



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		UNION CHRISTIAN COLLEGE, ALUVA
• Name of the Head of the institution	Dr. Thara K. Simon	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	04842609194	
• Mobile no	8281811703	
• Registered e-mail	iqac@uccollege.edu.in	
• Alternate e-mail	iqac.ucc@gmail.com	
• Address	P.O Box No 5, UCC Post	
• City/Town	Union Christian College, Aluva, Ernakulam Dt	
• State/UT	Kerala	
• Pin Code	683102	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Semi-Urban	

• Financial Status	Grants-in aid																																		
• Name of the Affiliating University	Mahatma Gandhi University Kottayam																																		
• Name of the IQAC Coordinator	Dr. Manju M George																																		
• Phone No.	04842967703																																		
• Alternate phone No.	9778291520																																		
• Mobile	9496106863																																		
• IQAC e-mail address	iqac@uccollege.edu.in																																		
• Alternate Email address	iqac.ucc@gmail.com																																		
3.Website address (Web link of the AQAR (Previous Academic Year)	https://iqac.uccollege.edu.in/aqar/																																		
4.Whether Academic Calendar prepared during the year?	Yes																																		
• if yes, whether it is uploaded in the Institutional website Web link:	https://iqac.uccollege.edu.in/documents/																																		
5.Accreditation Details																																			
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>Five Star</td> <td>81.0</td> <td>1999</td> <td>29/04/1999</td> <td>28/04/2004</td> </tr> <tr> <td>Cycle 2</td> <td>B++</td> <td>81.8</td> <td>2005</td> <td>20/05/2005</td> <td>19/05/2010</td> </tr> <tr> <td>Cycle 3</td> <td>A</td> <td>3.35</td> <td>2011</td> <td>27/03/2011</td> <td>26/03/2016</td> </tr> <tr> <td>Cycle 4</td> <td>A</td> <td>3.45</td> <td>2017</td> <td>30/10/2017</td> <td>29/10/2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	Five Star	81.0	1999	29/04/1999	28/04/2004	Cycle 2	B++	81.8	2005	20/05/2005	19/05/2010	Cycle 3	A	3.35	2011	27/03/2011	26/03/2016	Cycle 4	A	3.45	2017	30/10/2017	29/10/2022
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to																														
Cycle 1	Five Star	81.0	1999	29/04/1999	28/04/2004																														
Cycle 2	B++	81.8	2005	20/05/2005	19/05/2010																														
Cycle 3	A	3.35	2011	27/03/2011	26/03/2016																														
Cycle 4	A	3.45	2017	30/10/2017	29/10/2022																														
6.Date of Establishment of IQAC			20/06/1994																																
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,																																			

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional	RUSA	MoE, Govt. of India	2019, 3	6500000.00
Department-Physics	KSCSTE	Kerala Government	2019, 3	419257.00
Science Departments Union Christian College	Star College Scheme	Department of Biotechnology, Ministry of Science and Technology, Govt of India	2019, 4	6800000.00
Department-Physics	SERB	Ministry of Science and Technology, Govt of India	2019, 3	1351180.00
Department-Physics	Women Scientist Scheme (WOS)	Department of Science and Technology, Ministry of Science and Technology, Govt of India	2020, 3	450000.00

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	5	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	No	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
1 Preparation of Academic calendar	
2 Teachers Orientation in the beginning of academic year	
3. Participating in MHRD Programmes like AISHE and NIRF	
4. One day Teachers Orientation on NAAC Revised Accreditation Frame Work	
5. Conduct of Webinar on IPR	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	

Plan of Action	Achievements/Outcomes
<p>Curriculum: The curriculum for UG revised in 2017 and PG in 2019 by Mahatma Gandhi University, Kottayam and is being implemented.</p>	<p>As an institution affiliated to Mahatma Gandhi University, Kottayam, the college implements the UG and PG curricula prescribed by the University. The syllabi are discussed at different academic levels at the college and effective delivery plans are charted out by the various departments.</p>
<p>Teaching and Learning Based Education</p>	<p>All the Students enrolled this year (UG and PG) to be given training in ICT enabled learning. All teachers are to continue using ICT in classes. Methodologies of learning to be imparted to students through mentorship programme (1:20 ratio). Feedback on teaching learning to be collected from students and parents.</p>
<p>Research, Innovation and Extension</p>	<p>Union Christian College has seven different research projects successfully running during 2020-21 funded by central and state government agencies like Kerala State Centre for Science, Technology and Environment (KSCSTE :3), Department of Science and Technology (DST:1), Science and Engineering Research Board (SERB:3) with the total research grant amounting up to Rs.1,05,15,371 /- . Rs.4,19,257/- was utilized in the academic year 2020-21.</p>
<p>Infrastructure and Learning Resources</p>	<p>Infrastructure : ICT Class rooms, Renovation of Seminar Halls, Sufficient enhancement in internet speed. Maintenance and renovation of classrooms.</p>

	Renovation of Playgrounds. Learning Resource: Conversion of study materials into audio format to help visually challenged students
Student Support and Progression	NSS and NCC Activities, Student Associations: Placement Cell: Career Counselling and Placement
Governance and Leadership	Selection of Eight faculty members of the Inter Church Fellowship to Standing Council, the apex administrative body of the College for a period of 3 years on rotational basis. Establishment of Dean's Council consisting of Academic, Administrative and Student deans. Participation of teachers in administrative functions like Bursarship (Finance Officer), Works Superintendent for regular maintenance of the college infrastructure facilities, Students' Hostel Wardenship.
Institutional Values and Best Practices	Health assessment of students by Physical education department immediately after the semester commences. Transparency in admission process (management). Appointment of teachers on the basis of pure merit. Catering to local community during lockdown period. Mental Health Services to the Staff, Students and local community during COVID-19 pandemic, and Bridging the Digital Divide
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
College Governing Body	05/06/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	02/02/2022

Extended Profile**1. Programme**

1.1	49
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1060
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	154
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	1022
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1	130
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	130
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	94
Total number of Classrooms and Seminar halls	
4.2	47045152
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	532
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>Each academic year, the departments establish action plans for effective curriculum implementation and create delivery strategies for the services they provide. Curriculum content is effectively transferred within the time frame set. Lesson plans are followed by teaching plans, utilising creative teaching approaches such as group seminars, video lectures, and so on. The college owns the online learning platform Moodle, which helped to effectively deliver the curriculum during the challenging pandemic period. The period also necessitated the use of most of the online resources like Google</p>	

Classroom, Zoom, Google Meet etc. Webinars, case studies, micro projects, assignments, discussions, workshops, and industrial visits are utilised in addition to the traditional lecture method. Through assessments and continuous internal evaluation on a regular basis, the curriculum transaction's outcome is evaluated at the end of each semester. Curriculum and academic calendar are prescribed by the University. Students provide feedback on instruction on a regular basis. Allocation of subjects to the faculty is done considering faculty qualifications, subject specialisations and experience. Regular Class Committee meetings are held to review the teaching-learning process and monitor class attendance as well as address grievances. Invited lectures by industry and domain experts and industrial and field visits are organized. Regular Class Committee meetings are held to review the teaching-learning process and monitor class attendance as well as address grievances. Invited lectures by industry and domain experts and industrial and field visits are organized.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/1.1.1upload.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

All the departments strictly follow the norms for internal evaluation prescribed by the University for each course. The evaluation is based on test papers, assignments, seminars and attendance. Classroom assessment and evaluation were held on online platforms like Google classroom and Moodle as well as in offline mode when the students came to campus. Retests were held to facilitate maximum participation in the internal assessment process in the midst of the Covid pandemic. Assignments were given online and offline to improve the student performance. Activities like webinars and seminars by the students were organized to enhance their presentation skills. Interactive sessions were provided to reduce the stress of online classes. Semester classes were taken following the university academic calendar. Class wise Open Houses were arranged by all the class teachers to get direct report from the parents regarding the students' background as well as to make them aware of the online teaching and their wards' performance. Staff Council meetings were convened by the principal regularly to

discuss the progress in academics and the requirements or alterations needed were documented.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

28

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)****3**

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**148**

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

The college has a system of various students' clubs dedicated to different aspects of Ethics, Gender, Human values, Environment and Sustainability. Students are encouraged to join at least one of them and organise regular activities and programs. Webinars and discussions are arranged to enhance student awareness on these crosscutting issues. Arts and Humanities students are encouraged to undertake dissertation works related to these issues and do field work enabling them to acquire desired level of knowledge in the area. Further learning and research in such areas empower society to come out with practical solutions for several pertinent social issues of the time. To inculcate values in the students, the university introduced MOOC on organic farming for first semester students and 'Environment Management and Human Rights 'in the fifth semester. The syllabus of environmental studies includes five

modules including human rights. First two modules are purely environmental studies according to the UGC directions. Second two modules are related to renewable energy and fifth module is for human rights. Plagiarism is strictly discouraged among final year students with reference to projects as part of inculcating professional ethics.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

00

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1056

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above
---	------------------------------

File Description	Documents
URL for stakeholder feedback report	https://igac.uccollege.edu.in/survey/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
---	---

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2021/10/Student-Satisfaction-Survey2021.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1060

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

182

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

MENTORING SESSIONS are conducted for students by dividing them into groups to identify advanced and slow learners. Academic as well as personal challenges faced by the students are addressed in these mentoring groups. Tailored sessions as per the need of students are given.

First year students are given BRIDGE COURSE to bridge the gap they experience in undergraduate classes.

TUTORIAL GROUPS formed in each academic year facilitate and support students for better learning.

Peer group learning and group activities are also encouraged by faculty to enable weak students to improve their performance. Group assignments increase the learning as well as coordinating skills of the students and help them to be more equipped with sufficient subject knowledge and comprehending capacity.

Slow learners are given ample support in terms of Student Support Program.

Walk with the Scholar Program is also available to motivate and encourage Meritorious Students.

PG students are given enough time to use library to prepare for JRF.

We also have Exchange Programmes with International Christian University, Japan and advanced learners get an opportunity to visit Japan and learn from them. This year due to the pandemic situation they participated online.

The advanced learners are encouraged and motivated to attend the courses offered by the MOOC platform.

Extra classes are arranged for slow learners based on topics which are difficult for them.

File Description	Documents
Paste link for additional information	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/2.2.1_writeup.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2745	130

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Student centered teaching learning methods are implemented to ensure better performance and understanding for the student community. Peer learning and group activities are the core of this method. Discussions, Debates and interactive sessions are organized to ensure student participation. Field trip, Field work and exploration activities are undertaken as part of syllabus which benefit students with on site experience. The Department of History possess an archaeology museum which provides students with on hand experience

in learning our past through artefacts. Both UG as well as PG History students have project work as part of their syllabus. As part of this the learners visit museums, libraries, archives and related sites which makes their learning wholistic, experiential and participatory. Oral data collection through interview techniques further enhances the student historians to develop a deep understanding of the subject. Group activities are assigned to students and allocated time slots for discussion. After discussion, they are asked to present in a random order, the problem and the solving methodologies with the help of examples.

- Mini projects are given to students for experimental learning.
- Problem sheets are given to enhance their problem solving ability.
- Collective presentation and seminars are organized for enhancing the learning experiences.

Apart from this, field trips and field-based project works are undertaken as part of their curriculum which give students the benefit of onsite experience. The college also facilitates soft skill trainings, personality development training, Industry interaction programs, Entrepreneurial interactions, placement trainings and Internships for the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/2.3.1_write_up.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The teaching learning process happened mostly in online mode during the academic year where ICT tools were the only options. The college has a dedicated LMS through which the teaching learning process mainly happens. Other than Moodle LMS, applications like Google Meet, Google Classrooms, some Online compilers and IDE for conducting computer lab sessions were also experimented. Computer and Smart board classes are used by faculty for effective teaching. Several online modes like OBS, Open shoot etc are used to record class for the students. Students rendered equal participation in the class through live interaction and online webinar presentation. Internal assessment and assignments were also conducted using ICT

enabled tools to ensure maximum participation and response. Students with net work connectivity problem and those who without device were identified and addressed in the initial stage itself at institutional level to reduce the digital divide. At the time of this pandemic period, all teachers were using ICT enabled tools for the effective conduct of classes. The materials were shared to the students through Google classroom. The MOODLE platform was also used during this time period. All the students were individually assessed through this platform in an effective way. This platform was also helpful in sharing the resources and study materials to the students. The following ICT tools and techniques were used:

- LCD Projectors
- Desktops
- Laptop
- Online teaching
- E-Books/Audio/Video lectures
- PPTs
- Mobile devices provided

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

130

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year****130**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****53**

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers****1405**

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Two Internal assessment examinations are conducted at college level for the whole college. Other than this class tests and continuous evaluation and assessment processes are done by the respective subject teachers to ensure academic growth and understanding. Classroom discussions and debates on relevant topics related to subjects as well as in general are organized during class hours which increase student involvement in the teaching learning process. Retests were given to facilitate and support absentee students. Assignment topics are given to the students during each semester on individual or group basis by the respective subject teachers and they are given ample time for submission. Seminars/webinars are also given to selected semesters as per the syllabus, which the students present with support of ICT enabled tools. Following the presentation, an interaction, generating dynamic learning. Attendance is also given marks as per the university guidelines. Once marks are entered into A form and C form respectively for UG and PG, its presented to the students to ensure transparency and to rectify if there is any grievance from their part. Marks will be finalized only after this verification. Some of the Methods are: 1. Open Book Test (Class) 2. PPT evaluation (Open Course) 3. Group projects/presentations (Open Course) 4. Individual Project presentation and critical evaluation 5. Internal Exams - Online and Offline 6. Assignments 7. Seminar papers (Response papers/Position papers)

File Description	Documents
Any additional information	View File
Link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/2.5.1_writeup.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Students can approach the respective subject teachers and the class teachers in case of any queries once the mark is published in A form/C Form. Only after rectifying or clarifying their doubts the Forms will be finalized. Queries, if any, exist even after this can be raised to the Head of the department or the college Grievance cell and the issue will be dealt with on a time bound basis. The

evaluations of all components are to be published and are to be acknowledged by the candidates. The documents of internal assessments are to be kept in the college for one year and shall be made available for verification by the University. PTA Meetings are conducted regularly to inform the parents also about the student's performance. The Faculty Members, at the end of the semester, will submit the continual evaluation marks in the prescribed format to the Head of the Department / Academic Head for verification and corrections, if any. The HOD shall forward the continual evaluation marks to the Principal / Director for publication. The Principal / Director shall publish the Continual Evaluation marks 5 days before the commencement of University examinations. After resolving the complaints / grievances, if any, the continual evaluation document shall be submitted to the University through uploading the file as required before the end of University examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/2.5.2_writeup.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Yes, Programme Outcome and Course Outcome stated and displayed in website. On the basis of Programme Outcome and Course Outcome, Course Plan is created by each faculty in the beginning of each semester considering the number of working days and accordingly the syllabus is divided to deliver contents that are mentioned in the department minutes book Website
address: <https://iqac.uccollege.edu.in/documents/> At the end of the day we expect our students to take away from the course programmes certain outcomes. These include transparency to students, better learning and better performance and attaining professional qualification for jobs. MCA Apply knowledge of computing fundamentals, computing specialisation, mathematics, and domain knowledge appropriate for conceptualisation of computing models from defined problems and requirements. Design and evaluate solutions for complex computing problems, and components, or processes that meet specified needs Graduates will excel and function in their profession with social awareness, responsibility and also contribute to the economic growth of the country.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/2.6.1_writeup.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The results of university examination will be evaluated by individual departments and measures are taken to improve it. The course outcome of the program is evaluated by many factors including end examination, placements and qualifying national tests.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

756

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/2.6.3a.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2021/10/Student-Satisfaction-Survey2021.pdf>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research**

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

4.19257

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

27

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/3.1.1.pdf

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

1. INTERNATIONAL STUDENT TRAINING AND EXCHANGE PROGRAMME
2. PLACEMENT AND GUIDANCE CELL
3. IEDC cell of the college and Department of Electronics & Computer Maintenance provides training in Entrepreneurial skills.
4. CAPACITY BUILDING PROGRAMMES

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/INNOVATIVE-METHODS-OF-STUDENT-SUPPORT.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

2

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	https://uccollege.edu.in/research-facilities/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

28

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

11

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Institution is committed to inculcating values in its students and has always set examples by being a place of relief to the local community especially during the time of unprecedented floods and the pandemic. During the time when the Government of Kerala announced opening of COVID-19 First Line Treatment Centres (public health centres to treat symptomatic and patients with mild symptoms), the College was ready to provide all its facilities to set up a relief centre in the campus. Several students served as volunteers in the centre.

The students of Commerce department donated Rs 32000/- towards Chief Minister's fund to fight against Covid during the pandemic period. They also collected Rs. 15000/- and donated to CFLTC, Karumaloor Grama Panchayath. This act has sensitized the student minds as well as the community nearby the college and evoked a response towards the need for urgent action in the pandemic period. The department of Psychology with the help of faculty members and students has undertaken a noble deed to provide relief to grief stricken minds affected by Covid Sars virus at pre, present and post Covid Scenario. They provided online counselling to affected minds to overcome the impact of Covid.

Dr. Neelima Ranjith, faculty of Psychology department has given a talk on Gender Equality which is actually the need of the hour and the student communities especially girl students who are the majority of this college in number have been uplifted and made aware of the position of girls in the society.

Dr. Marykutty P. J of the Psychology department conducted an online orientation session for NSS volunteers which sparked the young minds and ignited a leadership quality in them.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/3.4.1.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

21

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

445

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

4

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

12

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The College has an extensive campus with lush green lawns, shadowy trees and fragrant flowers adding to its exotic locale spreading over an area of 42.4 acres. 33 buildings (5,13,354.6 sq. ft.) house the College with following facilities:

College has sufficient number of furnished classrooms equipped with latest facilities for conducting classes. All classrooms with proper ventilation and power supply with a built-up area of about 1,21,761.8 sq. feet (approx.) It also has 20 Department staff rooms and a common staff room. College has 94 well-furnished classrooms with required seating arrangements and furnitures. All classrooms are well lit and with ventilation facilities. Black Boards, White Boards and Green Boards are available in the classrooms as per the requirements. 07 smart classrooms are equipped with interactive boards. (MCA, MBA, Psychology, Economics, Commerce, Botany & Mathematics). It also has the has adequate audio-visual facilities. There are 05 LCD and 20 DLP projectors, and fifteen Over Head Projectors. Three Departments have television sets and the Dept. of English uses LD players for regular teaching.

The Solar panel (60 Kw) set on roof top of class rooms generates power and it will be given to the KSEB grid and finally reduction in total bills according to the powere generated.

Further Details attached

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/AQAR-4.1.1.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The College has the following sports (indoor & outdoor) facility

- 02 open stage
- 03 major playgrounds, each exclusively for cricket, hockey and football
- 01 outdoor stadium for Basketball and Tennis
- 01 indoor stadium
- 01 Volleyball court
- Well-equipped Gymnasium (renovated with UGC funding of Rs.2.5 Lakhs) is functioning on the campus with 12 stations.
- A yoga centre also functions on the campus for teachers and students, supervised by trained instructor (under the Physical Education Department. Dr. Bindu M., Head & Assistant Professor, is a certified Yoga instructor) .
- Tie-up with the Rural Medical Mission Hospital for medical assistance. The hospital is a sister concern of the College
- Rest rooms with adequate number of toilets for gents and ladies are available on the campus Sports course / Gymnasium facilities.

Other facilities attached as additional information

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/AQAR-4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/4.1.3-upload.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

34.03954

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is automated with an ILMS "Alice for Windows". The software has been in place since 2001. Currently using the version 6.0

KOHA Version 16.05.00.000 Since Academic year 2011

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/4.2.1upload.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Upload any additional information</td><td>View File</td></tr> <tr> <td>Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File			
File Description	Documents								
Upload any additional information	View File								
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File								
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)									
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
2.576									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>View File</td></tr> <tr> <td>Audited statements of accounts</td><td>View File</td></tr> <tr> <td>Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Audited statements of accounts	View File	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Audited statements of accounts	View File								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File								
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)									
4.2.4.1 - Number of teachers and students using library per day over last one year									
105									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>View File</td></tr> <tr> <td>Details of library usage by teachers and students</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Details of library usage by teachers and students	View File			
File Description	Documents								
Any additional information	View File								
Details of library usage by teachers and students	View File								
4.3 - IT Infrastructure									
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi									

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 20 mbps. Internet facility is available in whole campus including labs, classrooms, library and offices of all Departments. Following are the details of the internet connectivity

- BSNL leased line connection for whole campus
- 50Mbps kings road band connection for office
- 20Mbps kings broadband connection for exam room
- 100 Mbps BSNL broadband connection for IQAC room

Library strives to support the teaching learning activities of the college by providing educational resources. As on 31.05.2021, the library has 83348 books; and subscribes to 11 journals. Besides, the library subscribes to the NLIST services of INFLIBNET to provide online resources to academic community of the college. The library is automated with Alice for Windows, and the online catalogue is accessible from all the machines inside the library and the faculty rooms. Being part of the College LAN, the reading rooms in the library are connected by Wi-Fi as well.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/4.3.1.pdf

4.3.2 - Number of Computers

532

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

391.10

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The infrastructural development and maintenance plan of the College is participative and highly transparent in nature. The Departments, officers-in-charge of various facilities, and individual faculty members are encouraged to submit their proposals for infrastructure development, upgradation & maintenance of existing infrastructure etc. every year. The members of the Staff Council make necessary suggestions in this regard. The Staff Council constitutes committees to prepare proposals to be submitted to funding agencies such as UGC, DST, UBCHEA, etc. These committees consider the requests received from stakeholders and prepare proposals. Besides, the College has a Works Committee - consisting of Principal, Manager, Bursar and a work superintend and two selected teachers - to plan and supervise the civil works of the College. This Committee meets periodically to plan the infrastructure development and maintenance, and submits its report/ recommendations to the Governing Board (GB) of the College, for approval. The works committee implements the

work based on approval by the GB. Where funds are not currently budgeted, the GB proposes the estimate for the next Annual budget of the College. Major civil works such as construction of new buildings, are supervised by committees constituted by the GB.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/AQAR-4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

460

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

226

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://uccollege.edu.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

114

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

114

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

109

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

232

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

15

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

26

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

5.3.Give details of various academic and administrative bodies that have student representatives on them.

Student representatives in academic and administrative bodies

Name of committee Number of students

Anti-ragging Committee 02

Canteen 01

Hostels (8) Secretaries (8)

18 DepartmentsAssociations Secretaries (18)

Athletic committees ... Team Captains

Seeks help for seminars, workshops Association Secretary

College union election 02

NCC-Boys and Girls 03+03

NSS 02

File Description	Documents
Paste link for additional information	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/5.3.2-upload.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

20

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

5.4.1 - Whether the institution has registered Alumni Association?

Yes, the College has an active Alumni Association (OSA). The details are furnished in college website.<http://uccalumni.in/>. There are also various chapters of the association operating in the USA (UCCAANA) and KUWAIT ALUMINI and other in the Arabian Gulf. These chapters function in close association with college and its activities.

Webinars organised in association with UCCANA

1. Department of Biosciences, Union Christian College, Aluva, in association with U C College Alumni Association of North

America (UCCAANA) organised a webinar on "Zebrafish Disease Models for Phenotypic Drug Screens and Personalized Medicine" on 24th October 2020. Dr. Anju M. Philip, Zebrafish Centre for Advanced Drug Discovery, St. Michael's Hospital, Toronto, Canada, an Alumni of Biosciences department, delivered the talk.

2. Department of Zoology and Biosciences in association with U C College Alumni Association of North America (UCCAANA) organised a Centenary webinar on "How diet plays a vital role in regulating mucosal immunity and gut-brain axis" on 16 January 2021. Dr. Bisi Velayudhan, Assistant Professor of Biology, James Madison University, VA, USA was the resource person.
3. Department of Biosciences, Union Christian College, Aluva, in association with U C College Alumni Association of North America (UCCAANA) organised a webinar on "Molecular Dynamics Simulations in Computer Aided Drug Discovery" on 31 October 2020. Dr. Meenakshisundaram Balasubramaniam, Asst. Professor, Department of Geriatrics, Reynolds Institute on Aging, University of Arkansas for Medical Sciences, USA delivered the talk.

File Description	Documents
Paste link for additional information	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/5.4-upload.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Union Christian College , Aluva was established in 1921 as an

ecumenical, Indian Christian initiative in the field of higher education in Kerala. Interdenominational management, Participatory form of administration based on Christian fellowship, Service to the nation, Residential life, Cosmopolitan and secular ethos and Christian and Humanistic values are the key features of College.

Vision

Serve the nation by facilitating and modeling wholesome and socially relevant education to actualize the values of humanism in accordance with the revelation in Jesus Christ.

Mission

The Union Christian College, extending God's love to all, is committed to providing such education that facilitates the growth of the whole person and brings out the best in him or her that they would serve our nation and humanity at large and the ecosystem, as intellectually competent, morally upright and spiritually inspired persons.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/College-Handbook-2020-21.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The College constitution, which is revised periodically, ensures transparent and effective administration. College implements its institutional values effectively through different administrative bodies. The Inter Collegiate Fellowship (ICF) from which the college Principal, Bursar and persons to other administrative positions are appointed, manages the institution, keeping intact all its core values. The College Standing Council and Governing Body with representatives from ICF members ensure participatory governance right from the apex level. The College Staff Council, a statutory body, takes decisions on the conduct of the college, adhering to the principles of the institution.

The day-to-day activities of the college is managed by committee

system. Various committees with teachers, non-teaching staff and students as members manage academic, administrative, and cocurricular activities with due transparency and efficiency.

College Hostels follow a specific bylaw, a set of rules and regulations periodically revised to meet the needs of time. The principal, who is the Chief Warden, along with main wardens, selected from faculty, resident wardens and student representatives, implement the hostel rules and regulations with due concern for the student requirements.

Service rules for self-financing courses, the works department and other internal departments are reviewed and revised periodically by committees to ensure transparency and effectiveness.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/College-Handbook-2020-21.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Admission Procedures of the college are done online to facilitate students as well as parents from far off regions especially during the pandemic. All categories are admitted in compliance with applicable statutory and regulatory norms. Attendance marking and Internal mark entry are managed online using ERP software. Pandemic induced lockdown made online teaching learning inevitable during the academic year. Moodle platform was used effectively by the faculty to reach the students in the midst of all odds. Other than Moodle, various platforms were used by the faculty to ensure an effective teaching learning process. Personal interaction with the students by the class teachers made the process more effective.

Faculty underwent online training and attended workshops and Faculty Development Programs to equip themselves with the changing pedagogical needs. Students who lacked devices to attend class were identified through class teachers and peer groups and were provided with essential support. The Alumni Association of the College actively participated in this program along with faculty. The project titled Gandhimaavu Challenge ensured devices and data for

the entire student community and reduced the digital divide to a great extent. The institutional goal of holistic education for all was met with through this project.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://tcs.uccollege.edu.in/Login.aspx
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

- Members of administrative bodies like the Standing Council and Governing Body are elected as per the rules mentioned in the rule book. During the pandemic, online meetings and presentation of the minutes of administrative bodies, were held regularly.
- The staff council conducted elections to the ICC in a transparent manner.
- Service rules of the management staff are revised periodically in accordance with feedback received from them.
- Teacher representatives also constitute the Canteen committee. The committee members meet and maintain minutes on a regular basis.
- Hostels function as per the rule book and Hostel rules are revised periodically. Hostels operate under the committee systems with the active involvement of student representatives.
- The College Co-operative Society runs under the supervision of elected members from the teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/6.2.2.pdf
Link to Organogram of the institution webpage	https://igac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/ORganogram-1.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File
6.3 - Faculty Empowerment Strategies	
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff	
<ul style="list-style-type: none"> • The College Co-operative Society functions for the welfare of teaching and non-teaching staff. A loan of a maximum of seven lakhs and an emergency loan of up to 1 lakh is available for every member. • A recurring deposit facility is also available in the Society. Staff who wish to join can take shares, and the dividend is given to each member. • The college has made necessary arrangements for PF of teaching and non-teaching staff of self-financing streams. • Each fellowship member contributes a minimum of 1% of their salary to the college management. • The Staff Association and Fellowship regularly set aside an amount for charity. • The Teachers Welfare fund is another important initiative. The initial share of the members served as a corpus fund. This was loaned to teachers as an emergency loan with low interest. 	
File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/6.3.1-newupload.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

0

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

70

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

- The institution's performance appraisal is done regularly in a prescribed format with specific parameters.
- Teachers' self-appraisals prepared for promotions are kept at the office for reference.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/6.3.5.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution ensures transparency in all its financial matters through internal as well as external audits. All the infrastructural, administrative and academic activities of the college are monitored committees with faculty members in it. Regular committee meetings are held with the committee members and the ex officio members along with the concerned parties to ensure transparent transactions.

The college Bursar, also a faculty member, looks into the financial matters with utmost care. Further annual internal and external

audits are done by professional practitioners and auditors to ensure clarity and transparency of financial matters. In case of any audit objection, it is rectified at the earliest with adequate corrective actions as prescribed by the auditors.

Annual budget is created with new plans for further development of the college. The income Expenditure balance sheet is presented before the Standing Council and Governing Board and passed after due discussion of the concerned matters. All infrastructural and academic plans are verified with their financial implications on the college budget before being granted sanction, to guarantee transparent transactions.

The Internal Audit done by reputed chartered accountants Varma and Varma Associates, Thrissur and External Audit done by Government Agencies.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/balance-sheet2020-21-compressed.pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

11.19

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Various plans and strategies are implemented to generate funds from

different sources for developmental purpose of the institution without violating the statutory regulations of the land and adhering to the values of our founding fathers. Alumni Association of Union Christian College is very active and has its chapters active in various parts of the world. All these different units comprising our proud alumni contribute generously to the development needs of the College.

PTA fund is collected with due consent from parents and is used for providing essential facilities to the students. A PTA general body meeting is held twice a year to ensure proper interaction with the parents. Donations to development funds by Old Students and well wishers are encouraged and promoted through personal interactions.

Faculty undertake projects through various governmental as well as non-governmental bodies through which funds for various academic activities are generated. Younger faculty members are encouraged to undertake major and minor projects to guarantee fund flow to different departments which can be used for developmental as well as scholastic activities. Combined projects by different departments like Physics and Chemistry help even distribution of funds among departments for academic activities.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/6.4.3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell (IQAC) of the college undertakes effective measures to ensure proper running of the college. Webinars and Training sessions in collaboration with different departments were held during the academic year. Pandemic induced lockdown interrupted the direct programs and interactions of IQAC with departments and faculty but the issue was compensated by several online webinars and training sessions. Webinars of various topics and those on IPR and Research Methodology has enabled faculty to enhance their teaching skills and professional knowledge.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/02/6.5.1-compressed.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Institution reviews its teaching learning process in regular intervals. Student feedback is randomly collected by faculty at the end of each semester regarding the effectiveness and impact of teaching. This helps the faculty to improve their performance and involvement in the teaching learning process. Open house held at least once in a semester with the parents provide the teachers with detailed information on the student performance as well as enable them to understand the background of each student. This helps in developing a better student teacher relationship which in turns helps in the holistic development of the learner. Open house is highly appreciated by the parents who give correct feedback on the teaching learning process. Online open houses were held during the year to compensate the gap created by Pandemic.

Student Satisfaction Survey published in the college website is done by the final undergraduate and post graduate students which gives detailed feedback on the curricular and extracurricular activities of the college and its impact on students. Students highly appreciate the co-curricular activities of the college which helps them in their complete development. Review of results are held annually to rectify problems if any in the teaching learning process.

File Description	Documents
Paste link for additional information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2021/10/Student-Satisfaction-Survey2021.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of

B. Any 3 of the above

**Internal Quality Assurance Cell (IQAC);
Feedback collected, analyzed and used for
improvements Collaborative quality initiatives
with other institution(s) Participation in NIRF
any other quality audit recognized by state,
national or international agencies (ISO
Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	https://uccollege.edu.in
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institution provides equal opportunities for males and females with respect to curricular and extra-curricular activities and also adopts measures to sensitize the students and staff through awareness programmes charted at the beginning of each academic year. The teaching departments in association with the IQAC jointly organizes programmes with the NCC, NSS and other clubs of the college.

Details - Documents attached

File Description	Documents
Annual gender sensitization action plan	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.1.1-upload.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.1.1-upload.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The Institution is aware of the environmental impact of its activities and takes every step towards management of degradable and non-degradable waste materials. Separate trash bins in specific colours are arranged at different parts of the campus to encourage students to use them effectively. Student volunteers of the NSS and NCC monitor the proper use of the trash bins which enables getting the waste materials separated in the collection level itself.

The Institution has MoU with Plan@Earth, a voluntary organization which works to spread awareness about the need to preserve and protect the environment. The chief purpose of the MoU was to engage orient, guide and motivate students towards community service and get them involved in activities connected to environment conservation. It is also intended to provide internship, project work for the students based on their software requirements in MCA Department.

The Department of Chemistry uses specific methods in their laboratory to reduce the waste generated at the source. Students who utilize lab facilities are given adequate orientation about the importance of reducing wastage of chemicals. Information about chemical waste disposal procedures is kept in the laboratory file for student and faculty reference. All chemical wastes are kept separate from normal trash materials such as wood and paper. The experiments done in the laboratory are modified from macro scale to micro level so as to reduce wastage. The stock of chemicals is verified at least once a year and the stock register is updated when chemicals are purchased or used up. Date of purchase of chemicals is indicated in the containers so that older ones will be used first. The least environmentally hazardous method of cleaning glassware is adopted. Solvent recovery equipments such as rotary vacuum evaporators are installed in laboratory. When solvent is used for cleaning purposes, contaminated solvent is used for initial cleaning and fresh solvent for final cleaning. Usage of detergent and hot water is encouraged for cleaning of parts instead of solvents. Apart from these, the possibility of including detoxification and/or neutralization steps in laboratory experiments are also looked into.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

B. Any 3 of the above

<ol style="list-style-type: none"> 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping 	
--	--

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"> 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>C. Any 2 of the above</p>
--	-------------------------------------

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</p>	<p>A. Any 4 or all of the above</p>
---	--

**Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of
reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The Institution has distinguishing features such as interdenominational management, participatory form of administration based on Christian fellowship and cosmopolitan and secular form of administration as envisaged by the founding fathers. Cultivation of national integration and harmony among diverse religions, cultures, linguistic groups and nationalities is central to the mission statement of the institution and is strictly adhered upon. Inclusion of students from different communal and socio-economic background are ensured during the admission process itself, the institution adheres to the policies of the affiliating University (MG University) and follows the guidelines of reservation as set by the State Government for backward castes and minority groups. Due consideration is given to students of lower socio-economic background during admission to college management quota, for both UG and PG programmes. Scholarships and endowments are instituted by almost all teaching departments (mostly by former faculty members of the Institution) for students on merit-cum-means basis.

Details attached

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The Institution is committed to inculcating values in its students and has always set examples by being a place of relief to the local community especially during the time of unprecedented floods and the pandemic. During the time when the Government of Kerala announced opening of COVID-19 First Line Treatment Centres (public health centres to treat symptomatic and patients with mild symptoms), the College was ready to provide all its facilities to set up a relief centre in the campus. Several students served as volunteers in the centre.

Details attached

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.1.9.pdf
Any other relevant information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.1.9.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The Institution celebrates days of National and International significance in association with the NCC, NSS, and other clubs and organizations.

Details attached

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice I

Title of the Practice: Mental Health Services to the Staff, Students and local community during COVID-19 pandemic

- To determine the effectiveness of online classes offered by the institution.
- To identify the mental health concerns of students of the college, if any, during the time of the pandemic (to develop Mental health app which can be readily used by students to understand their mental health needs and seek professional

help)

- To open services to address the rising concerns of students and staff of the institution

Best practice II

Title of the Practice: Bridging the Digital Divide

Objectives of the Practice

- Provision for electronic gadgets such as laptops and mobile phones, to the socioeconomically disadvantaged students
- Increasing digital literacy of staff and students of the Institution

Details in IQAC site <https://iqac.uccollege.edu.in/criterion7/>

File Description	Documents
Best practices in the Institutional website	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.2.1upload.pdf
Any other relevant information	https://iqac.uccollege.edu.in/wp-content/uploads/sites/207/2022/01/7.2.1upload.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Union Christian College is a Higher Education Centre which is committed to providing education that facilitates the growth of the whole person and bringing out the best in every student. With its unique history and cherished values, the College strives to live out its commitments by its strategic initiatives. The expertise of former teachers and distinguished Alumni of the Institution are harnessed by conducting seminars/webinars and special invited talks. The Institution stands as a pioneer in the field of higher education for the last ten decades fostering quality of education, equity, social inclusion and humanism.

Details uploaded in IQAC site
<https://iqac.uccollege.edu.in/criterion7/>

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Union Christian College celebrates 100 years of contribution and service to the nation during the academic year 2020-21 and is committed itself to extend its support for the well-being of the students, staff as well as the local community during the time of the pandemic. The Institution has proposed several centenary projects at the institutional level as well as at the Department level. The 18 teaching departments from the Languages, Sciences, Social sciences, Physical education, Commerce as well as Professional courses have proposed more than hundred projects to be undertaken during the centenary year. The projects have been conceived with a view to enhance quality learning, provide experiential learning opportunities to students, and mentor them into citizens who would be willing to take up the challenge of building a more just, humane and benevolent nation.

<https://centenary.uccollege.edu.in/> (projects Department wise)

The College will organize more programmes for students and teachers on the post covid-19 scenario.

Continue to equip teachers and students to use online platforms and other online resources for the efficient conduct of online classes.

- To organize more activities and events for teaching and non-teaching staff for skill enhancement
- To compile feedback responses from students, parents and other stakeholders.
- To continue with Infrastructure Audit
- To conduct Administrative and Academic Audit
- To conduct Environmental Audit
- To complete and upload AQAR.
- To participate in NIRF and AISHE programmes.