



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		UNIVERSITY OF CALICUT
Name of the head of the Institution		Dr. K Mohammed Basheer
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04942407102
Mobile no.		9400007779
Registered Email		vc@uoc.ac.in
Alternate Email		vcoffice@uoc.ac.in
Address		Calicut University P.O, Thenhipalam
City/Town		Malappuram
State/UT		Kerala
Pincode		673635
<b>2. Institutional Status</b>		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. (Dr.) Manoharan M
Phone no/Alternate Phone no.	04942407139
Mobile no.	9447424043
Registered Email	diriqac@uoc.ac.in
Alternate Email	ariqac@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.uoc.ac.in/images/PDFs/AOAR%202017-18%20Final.pdf">https://www.uoc.ac.in/images/PDFs/AOAR%202017-18%20Final.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="https://igac.uoc.ac.in/images/Reports/Academic_Calendar/Academic_Calendar_2018-19.pdf">https://igac.uoc.ac.in/images/Reports/Academic_Calendar/Academic_Calendar_2018-19.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	Three Star	0	2002	12-Feb-2002	11-Feb-2007
2	B	2.94	2010	26-Mar-2010	27-Mar-2015
3	A	3.13	2016	16-Sep-2016	15-Sep-2021

### 6. Date of Establishment of IQAC

07-Jun-2007

### 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

Embracing Technology in Higher Education - The Challenges and Opportunities for Colleges	24-Nov-2018 1	120
Revised Accreditation Framework of NAAC and Quality Systems in Higher Education	05-Mar-2019 2	230
Idea Pitching competition for Students in collaboration with Kerala Startup Mission and Calicut Management Association	27-Apr-2019 1	70
IQAC Board Meeting	16-Jul-2018 1	10
IQAC Board Meeting	30-Oct-2018 1	10
IQAC Board Meeting	23-Mar-2019 1	7
Short Term Course on Soft Skill Development for Teachers	19-Mar-2019 6	38
Short Run Course on Curriculum Designing for Faculty in Education	05-Jan-2019 6	18
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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
Dr. Smitha V B, Dept. of Biotechnology	Project	KSCSTE	2016 1095	3064400
Dept. of Biotechnology	Bioinformatics Infrastructural facility	DBT	2006 4745	687543
Dept. of Physics	SARD	KSCSTE	2014 1460	3500000
Dept. of Physics	Project	BRNS	2018 1095	3327300
Dept. of Chemistry	DST FIST	DST	2014 1825	8000000
Dept. of Biotechnology	M.Sc. Teaching Programme	DBT	2018 365	2413720
Dept. of Education	P M M M N M TT	MHRD	2016 1825	43300000

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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 :**

3

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)**

1. Conducted one day workshop for the Principals/IQAC Coordinators of various colleges on Embracing Technology in Higher Education The Challenges and Opportunities for Colleges, in collaboration with ICF Kerala Chapter on 24/11/2018 2. Conducted two day workshop for University teachers and Principals/IQAC Coordinators of affiliated colleges on Revised Accreditation Framework of NAAC and Quality Systems in Higher Education during 0506 March 2019. 3. Conducted IDEA PITCHING contest for the students of University teaching departments and affiliated colleges, in collaboration with Kerala Start Up Mission (KSUM) and Calicut Management Association (CMA) on 27 April, 2019. 4. Selection of University Teaching Departments for special funding as Centres with Potential for Excellence. 5. Initiated process for the preparation of Academic Master Plan.

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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
To organize workshops for Principals/IQAC Coordinators of affiliated colleges	Conducted one day workshop on Embracing Technology in Higher Education on 24/11/2018
To conduct of workshops on Revised Accreditation Framework of NAAC and Quality Systems in Higher Education to IQAC Coordinators and to Principals of Affiliated Colleges	Conducted two day workshop on Revised Accreditation Framework of NAAC and Quality Systems in Higher Education

Interaction with eminent scholars	Sir. Richard Roberts Ph.D, F.R.S, 1993 Nobel Laureate in Physiology or Medicine and Chief Scientific Officer, New England Biolabs visited the campus and interacted with students and teachers on 14th January 2019
Induction Program for first semester PG program students and parents	Over 800 students benefited
UGC-NET Coaching for PG Students	764 students benefited from the program and 92 students cleared the exams
Selection of Departments as Centres with Potential for Excellence	5 departments were identified as Centres with Potential for excellence to help them to reach world class standards in a phased manner by extending financial assistance as per their proposal
Development of Academic Master Plan	Initiated
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Syndicate of Calicut University	30-Dec-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2019
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Date of Submission	18-Mar-2019
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	a) College Portal : for capturing details of teachers and students of affiliated colleges. b) Departmental Portal : to capture details of the activities of teachers in the University departments c) Students Portal : to capture details of the students in the University teaching departments d) Integrated Examination Module : it includes facility for exam registration, issuance of Hall ticket,
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publication of result, for applying for Original Degree Certificate and all other auxiliary certificates e) Pay Roll module : Direct transfer of Salary, leave processing, issuance of pay certificates, pension certificates etc. f) Digital Document Filing System(DDFS) a comprehensive digital solution for administration. d) Admission Module(CAP) for allotment of seats for UG and P.G Programs in the University Teaching Departments and affiliated Colleges. e) Library Module

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
PG Diploma	FSCPSYPGD	Rehabilitation Psychology	12/06/2019
MlibISc	FHMLISMLISC	Library & Information Science	15/11/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Forensic Science	01/06/2018	FSCFSCMSC Forensic Science	01/06/2018

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#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Forensic Science	01/06/2018

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Forensic Science	01/06/2018

#### 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

NIL	Nil	Nil
No file uploaded.		

### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology	9
MSc	Applied Plant Science	3
MSc	Applied Chemistry	24
MBA	Management Studies	6
MA	Theatre Arts	55
MA	Applied Economics	30
MEd	Education	47
MA	Folklore	33
MSc	Applied Geology	37
MLibISc	Library & Information Science	25
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
<p>Calicut University has introduced a structured feedback system for obtaining the feedback of the student community. By using specifically designed feedback forms, students were asked to evaluate the teachers performance and curricular aspects at the end of each semester, by maintaining anonymity. The feedback thus received is used for evaluating various aspects like the knowledge of the teacher on the subject, teaching skill, interactive teaching, special care for weak students, use of audiovisual aids, etc. On receipt of the feedback from the students, it is placed before the Department Council for discussion and analysis. The minutes of the meetings are sent to authorities for necessary evaluation and decision making process. At the University level, the feedback obtained is utilized to identify and evaluate the strength and weakness to improve University policy to ensure continual improvement in teaching and learning process and for providing quality education to the students. The feedback obtained is meticulously analyzed so that the suggestions are implemented to enhance the academic standards. The feedback system sustains the healthy relationship between students and teachers. The demands of the students with regard to revision of curriculum to suit the industry needs are immediately taken into account to cater to their growing academic needs. The feedback system in the Calicut University plays a decisive role in bringing out</p>

a pragmatic outlook among teachers. Teachers are immensely benefited by acknowledging the academic aspirations of the younger generation. The feedback facilitates an introspective academic routine reinforcing the need of updating among the teachers of the departments. Above all, the feedback system channelizes both the philosophical and pragmatic visions of the teachers to cater to the academic quest of student community. A comprehensive software module is on the making for obtaining the feedback from different groups viz, students, faculty, parents and for its analysis. On completion of the software module, the University will utilize the outcome of the feedback for designing the curriculum in tune with the demands of the industry and that of the students.

## 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
MA	Women's Studies	24	632	19
MA	Comparative Literature	24	337	20
MA	Sanskrit	30	54	16
MA	Malayalam	30	835	30
MA	Functional Hindi & Translation	20	58	6
MA	Hindi	30	236	27
MA	English	25	1906	27
MA	Aarbic	25	143	25
BA	Theatre Arts	15	108	14
BA	Sociology	40	60	40

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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	54	1021	Nil	179	179

### 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



179	179	818	115	70	330829
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Student Mentoring system is prevailing in the University through which all the faculty members meet the students and guide them with their studies and extra-curricular activities. They also provide advice relating to selection of major, career guidance and personal problems. The mentors act as guides to the students during their summer and final projects. Mentors coordinate with the parents regarding the progress of the students. Mentors also keep track of the mentees' performance during the summer internship by continuous interaction with the industry guide designated to the student by the company. Mentors communicate with fellow faculty and promote mentees at the time of difficulty / opportunity to help them develop further in their areas of interest. Specific specialized topics are taught by the external faculties from other Institute and nearby Universities. As per the prevailing system, a mentor often has two primary functions for the mentee. The career-related function establishes the mentor as a coach who provides advice to enhance the mentees professional performance and development. The mentor will sign a University form in this regard, provided by the Office of the CCSS. The mentor may share with a mentee, the academic information about his or her own career path, as well as provide guidance, motivation and role modeling. The mentor will help mentee, with exploring careers, setting goals, developing contacts, and identifying resources. An average of 3-5 students in each batch is assigned to teachers as wards. The wards are required to report to their tutors on any issue which concerns them in the campus, including academic and administrative matters. The mentor guides mentees to prepare for national level exams like UGC-NET/JRF for which a common platform is created and specific topic-wise discussions are done on a regular basis and conduct discussions and awareness programmers on entrance examinations for higher studies/interviews. Many group based activities, including field visits, are organized for students' exposure. The mentoring system ensures proper guidance to the students to adopt better dynamic learning environment and lead their ways into highly successful careers. In addition, the University organizes an Orientation Programme at the beginning of every academic year. This creates a platform for students parents to familiarize with the new environment.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1075	179	1:6

**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
240	179	61	57	148

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. M V Narayanan	Professor	Post Doctoral Fellowship, Indian Institute of Advanced Study, Shimla
2018	Dr. Sabu M	Professor	Fellow of Indian National Science Academy
2018	Dr. N.A.M. Abdul Kader	Professor	President Award - Certificate of

			Honour and Maharshi Badrayan Vyas Samman
2018	Dr. Shyjan D	Associate Professor	K. N. Raj National Research Fellowship
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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
BA	FHMSOBA	VI Sem 2019	04/04/2019	16/05/2019
BA	FASTHRBTA	VI Sem 2019	25/03/2019	31/05/2019
MA	FLLARBMA	IV Sem 2018	20/07/2018	19/09/2018
MA	FLLRUSMA	IV Sem 2018	25/07/2018	16/10/2018
MA	FHMECOMA	Iv Sem 2018	25/07/2018	29/09/2018
MA	FLLENGMA	IV Sem 2018	25/07/2018	04/08/2018
MA	FHMFECOMA	IV Sem 2018	23/07/2018	29/09/2018
MA	FHMFLSMA	IV Sem 2018	23/07/2018	31/10/2018
MA	FLLHINMAFHT	IV Sem 2018	27/07/2018	15/09/2018
MA	FLLHINMA	IV Sem 2018	27/07/2018	15/09/2018

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	932	0

## 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)

[NIL](#)

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
FHMSOBA	BA	Sociology	33	28	84.85
FASTHRBTA	BA	Theatre Arts	12	7	58.30
FLLARBMA	MA	Arabic	24	24	100

FLENGMA	MA	English	27	27	100
FLLMALMA	MA	Malayalam	30	29	96.67
FLLSKTMA	MA	Sanskrit	15	15	100
FLLHINMA	MA	Hindi	28	27	96.43
FLLHINMAFHT	MA	Functional Hindi & Translation	14	14	100
FLLRUSMA	MA	Comparative Literature	16	15	93.75
FHMECOMA	MA	Economics	23	23	100
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## 2.7 – Student Satisfaction Survey

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

[https://iqac.uoc.ac.in/images/STAKEHOLDER\\_FEEDBACK/SUDENT\\_FEEDBACK/Students\\_Feedback\\_2018-19-3-23.pdf](https://iqac.uoc.ac.in/images/STAKEHOLDER_FEEDBACK/SUDENT_FEEDBACK/Students_Feedback_2018-19-3-23.pdf)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Prof. M V Narayanan	Post Doctoral Fellowship	04/06/2018	Indian Institute of Advanced Studies Shimla
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
NET-JRF	1825	UGC
NET-SRF	1825	UGC
MANF-JRF	1825	UGC
MANF-SRF	1825	UGC
RGNF-SRF	1825	UGC
DBT BCIL SRF	1825	Biotech Consortium India Ltd
CSIR JRF	1825	CSIR
CSIR-SRF	1825	CSIR
CSIR-RESEARCH ASSOCIATE	1825	CSIR
DST INSPIRE SRF	1825	Dept. of Science Technology, GOI
<a href="#">View File</a>		

### 3.2 – Resource Mobilization for Research

#### 3.2.1 – 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	UGC	13.8	1.46
Major Projects	1387	UGC	13.36	2.13
Major Projects	1095	UGC	13.3	1.5
Major Projects	1241	DST-SERB	32.43	10.08
Major Projects	1095	KSCSTE-SARD	35.5	0.44
Major Projects	1095	KSCSTE	25.21	9.61
Major Projects	1095	KSCSTE	14.65	5.75
Major Projects	1095	KSCSTE	22.99	6.69
Major Projects	1095	DBT	42.36	7.87
Major Projects	1095	KSCSTE	30.44	5.47

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### 3.3 – Innovation Ecosystem

#### 3.3.1 – 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
NIL	NIL	Nil

No file uploaded.

#### 3.3.2 – 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
NIL	NIL	NIL	Nil	NIL

No file uploaded.

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

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

No file uploaded.

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
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Arabic	9
Biotechnology	1
Botany	7
Centre for Womens Studies	3
Chemistry	12
Commerce and Management Studies	6
Economics	2
Education	11
English	5
Hindi	5
Journalism and Mass Communication	2
Library and Information Science	3
Life Sciences	3
Mathematics	5
Nanoscience and Technology	2
Physics	4
Political Science	1
Psychology	3
Sanskrit	5
School of Drama and Fine Arts	1
School of Folklore Studies	1
Statistics	1
Zoology	10
Computer Science	2
Malayalam	4
History	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Arabic	3	Nil
International	Biotechnology	5	3
International	Botany	41	2
International	Chemistry	57	2
International	Commerce and Management Studies	9	5
International	Computer Science	7	3
International	Economics	6	3
International	Education	4	Nil
International	Library and Information Science	3	Nil
International	Mathematics	8	Nil

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

Department	Number of Publication
Zoology	19
Womens Studies	3
Statistics	11
Physics	3
Nanoscience and Technology	1
Library and Information Science	13
English	1
Computer Science	6
Commerce	8
Biotechnology	12

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	0	Nil

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3.4.5 – 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
Influence of copper sulphide nanoparticles on the structural, mechanical and dielectric properties of poly(vinyl alcohol)/poly(vinyl pyrrolidone) blend nanocomposites	M T Ramesan	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	14	University of Calicut	14
Chitosan /nano ZnO composite	Muraleedharan K	ARABIAN JOURNAL OF CHEMISTRY	2018	19	University of Calicut	19

films: Enhanced mechanical, antimicrobial and dielectric properties						
Ti3 Induced Brown TiO2 Nanotubes for High Performance Sodium-Ion Hybrid Capacitors	Pradeepan Periyat	ACS SUSTAINABLE CHEMISTRY ENGINEERING	2018	20	University of Calicut	20
Synthesis, characterization, thermal properties, conductivity and sensor application study of polyaniline /cerium-doped titanium dioxide nanocomposites	M T Ramesan	JOURNAL OF MATERIALS SCIENCE	2018	22	University of Calicut	22
Black TiO2 Nanomaterials: A Review of Recent Advances	Pradeepan Periyat	CHEMICAL ENGINEERING JOURNAL	2018	42	University of Calicut	42
A click derived triazole-coumarin derivative as fluorescence on-off PET based sensor for Ca <sup>2+</sup> and Fe <sup>3+</sup> ions	Bahuleyan D	SENSORS AND ACTUATORS B-CHEMICAL	2018	13	University of Calicut	13
Synthesis, characterization, co	M T Ramesan	COMPOSITE INTERFACES	2018	13	University of Calicut	13

nductivity and sensor application study of polypyrrole/silver doped nickel oxide nanocomposites						
In situ synthesis of polyaniline/Sm-doped TiO <sub>2</sub> nanocomposites: evaluation of structural, morphological, conductivity studies and gas sensing applications	M T Ramesan	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	12	University of Calicut	12
One-pot synthesis of g-C <sub>3</sub> N <sub>4</sub> /MnO <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> /SnO <sub>2</sub> hybrid nanocomposites for supercapacitor applications	Pradeepan Periyat	SUSTAINABLE ENERGY FUELS	2018	11	University of Calicut	11
Effective photocatalytic removal of different dye stuffs using green synthesized zinc oxide nanogranules	Abraham Joseph	MATERIALS RESEARCH BULLETIN	2018	9	University of Calicut	9
<a href="#">View File</a>						

3.4.6 – 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	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Multifunctional ternary composites of poly (vinyl alcohol)/cashew tree gum/pumice particles	M T Ramesan	POLYMER COMPOSITES	2018	11	11	University of Calicut
One-pot synthesis of g-C <sub>3</sub> N <sub>4</sub> /MnO <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> /SnO <sub>2</sub> hybrid nanocomposites for supercapacitor applications	Pradeepan Periyat	SUSTAINABLE ENERGY FUELS	2018	11	11	University of Calicut
In situ synthesis of polyaniline/Sm-doped TiO <sub>2</sub> nanocomposites: evaluation of structural, morphological, conductivity studies and gas sensing applications	M T Ramesan	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	11	12	University of Calicut
Synthesis, characterization, conductivity and sensor application study of polypyrrole/silver doped nickel oxide nanocomposites	M T Ramesan	COMPOSITE INTERFACES	2018	11	13	University of Calicut
A click derived tr	Bahuleyan	SENSORS AND	2018	11	13	University

iazole-coumarin derivative as fluorescence on-off PET based sensor for Ca <sup>2+</sup> and Fe <sup>3+</sup> ions	D	ACTUATORS B-CHEMICAL				of Calicut
Influence of copper sulphide nanoparticles on the structural, mechanical and dielectric properties of poly(vinyl alcohol)/poly(vinyl pyrrolidone) blend nanocomposites	M T Ramesan	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRO NICS	2018	11	14	University of Calicut
Chitosan/nano ZnO composite films: Enhanced mechanical, antimicrobial and dielectric properties	K Murale edharan	ARABIAN JOURNAL OF CHEMISTRY	2018	11	19	University of Calicut
Ti <sub>3</sub> Induced Brown TiO <sub>2</sub> Nanotubes for High Performance Sodium-Ion Hybrid Capacitors	Pradeepan Periyat	ACS SUST AINABLE CHEMISTRY ENGINEERING	2018	11	20	University of Calicut
Synthesis, characterization, thermal properties, conductivity	M T Ramesan	JOURNAL OF MATERIALS SCIENCE	2018	11	22	University of Calicut

ty and sensor application study of polyaniline /cerium-doped titanium dioxide nanocomposites						
Black TiO <sub>2</sub> Nanomaterials: A Review of Recent Advances	Pradeepan Periyat	CHEMICAL ENGINEERING JOURNAL	2018	11	42	University of Calicut
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	50	86	30	17
Presented papers	50	88	13	8
Resource persons	22	43	21	22
<a href="#">View File</a>				

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NIL	NIL	NIL	0
No file uploaded.			

#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0
No file uploaded.				

### 3.6 – Extension Activities

#### 3.6.1 – 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
Household Self Sufficiency and	NSS	5	49

Waste Management			
Water conservation and Management	NSS	10	121
Environmental Enrichment Programmes	NSS	2	15
Campus Bio Diversity Parks	NSS	4	15
Abhayam - Suvarna jubilee Bhavana Padhathi	NSS	8	92
Anti Drug - Anti Alcohol- Anti Tobacco Campaign	NSS	30	126
Pulse Polio Immunization	NSS	3	20
Planting of Saplings	NSS	35	70
Blood Donation Camp	NSS	35	650
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3.6.2 – 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	Nil
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3.6.3 – 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
Back To Agriculture	NSS	igniting sense of meaningful awareness among youth towards the good practices of agriculture	10	300
Swachh Bharath	NSS	Cleaning Campaign	10	250
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration

Multi Institutional Collaborative Research	Dr. E. Pushpalatha, Associate Professor, Dept. of Zoology	DBT-MRP	1095
Faculty Exchange Programme	Prof. Gilberto Jose De Moraez	Kerala State Higher Education Council	11
Internship	Annie Antony Pinto and Revathy M	Kerala State Planning Board	90
Inter Cultural Theatre Project	Sreejith R, Assistant Professor, School of Drama and Fine Arts	Hiroshi Koike Bridge Project	54
Research	Dr. Smitha V B, Assistant professor, Department of Biotechnology	Kerala State Council for Science, Technology and Environment	1095

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3.7.2 – 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
Research Collaboration	Transplantation Immunology	Malabar Institute of Medical Sciences, Mini Bypass Road, Govindapuram P.O. Calicut - 673 016, Contact No. 91 495 3911400 E.Mail : mimsclt@mimsindia.com	Nil	Nil	Dr. K.K. Elyas, Professor, Dept. of Biotechnology
MoU	Internship	Malabar Cancer Centre, Thalassery	01/10/2018	01/10/2019	Fathima Kukku, Athira K, Athulaya K
Collaboration	Internship	Bhagawan Mahavir Cancer Hospital,	03/09/2018	30/09/2019	Ashna Jenny

		Jaipur			
Collaboration	Internship	MVR Cancer Institute, Calicut	03/09/2018	30/09/2019	Rifa KT, Salma NS
Collaboration	Internship	Kerala Institute of Medical Sciences, Thriuvananthapuram	03/09/2018	30/09/2019	Alka Merin Sunny, Jasna
Collaboration	Internship	Aster 4 Medicity, Ernakulam	03/09/2018	30/09/2019	Afiya Thabassum
Collaboration	Internship	Carithas Cancer Hospital, Kottayam	03/09/2018	30/09/2019	Aswathy Ramakrishnan
Collaboration	Internship	Jawaharlal Nehru Cancer Hospital, Bhopal	03/09/2018	30/09/2019	Sonu Baby
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3.7.3 – 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
Sao Polo University, Brazil	21/02/2019	Research and Student Exchange Programme	2
Kerala Veterinary and Animal Sciences University, Wayanad, Kerala	21/08/2019	International Avian Research Centre Avian Research and Other allied short term programmes	1
Social Justice Department, Kerala State	01/07/2019	Community Disability Management and Rehabilitation Programme	3
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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
3882.01	3814.2

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
------------	-------------------------

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

#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA (Open Source)	Fully	18.05.14.000	1998

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	98853	Nil	4247	4878193	103100	4878193
e-Books	94423	Nil	Nil	323033	94423	323033
Journals	167	2375261	2	3180	169	2378441
e-Journals	6497	Nil	Nil	Nil	6497	Nil
Digital Database	17	Nil	Nil	Nil	17	Nil
CD & Video	330	Nil	48	Nil	378	Nil
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##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Lajish V L	Art of C Programming	SWAYAM	16/07/2018
Dr. A Hameed	Psychology Of Development and Learning	SWAYAM	09/07/2018
Dr. Jose T Puthur	Genetics And Genomics	SWAYAM	16/07/2018
Dr. M V Narayanan	An Introduction To Aesthetics	SWAYAM	16/07/2018

Dr. Bijumon Ramalayathil	Algebra And Trigonometry	SWAYAM	01/07/2018
Dr. Mridula K	Art And Science Of Teaching English Language	SWAYAM	15/07/2018
Dr. Minirani S	Discrete Mathematics	SWAYAM	16/07/2018
Dr. M Ramakrishnan	Vision To Mission : Indian Philosophy From Classical To Contemporary Times	SWAYAM	09/07/2018
Dr. P.K. Sasidharan	Modern And Contemporary Western Philosophy	SWAYAM	16/07/2018
Dr. V. P. Joshith	Curriculum And Pedagogy Of Teaching Physical Science	SWAYAM	15/07/2018
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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 (MBPS/GBPS)	Others
Existing	1599	76	1524	12	11	1343	35	100	0
Added	482	329	482	0	0	0	0	0	70
Total	2081	405	2006	12	11	1343	35	100	70

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

100 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
Smart interactive panel and pen tablet	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
Professional apple edit suits with final cut editing software	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
High end graphic and animation suits with adobe creative clud graphic software	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
Professional multi camera studio floor	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
Professional HD studio cameras	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
NAS storage for archiving	<a href="https://emmrccalicut.org">https://emmrccalicut.org</a>
Professional multi camera studio floor	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</a>



Professional HD studio cameras	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</a>
Smart interactive panel and pen tablet	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</a>
Professional apple edit suits with final cut editing software	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</a>
High end graphic and animation suits with adobe creative clud graphic software	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</a>
NAS storage for archiving	<a href="https://www.swayam.gov.in">https://www.swayam.gov.in</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
1612.38	1607.82	2303.63	2206.38

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

The Engineering division provides 24x7 service and takes care of the maintenance needs of the buildings in the University campus including those of the several hostel for boys and girls, Teachers hostel, Teachers Flats, Staff Quarters, Academic Blocks, Library Blocks, Administrative and examinations blocks etc. Ensuring power and water supply in the campus and all its building is also vested with the Engineering division. The University Science Instrumentation Centre (USIC) repairs and maintains all vehicles in the University. A service station is established in the Centre in which water service, Oil service and minor repairs are being done. The USIC has four sections - Computer, Electronics, Mechanical and Automobile - which caters to the servicing and maintenance of all types of Instruments and equipments being used in various departments and offices. The USIC maintains the following assets of the University: 1) E-Governance infrastructure in the campus 2) Bio-metric punching system 3) Maintenance of CCTVs, Wi-Fi Systems, Digital Broadcasting system in the campus, Optical fibre cabling and LAN network in the campus, National Knowledge Networking, Centrex Telephone system in the University, Maintenance of Smart Classrooms, Public Addressing system. Calicut University Computer Centre (CUCC), the Central Hub for all ICT related services for the University serves the Software module for single window admission process, Payroll and Finance management system, e-payment gateway, Campus Wi-Fi, Digital Document Filing System, Network facilities, Data Centre facilities. Calicut University Botanical Garden (CUBG), has developed into an excellent centre of biodiversity and ex situ conservation of tropical Indian flora and exotic species. The conservation maintenance of CUBG is entrusted with Botany Department and one faculty member will be the CUBG administrator. Central Sophisticated Instrumentation Facility (CSIF) of University of Calicut houses large number of sophisticated instruments used for materials characterization, different physical and chemical analysis, precision chemical analysis and computational analysis. The centre is running under University of Calicut by experienced faculties and trained technical experts. Apart from the researchers and faculties of university, the facilities are also extended to students, researchers and faculties of other academic, research and industrial institutes. Calicut University Park is spread over 8 acres of land in the heart of the University campus. The Park is maintained by the Campus Landscaping

unit, which is usually headed by a faculty member of the Botany Department. The University has an aquatic complex of international standards. It houses two swimming pools of sizes 50 metres and 25 metres constructed at a cost of Rs.5 crores. The University stadium houses two tracks for various track and field games of which one is synthetic track which are maintained by the Department of Physical Education. Weblink:

[https://iqac.uoc.ac.in/images/Reports/Policies/Infrastructure\\_Policy.pdf](https://iqac.uoc.ac.in/images/Reports/Policies/Infrastructure_Policy.pdf)

[https://iqac.uoc.ac.in/images/Reports/Policies/Infrastructure\\_Policy.pdf](https://iqac.uoc.ac.in/images/Reports/Policies/Infrastructure_Policy.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	University Research Scholarship and University Merit Scholarship	449	22590601
Financial Support from Other Sources			
a) National	Moulana Azad National Fellowship for Minority Students	18	1104956
b) International	NIL	Nil	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 implementation	Number of students enrolled	Agencies involved
Mentoring	12/06/2018	1129	Departments Concerned
Counselling	10/10/2018	48	Department level Mentors
Remedial Coaching	10/10/2018	170	Faculties Concerned
Yoga	04/01/2019	150	Department of Physical Education
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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
2018	Career Talks/Seminars/	Nil	2203	Nil	Nil

	Exhibition in Schools and Colleges (20 Nos)				
2018	Meet the Civil Service Toppers and Civil Service Orientation Programme	839	Nill	Nill	Nill
2019	Two Day Career Workshop for ST Students, Agali	Nill	73	Nill	Nill
2018	HSS Coaching 2018	15	Nill	10	1
2019	CSIR NET/JRF	2	Nill	2	2
2018	CSIR NET/JRF	6	Nill	6	5
2019	NET Coaching	42	30	16	Nill
2018	UGCNET/JRF Examination Coaching(Pap erI)Ist Phase	242	Nill	30	Nill
2018	UGC- NET/JRF Examination Coaching(Pap er-II) in 2 Teaching Departments.	190	Nill	11	Nill
2018	UGC- NET/JRF Examination Coaching(Pap er-I)- IInd Phase	403	Nill	54	Nill
2018	KPSC Graduate Level Competitive Examinations Coaching	130	Nill	Nill	Nill
2018	One Day Career Seminar for	Nill	200	Nill	Nill

the SSLC/+2  
Winners

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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
Nil	Nil	Nil

## 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
NIL	Nil	Nil	NIL	Nil	Nil
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	8	M.Phil	Education	University of Calicut	Ph. D
2019	5	M.Ed	Education	University of Calicut	Ph. D
2018	1	M.A	Sociology	Sree Sankaracharya University of Sanskrit	M. Phil
2018	3	M.A	Sociology	University of Kerala	M. Phil
2019	2	M.A	Women's Studies	University of Calicut	M. Phil
2018	6	M.A	Women's Studies	Bharathidasan University	M. Phil
2018	1	M.A	Women's Studies	Gandhigram Rural Institute, Dindigul, Tamilnadu	M. Phil
2018	1	M.A	Women's Studies	University of Calicut	M. Phil
2019	1	M.Tech	Nanoscience and Technology	Korea University	Ph. D

2018	1	M.Tech	Nanoscience and Technology	University of Vermont	Ph. D
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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	118
SET	6
SLET	2
GATE	5
Civil Services	1
Any Other	7
Any Other	4
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
34th Inter University National Youth Festival - 2018-19	National	17
34th Youth Festival - 2018-19	South Zone	38
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Silver Medal in World University level Powe rlifting 66kg Mens category	Internat ional	1	Nil	77307	Bibin Joy
2018	Silver Medal in World University level Powe rlifting 84kg Womens category	Internat ional	1	Nil	2172	Lephina D'Souza

2018	Bronze Medal in World University level Powerlifting 84kg Womens category	International	1	Nil	17301	Abhirami M V
2018	First in 400mts Women's relay at All India Inter University Athletic Championship	National	1	Nil	283	Sruthi Raj
2019	III Position in All India "On the Spot Essay Writing Competition 2019 for PG Students of Statistics" conducted by the Ministry of Statistics & Programme Implementation on 24.2.2019	National	Nil	1	02/2018	Anusree George

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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)

i. Two students, Sri. Jibin Jose, Dept. Of Physics and Ms. Jayasree M R, Dept. Of Journalism Mass Communication, are members of the Election Grievance Reressal Cell (EGRC). ii. Sri. Shabir. S Chairman University Union (SN College, Alathur), Sri. Athul Krishna P, Chairman, Dept. Of Students Union, Smt. Raseela, UUC, MES College Mambad are the members of Board for Adjudication of Students Grievances.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The University has a registered Alumni Association in addition to Departmental Alumni Associations, with elected Office bearers. The departmental Alumni Association hosts frequent reunions for the alumni. The meets are gaining recognition from the alumni and the nos. are increasing steadily. In addition to the annual meets, the departments also has several alumni visitors throughout the year. The alumni are encouraged to contribute positively in the form of Lectures, Mentorship programs, reach outs, placements etc. They have also instituted endowments for the students of University departments.

5.4.2 – No. of registered Alumni:

1827

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

62700

5.4.4 – Meetings/activities organized by Alumni Association :

Executive Meetings are held once in two years and General Body Meeting will be held annually.

## **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 Chancellor, the Pro-Chancellor, the Vice Chancellor, the Pro Vice Chancellor, and the members of the Senate, the Syndicate, Academic Council and Board of Studies constitute a body of the University who regularly interact to frame suitable leadership policies to lead the University as a team for its academic growth. The Vice Chancellor is the chairman of the Senate, Syndicate, Academic Council, and IQAC. The Vice Chancellor is also the chairman of all selection committees constituted in the University. The University has a clear management system in place to chart the road map of development and perspective planning to be innovative. The University's management structure ensures continuous improvement by:

- involving in coordination and interaction with students, faculty and other staff with the objective to ensure smooth functioning and bestowing excellence within the system.
- involving in motivating and encouraging the faculty to give the best and to build a team spirit among the faculty members in all the departments.
- interacting with the stakeholders to keep the system vibrant.
- consulting with the faculty members through various statutory bodies to give right direction in setting the pace for the future Stakeholders' representatives of the University are members of various statutory bodies and various committees. Such committee meetings are held regularly and views of all stakeholders given due space. Students interact directly with the faculty and the Heads of Departments. All faculty members have direct access to their Heads, Deans, Registrar and Vice Chancellor. All office staff have direct access to their Section Officers who in turn interact with the Assistant Registrars, Deputy Registrars and the Registrar. All other stakeholders like parents and members of the public have direct access with the teaching departments and administrative sections. The various departments of the University is having PG, M.Phil. and Research students. The HoDs of the Departments is arranging meetings frequently to interact with the students on common issues and events and activities in the department. As per the Act and Statute of the University there is a provision for student representation in the DC. Head of the Department discusses the issues/ grievances raised by the students in the next DC if the grievances/ issues not solved then and there. In addition to that the Heads of Departments are regularly meet the students to discuss their problems and convene meeting when there is a specific issue.

Another opportunity to discuss the problems of the students is the students forums. Many departments have forums of the students to conduct various programmes and discuss problems and there is a teacher as advisor to discuss various problems. At the University level, there are adequate seats are reserved for students in various academic and administrative bodies of the University such as Syndicate, Senate, Academic Council etc. One seat in the syndicate of the University, ten seats in the senate is reserved for the student community.

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
<p style="text-align: center;"><b>Admission of Students</b></p>	<p>Calicut University admission process deals with time bound issuance of admission notifications and well planned admission schedule. Entrance examination based admission to University teaching departments and Index marks based allotment process for admission to Affiliated colleges ensure that the eligible students are admitted to courses and colleges of their choice thereby bringing transparency to the admission process. User friendly online registration and online fee payment modules add to the quality of registration and data collection from students prior to the allotments. Students can select up to a maximum of 20 options while applying for UG courses and upto a maximum of 10 options while applying for PG courses, which makes it convenient for the students to select colleges of their choice in the Jurisdiction of the University in Five districts. Admission to B.Ed courses were brought under the allotment process from 2019-20 academic year onwards replacing the mode of admission from rank lists done during the previous years. Nodal centres are made available at every affiliated college for student support during the entire period of the process from online application to admission, which helps students to go to their nearby colleges and seek help and support during the online registrations and admissions. The strategy adopted for successful completion of admission in tune with the schedule during the academic year 2019-20 helped to achieve the goal to commence the PG classes in the month of June (before the</p>



	<p>commencement of UG classes) for the first time.</p>
<p>Research and Development</p>	<p>As far as Research activities are concerned, the University of Calicut has set up a Directorate of Research to co-ordinate and promote the Research activities. There has been a tremendous increase in the number of Research centres and Research supervisors from the year 2017. Faculties in nearby centres have been given permission to act as Research supervisors. As a result, the number of Research supervisors recognised during 2019 has increased to 158 compared to that of in past years. Total number of Research Centres allotted during 2019 is 17.</p>
<p>Curriculum Development</p>	<p>As per the guidelines of the State Higher Education department, the UG/PG regulations have been revised for the improvement of the UG/PG curriculum and on the basis of this syllabus of the various programmes also revised. For the revision of the regulations and syllabus of the various programmes workshops and various meetings have been conducted at the University. During the Academic year of 2018-19 various programmes like BVoc / MVoc programmes focused on employability/entrepreneurship/skill development have been introduced.</p>
<p>Examination and Evaluation</p>	<p>The examination wing of the University is envisioned to draft and schedule examination and evaluation programme in such a way to achieve the broad aims and objectives framed by the Academic Bodies. In order to realise the aims, the following strategies are adopted by Pareeksha Bhavan: 1) The Academic cum Examination Calendar is published in advance at the beginning of every academic year in tandem with the educational goals set by the University by considering all scholastic and non- scholastic activities. Publication of the academic calendar prior to the starting of the program safeguards the right of the student pertaining to the commencement / end of semester, commencement / end of examination and publication of results. This enables the teacher and the learner to plan the entire academic program to materialize the objectives embedded in the syllabus scientifically. 2) Initiatives are</p>

operated to revise the periodic revision of list of QP setters by including the newer erudite faculties so as to reflect the emerging developments in the broad spectrum of knowledge under study into the examination and evaluation process. 3)

It is envisioned to launch online transmission of question papers in the upcoming II semester PG examination of the University Departments as a pilot program and also visualized to extend this facility to the examinations of all PG programmes in the affiliated colleges by ensuring and maintaining confidentiality. It will obliterate the time lag between conduct and publication of results.

Conceptualization of the Online Transmission process has already been completed. 4) University proposed to execute an MOU with the postal department for the timely collection of valued answer scripts from exam centers and delivery of the same to the Monitoring section. This will prevent the possibility of recurrent occurrences of SMP after the completion of exams. 5) Administrative sanction is obtained for the installation of an Automated Storage and Retrieval System (ASRS) for the scientific storage and retrieval of the used Answer scripts, tabulation registers and other ancillary documents for the mandatory period. The ASRS system will not only ensure speedy reevaluation and publication of results but also curb the situation of missing of used answer scripts due to lack of safe and sufficient storage facility in the University.

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

E-governance area	Details
Administration	<p>i. Digital Document Filing System The implementation of Digital Document Filing System (DDFS), an electronic system to support automated work flow, has resulted in efficient file management including processing, filing and tracking. DDFS facilitates inward letter digitalization and management notes, chits or remarks for collaboration file reference and bookmarking draft creation for standard templates workflow based approval for drafts dispatch as letter, e-mail,</p>

message or post internal message, notifications and reminders advanced search, and MIS report. It is eco-friendly creating a green and paper free campus, and the users can have access to it at anywhere and at anytime. In terms of operational efficiency it is 300 faster and four times faster in decision making. It ensures the creation of a digital community and increased productivity. DDFS enables security as the files are made secure and confidential. SSL enabled transmission over the wire, digital certificate, digital signature and data encryption ensure that there are no eavesdropping of information. There is complete and detailed audit of everyday activity. Other security measures include two factor authentications with authentication tokens, last login time- stamp and complete access logs and strict password management policy. ii. New responsive University website in uoc domain The previous official website of the university ([www.universityofcalicut.info](http://www.universityofcalicut.info)) has been replaced with an elegant responsive version with more organized data and content (<https://uoc.ac.in/>) iii. Unified Web Portal for all teaching Departments, Pareeksha Bhavan, School of Distance Education etc. The portal has separate pages for departments/branches/facilities of the University. Content of the web portal can be modified easily by logging in by the respective departments. This has reduced the time and overhead of the respective departments. Manual forwarding of hard copies of various notifications has completely vanished. Department authority can upload/ update the content remotely through these portals at any time. So up-to-date data is reflected in the website instantly.

Finance and Accounts

I. Implementation of Double Entry System at Finance : Collaborating with NIC, Software installation completed in a temporary server and customization and testing needs to be done. ii. New e-Payment System A new instant web payment system implemented for easy creation and payment of University challan. The new system support both prepayment and post payment for all

online applications. The new system allows students to pay fee after application with post payment feature. The new prepayment system provides easy selection of their purpose of payment with autocomplete feature and other fields in payment form. It reduces mistakes that can happen while filling the form. The SBI payment gateway provides students to pay their fee with credit/debit cards and internet payment.

Student Admission and Support

Single window Admission system called Centralized Admission Process, was implemented for UG ,PG ,B.Ed, M.Ed and Afzal ul ulama preliminary courses admission programmes during the year based on Open Source Software developed in-house. Total 64,678 students were admitted under UG course and 7938 for PG programmes in the affiliated colleges and University departments. The introduction of Single Window system helped the students to avoid approaching different colleges to get admission and ensure transparency in the admission process.

Examination

i. Online processing and issuing of Original Degree Certificates with the digital signature of the Vice Chancellor. A new software catering the entire life cycle of Generating and issuing Original Degree Certificates digitally signed by the Honorable Vice-chancellor has been recently added to the existing IT services. This enables the Students to apply for the Degree certificate online by uploading all the necessary documents. Online Certificate Online Certificate Portal is an application developed for the effective disbursement of different certificates issued by the University of Calicut. This portal enables candidates to apply for certificates with less effort and obtain certificates within no time and without any queue. It will be very useful for candidates who seeks admission in other Universities. The certificates issued through the portal will be in such a way that it can be verified by any agency for its authenticity. ii. Online Certificate Online Certificate Portal is an application developed for the effective disbursement of different certificates issued by the University of Calicut.

This portal enables candidates to apply for certificates with less effort and obtain certificates within no time and without any queue. It will be very useful for candidates who seeks admission in other Universities. The certificates issued through the portal will be in such a way that it can be verified by any agency for its authenticity. iii. A software system for Managing Syllabus, Curricula, Exam timetable and notifications The software enables entry of syllabus, curricula, exam timetable and notifications which were uploaded in pdf format earlier. This enables searching. The data entered can be downloaded in pdf format. In addition to this all the process related to Examination such as registration, issual of hall tickets, publishing of results, revaluation etc. are already being made available through online.

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NIL	NIL	NIL	Nil
2019	NIL	NIL	NIL	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the University 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	Training Programme for the Assistants joined on 07.04.2018 and therea fter.	13/09/2018	14/09/2018	Nil	55
2018	NA	Managing Change for Organisati	02/11/2018	02/11/2018	Nil	54

		onal Excellence" Staff Training Programme for Joint Registrars ,Deputy Registrars and Assistant Registrars by the Dattopant Thengadi National Board for Workers Education Development, Regional Directorate , Kozhikode				
2018	NA	Training Programme for the Section Of ficers(Hr. Gr.),Secti on Officer s,Section Officers(F C D) and Office Sup erintenden ts	15/11/2018	15/11/2018	Nil	251
2019	NA	Training for the Security S taff/Drive rs	26/01/2019	26/01/2019	Nil	96
2019	NA	Right to Informatio n Act - Training Programme for Assistants and Assistant Section Officers	29/01/2019	29/01/2019	Nil	675
2019	NA	Staff Training	21/02/2019	08/03/2019	Nil	214

		Programme for Section Of ficer(Hr.G r.) and Section Officers by the Dattopant Thengadi National Board for Workers Education Development, Regional Directorate, Kozhikode				
2019	STC on Soft Skills Development	NA	19/03/2019	25/03/2019	38	Nil
2019	Short Run Course on Professional Development	NA	22/03/2019	28/03/2019	35	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
01st Refresher Course in Media Studies (ID)	38	02/03/2019	22/03/2019	21
01st Refresher Course in Gandhian Studies.	37	15/02/2019	07/03/2019	21
03rd Refresher Course in Malayalam Kerala Studies	35	09/01/2019	29/01/2019	21
03rd Refresher Course in Nano Science.	34	29/11/2018	19/12/2018	21

05th Refresher Course in Gender Studies (ID)	38	26/09/2018	16/10/2018	21
22nd Refresher Course in English Language Literature.	41	08/03/2019	28/03/2019	21
02nd Refresher Course in Arabic Language Literature.	40	11/12/2018	31/12/2018	21
10th Refresher Course in Library Information Science.	41	23/11/2018	13/12/2018	21
10th Refresher Course in Computer Applications.	32	14/11/2018	04/12/2018	21
11th Refresher Course in Hindi	40	30/10/2018	19/11/2018	21
17th Refresher Course in Life Sciences.	35	24/10/2018	13/11/2018	21
02nd Refresher Course in History Cultural Studies	38	05/09/2018	25/09/2018	21
10th Refresher Course in Mathematics Statistics	47	19/07/2018	08/08/2018	21
20th Refresher Course in Commerce Management	37	18/07/2018	07/08/2018	21
Orientation Programme (No. 105)	39	16/01/2019	12/02/2019	28



Orientation Programme (No. 104)	36	01/11/2018	28/11/2018	28
Orientation Programme (No. 103)	34	12/09/2018	09/10/2018	28
Orientation Programme (No. 102)	35	19/06/2018	16/07/2018	23
Short Run Course on Evaluations in Higher Education	24	23/02/2019	01/03/2019	7
Induction/Orientation Programme	27	17/01/2019	15/02/2019	30
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	90	81	133

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Family Quarters</li> <li>• Teacher's Hostel</li> <li>• Medical Reimbursement</li> <li>• Group Insurance</li> <li>• Personal Accident Insurance</li> <li>• Staff Welfare Fund</li> <li>• House Building Advance</li> <li>• Free treatment at University Health Centre</li> <li>• Health Club</li> <li>• Canteen</li> <li>• Transportation Facility</li> <li>• Cooperative Societies, Wi Fi Connectivity</li> </ul>	<ul style="list-style-type: none"> <li>• Family Quarters</li> <li>• Men's Hostel</li> <li>• Medical Reimbursement</li> <li>• Group Insurance</li> <li>• Personal Accident Insurance</li> <li>• Staff Welfare Fund</li> <li>• House Building Advance</li> <li>• Free treatment at University Health Centre</li> <li>• Health Club</li> <li>• Canteen</li> <li>• Transportation Facility</li> <li>• Cooperative Societies, Wi Fi Connectivity</li> </ul>	<ul style="list-style-type: none"> <li>• Canteen, Reading room</li> <li>• Grievance redressal cell</li> <li>• Employment Information Career Guidance Bureau</li> <li>• Various scholarship to economically and communally backward students</li> <li>• Free medical facility at University Health Centre</li> <li>• Canteen facility</li> <li>• Hostel Facility, Wi Fi Connectivity</li> </ul>

**6.4 – Financial Management and Resource Mobilization**

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

The Statutory Auditors of the University is the Kerala State Audit department. The Audit by the Kerala State Audit department is continuous in nature. The scope of the audit is not limited to financial transactions alone but also includes performance. The audit in this regard is completed up to the Financial Year 217-18. Audit in respect of 2018-19 financial year is in progress. In addition to the Statutory Audit University is also subject to audit by the C AG. The audit in this regard is completed up to the F Y 2017-18 and audit in respect of F Y 2018-19 is in progress. An internal Audit system is also existing in the University. The internal audit team regularly visit various departments and offices of the University, conduct financial and performance

audit and submit reports to the University. Proper follow up measures are taken for rectifying various objections/deficiencies pointed out by these audits and progress in this regard is monitored on a regular basis by competent authorities.

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
Various Colleges and Institutions	1998000	Various Donations Sponsorship
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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	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

There are seven Autonomous Colleges under the jurisdiction of the University of Calicut which are St.Josephs College(Kozhikode), St.Thomas College(Thrissur), St.Josephs College(Irinjalakuda, Thrissur), Vimala College(Thrissur), M.E.S Mampad College(Malappuram), Christ College(Irinjalakuda, Thrissur) and Farook College(Kozhikode). The University has constituted a high level Monitoring Committee chaired by the Vice Chancellor to study the implications of granting Academic Autonomy to colleges affiliated to this University including Amendment to Statutes and Regulations. The issues related to Autonomous Colleges are discussed in the meeting of the Monitoring Committee, which is convened whenever necessary. Since certain provisions in the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Affiliated Colleges) Regulations 2018 are contrary to the University Act/Statute/Regulations, the same has not yet been implemented in the State and therefore in the University. The Govt. had requested the University to forward the draft bylaws with regard to Autonomous Colleges in tune with The University Laws Third Amendment Act 2014.The draft bylaws prepared by the University, approved by the Syndicate, have been forwarded to the Higher Education Dept on 05/11/2019. Further direction from the Govt. is awaited.

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

Department wise Parent Teacher Associations are constituted in the University. PTA meetings are held during the induction of a new batch and also annually. Report to the parents on the progress of their wards are done regularly. Parents are also encouraged to mark their feedback on the facilities in the campus and also on the academics.

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

Training programme for the Security Personnel and Drivers of the University was conducted on 26.01.2019 at EMS Seminar Complex. The training was given on

topics "Handling Security System in the Campus, Interpersonal Skills, Road Safety Rules". 1.Sri. N Subhash Babu, Superintendent of Police (Retd.), 2. Sri. Mohammed Ali O, Public Relations Officer and 3. Sri. Anumod Kumar, Motor Vehicles Inspector, took the classes. Ninety Six persons participated in the programme. The training was conducted from 9.30am to 01.45pm.

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

A new innovative regular PG program, M. Sc Forensic Science has been introduced with the collaboration of Kerala Police Academy. Admission process to University teaching departments and affiliated colleges switched over to online system. Online students feedback system for teachers evaluation. Regular training programs for administration staff in various aspects of University management.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – 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	Implementation of Green Protocol in the Campus	22/06/2018	22/06/2018	22/06/2018	25
2018	Embracing Technology in Higher Education - The Challenges and Opportunities for Colleges	24/11/2018	24/11/2018	24/11/2018	120
2019	Short Run Course on Curriculum Designing for Faculty in Education	05/01/2019	05/01/2019	11/01/2019	18
2019	Short Run Course on Evaluations in Higher Education	23/02/2019	23/02/2019	01/03/2019	24
2019	Revised Accreditation Framework of NAAC and Quality Systems in	05/03/2019	05/03/2019	06/03/2019	230

	Higher Education				
2019	Short Term Course on Soft Skill Development for Teachers	19/03/2019	19/03/2019	25/03/2019	38
2019	Short Run Course on Professional Development	22/03/2019	22/03/2019	28/03/2019	35
2019	Idea Pitching competition for Students in collaboration with Kerala Startup Mission and Calicut Management Association	27/04/2019	27/04/2019	27/04/2019	70
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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
Gender Justice: Challenges to Constitutionalism	28/11/2018	28/11/2018	34	17
Gender and SRH Rights	05/12/2018	07/12/2018	91	8
Intersectional Approaches to addressing Gender, Religion, Culture: South India Focus	30/01/2019	31/01/2019	172	15
Keralathinte Linganeethi Rashtreeyam Enthakanam?	07/03/2019	07/03/2019	83	9
Know Your Rights	25/07/2019	25/07/2019	91	19

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

Percentage of power requirement of the University met by the renewable energy sources

Solar power plants have been installed atop several important buildings in the University to tap the solar energy. The building include administration Block, Pareeksha Bhavan Digital Wing, Mens Hostel, CHMK Library and several Hostel buildings in Ladies Hostel Complex. The first endeavour in this regard was installed at a cost of Rs.1,02,00,000/- (Rupees One Crore and Two Lakhs Only) in the year 2013-14. The financial support was extended by the Kerala Government through the State Plan Grant for that year. This project consists of Erection, Installation, Testing and Commissioning of 6 Numbers 25KW Solar Photovoltaic modules, 6 Numbers 20 KVA Solar Inverters and 6 Numbers metering units. Another 1 x 25KW Solar Power Plant and 500 LPD (Litres per Day) Solar Water Heater have been installed on the Roof of the VVIP Guest House. The current installed Capacity of Solar Power Plants in the Campus is 250 KW. One KW of Solar Power Plant is producing on an average 4 units of Electricity per day. 250 KW is producing 250x 4 1000 Units per day. Yearly production is 3,65,000 Units. At present energy tapped from renewable sources is providing 10 of Universitys power requirements.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	7
Ramp/Rails	Yes	7
Braille Software/facilities	Yes	2
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2019	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
NIL	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environment Day	05/06/2018	05/06/2018	529
International Yoga Day	21/06/2018	21/06/2018	1528

International Day Against Drug Abuse and Illicit Trafficking	26/06/2018	26/06/2018	1011
World Alzheimers Day	21/09/2018	21/09/2018	431
World Heart Day	29/09/2018	29/09/2018	580
Gandhi Jayanti	02/10/2018	02/10/2018	734
UN Flag Day	24/10/2018	24/10/2018	70
Rededication Day	31/10/2018	31/10/2018	239
Education Day	11/11/2018	11/11/2018	555
Constitution Day	26/11/2018	26/11/2018	212

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

1. Plastic free campus implementing green protocol 2. Rain water harvesting 3. Vermi composting 4. Tapping of Solar energy 5. Planting of fruit trees throughout the campus

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Community Disability Management and Rehabilitation Programme (CDMRP) by Department of Psychology, with an objective to provide comprehensive disability management services to children with disabilities, in cooperation with communities concerned by establishing community-based disability management clinics in rural villages and also to provide advanced training and conduct research in all areas of disability management. 2. SCHEME LADDER of Department of Physical Education with the objective to identify young talented athletes at an earlier stage and to provide scientific and systematic training so as to develop them as athletes of international standards, in cooperation with the University academia and the neighbouring communities.

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

<https://iqac.uoc.ac.in/reports/best-practices>

## 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

Calicut University campus covering over five hundred acres of undulating land is abundant in flora and fauna. The campus is predominantly lateritic, and it is home to a large number of algae, fungi, flowering plants, butterflies, odonates, bird, reptiles and so on. About 15 percent of its land is occupied by buildings and roads, and the remaining area with rich biodiversity is mostly occupied by a variety of grasses, woody climbers, trees and a number of herbs. With the arrival of monsoon, the lateritic slopes of the campus turn green and gradually transform into brilliant hues with the flowering of many herbaceous plants in August-September. The unique flora of lateritic plateau of North Malabar is under severe threat as a result of anthropogenic activities and quarrying. Hence, the conservation of this unique flora and fauna in the University campus is of critical importance. The University has taken considerable attention in documenting and preserving the biodiversity of its campus.

Objectives ? Conservation of biodiversity. ? Herbarium for identification and documentation facility. Efforts have been taken by Calicut University Botanical Garden for the exsitu conservation of rare, endemic and endangered plants for the past few decades. The Garden also holds many curious plants, including rare collections of ferns, gingers, wild bananas, spices, mushrooms, medicinal plants, gesneriads and begonias. The Garden organizes botanical exhibitions every year for the students and general public to create awareness on conservation and to familiarize with the local flora. An area covering 13.5 acres of land with natural vegetation is separately maintained for the introduction of native tree species. Insect fauna of the campus are well documented and preserved in the Entomology museum of the Zoology Department. For documentation, dried plant specimens are preserved in the Calicut University Herbarium (CALI). The herbarium is also internationally recognized and holds one lakh specimens of vascular plants. Herbarium also provides identification services to pharmaceutical firms, students of Pharmacy colleges and researchers. The herbarium specimens of all flowering plants and ferns of the campus are available online in the Calicut University Herbarium ([www.calisherbarium.org](http://www.calisherbarium.org)). Butterfly park is major attraction of the campus, which comprises varied food plants for the butterflies. Large woody climbers in the campus such as Entada scandens and Calycopteris floribunda are provided with truss support for its protection and to add beauty to the landscape. QR code has been provided along with labels for identification of trees, shrubs and lianas occurring in prime locations of the campus.

Provide the weblink of the institution

<https://uoc.ac.in>

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

Plan of Action for the Academic Year 2019-20: Construction of men's hostel having a capacity of 63 students, at ITSR campus, Wayanad at an estimated project cost of Rs 125lacs Construction of academic block, including electrical works at ITSR campus, at an estimated project cost of Rs 50 lacs Construction of Calicut University Teacher Education Centre, Kozhikode at an estimated outlay of Rs 110 lacs Construction of men's hostel at Dr. John Matthai Centre, Thrissur at an estimated outlay of Rs 100 lacs Renovation of Seminar Complex, Heritage Centre and other works at an estimated outlay of Rs 100 lacs Development of library facility which includes the purchase of 12500 books to the tune of Rs 200 lacs Construction of new water tanks in Guest House, AD Complex, Teachers Hostel, new Life Science block Ladies Hostel at an estimated of cost of Rs 50 lacs. Installation of underground electrical cables to enhance the efficacy of power distribution system at an estimated cost of Rs 30 lacs Additional electrical installations related electrical works in the University Off campus centres at an estimated outlay of Rs 20 lacs Rewiring of administration block connected buildings at an estimated cost of Rs 30 lacs Rewiring of Pareeksha Bhavan related buildings at an estimated cost of Rs 20 lacs Modernization of Departments, Administration, Pareeksha Bhavan, University Health Centre Multidisciplinary Museum at an estimated cost of Rs 500 lacs Development of Departments as Centres with Potential for Excellence, earmarked Rs 500 lacs Purchase of 20Kva UPS with battery Bank for Central Sophisticated Instrumentation Facility at Rs 5 lacs For the conduct of Seminars Workshops in the year 2019-20, Rs 100 lacs to be earmarked For campus development which includes development area extension of northern boundary, construction of summer houses, development of butterfly park and to conduct pilot study on waste management at an estimate of Rs 70 lacs Construction of Golden Jubilee Block of Academic Evaluation at an estimated cost of Rs 500 lacs Construction of Common Amenity Centre at an estimated cost of Rs 200 lacs Digitization Works proposed to be undertaken in 2019-20 1. Central Computing Facility under Cloud Architecture - Rs 50 lacs 2. E Classrooms Webcasting Studio for each Schools in the University Campus - Rs 50 lacs Fire

Safety Fire Fighting Project- I Phase at teaching departments - Rs 80 lacs  
Construction of Ring Road Beautification of Science Block Compound - Rs 100 lacs  
To empower the visually challenged with computer literacy and provide books and  
other information containing materials in accessible format, a Daisy Production  
Unit is proposed at an estimated cost of Rs 43 lacs Construction of Humanities  
Block 1st Floor - Rs 100 lacs