "The Oxford Legendries". College conducts alumni association every year and felicitate the alumni who are excelling in their fields especially for entrepreneurs.

5.4.2 – No. of enrolled Alumni:

716

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

179000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni members were invited to the college to share their knowledge in their expertise fields. Mr.Girish Babu, Scientist,Biocon India Pvt Ltd (former student of Biochemistry) Mr.Riyaz Akter,Research Associate, HCG cancer Hospital (Former student of Applied Genetics) Mr.HarshaVardhan, Research Associate, Metgenomics (Former student of Applied Genetics) Mr.SiddaRaju,Research Associate,IISC (Former student of M.Sc. Electronics) Pritam Dey, Entrepreneur

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

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

The decentralization policy followed in the college is depicted below: ? The Governing Body delegates all the academic and operational decisions based on policy to the Principal ? The Principal organizes meeting with Vice Principals and IQAC - Coordinator to formulate common working procedures and entrusts the implementation with the HoDs. ? The HOD's manage the day to day activities of the department. ? A team of Faculty members and Students coordinate the co curricular and extracurricular activities in the College. ? Other units of the college like NSS, sports, cultural, library etc. have operational autonomy under the guidance of the various committees, associations and students are involved from various departments in the decision taking process. ? Examples of Horizontal delegation of authority and empowerment Empowerment of Vice Principals for Academic ? Preparation of academic calendar, workload analysis, introduction of add on programs, orientation programs and bridge course, lesson plan and and all other academic processes ? Dean Administrative Time table preparation, allocation if class rooms, monitoring of student attendance, uploading of all data, signing authority for some administrative processes ? Dean Examination Conducting internal examination and university exams,empowered to prepare strategy for orientation for new faculties to train them about invigilation etc, preparation of examination schedule ?Dean R D Empowered to decide on equipment to be procured for research through grant or through requisition from the HoDs o In house project proposals are approved by him ? HR and Placement o Empowered to conduct pre placement activities, select the service provider for grooming and training programs, empowered to conduct placement activities with companies that are relevant to the college, conduct alumni meet and other related activities, entry exit interview ? HoDs ? Empowered to take decisions on daily activities of the department, such as conducting fest, individual time table, faculty workload, allocation of coordinator role w, departmental sub committees ? Departmental budget, spending on approved budget ? Schedule for practical examination ? Internal marks ? Vertical delegation Program coordinators and event coordinators are empowered to decide on budget and expense for the event and program. NSS coordinator is empowered to decide on NSS activities and budget Physical education director is empowered for all sports related activities. Apart from empowering Vice Principals ,Deans ,Associate Deans HODs in the previous academic year the college has decentralized Cultural Coordinator, and ECO CLUB Coordinator and empowered them to take decisions regarding cultural activities,celebrating regional festivals and Eco friendly initiatives. Participative Management: The college involved all the faculty members in providing suggestion to all the deaneries during the strategy meet .The same were deliberated upon and constructive suggestions were considered for implementation .

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
Library, ICT and Physical Infrastructure / Instrumentation	Every PG classroom is equipped with LCD facility enabling the teachers to

effectively deliver the lecture using multimedia presentations, wifi enabled campus with 24 hours power backup for all laboratories. Availability of world class library facilities, resources especially reputed journals and digital library services like INFLIBNET and DELNET provide support to teachers and students. The college has a central library with 24,386 volumes, 9524 titles, 94 journals with desktop internet, reprography facility for the teachers and students. The Oxford College of Science has received the fund for DSTFIST, GoI. and BiSEP, GoK. in order to set up a bioprocess facility and Cellular and Molecular Diagnostics laboratory. The Quality improvement strategy adopted by the institution Latest edition of books in various subjects are added to the Library. E content capturing software was installed HPLC facility was setup.

Industry Interaction / Collaboration

The institution believes in bridging the gap by providing real time insight into the industry. Accordingly collaborations have been made with other Oxford Group of colleges and outside industry. MoUs have also been signed by few of the departments, wherein students are taken for industrial visit to these industries. In addition all the departments encourage students to carry out internship, research projects in association with the industry, Students are encouraged to take up inhouse projects that aim to create an arena for future research based activities.

Curriculum Development

The College being affiliated to the Bangalore University follows the curriculum designed by the University in which many of the senior faculties are members of the Board of Studies (BOS) and have been a part of the design and implementation of the CBCS curriculum. However to keep abreast with the latest development in the related field, the college offers various add on programs Value Added Programs, Vocational Educational Training Courses, Certificate Programs etc to supplement the curriculum. Introduction of Choice Based Credit System for Undergraduate and Post Graduate programmes by the Bangalore University has enhanced learning

opportunities to match up with students' scholastic needs, aspirations and professional requirements, entrepreneurship and vocational training. It has bridged the gap between professional and liberal education facilitating capacity building of students enabling academic flexibility both at UG and PG level. The existing curriculum in the college aims at achieving not only the professional academic development of the students but also blooming of their overall personality. The quality initiatives adopted this year under the Curriculum Development are: BiSEP curriculum is developed by our faculty and is been wetted by the industry personnel suiting to the industry structure and the same is implemented for PG students.

Teaching and Learning

A systematic approach towards teaching is followed at the college, starting with the framing of academic calendar and course plans which are rigorously executed with various teaching methodologies to make the learning process simple and easy to comprehend. Bridge courses and certificate courses are strategies to bridge the gap of learning and strengthen the curriculum. While bright students are encouraged to go beyond the syllabus and explore their potential through participation in seminars, paper presentations and project work, slow learners are identified and assisted by the concerned mentors formally and informally. Softskill training for career enhancement is given significant importance. Experimental learning at departmental level is achieved through industrial visits, problem based learning, projects, guest lectures and interaction with eminent personalities from industries and through outreach programmes. Stateofthe-art facilities like WiFi connectivity, well equipped and spacious laboratories, interactive boards and AV (AudioVisual) equipment's are provided to facilitate teaching / learning through ICT. The College is actively involved in initiating collaborations with industries in the form of MOU's, industrial visits, workshops training programmes student centered felicitate experimental learning . Customized lab manuals,

Question Banks and work books are prepared and issued to the students. HandsOn experimentation techniques are developed by inviting experts from different institutes and industries. Curriculum based programmes such as guest lectures, PBL, seminar presentations, journal club, industrial visits is been considered as the integral part of teaching learning practices and well executed in every departments. The Quality improvement strategy adopted by the institution The in house E Content facility is made available for the students which helps the slow learners in understanding the concept by accessing the material at their own pace n repeatedly .

Human Resource Management

Human Resource Management Human Resource Management is generally associated with recruiting faculty and non teaching staff with the appropriate knowledge and skills to accomplish the work tasks and to implement continuous development. The HR unit in an educational institute like us will have to play an active role in this improvement process, both in order to be as efficient as possible regarding its own services and in order to support the process in the society as a whole. The strategies of faculty and stuff recruitment are focused on ?

Creating a large talent pool of candidates to ensure the Institute can recruit and retain the best employee. ? Meeting the organizations diversity and social commitments by selecting candidates based solely on their merits and the way they fit in with the Institute's values, goals and culture. ? Improving the Institutes reputation through fair, unbiased and effective hiring practices and streamlining the process, including expediting future job analyses for similar positions. ? Evaluating the efficiency of different recruiting and sourcing techniques and sources for job applicants. The Quality Improvement strategy adopted by the Institution in the area of Human Resource Management is To reduce the rate of attrition the work load for the faculty who are active in research was reduced and they were encouraged to present papers and posters in conference and also the fees for attending such conferences was

reimbursed. To encourage leadership the positions were created based on the talent and requirement .

#### Admission of Students

The college has a transparent student admission process in order to have systematic enrolment practices, effective admission criteria and procedures for student selection. The admission policy exists envisions building a knowledge society thereby participating in nation's march in creating intellectual pool. A committee constituted by the Management principal prepares the prospectus and the application forms. Applications will be invited from eligible students for all the programs. The college offers both Direct and Indirect admission procedure for the ease of the process. Transparency in the admission process is ensured by compiling all the applications based on the merit of individual student. The admission committee ensures equal opportunities to all the category of students. The admission is offered to the legal Indians/ foreign national who have valid passport and study permit. By accepting the offer of admission, the applicant should abide by the Code of Conduct and by the rules and regulations of the College. The College does not discriminate on the basis of race, colour, ethnic/national origin, gender, sexual orientation, age, religious or political beliefs, disability or any other category where discrimination cannot be reasonably justified. The committee ensures the requirements of the process with regard to eligibility of candidates for various courses. The admissions are made as per State Government and affiliated University norms and guidelines.. . Entry is granted to all applicants who meet the minimum educational qualification and entrance requirements. However the cutoff percentage is at the discretion of the management. The college also ensures the priority to meritorious, economically backward and category based students prescribed by Government of Karnataka. The Quality improvement strategy adopted by the institution is career guidance .The dedicated counselor elaborated the prospective students about the various

opportunities available with their chosen course during the admission time. This enabled the prospective students to choose the proper course and career path .

#### Research and Development

The Oxford College of Science has an internal research committee (IRC) to monitor and address the issues of research in order to develop research culture among both faculty and students. The College encourages all departments to conduct seminars and workshops to keep the faculty and students updated.. The quality improvement strategy adopted by the Institution in the area of R D : To encourage high quality and to augment competitive spirit among the students and their respective guides ,college organised PROJECTION. The Quality improvement strategy adopted by the institution The institution encourages faculty to enroll for PhD program.4 faculty members have registered for PhD program this year. The Institution encouraged faculty members to apply for funded projects with various agencies. During the academic year project proposals worth 1 crore 7 lakhs were applied .

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

E-governance area	Details
Planning and Development	It is implemented through Campus.technology
Administration	It is implemented through Campus.technology
Finance and Accounts	It is implemented through Campus.technology
Student Admission and Support	It is implemented through Campus.technology
Examination	It is implemented through Campus.technology

#### 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
2019	Dr R Kavyashree	Science Communication Meet .106	Indian Science Congress Association	35000

		science Congress Meet		
2019	Dr Debarathi	ISCA Membership	The Oxford College Of Science	2000
2019	Dr Gopal Reddy	ISCA Membership	The Oxford College Of Science	2000
2019	Dr Deepa Gopinath	ISCA Membership	The Oxford College Of Science	2000
2019	Dr Kamatchi	ISCA Membership	The Oxford College Of Science	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NA	Effective usage of INHAWK software for university data uploading	19/09/2018	21/09/2018	3	10
2018	Campus Technology training	NA	05/07/2018	05/07/2018	75	5
2019	Techniques in Virology	NA	12/03/2019	13/03/2019	5	0
2019	3D Printing	NA	12/03/2019	12/03/2019	6	0
2018	Artificial Intelligence	NA	11/10/2018	11/10/2018	20	0
2018	Quantum Computing	NA	11/10/2018	11/10/2018	25	0
<a href="#">View File</a>						

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	Number of teachers who attended	From Date	To date	Duration

programme				
Industrial Automation using Schneider PLC,	2	29/01/2019	31/01/2019	3
Classroom Etiquettes	85	30/08/2018	30/08/2018	1
How to be an effective Teacher and Mentor	65	18/01/2019	18/01/2019	1
FDP by Biocon Adacemy	2	02/07/2018	13/07/2018	11
Insight into Microbiology and Molecular biology	2	02/01/2019	15/01/2019	13
Orientation Program Vigilance during Invigilation	78	15/10/2018	15/10/2018	1
Work life @ Oxford	40	22/08/2018	22/08/2018	1
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
23	23	9	9

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Card,EPF,Subsidized canteen food, Maternity leave, Free Dental treatment,	Health Card,Free dental treatment,,Free transportation,maternity leave,subsidized canteen	Free health check up, Free dental check up,scholarships through endowment fund

**6.4 – Financial Management and Resource Mobilization**

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

Yes. The accounts and audit sections will carryout internal audit from time to time at least once in a month of the accounts and cash counters and seek clarification on the lacunae if any. The audit observations will be attended and report of compliance submitted to waive the audit objections. The external audit of the entire accounts of the College are held by M/s. S. Venkatesan Co. Audited statement of accounts and audit report will be submitted to the Management under copy to the Principal. The audit objections and observations if any will be clarified at the stage of audit itself and if there are any further outstanding observations reflected in the audit report will be set right immediately and a report thereof sent to the auditors.

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
NA	0	NA
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6.4.3 – Total corpus fund generated

0
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**6.5 – Internal Quality Assurance System**

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Kahan technologies	Yes	Principal ,IQAC Coordinator
Administrative	Yes	Kahan Technologies	Yes	Principal, IQAC Coordinator

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

Parent teacher Meeting Parent feed back on Infrastructure and quality of teaching Guest Lectures by parents who are Industry professionals/Academicians Support to conduct Fashion Show Financial assistance for conduction of National fest KALARAVA
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6.5.3 – Development programmes for support staff (at least three)

1. Awareness program on Investment Policy. 2. Health Camp in association with The Oxford Medical College and Research Centre. 3. Awareness programme on Mindfulness in Life skills.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

In house projects Latest edition of Library books Skill development cell Online courses In house certificate prigrams
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
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
2018	Strategy meet	06/07/2018	06/07/2018	07/07/2018	87
2018	national conference in association with indian	11/10/2018	11/10/2018	12/10/2018	547

	science congress bangalore chapter				
2019	Projecthon	03/06/2019	03/06/2019	03/06/2019	256
2019	IQAC Conference on Quality Enhancement And Sustenance	05/07/2019	05/07/2019	05/07/2019	250
2018	LSSSDC Accreditation for Skill Development Courses	13/06/2018	13/06/2018	31/12/2019	20
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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
importance of family life	21/09/2018	21/09/2018	123	145
Dowry harassment	22/11/2018	22/11/2018	95	134
Importance of learning self defence	24/08/2018	24/08/2018	438	247
Addiction	18/07/2018	20/07/2018	457	478
Finance management	20/12/2018	20/12/2018	145	156
AIDS awareness	03/12/2018	03/12/2018	237	267
Empathy for LGBT Community	08/02/2019	08/02/2019	145	92
Overcoming broken relationship	15/03/2019	15/03/2019	134	107
awareness on menstrual cycle	06/03/2019	06/03/2019	345	0
PCOD and weight management	21/02/2019	21/02/2019	356	0
Breast cancer and awareness	18/04/2019	18/04/2019	276	67
Ovarian cancer	17/01/2019	17/01/2019	168	98

and poly cystic  
ovary

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

The institution is in the process of implementing the renewable energy source. The solar power system will be connected to the main power grid to facilitate the excess power to be saved back to the grid

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	Yes	0
Scribes for examination	Yes	2
Special skill development for differently abled students	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	1	19/08/2018	1	Swachatha HI seva	3	77
2018	0	1	31/08/2018	1	Stop Chikangunya and dengue	4	63
2018	1	0	08/09/2018	1	OUR MONUMENT IS OUR PRIDE	1	53
2018	0	1	01/10/2018	2	VISHWA HERIYARA DEENA	2	106
2018	0	1	16/10/2018	1	blood DONATION CAMP	2	135
2018	1	1	14/11/2018	1	How to use mass media in	2	18

					learning		
2019	1	1	06/02/2019	1	Solution to plastic menance	2	77
2019	1	1	07/02/2019	1	Cancer and tobacco ill effects awareness program	3	29
2019	1	1	09/02/2019	1	construct ion of walk way at BBMP park Hsr layout	1	37
2019	0	1	25/03/2019	8	Develop green walkway	1	52
2019	0	1	25/03/2019	8	PRESERVAT ION OF OLD MONUMENT1	1	52
2019	0	1	16/03/2019	1	Voter Awareness Campaign	2	700

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

Title	Date of publication	Follow up(max 100 words)
Students Handbook	01/06/2018	The handbook contains professional ethics and code of conduct for various stakeholders The handbook is updated whenever there is a change in the university rules and regulations

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
PANNA Buddha Purnima	03/05/2019	03/05/2019	257
Arive Ambedkara ,life lesson	15/04/2019	15/04/2019	367
Gandhi Smrithi	24/04/2019	24/04/2019	187
Youth day	12/01/2019	12/01/2019	456
Bhagath singh a legend	28/09/2019	28/12/2019	267
SangolliRayanna nenapu15	15/08/2019	15/08/2019	156

Vishwa manava day	28/12/2018	28/12/2019	234
Rashtriya Ekhatha Diwas	31/10/2018	31/10/2018	75

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

Green campus pledge by students Plastic free campus Eco freindly methods to serve fruit juices Minimum usage of paper online workdiary by teachers

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice Effective Strategic plan, academic calendar and lesson plan 2. Goal Comprehending the relationship between strategic planning and quality of output, the college conducts a strategic meet at the beginning of every academic year involving all the departments. The objective of the meet is to define and achieve goals at the departmental level, identify and dissolve the various barriers in realizing the set goals. The Planning also emphasizes predetermining targets and designing an effective blue print for the entire academic year in the form of an academic calendar. The Academic Calendar serves as a complete information source on the various curricular, cocurricular and extracurricular activities of the college for students and faculty. Based on the academic calendar, the teachers prepare a lesson plan for their respective subjects. The lesson plan serves as the road map for students and teachers for the effective completion of theory and practical syllabus. Adherence to academic calendar and lesson plan facilitates a healthy, hassle free and active learning environment. 3. The Context The Oxford College is well aware of the necessity to identify and analyze the SWOC Strength, Weakness, Opportunities and Challenges of the institution to measure the growth and decide the future goals of the institution. The strategic meet is one of the tools employed in the college to coordinate all the departments under a single roof and assess the trends, success and challenges on various academic initiatives and activities. The Academic Calendar serves as a portal for faculty and students in all their academic and nonacademic endeavors. The lesson plan serves as a guide for both students and teachers and helps the students to be prepared with the subject topics aiding interactive learning in the classroom sessions. 4. The Practice A Strategic meet encompasses two components the initial planning process followed by the actual strategic plan. Strategic planning helps to define and constitute the academic, cocurricular and extracurricular activities of the term. During the planning, Dean, Academics presents a review of the previous year's activity of all the departments the principal of the college declares the thrust areas to be focused for the next year. The Heads of the departments and the faculty members chart out the activities plan of action based on the centralized academic calendar prescribed by the university. The principal, vice principals and members of IQAC analyze the feasibility of the proposed strategy and frame a consolidated plan of action for the college in the form of an academic calendar. The calendar comprises of all the activities of the college, important dates, internal examinations, public holidays, semester end examinations etc. Thus it serves as a draft for faculty and students in all their endeavors. Each strategic meet emphasizes on individual commitments, quality learning, promoting leadership, prioritydriven decision making, allocation of resources and institutional future. The responsibility of building, implementing and evaluating the strategic plan is shared among all of the College stakeholders. The lesson plan based on the academic calendar is designed to align the learning objectives of all subjects with the overall development of students. The lesson plan includes Name of the department, Subject, faculty, date, no of hours, individual topics, seminars assigned, and internal examination schedule which gives a definite symmetry to all the

processes. Once approved by the Dean academics, lesson plans are circulated among the departments and the students. Prior to the internal examination, the heads of the departments conduct a review meeting on the syllabus completion and design strategies to compensate for any deviations found in the lesson plan.

5. Evidence of Success The introduction of strategic meet has greatly helped the college to function as a unit rather than individual departments as the entire faculty and students are well aware and involved in the proceedings of the college. The integrated planning has immensely aided the entire organization to seamlessly execute the curriculum. The meet also provides a forum for all to share their views and ideas. The strategic meet and academic calendar guide the faculty and students in aspects like time table, activities of the departments, support services, faculty achievements, research contributions, RD progress etc. The distribution of the lesson plans in the beginning of the semester has helped the students to meticulously plan for the university semester examinations. In a nutshell, the strategic meet, academic calendar and lesson plan have created a highly positive impact on the overall quality of teaching learning in the institution.

6. Problems Encountered and Resources Required The college did not encounter many problems during the implementation of the above practices. The introduction of these best practices received an overwhelming response from students and faculty. With the support of the management of the institution, the financial constraints were well resolved. Minor problems like uncertainty in the university calendar, unexpected holidays and detailed explanation of certain topics due to students' interest slightly affected the implementation of the lesson plan which was compensated with extra classes. In the academic calendar industrial visits and guest lectures are planned by taking permission from the concerned industries and speakers well in advance. Due to emergency audits and unavailability of speakers, some events were either postponed or preponed. The major resources required were the support of the management and the complete cooperation of the faculty.

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

[http://www.theoxford.edu/college\\_of\\_science/Best%20Practic2018-2019.pdf](http://www.theoxford.edu/college_of_science/Best%20Practic2018-2019.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

Vision and Mission of the Institution is to mold the students to aspire for the welfare of society through excellence in science and technology. Institution consistently inspires students and provides platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. The Institute has established its distinctive approach towards this comprehensive Vision by wellcrafted policies involving all the stakeholders of the Institution as detailed below.

1. Excellence in Academic through Innovative teaching learning policies
2. Exploration of knowledge through research and development policies
3. Excitement of Innovation Entrepreneurship through consultancy policies
4. Exponent for Development of a Rounded Personality with Global Vision and Social Responsibility through Inclusive Policy and Student Welfare Policy

1. Excellence in Academics Objectives: Preparing students for life in a global society by realizing their potential through a transformational learning experience. Enabling students from all backgrounds and abilities to reach their maximum potential academically and as individuals. Encourage independent thinking and learning skills through innovative tools and techniques. Continuous Up gradation of Curriculum planning to ensure quality teaching and learning Maximize student attainment and achievement. The process followed to

achieve above objectives are: Regular Classes Bridge Courses Chart/Models Enrichment Programs Industry Visit Workshop Assignment Guest Lecture Add on Programs Remedial Classes Problem Based Learning. Peer Teaching 2. Exploration of Knowledge through research Faculty are encouraged and provided with conducive environment to apply for extramural research grants, workshops, FDP's conferences and seminars. Students are encouraged to take up inhouse projects and to participate in conferences, workshops. The college regularly organizes National Conference "Jnanarjana", a scientific platform to showcase research abilities of its faculty and students. The college publishes scientific journal " The Oxford Journal of Science and Research "and encourages faculty and students to publish articles thereby honing their writing skills 3. Excitement of Innovation and Entrepreneurship Internal research committee crucially works on generating the excitement in the young science brains to produce innovation and thus laying the stones for entrepreneurship. EDP's are conducted regularly by EDC inviting young entrepreneur's to share their experience about start up. Students are encouraged to develop prototype for which week end lab facilities are extended to work on innovative project ideas . 4. Exponent for Development of Personality and Social Responsibility Participation of students in CoCurricular Activities and Extra Curricular Activities helps to enhance all rounded personality to strongly face the turbulent road of the future. To develop student's personality and social belongingness among students following activities are carried out in institution: NCC Activity NSS Activity Buddha Center Activities Vivekananda Center Activities Gandhian Studies Activities. Ambedkar Center Activities. Awards for SC/ST Enrichment Programmes Service of Scribes for visually challenged Seating Arrangement for disabled Exclusive SC/ST book bank English lab for communication and personality development Remedial classes for students participating in Extra Curricular and CoCurricular Activities

Provide the weblink of the institution

[www.theoxford.edu](http://www.theoxford.edu)

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

Establishment of skill development center Science club Online Mooc courses Internal examination reforms Entrance examination for admission Incubation center for startup