



Yearly Status Report - 2019-2020

| Part A | | | | | |
|---|------------------------------|--|--|--|--|
| Data of the Institution | | | | | |
| 1. Name of the Institution | UNION CHRISTIAN COLLEGE | | | | |
| Name of the head of the Institution | Dr David Saj Mathew P | | | | |
| Designation | Principal | | | | |
| Does the Institution function from own campus | Yes | | | | |
| Phone no/Alternate Phone no. | 04842609194 | | | | |
| Mobile no. | 9847513132 | | | | |
| Registered Email | iqac@uccollege.edu.in | | | | |
| Alternate Email | iqac.ucc@gmail.com | | | | |
| Address | PO Box No. 5, UCC Post Aluva | | | | |
| City/Town | Ernakulam | | | | |

| State/UT | Kerala | | |
|--|--|--|--|
| Pincode | 683102 | | |
| 2. Institutional Status | | | |
| Affiliated / Constituent | Affiliated | | |
| Type of Institution | Co-education | | |
| Location | Semi-urban | | |
| Financial Status | state | | |
| Name of the IQAC co-ordinator/Director | Dr Manju M George | | |
| Phone no/Alternate Phone no. | 04842967703 | | |
| Mobile no. | 9496106863 | | |
| Registered Email | iqac@uccollege.edu.in | | |
| Alternate Email | iqac.ucc@gmail.com | | |
| 3. Website Address | | | |
| Web-link of the AQAR: (Previous Academic Year) | http://iqac.uccollege.edu.in/aqar | | |
| 4. Whether Academic Calendar prepared during the year | Yes | | |
| if yes, whether it is uploaded in the institutional website: Weblink: | http://iqac.uccollege.edu.in/documents | | |
| 5. Accrediation Details | | | |

| Cyclo | Crada | Grade CGPA Year o | | Validity | | |
|-------|-----------|-------------------|----------------------|-------------|-------------|--|
| Cycle | Grade | ade CGPA | Year of Accrediation | Period From | Period To | |
| 4 | A | 3.45 | 2017 | 30-Oct-2017 | 29-Oct-2022 | |
| 3 | A | 3.35 | 2011 | 27-Mar-2011 | 26-Mar-2016 | |
| 2 | B++ | 81.8 | 2005 | 20-May-2005 | 19-May-2010 | |
| 1 | Five Star | 81.0 | 1999 | 29-Apr-1999 | 28-Apr-2004 | |

6. Date of Establishment of IQAC

20-Jun-1994

7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | | | | | | |
|---|----------------------|----|--|--|--|--|--|
| Item /Title of the quality initiative by IQAC Date & Number of particip Duration beneficiaries | | | | | | | |
| IQAC Committee Meeting | 06- Jan-2020 2 | 12 | | | | | |
| Departmental Coordinators Meeting | 21- Nov-2019 2 | 18 | | | | | |
| IQAC Core Committee Meeting | 20- Nov-2019 2 | 5 | | | | | |
| IQAC Joint meeting of Core Committee and Departmental Coordinators | 25- Sep-2019 2 | 23 | | | | | |
| IQAC Core Committee Meeting | 25- Jul-2019 2 | 12 | | | | | |
| IQAC Joint meeting of Core Committee and Departmental Coordinators | 22- Jul-2019 | 22 | | | | | |

| | 2 | |
|--|----------------------|----|
| IQAC Joint meeting of Core Committee and Departmental Coordinators | 01- Jul-2019 2 | 28 |
| Teachers Orientation on NAAC- Revised Accreditation Frame Work | 27- Jul-2019 6 | 69 |
| Departmental Perpectives and Future Plans | 05- Jul-2019 3 | 78 |
| Teachers Orientation | 28- Jun-2019 3 | 92 |

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

| Institution/Department/Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|--------------------------------|--------|--|-----------------------------------|---------|
| Department | SERB | Ministry of Science and Technology, Govt of India | 2019 | 1100000 |
| Institution | RUSA | MHRD | 2019 3 | 2000000 |
| Department | KSCSTE | Kerala Government | 2019 3 | 400000 |
| Department | ICHR | ICHR, New Delhi | 2019 1 | 40000 |
| College FDP | | UGC, New Delhi | 2020 1 | 75000 |

| Department | Women Scientist Scheme (WOS) | Department of Science and Technology, Ministry of Science and Technology, Govt of India | 2020 3 | 450000 |
|--|------------------------------------|---|-----------|---------|
| Science Departments Union Christian College | Star College Scheme | Department of Biotechnology, Ministry of Science and Technology, Govt of India | 2019 4 | 6800000 |

| View | <u>File</u> |
|--|------------------|
| 9. Whether composition of IQAC as per latest NAAC guidelines: | Yes |
| Upload latest notification of formation of IQAC | <u>View File</u> |
| 10. Number of IQAC meetings held during the year : | 8 |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | Yes |
| Upload the minutes of meeting and action taken report | <u>View File</u> |
| 11. Whether IQAC received funding from any of the funding agency to support its activities during the year? | No |

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

1 Preparation of Academic calendar 2 Teachers Orientation in the beginning of academic year 3 Presentation of Departmental Perspectives and Future Plans 4 Participating in MHRD

Programmes like AISHE and NIRF 6 One day Teachers Orientation on NAAC Revised Accreditation Frame Work

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

| Plan of Action | Achivements/Outcomes |
|---|---|
| Institutional Values and Best Practices | Publication of Journal by Dept. of Malayalam. 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. |
| Governance and Leadership | 1. 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. 2. Establishment of Dean's Council consisting of Academic, Administrative and Student deans. 3. Participation of teachers in administrative functions like Bursarship (Finance Officer), Works Superintendent for regular maintenance of the college infrastructure facilities, Students' Hostel Wardenship. |
| Student Support and Progression | NSS and NCC Actvities Student Associations: Placement Cell: Career Counselling and Placement |
| Infrastructure and Learning Resources | Infrastructure: ICT Class rooms, Renovation of Seminar Halls, Cafeteria in canteen with new equipments scullery. Sufficient enhancement in internet speed. Maintenance and renovation of classrooms. Renovation of Playgrounds. Learning Resource: Conversion of study materials into audio format to help visually challenged students |
| Research, Innovation and Extension | Research Projects Number Cost: 4 projects Rs.108.65 Lakhs. Publications Number: Fifty five in Journals and twenty one in books. Extension Programmes Numbers: 1 |
| Teaching and Learning Based Education | 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. |
| Curriculum | As an institution affiliated to Mahatma Gandhi University, Kottayam, the college implements the UG and PG curricula prescibed 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.

| <u>View File</u> | | | | | | |
|--|---|--|--|--|--|--|
| 14. Whether AQAR was placed before statutory body ? | Yes | | | | | |
| Name of Statutory Body | Meeting Date | | | | | |
| Union Christian College Governing Council | 19-Jun-2020 | | | | | |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning? | No | | | | | |
| 16. Whether institutional data submitted to AISHE: | Yes | | | | | |
| Year of Submission | 2020 | | | | | |
| Date of Submission | 14-Mar-2020 | | | | | |
| 17. Does the Institution have Management Information System ? | Yes | | | | | |
| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | Admission Process (CAP) Attendance of Students Internal Mark Entry Consolidated Internal mark Lists Communication Information among Teachers and Students through IT facilities Colleges owns ERP Automated Library Part of MIS system of University Online entry of attendance and Marks University Examination | | | | | |

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Planning and Implementation

1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The UG and PG Departments develop action plans for effective implementation of the curriculum for each academic year. Delivery plans are charted by the departments for the effective transaction of curriculum content within the stipulated time. Teachers prepare teaching plans based on the delivery plan followed by lesson plans. Teachers impart the curriculum through innovative teaching methods such as group seminars, video lectures, webinars, case study, mini project, assignments, discussions, workshops and industrial visits. The traditional lecture method is also used in the process. Assessment is made through Continuous Internal Evaluation. Outcome of the curriculum transaction is assessed by the departments at the end of each semester. Curriculum and academic calendar are prescribed by the University. Each student is given a copy of the course plan. Students are also provided with the academic calendar. Allocation of the subjects to the faculty is done taking into consideration, the faculty qualifications, subjects specialization and experience. Class attendance registers are scrutinized by the HOD. Invited lectures by industry and domain experts are arranged. Industrial and field visits are organized. Periodical feedback is obtained from the students on teaching. Regular Class Committee meetings are held by the Head of the Department to review the teaching-learning process, academic progress of the students and to address grievances. Faculty members are members of the Board of Studies of various Universities and Autonomous Institutions. 2 teachers (Malayalam and Botany) serve as chairpersons of the PG Board of Studies and eight serve as members. There are six members from the college in the UG Board of Studies. One faculty is a member of PG Board of Studies of Sanskrit University, Kalady. Faculty members are involved in course restructuring and revision committees constituted by the Mahatma Gandhi University. This enables the faculty to contribute towards the curriculum development, even within the affiliation system. 71 faculty members were active members of the question paper setting and evaluation teams of different universities and autonomous colleges, setting questions papers and evaluating examination scripts.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employability/entrepreneurship | Skill Development | |
|-------------|--------------------|--------------------------|----------|---|-------------------|--|
| | | | | | | |

| Structured information Processing and network Applications | | 03/06/2019 | 2 | Network Applications | Network Applications |
|--|--|------------|---|----------------------|-------------------------|
|--|--|------------|---|----------------------|-------------------------|

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|------------------|--|-----------------------|
| BA | No New Programmes Introducded in 2019-20 | 03/06/2019 |

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|----------------------------|---|
| BA | All Programmes | 03/06/2019 |
| BSc | All Programmes | 03/06/2019 |
| BCom | All Programmes | 03/06/2019 |
| MSc | All Programmes | 03/06/2019 |
| MA | All Programmes | 03/06/2019 |
| MBA | Business Administration | 03/06/2019 |
| MCA | Computer Applications | 03/06/2019 |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 30 | Nil |

1.3 - Curriculum Enrichment

1.3.1 - Value-added courses imparting transferable and life skills offered during the year

| roduction Number of Students Enrolled |
|---------------------------------------|
| 2019 30 |
| / |

1.3.2 - Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---|--------------------------|---|
| BA English | | 32 |
| BSc Electronics and Computer Management | | 32 |
| BSc | Psychology | 74 |
| BSc | BTSP | 60 |
| MSc Psychology | | 17 |
| MCA | Computer Applications | 16 |

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

| Students | Yes |
|-----------|-----|
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

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

Feedback Obtained

Responses on the curriculum and delivery are collected from the stakeholders. Special forms are used for parents to register their views during parent teaching meeting. The heads of the departments collect feedback from the different stakeholders through periodic meetings. The departments analyses the reports. The Head of the departments collect the exit level feedback from the graduates regarding learning processes after the end of

academic session every year. Inputs are obtained from the stakeholders regularly and are used to improve the overall competency of the students for employ ability. The SSS (Student Satisfaction Survey) was done online during the year, in the NAAC format, with passed out students (UG and PG) and results were analyzed by College and is uploaded in the IQAC web page.

CRITERION II - TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|--------------------------|---------------------------------------|---------------------------|--------------------------------|----------------------|
| BSc | Physics | 53 | 5674 | 53 |
| BSc | Mathematics | 50 | 3465 | 50 |
| BSc | Computer Science | 30 | 2851 | 30 |
| BSc | Electronics and Computer Maintenanace | 38 | 721 | 38 |
| BSc | Chemistry | 56 | 7070 | 56 |
| BSc | Botany | 36 | 6048 | 36 |
| BA | History | 38 | 7501 | 38 |
| BA | Economics | 66 | 9171 | 66 |
| BA | Malayalam | 60 | 6389 | 60 |
| BA | English | 63 | 10506 | 63 |

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2.2 - Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|--|--|---|
|------|---|---|--|--|---|

| 2019 710 397 118 102 133 | 2019 | 710 | 397 | 118 | 102 | 133 |
|-----------------------------------|------|-----|-----|-----|-----|-----|
|-----------------------------------|------|-----|-----|-----|-----|-----|

2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Numberof smart classrooms | E-resources and techniques used |
|----------------------------------|---|-----------------------------------|----------------------------------|---------------------------|---------------------------------|
| 133 | 133 | 75 | 16 | 16 | 70 |

View File of ICT Tools and resources

View File of E-resources and techniques used

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

The College has a structured mentoring system, established to fulfill the academic and psycho-social needs of the students, by linking their subjects of study to real life situations, facilitating life skills/soft skills, fostering moral sensitivity and civic responsibility in order to create well adjusted, global citizens. Department level mentoring groups with a 1:18 Teacher student ratio meets on a weekly basis. These interactive sessions enable mentors to identify areas of concern and adopt remedial measures in order to ensure holistic development. Apart from academic mentoring, including remedial classes, mentors encourage student participation in the clubs and societies constituted for their benefit based on individual taste and talent. In keeping with college's vision of better health for all, the NCC and the Department of Physical Education provide an avenue for mentees who require an active lifestyle, enabling learners to cope with stress and other personal issues. Mentors also refer students to BLISS a counseling cell run by the Department of Psychology. Social commitment and empathy are cultivated through participation in the NSS and Pain and Palliative Care unit. As per suggestions of members and based on individual needs and interests, mentors encourage students to enroll for NPTEL courses to enhance knowledge and employability.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 2698 | 133 | 1:20 |

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|---------------------|--|--------------------------|
| 94 | 82 | 12 | Nill | 50 |

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

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|------------------|---|------------------------|--|
| 2019 | Dr. Elizabeth V.Mathew | Assistant Professor | Certificate of appreciation for Best Performing Mentor by NPTEL Swayam (Govt of India) |
| 2019 | Dr. Simi Pushpan K | Assistant Professor | American Chemical Society Membership |
| 2019 | Dr.Reshmi R | Assistant Professor | ICTP fellowship |
| 2020 | Dr. Renju Chandran | Assistant Professor | NPTEL Believers Award |
| 2020 | Ms. Sneha Rose George | Assistant Professor | NPTEL Discipline star award(2020) |

View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|-------------------|-------------------|-------------------|---|---|
| BSc | Model 1 | One | 11/11/2019 | Nill |
| BA | Model 1 | One | 11/11/2019 | Nill |
| MA | Model 1 | One | 08/11/2019 | Nill |

View File

2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Keeping within the purview of university stipulations various reforms have been initiated in the continuous internal evaluation process at the college. Two Internal Exams are conducted in a semester and reexaminations are given to the needy candidates as and when required. Class tests and revision tests are conducted on a regular basis. Oral tests, interviews, PPT presentations and seminars also form part of the evaluation process of the institutional level. Assignments, Group and individual projects are given to the students as part of the process. Open book exams are encouraged during revision exercises.

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

The College follows the Academic Calendar prepared by the parent university. Exams are conducted as per the schedule (Mahatma Gandhi University Examination Calendar) given by university. Internal evaluations are done by the college.

2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://igac.uccollege.edu.in/documents/

2.6.2 - Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|-------------------|-------------------|-----------------------------|---|---|--------------------|
| Model 1 | MSc | Zoology | 15 | 12 | 80 |
| Model 1 | MA | History | 16 | 16 | 100 |
| Model 2 | BCom | Finance and Taxation | 45 | 36 | 80 |
| Model 1 | BSc | Botany | 34 | 30 | 88.2 |
| Model 1 | BA | Englsh | 53 | 51 | 96.2 |

View File

2.7 - Student Satisfaction Survey

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

https://iqac.uccollege.edu.in/survey/

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Major Projects | 3 | DST-SERB | 24.1 | 2.5 |
| Major Projects | 3 | DST-SERB | 27 | 2 |
| Major Projects | 3 | DST-SERB | 15 | 2 |
| Any Other (Specify) | 3 | KSCSTE | 18.62 | 3 |
| Any Other (Specify) | 1 | Vidwan PG Nair | 1.2 | 1.2 |

View File

3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|------------------------------------|-------------------|------------|
| Intellectual Property Rights (IPR) | Botany | 20/12/2019 |

3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|-------------------------|-----------------|-----------------|---------------|----------|
| Nil | Nil | Nil | Nill | Nil |

View File

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

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

View File

3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0 | 0 | 0 |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Physics | 5 |
| Mathematics | 2 |
| Chemistry | 1 |

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

| Туре | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|-------------------|-----------------------|--------------------------------|
| International | Chemistry | 2 | 1 |
| International | Botany | 9 | 1.5 |
| International | Physics | 24 | 6 |
| National | Psychology | 3 | 0.5 |
| International | Mathematics | 1 | 1 |
| National | MBA | 1 | 0.5 |
| International | MBA | 3 | 1 |
| National | History | 8 | 1 |
| National | Computer Sciences | 3 | 1 |
| National | Library | 1 | 1 |

View File

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

| Department | Number of Publication |
|------------|-----------------------|
| Malayalam | 10 |

| Botany | 1 |
|------------|---|
| Psychology | 1 |
| Economics | 1 |
| MCA | 1 |
| MBA | 1 |
| Hindi | 1 |
| English | 3 |
| library | 2 |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|-----------------------|--|---------------------|-------------------|---|---|
| Kernel-based Fisher Discriminant Analysis on the Riemannian Manifold for Nuclear Atypia Scoring of Breast Cancer | Asha Das | Biocybernetics and Biomedical Engineering, Elsevier, Vol.39, No.3, pp.728-741, 2019 | 2020 | 5 | Union Christian College | 2 |
| Ageing studies of DGEBA modified with mixture of epoxidised cardanol and epoxidised novolac from p-cresol. Page no: 233i-236i | Neethumol Varghese | IJRAR | 2019 | 5 | Union Christian College | 2 |

View File

3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|------------------------------------|----------------------------|---------------------|---------|---|--|
| Influence of pn junction mechanism and alumina overlayer on the photocatalytic performance of TiO2 nanotubes | Rachel Reena Philip | Nanotechnology | 2020 | 9 | 1 | Union Christian College,Aluva |
| Intense Yellow Emitting Biocompatible CaS:Eu Nanophosphors Synthesized by Wet Chemical Method J.of Fluores | E I Anila | Journal of Fluorescence | 2019 | 9 | 1 | Union Christian College,Aluva |
| Random Lasing Phenomenon in ZnO: Silica Nano Composite Prepared by Chemical Method, | Anila E I | Materials Today | 2019 | 9 | 1 | Union Christian College,Aluva |
| A Study on the Emergence of P-Type Behaviour in Sr-Cu-O Mixed Phase Systems | E I Anila | Journal of Physics | 2019 | 9 | 1 | Union Christian College,Aluva |
| Fabrication of p-SnO/n-SnO2 transparent p-n junction diode by spray pyrolysis and extraction of device's intrinsic parameters | Rakhy Raphael , E I Anila | Materials Letters | 2019 | 9 | 1 | Union Christian College,Aluva |

View File

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 14 | 79 | 47 | 19 |
| Presented papers | 19 | 31 | 3 | 1 |
| Resource persons | 2 | 11 | 21 | 10 |

View File

3.4 - Extension Activities

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

| Title of the activities | Organising unit/agency/ collaborating agency | · · | Number of students participated in such activities |
|---|--|-----|--|
| Randal: Art from Waste | dept of English | 3 | 60 |
| folk dance program | dept of English co hosted with dept of malayalam along with Police Library and Navodayam Library, Aluva | 6 | 25 |
| Nalacharitham Aattakadha | U.C. College dept. of Malayalam in association with Tripunithura Kadhakali kendram | 10 | 150 |
| Rajasthani Folk dance | U.C. College dept. of Malayalam in association with District Library Council, SPIC MACAY North Kerala and Police Library club. | 10 | 185 |
| Digital Payment/Online Services to Kudumbashree Members | Department of Computer Science, Union Christian College, Aluva Kudumbashree members of ward number 12 of Karumalloor Panchayath | 2 | 15 |

View File

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

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|--|---|------------------------------|------------------------------------|
| Awareness on Mental health (Suicide prevention) to different schools and college | Certificate of Appreciation | Aster Medicity | 75 |
| Prof M P Paul award for the best PG Dissertation Supervisor, 2019 | Prof M P Paul award for the best PG Dissertation Supervisor, 2019 | Prof. M P Paul Foundation | 1 |

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

| Name of the scheme | Organising unit/Agency /collaborating agency | Nama at the | Number of teachers participated in such activites | Number of students participated in such activites |
|--|--|--|---|---|
| Indian Women Scientists association and supported by BRNS -DAE | Indian Women Scientists association and supported by BRNS -DAE | Popular Science Lecture Series 2019-1 | 2 | 100 |
| Jalasangamam | Haritha Keralam Mission of Kerala State Govt. | LEcture | 1 | 4 |

View File

3.5 - Collaborations

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

| Nature of activity | Participant | Source of financial support | Duration |
|---------------------------------------|-------------|---|----------|
| Krithi Lecture | 150 | Govt.of Kerala, Cultural Dept. | 4 |
| Refresher course for HSST Teachers | 50 | U.C. College dept. of Malayalam in association with SCERT Govt. of Kerala. Financial support- SCERT Govt. | 10 |

of Kerala

View File

3.5.2 - Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|---|---|------------------|-------------|-------------|
| Internship | Project Internship | RoadE Labs, Cochin | 10/06/2019 | 31/10/2019 | 7 |
| OJT | CCTV Training - Installation Operations and Arduino Training Programme | Aarvin Technologies | 25/11/2019 | 30/11/2019 | 36 |

View File

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

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|---|-----------------------|--|--|
| Bellarmine University | 05/06/2019 | Bellarmine University Exchange Programme | 14 |
| Kuttipuzha Smaraka Samskarika Padana Kendram | 03/06/2019 | Kuttipuzha Smaraka Samskarika Padana Kendram. (Cultureal study centre) | 28 |
| RoadE Labs Pvt. Ltd, Kochi | 01/05/2019 | For providing workshops, internships and sessions on industry expectations | 7 |
| Internshala -Scholiverse Educare Private | 21/06/2019 | Provide weekly internship update to all the students registered by the College | 200 |

| Limited | | | |
|---|------------|---|-----|
| Plan@Earth, Aluva | 25/02/2020 | To engage orient, guide and motivate students towards community service and involvement in activities connected to environment conservation. Also provide internship, project work for the students based on their software requirements. | 100 |
| SparXs Life Skills Unlimited, Aluva | 25/02/2020 | To offer career orientation, motivational and language classes, provide mock interviews and guidance to students and provide internships for the students based on their software requirements | 100 |
| Aster Medcity | 24/01/2020 | Community Awareness Programs | 77 |

CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 60 | 64 |

4.1.2 - Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--------------------------------|-------------------------|
| Classrooms with LCD facilities | Existing |
| Classrooms with Wi-Fi OR LAN | Existing |
| Others | Existing |

View File

4.2 - Library as a Learning Resource

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

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation | |
|---------------------------|--|-------------------|--------------------|--|
| Alice for Windows | Fully | 6.0 | 2001 | |
| КОНА | Fully | кона 16.05.00.000 | 2011 | |

4.2.2 - Library Services

| Library Service Type | Exis | Existing | | ly Added | Total | |
|----------------------|---------|----------|------|----------|---------|---------|
| Text Books | 79375 | 7202872 | 290 | 153045 | 79665 | 7355917 |
| Reference Books | 3361 | 7202872 | 11 | 153045 | 3372 | 7355917 |
| e-Books | 3100000 | 5900 | Nill | Nill | 3100000 | 5900 |
| Journals | 20 | 58280 | Nill | Nill | 20 | 58280 |
| e-Journals | 6000 | 5900 | 200 | 6250 | 6200 | 12150 |
| Digital Database | 1 | Nill | Nill | Nill | 1 | Nill |
| CD & Video | 40 | 19800 | Nill | Nill | 40 | 19800 |
| Others(specify) | 6 | 12900 | Nill | Nill | 6 | 12900 |

View File

4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| | Name of the Module | Platform on which module is developed | Date of launching e-content |
|-----|--------------------|---------------------------------------|-----------------------------|
| Nil | Nil | File attached | 30/12/2019 |

View File

4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

| Туре | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|--------------------|-----------------|----------|------------------|---------------------|--------|-------------|---------------------------------|--------|
| Existing | 532 | 12 | 410 | ε | 2 | 3 | 20 | 10 | 0 |
| Added | 12 | 0 | 450 | 3 | 2 | 3 | 20 | 100 | 0 |

| Total | 544 | 12 | 860 | 6 | 4 | 6 | 40 | 110 | 0 | |
|-------|-----|----|-----|---|---|---|----|-----|---|---|
| | | | | _ | | _ | _ | | _ | Н |

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

100 MBPS/ GBPS

4.3.3 - Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| UCC Media | https://www.youtube.com/UCCmedia |

4.4 - Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurredon maintenance of physical facilites | |
|--|--|--|--|--|
| 40 | 40 | 30 | 30 | |

- 4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)
- All departments are provided with computers with internet facility. FIST funded and 5 other Departments are having Computer Labs along with Computer Sciences and MCA labs• WiFi Internet facility is provided to students. Internet access to all machines and 100mbps leased line. WiFi facility throughout the institute. Audiovisual system and ICT in PG and Final year UG classrooms.

http://igac.uccollege.edu.in/wp-content/uploads/sites/207/2019/08/code-of-conduct.pdf

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|--------------------------------------|--------------------------|--------------------|------------------|
| Financial Support from institution | Scholarships | 174 | 191290 |
| Financial Support from Other Sources | | | |
| a) National | Nil | Nill | 0 |
| b) International | Nil | Nill | 0 |

5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|---|-----------------------|-----------------------------|-------------------|
| NPTEL Courses | 06/06/2019 | 95 | NPTEL |

View File

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

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passedin the comp. exam | Number of studentsp placed |
|------|---------------------|--|--|---|----------------------------------|
| 2019 | UGC NET Coaching | 15 | 45 | 7 | 7 |

View File

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

| Total grievances received Number of griev | | Number of grievances redressed | Avg. number of days for grievance redressal |
|---|---|--------------------------------|---|
| | 1 | 1 | 1 |

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

| On cam | Off campus | | | | |
|--|---------------------------------------|---------------------------|------------------------------|---------------------------------------|---------------------------|
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed |
| LG,Malayala Manorama,Federal Bank, Hedge Equity,GST Centre | 60 | 20 | Infosys,TCS,Deloite | 7 | 3 |

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

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|------|--|-----------------------------|---------------------------|----------------------------|-------------------------------|
| 2019 | 255 | various | various | various | various |

View File

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

| Items | Number of students selected/ qualifying |
|-----------|---|
| NET | 15 |
| SET | 2 |
| Any Other | 1 |

View File

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

| Activity | Level | Number of Participants |
|---|-----------------------|---------------------------|
| Interschool Quiz Competition for K.P. Mathew Ever Rolling Trophy | State | 45 |
| Hockey Women Championship | MG University | 200 |
| Senior, Junior and Mini Net Ball Championship | Ernakulam District | 120 |

View File

5.3 - Student Participation and Activities

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

| Year | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|----------------------------|---------------------------|--------------------------------|----------------------------------|----------------------|---------------------|
| 2019 | Nil | Nill | Nill | Nill | Nill | Nill |

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

The following forums/clubs function in the College under the leadership of student committees, guided by the teachers, to enable curriculum enrichment: 1. Women's club 2. ED club 3. Drama club 4. Photography club 5. Media club 6. Quiz club 7. Debate club 8. Nature club 9. Youth Inspire club 10. Cine club 11. Folklore club. 12. Tourism club. The IQAC and RUSA committee has student representatives, making the process very inclusive. Similarly 1 student is given membership in the RUSA committee too. The SC/ST redressal Committee also has student representation on it. One girl student is given representation on the Girl Students redressal Committee. Two Student Representatives are in College Union Election redressal Committee.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

Every November, the second Saturday is celebrated as alumni day. The keynote address and memory retrospectives reflect the values the alumni imbibed from the institution, and which need to be passed on to the next generation. Every year the institution and all the Departments hold alumni meetings. The suggestions of the alumni contribute to the productive functioning of the College. Feedback from the alumni gives ample information regarding the strengths and weaknesses in the light of which improved facilities are made available to students.

5.4.2 - No. of enrolled Alumni:

12500

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

350000

5.4.4 - Meetings/activities organized by Alumni Association:

The second Saturday of November, every year is celebrated as Alumni day. However, for the convenience of the alumni in the Gulf a second alumni meet is held every year in the second week of July. The OSA Inter Collegiate Competitions for 'Prof. E Narayanan Nambiar Memorial Ever Rolling Trophy for Elocution' and Prof. A K Abdul Kareem Memorial Ever Rolling Trophy for Quiz are held in association with the November meet. The keynote address and retrospective memories shared on these days reflect the values the alumni imbibed from the institution, and which need to be passed on to the next generation. Every year the various Departments hold alumni meetings. The suggestions of the alumni contribute to the productive functioning of the College. Feedback from the alumni gives ample information regarding the strengths and weaknesses of the institution, in the light of which improved facilities are made available to students.

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

- 6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)
 - 1. 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.
 - 2. Establishment of Dean's Council consisting of Academic, Administrative and Student deans. 3. Participation of teachers in administrative functions like Bursarship (Finance Officer), Works Superintendent for regular maintenance of the college infrastructure facilities, Students' Hostel Wardenship
- 6.1.2 Does the institution have a Management Information System (MIS)?

Yes

6.2 - Strategy Development and Deployment

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|----------------------------|---|
| Examination and Evaluation | University and Internal examinations are coordinated under Chief Superintendent of examinations and Internal examination coordinator respectively. The College is a major centre of examinations for private registration candidates of M.G. University. Internal examination schedules are published well in advance at the beginning of |

| | the semester. 3. An open house is conducted by each department in every semester to discuss the students performance in academic and extracurricular activities. 4. Feed backs are collected from students and parents and essential remedial measures are taken. |
|---------------------------|--|
| Teaching and Learning | 1. The Institution's Teaching, Learning and Assessment strategies are continually reviewed, through internal examinations, assignments and student seminars/viva. 2. Conventional lecture methods along with ICT enabled teaching is practised by the faculty. 3. Greater student interactions is ensured through peer group learning, discussions and debates. 4.Field/Industrial/Institutional visits and extension activities are regularly carried out. 5. Mentoring, tutoring, counselling, remedial classes, are provided to students. 6. Scholarships and special support are provided for students with special needs. 7. Facilities are provided for students to make better use of virtual learning platforms like MOODLE, SWAYAM. The college has been recognised as an active local chapter for SWAYAM NPTEL portal since January 2019 8. Student exchange programmes serve as a platform for selected students to learn abroad. |
| Curriculum Development | Since the Institution is affiliated to M.G University, the curriculum and syllabi of the affiliated University have been adopted. 1. Faculty members are in the Board of Studies of various Universities and Autonomous Institutions. In PG board of studies, there were 2 chairpersons (Malayalam and Botany) and 7 members. In UG Board of studies, there were 6 members. Five faculty are members of Faculty Board for Social Sciences and Languages. One faculty is a member of PG Board of Studies of Sanskrit University, Kalady. 2. Faculty members are involved in course restructuring and revision committees constituted by the Mahatma Gandhi University, thereby enabling the faculty to contribute towards the curriculum development, even within the affiliation system. 3. 85 percent of the faculty are active members of different universities and autonomous colleges to frame questions papers and evaluate examination scripts. 4. Encouragement is given to faculty members to take up projects, publish research works, organise and participate in seminars/workshops to keep abreast of emerging frontiers of knowledge and the timely deputation of faculty to attend such programmes and courses has greatly impacted the quality of the faculty and their contribution towards curriculum development. Curriculum revision workshop for PG |

| | History was facilitated by the department of History in the college in January 2019. |
|--|---|
| Admission of Students | 1. Admissions of students are done as per MG University norms. 2. Admission process is carried out by MG University under the single window system. 3. 40 of the seats are allotted on merit basis, 20 seats are allotted to SC/ST students, 20 seats are allotted on community merit and the rest 20 seats are allotted to students recommended by the management. 4. Management quota appointment is done purely based on merit. |
| Industry Interaction / Collaboration | Annual industrial visits are organized for Science students. 2. Final year U.G. P.G. Students undergo internship programmes/ field works with industry/institutions in their respective subjects. Ms Swetha and Ms Sharanya were selected for DBT Bio tech industrial training programme implemented by Ministry of Science and Technology, |
| Human Resource Management | 1. Faculty members are encouraged to attend refresher courses/faculty development programmes to update their knowledge in the respective subjects. 2. Career and Counselling Cell coordinates placement activities of the students. 1285 final year students registered for internal awareness sessions organised by the Placement Cell of the college. 3. Orientation classes are organized for U.G. P.G. students on soft skill development. 4) The great floods of 2018 witnessed the active participation of faculty and students in the rehabilitation of the flood victims. College acted as the largest camp in the state. Lectures were provided by the department of Psychology for trauma management. 5) INSPIRE an orientation program was initiated by the college to inculcate an academic culture among the first year students utilising their free hours 6) Value education program are undertaken to ensure whole person development of the students |
| Library, ICT and Physical Infrastructure / Instrumentation | 1. The Institution has a well furnished library with access to more than 6000 online journals and 30 lakh ebooks through the NLIST consortium. 2. The library development committee is in charge of the all the policy decisions regarding the development of library. 3. An orientation on effective use of library resources is given to the new comers, both staff and students on a regular basis. 4. The library provides access to online resources like INFLIBNET, Science Direct etc. 5. Audio Book for Visually Challenged Students |

30 of 39

| | Research Projects Number Cost: 4 projects Rs.108.65 Lakhs. Publications |
|--------------|---|
| Research and | Number: Fifty five in Journals and twenty one in books. Extension |
| Development | Programmes Numbers: 1 9 research students were awarded Ph.D from research |
| | departments. Student paper Presentation in Seminars |

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

| E-governace area | Details |
|-------------------------------------|--|
| Administration | 1. Office Management Software to support the admission procedure the college. It also has a data bank of students and faculty. 2. Quality improvement strategies adopted by the institution for each of the following: 2.1 Internal exam and exam management portal: 2.3 Monthly and semester wise attendance reports, A and B internal forms of U.G. (mark based) and P.G. (grade based), the progress report (single semester and cumulative), students report with details etc could be generated by the software |
| Student Admission and Support | As the college is affiliated to Mahatma Gandhi University, the admissions are done by the Centralised Admission Procedure of the University. 20 of the management quota admissions are done by the college directly on merit basis |
| Examination | Centralised examinations of Mahatma Gandhi University are carried out by the college. The college facilitates the conduct of examinations of private registered students. Internal exams are conducted periodically. |

6.3 - Faculty Empowerment Strategies

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

| Year | Year Name of Name of conference/ workshop attended for Which financial support provided | | Name of the professional body for which membership fee is provided | Amount of support |
|------|---|-----|--|-------------------|
| 2020 | Nil | Nil | NIL | Nill |
| 2019 | Nil | Nil | Nil | Nill |

View File

6.3.2 - Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|--|---|------------|------------|---|---|
| 2019 | Orientatio n Programme for Teaching staff | Nil | 06/07/2019 | 06/07/2019 | 120 | Nill |
| 2020 | Nil | Training on office automation and KSR | 10/08/2019 | 10/08/2019 | 2 | 36 |

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

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|------------|------------|----------|
| Orientation programme | 1 | 10/10/2019 | 30/10/2019 | 21 |
| Refresher Course | 1 | 09/12/2019 | 21/12/2019 | 13 |

View File

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

| Teachi | ng | Non-teaching | | |
|-----------|-----------|---------------------|------|--|
| Permanent | Full Time | Permanent Full Time | | |
| Nill | Nill | Nill | Nill | |

6.3.5 - Welfare schemes for

| Teaching | Non-teaching | Students |
|--|--|--|
| Employees Credit Cooperative Society, Creche | Employees Credit Cooperative Society, Creche | College Cooperative Society, Basic LIfe Skill Services College Counselling Centre, Career Guidance and Placement Cell, AntiRagging Cell, Grievance Redressel Cell |

6.4 - Financial Management and Resource Mobilization

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

Internal Audit done by reputed Chartered Accountants (Varma Varma Associates, Thrissur).

External Audit done by Government agencies

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

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|-------------------------------------|
| Management/Nongovernment funding agencies/Individuals | 1550950 | Students Scholarsips and Endowments |

View File

6.4.3 - Total corpus fund generated

50105055.00

6.5 - Internal Quality Assurance System

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

| Audit Type | External | | | Internal | | |
|----------------|--|----------------------------|--------|--|--|--|
| | Yes/No | Agency | Yes/No | Authority | | |
| Academic | Yes Professors from Cochin University of Science and Technology (CUSAT), Mahatma Gandhi University and FISAT | | Yes | Senior Faculty Members and Principal | | |
| Administrative | Yes | Kerala Government Agencies | Yes | Verma and Verma Associates, Chartered Accountants, Trichur | | |

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

Financial Assistance for rebuilding/renovation of houses of flood affected staff/students.

Mobile phones with NET, Books and stationary were provided to flood affected students.

Financial Support for College Union and Club Activities Financial Support to all departments for conduct of seminars and workshops.

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

The College Management and the IQAC arranges annually professional development programmes like office automation and training programmes inside and outside the college for the non teaching staff. Orientation Programmes were arranged for Teachers and Non teaching staff.

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

The application for Autonomous status is still under process by UGC Teachers ere encouraged to pursue PhD and Research Projects were applied. ICT enabled class rooms were added to the existing facility. B.Voc courses were applied by 5 Departments.

6.5.5 - Internal Quality Assurance System Details

| a) Submission of Data for AISHE portal | | |
|--|--|--|
| b)Participation in NIRF | | |
| c)ISO certification | | |
| d)NBA or any other quality audit | | |

6.5.6 - Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|--|-------------------------|------------------|-------------|------------------------|
| 2019 | Teachers Orientation | 28/06/2019 | 28/06/2019 | 28/06/2019 | 92 |
| 2019 | Departmental Perspectives and Future Plans | 05/07/2019 | 05/07/2019 | 05/07/2019 | 78 |

View File

CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Part | cicipants |
|-------------------------|-------------|------------|----------------|-----------|
| | | | Female | Male |
| Gender in Everyday Life | 14/12/2019 | 14/12/2019 | 42 | 6 |

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

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

Every year, the College consumes approximately 250,000 units of electricity (average monthly consumption of 20,800) at a cost of approximately 24 lakhs/ p.a. The College, a not for profit educational institution running with the support of benevolent donors, finds it very difficult to raise that much amount for recurring expenses. Being the only means to reduce the dependence on conventional energy, the two way strategy was adopted by the college aiming at the rational use of power by educating the staff and students, and harness on the alternate sources of energy. Hence the college has proposed generation of ecologically sustainable and clean source of renewable energy within the capacity of the college. Now the college has initiated works to generate solar energy by installing rooftop solar PV plant using the land/ buildings under the control of the college. The college will generate 60KW of power. The project implemented with the financial support of South Indian Bank (under its CSR allocation) will transmit generated power to the grid of Kerala State Electricity Board. The project with an outlay of Rs. 49.5 Lakhs was materialized by December 2019.

7.1.3 - Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|----------------------------|--------|-------------------------|
| Physical facilities | Yes | 14 |
| Ramp/Rails | Yes | 14 |
| Rest Rooms | Yes | 14 |
| Scribes for examination | Yes | 24 |
| Any other similar facility | Yes | 20 |

7.1.4 - Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|--|--|------------|----------|------------------------|---------------------|--|
| 2019 | 1 | 1 | 14/12/2019 | 3 | Blood Donation Camp | Blood Donation | 45 |
| 2020 | 1 | 1 | 17/02/2020 | 5 | Eco-friendly products' | exhibition | 60 |

| | | exhibition `Koodu | |
|--|--|----------------------|--|
| | | Bhoomikkai | |
| | | Nalekkai | |

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

| Title | Date of publication | Follow up(max 100 words) | | | |
|---|---------------------|---|--|--|--|
| Union Christian College Handbook and Calender for 2019-20 | 29/07/2019 | The College follow the Mahatma Gandhi University code of conduct for students and UGC code of conduct for teaching Staff. Besides College has published special rules in Calendar and Handbook. | | | |

7.1.6 - Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|-------------------------|---------------|-------------|------------------------|
| Tree/Vegetable Planting | 28/08/2019 | 28/08/2019 | 120 |

View File

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

1.Plastic free campus 2.Litter free campus 3.Nature Club activities and awareness programmes 4.Green campus Clean Campus initiative 5.Environmental/Green Audit, e waste recycling, Vermicomposting

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

1. Title: Promotion of students' research and publications Goals: a. To familiarize undergraduate and postgraduate students with the scholarly activities b. To encourage them to pursue their academic projects with seriousness c. To familiarize them with the standards of publications, academic writing etc. d. To make them aware of publication channels e. To help students to network with peers and other scholars of the respective fields Context While reflecting on the academic experiences during the previous assessment period, the faculty of the college came to know that if promoted, students will excel in

research and subsequent presentations publications. Hence, it was decided to inculcate research aptitude among students both undergraduate and postgraduate to pursue small scale research, and present their findings in conferences for wider discussion. The Practice: As an initiative, four departments (Economics, Malayalam, Physics, and Psychology) actively promoted this practice among both undergraduate and postgraduate students. Several students responded to this initiative call of the departments and pursued their academic projects with specific scope. When conferences/ seminars were announced, teachers and college librarian provided necessary guidelines in preparing presentations and articles as per the formats prescribed by organizers. Science Departments Viz Botany, Zoology, Chemistry, Physics and Biosciences Departments received 68 lakh rupees under DBT Star Scheme. The Fund is being utilized for Equipping labs, for conducting seminars, workshops and training and for the purchase of chemicals and glassware's for the labs. Evidence of success: Demonstration practical's for UG final years students will be conducted. The practice will be further popularized and strengthened in the next year by conducting a workshop on research methodologies, and inviting participation from more departments. Problems encountered a. Lack of sufficient time to conduct research and then to prepare articles due to the tight class schedule. 2. Title: Bhoomi Malayalam Goals: a. To provide a space for scholarly discourses b. To address those themes pertaining to cultural studies, literature, and linguistics which require special attention c. To examine and appreciate different viewpoints and perspectives d. To encourage research among students, research scholars and faculty. e.To encourage academicians to publish their findings Context: The department of Malayalam has been very active in promoting discussions, research, etc. in topics related to the marginalized issues of Cultural studies, Malayalam Language, and Literature. Ever since the inception of the undergraduate program they have conducted seminars, conferences, workshops etc for the benefit of students. In the past, many such programs were appreciated by the college community, and had impact on students' learning. However, such programs were not properly documented or archived. Hence, the department embarked on organizing programs systematically, and subsequently archive/publish the documents presented in such programs. The Practice: Since 2007, every year the department selects a key theme for discussions and subsequent seminars in that year, and at the end of the year publishes the documents presented in the series of seminars in the form of a journal called 'Bhoomi Malayalam'. The outcome is that a key theme which requiring academic attention will be examined in detail by scholars from various perspectives, and papers will be brought out for wider circulation and readership. Besides, the practice promotes academic writing among the students of the college. Evidence of success: The department has been publishing the journal since 20 and contents of many of them are followed by students as a supplement to the prescribed textbooks of

Mahatma Gandhi University for undergraduate and postgraduate courses. Problems encountered

No significant problems encountered

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

https://iqac.uccollege.edu.in/documents/

7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1) It is the vision of the college to serve the nation by facilitating socially relevant education to actualize the values of humanism. In providing such education, the college believe that economic status, gender or religious beliefs should not be a hindrance for students. As many of the college are first generation learners belong to the rural communities, financial support is essential to keep them pursue their education. More than the informal assistance offered by faculty members to the needy ones, the college has been successful in providing several scholarships to the economically weaker but meritorious students (Merit cum Means) with the help of philanthropists, retired faculty members, and alumni. 2) During the pandemic situation the college helped the local community with various facilities. The college was the FLTC (First Line Treatment Centre) for covid-19 patients. The Indoor stadium was turned in to 200 Bed Makeshift Hospital under Aluva Municipality and nearby panchayats Karumalloor and Kadungalloor. The Alumni association and College management helped the needy students for providing them Mobile phones and net connectivity's. The NSS and NCC provided food and other basic facilities to the local community during the initial lock down time.

Provide the weblink of the institution

https://www.uccollege.edu.in

8. Future Plans of Actions for Next Academic Year

• To organize Orientation programmes for students and teachers on the post covid-19 scenario. • To equip teachers to use online platforms and other online resources for the conduct of online classes. • To organize workshops and seminars on quality related themes based on the criteria to be followed as envisaged by NAAC. • To organize activities and events for teaching and non-teaching staff for skill enhancement . • To facilitate career paths and competencies for students. • To compile feedback responses from students, parents

and other stakeholders. • To develop a standardized format for all the departments for the submission of the monthly data required for AQAR • In Teaching and learning process, we hope to implement the Outcome Based Education System and use the Moodle platform. • For research publications, we hope to give more attention to h-index and citation index. • As part of the development of Infrastructure, a new annex to academic block will be finished by the end of this year, with the help of RUSA funding. • The College website to be upgraded. • To continue with Infrastructure Audit • To conduct Administrative and Academic Audit • To conduct Green Audit • To complete and upload AQAR within the stipulated time.