



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1. Name of the Institution

Maharaja's College

- Name of the Head of the institution **Dr. V. S. Joy**
- Designation **Special Grade Principal**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **9447682482**
- Alternate phone No. **04842352838-**
- Mobile No. (Principal) **9447682482**
- Registered e-mail ID (Principal) **principal@maharajas.ac.in**
- Address **Park Avenue, Ernakulam, 682011**
- City/Town **Ernakulam**
- State/UT **Kerala**
- Pin Code **682011**

2. Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **02/02/2015**
- Type of Institution **Co-education**

- Location **Urban**

- Financial Status **UGC 2f and 12(B)**
- Name of the IQAC Co-ordinator/Director **Dr. Jaya S**
- Phone No. **9447831106**
- Mobile No: **9447831106**
- IQAC e-mail ID **iqac@maharajas.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://maharajas.ac.in/index.php/content/index/aqar>

4.Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://maharajas.ac.in/index.php/content/index/academic-schedule>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Three Star	Nil	2000	22/01/2000	22/01/2005
Cycle 2	A	86.40	2006	21/05/2006	21/05/2011
Cycle 3	A	3.11	2013	23/03/2013	31/12/2019
Cycle 4	A	3.11	2021	01/03/2021	28/02/2026

6.Date of Establishment of IQAC **03/07/2000**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Maharaja's College, Ernakulam	CPE	UGC	18/03/2010	10000
maharaja's College Ernakulam	Autonomy	UGC	02/02/2015	Nil

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9. No. of IQAC meetings held during the year 13

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

PG syllabus revision(outcome-based) has been carried out and internship is made compulsory for all PG programmes from 2022.

In view of strengthening research, IQAC, in association with the research advisory committee, successfully conducted research orientation programmes.

Fund sanctioned from Govt for sports infrastructure facilities- relaying of the synthetic track, synthetic hockey turf project, etc

Carried out the student satisfaction survey and analyzed the feedback from students

Bridge courses were offered to bridge the gap that arose in the required proficiency due to the pandemic situation. Remedial classes were also conducted to reduce the harmful effect of this situation

The College made a significant jump from rank 92 last year to 60 in the NIRF ranking

12. Plan of action chalked out by IQAC at 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
PG syllabus Revision	The board of studies in each department successfully carried out the PG syllabus revision and got approval from the affiliated university.
Outcome based syllabus	The decision of the academic council to frame the new PG syllabus as an outcome based one has successfully carried out by all departments. The Academic Council in association with IQAC organized webinars and seminars on the topic outcome based education. these webinars and seminars turned out helpful in framing of the new syllabus
Compulsory Internship	As part of the syllabus revision internship is made compulsory for all PG students from 2022 admission onwards.
Introduction of new Courses	50 new courses were introduced.
Syllabus revision incorporating Feed back of stake holders.	IQAC collected feedback from all stake holders analysed it and incorporated the valuable suggestions in syllabus restructuring.
Increase in UG and PG enrollment	During the academic year, the college has increased the enrollment in both UG and PG programmes, strictly following the reservation criteria put forward by the Kerala Government.
Increasing the learning level of students and introduction of student centric methods	All the departments conducted remedial classes and bridge courses to increase the learning level of the students and thereby increase the pass percentage and analysed the effectiveness of these classes.

	Various student-centric methods were introduced to boost the interest of students in the respective subject.
effective use of ICT tools	IQAC organized training programmes on the effective use of ICT tools.
Strengthen Mentor Mentee system	A separate register was provided to all faculty members to record the activities of the mentor and it is frequently analysed by the academic monitoring Committee.
student Satisfaction survey	IQAC conducted SSS of the academic year analysed the survey feedback and discussed in various councils and committees.
Special attention on research innovation ecosystem	Maharaja's College, Ernakulam conducted a research orientation program through a series of webinars to facilitate faculty members and research scholars in enhancing their research skills and publishing in quality journals. The webinars featured distinguished speakers such as Dr. Sitanshu Sekhar Das, Rajagiri Business School; Dr. Reinhart Philip, Central University of Kerala; Dr. Vineeth K M, Government College Tripunithura; Mr. Shihab I, University of Kerala and Mr. Jasimudeen, St. Stephen's College who shared their expertise on various topics. Additionally, research scholars from various departments conducted seminars on publication ethics and research methodology through online platforms. These seminars aimed to provide additional insights and guidance to the

	<p>participants. In the academic year 2021-22, the Entrepreneurship Development Club organized online programs that attracted around 250 students. These programs aimed to raise awareness about entrepreneurship and equip students with the necessary skills and knowledge to succeed in the field. The Entrepreneurship Development Club has proven to be a valuable initiative in nurturing the next generation of entrepreneurs and innovators. Overall, these initiatives by Maharaja's College have played a significant role in promoting research excellence, publishing, and entrepreneurship among faculty members, research scholars, and students.</p>
<p>Increase the number of collaborative activities and MoUs</p>	<p>All the measures were taken to increase collaborative activities and MoUs with other institutions.</p>
<p>Development of infrastructure facilities</p>	<p>The Govt sanctioned funds for relaying of synthetic track and the construction of synthetic hokey turf etc. The interior works of the new library are in progress. The construction of the new hostel building and auditorium are nearing completion. Discussion on the setting up of a multimedia room for the college is progressing</p>
<p>Increase the number of Scholarships, soft skill training programmes, coaching for compatetive exams</p>	<p>All efforts to increase the scholarship for students was taken by IQAC. various training programmes were organised for students. The majority of the departments conducted coaching</p>

	<p>classes for competitive exams and many students qualified.</p>
<p>Alumni portal for Maharajas College.</p>	<p>The college has a strong alumni support. The discussion on setting up of a new portal for old students is in progress.</p>
<p>Organise placement drive</p>	<p>The college organised placement drives. IQAC discussed different options to increase placement and worked out a plan and it is in its initial stage.</p>
<p>Encouragement for students in the field of sports</p>	<p>All efforts were taken for the encouragement of sports persons. The Govt also supported the initiative of the college by sanctioning fund for sports infrastructure development. As a result, our students performed well in inter-university and national-level competitions.</p>
<p>Improvement of leadership quality and social awareness of students</p>	<p>There was an active student council during the year. Students were part of all the important committees and cells. The student council actively participated in all the activities of the college and they organized outreach programmes. The union activity report is the evidence of the involvement of students in all the activities in and out of the college.</p>
<p>Professional Development of Faculty members and non teaching staff</p>	<p>IQAC conducted various training programmes that will help in the professional development of faculty members. Encouraged faculty members and office staff to attend training programmes. Encouraged faculty members for applying for research project and writing research articles</p>

<p>Inclusive environment in the Campus</p>	<p>An outstanding feature of our college is its diversity - different cultures, religions, regions, sexual orientations, socioeconomic status, and abilities come together at Maharaja's College. Programmes like Onam, Christmas, Diwali, Holi, Merit-Day, Alumni meet, farewell, Fresher's Day, Orientation and induction programme creates a single platform and cultivates an inclusive environment. The students engage in planning, media management and execution, while they initiate programmes and every member of the campus forgets disparities and is in harmony with only one goal - the successful outcome of the programme.</p>
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13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
College Council	29/07/2023

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A

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13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
College Council	29/07/2023
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
2021-22	15/02/2023

15. Multidisciplinary / interdisciplinary

With twenty departments, the institution has inherent potential for multidisciplinary and holistic approach to academic programmes. Further steps are being taken in the direction. To realize this potential, the institution proposes to fuse diverse streams of knowledge, epistemological strains and cognitive practices into a whole, which can be grafted onto any or all of the existing programmes as the situation demands. Given that the institution has 60 programmes at the undergraduate, postgraduate and research levels offered by the aforesaid departments, the exercise is sure to prove productive and paying. Through this exercise, the institution seeks to attain a holistic and multidisciplinary sensibility. The institution as of now offers statistical methods/tools in economics (model I), economics (honours) and commerce at the undergraduate level. M.A. economics too has a heavy component of statistics. More subjects such as political science and linguistics can greatly benefit by integrating these in analysing and quantifying information. The department of chemistry offers a complementary course (both theory and practical) in five-year integrated program in archaeology; this equips students to ascertain the historical age of artefacts and monuments through carbon dating. The College has initiated discussions through BoS meetings on how to optimize resources: the plan is to ensure a healthy and academically informed exchange of tools, techniques

and conceptual categories between disciplines so that the institution can achieve an exemplary degree of integrated academic sensibility. The institution offers undergraduate programme in environmental chemistry. Moreover, each undergraduate programme has a mandatory course on environmental issues. All programmes are credit-based, though flexibility needs to be stretched in order to accommodate all the requirements envisaged in NEP. Extension activities and outreach programmes carried out by various departments and organizations like the NSS, the NCC and clubs serve greater community. The government of Kerala has evolved a blueprint for the implementation of the NEP and the college fully adheres to it. In it students have exit-option in the 3rd year with a capstone course. On successfully completing 4th year, which is mainly focussed on research and knowledge production, the student receives an honours degree. The proposed programmes include multidisciplinary, eligibility enhancement and skill enhancement courses which are multidisciplinary in orientation. The College is alert to the changing concerns, issues, demands and challenges of the society. On the basis of such inputs, the College defines its curricula and frames its syllabi which are inherently dynamic. The Department of Chemistry, for example, in order to overcome the shortage of sanitizer during the outbreak of COVID 19, produced and distributed it on a non-profit basis. The College also has a water analysis facility which is accessible to the public. The College has an Interdisciplinary Forum comprising members from all departments. Periodic meetings, brainstorming sessions, and programmes which have a niche character in that they cater for the academic sensibilities and aspirations of a select group. With the introduction of NEP,

the Forum as well as the ideas it stands for is expected to receive a new impetus.

16.Academic bank of credits (ABC):

The College already conducts registration of candidates, distribution of hall tickets and publication of results through its comprehensive website; by adding a module to it, Academic Bank of Credits can be created. The College is yet to register under the ABC; discussions to reach a consensus and related efforts are underway. As an autonomous college the teachers of the institution, by definition, have been engaged in the preparation of curricula and syllabi since 2015. Teachers are members of the intramural Boards of Studies and many serve in various capacities in other autonomous colleges. By analysing the feedback of stakeholders and through hands on experience, teachers are familiar with the mechanics of and possibilities/ challenges in designing curricula and framing syllabi. A number of departments have prepared (written, compiled or edited) textbooks as print or softcopies in the last few years. The institution has an automated and fully transparent system to conduct examinations. All data relating to students and examinations are stored and are retrievable. The institution plans to customise the present system to form ABC, through which required information of a given student can be generated, and transferred when necessary.

17.Skill development:

Undergraduate programmes in instrumentation and environmental chemistry are vocational. They are offered and organized by the departments of physics and chemistry respectively. Thus their fundamentals are strong and remain close to mainstream education. They have the same

structure as other programmes. In this way students face no troubles in pursuing higher education. Add-on courses offered by individual departments are also vocational in sensibility. Common English has courses in contemporary issues, science, political values, syncretic sensibility and scientific approach. Environmental Issues, which is mandatory in all disciplines, also contributes in creating a heightened awareness of environment, ecology and the delicate coexistence that human beings have with nature. At the doctoral research level, there is a whole course on ethics. The College has started serious discussions in such a way that each department shall offer two vocational programmes for undergraduate students. Each departments has proposed to offer three vocational courses so that students get a wide variety to choose from. Every Board of Studies has representation from industry which is allied to the discipline concerned in the closest and most productive fashion. They update the college on the changing needs of the industry/market and offer talks on how best to marshal existing resources in such directions. Alumni and alumnae of the college, who have scaled heights in multiple fields, have always been willing to share their experience and expertise so as to the benefit of the present student population. Open and Distance Learning (ODL) is now possible through MOODLE in which teachers post videos and learning resources. The College is also a study centre of Sree Narayana Guru Open University. These activities are organized/supervised by a teacher of the College. The College is preparing an elaborate policy on how to enter into a

collaboration with National Skill Development Corporation. Spadework has been completed and the process of identifying specific areas, strengths and weaknesses is underway. As part of NEP 2020, the institution is gearing up to offer skilling courses in a phased manner. All the departments have submitted blueprints of skilling courses, and the college is equipped to offer the same online, subject to the general policy of the Government of Kerala in the matter.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The College plans to use translation—both of knowledge, media and works—as the tool to train the faculty members in bilingual classroom transactions in association with Kerala State Higher Education Council. Sanskrit, Hindi, Malayalam and Arabic are offered at the undergraduate, postgraduate and research levels. At the undergraduate level a students has the right to choose any of these languages as part of common course. The departments of philosophy and Sanskrit offer Indian knowledge systems as full-fledged courses at undergraduate and postgraduate levels. Programmes in Hindi, Malayalam and English have components such as Indian aesthetics, literature and criticism as well as Indian traditions of phenomenology and hermeneutics. Disciplines of economics and history impart information on how Indian knowledge systems conceived of wealth, time and recording of events. The department of music offers Indian classical music—both vocal and instrumental—at all levels. Given the rich tradition that Indians have in producing knowledge and evolving systems of thought, almost all disciplines have the possibility to offer a course or a few modules on the

area.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The Institution has prepared its curricula and syllabi in such a way that the students, on successfully completing a programme, gains the attributed as envisaged in OBE. The entire exercise is broadly animated by Bloom's Taxonomy: thus the syllabi and examination questions are based on the phases of memory (remember), grasping (understand), application (make sense of phenomena with what is learned), analysis (breaking up of a problem into manageable components and examining), evaluation (critique and assess) and creation (production of new knowledge). Program specific and course specific objectives are also designed along the same lines. The objectives of English Common Course, thus, are a) to introduce the student to the essential structures of reading, writing, speaking and listening, b) to expose the student to literature with special focus on social sensibility, c) to discuss the ways in which media structure social reality and apparatuses for perception, d) to update the student on the current equations of power, politics and other nuanced aspects of social formation, e) to sensitize the student to economic, ecological and gender issues which play a crucial role in deciding the composition of the world and f) to help the student community the skills which are decisive in getting a job and sustaining it.

20.Distance education/online education:

The Institution has regular and ad-hoc teachers with a variety of specializations and many of them have prepared video lectures for immediate classroom purposes and for the greater community. Attempts are being made

to render them available them in the public domain through the institutional website and/or MOODLE.

Teachers widely use projectors and computers in classroom transactions. During the COVID 19 shutdown, learning was mainly online and after the resumption of face-to-face sessions, it has remained blended. The teacher delivers lectures in the classroom and students intervene in real time; some students, who are either unavailable or unprepared for immediate responses, interact with teachers at a later point scheduled. Other students also take place in the process. Teachers depend on the institutional MOODLE or other platforms like Google Meet so that retrievable records of all activities are automatically generated and preserved. It is the policy of the institution to promote blended learning as it ensures the timely completion of portion and provides the student the opportunity to go through the materials at his/her convenience. The College is considerably enlarging its web space so that more and more videos (and similar study materials) can be made available in the future.

Extended Profile

1.Programme

1.1 43

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3000

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

952

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

5753

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

1179

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

179

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 43

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 3000

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 952

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 5753

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 1179

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 179

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	182	
Number of sanctioned posts for the year:		
4.Institution		
4.1	436	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	174	
Total number of Classrooms and Seminar halls		
4.3	391	
Total number of computers on campus for academic purposes		
4.4	696.53077	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Maharaja's College has always been the forerunner in the higher education segment in the country, offering courses that accommodate the prerequisites of the society, industry and the nation. The objectives of the curriculum support the all-round development of the students with a focus on endorsing value-added education, competency in communication skills, skill development, women empowerment, gender sensitization, personality development, environment protection and leadership qualities. The programme outcomes, program-specific outcomes,

and course outcomes have been framed to be in alignment with local, regional, national, and global demands. The postgraduate programmes are enriched with a rigorous curriculum and thorough training for cutting edge research.

The institution has carefully integrated courses which have content on gender studies, feminist literature, feminism, literature and ecology, eco-feminism, environmental chemistry, queer literature, Dalit studies, economy, state, society and physio economics, economic history of modern India, human rights, taxation, business environment and strategic management, women studies, development and environmental economics, analytical chemistry and nuclear and particle physics. The courses in science and social science departments of the college inculcate scientific temper and critical and creative thinking in the students. Internship was introduced as a mandatory component to the curriculum revision for all the postgraduate programmes.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://maharajas.ac.in/index.php/content/index/academic-home

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

22

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

624

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

50

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

43

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curricula for all the programmes has been designed to offer

students with a comprehensive and enriching education. The curricula encompass a variety of topics, including academic comprehension, expertise of basic skills, scientific temperament, personality development, women empowerment, gender sensitization, environmental consciousness, global exposure, comprehension of human rights, as well as social and ethical values.

Environmental Studies and Human Rights is included as mandatory in the curriculum of undergraduate programmes. Through courses like "Major World Religions" and "Philosophy of Religions," which are supplemented by numerous courses on "History of Classical Literature," "Gandhian Philosophy," and "Travel Literature," students gain a global and national perspective of a secular world. The curricula are also enriched with courses pertaining to the cross-cutting issues related to gender. Many courses include in the curriculum instil knowledge and thought on the environment, sustainability, human values, and professional ethics.

The value-added courses, electives, and common courses are dedicated to improving students' employment chances and life skills. The common course designed for second-year undergraduate students, prepares pupils to meet the needs of the job market. Internships and numerous field projects in many departments are included in the curricula, ensuring that students are familiar with the abilities required of them.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

111

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

908

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://maharajas.ac.in/index.php/content/index/feedback-igac
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	https://maharajas.ac.in/index.php/content/index/feedback-igac
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1279

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

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

436 (SC-168, ST-31, OBC-214, Divyangjan -23)

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners. The institution has devised a system to identify advanced and slow learners and thereafter the institution takes special care in addressing the diverse needs of the learners. Following the admission process special programmes like orientation/induction programme, freshers day programme and department level bridge courses are conducted to identify the advanced and slow learners. This process is being complimented by entry-level tests and internal as well as external examinations. The students who exhibit an exceptional flair for academic progress and genuine research are identified as advanced learners.

The college, under the supervision of IQAC, caters to both advanced and slow learners by several measures like orientation programmes for newly joined students, counselling support to students to tide over difficulties regarding personal as well academic matters, motivational lectures by distinguished personalities, enrichment lecture series, collaborative research projects, internship opportunities, library resources, coaching for entry into services, placement cell activities, language lab facilities and augmenting the opportunity for students to explore prospects of entrepreneurship.

Programmes for slow learners include:

Tutorials, Remedial Classes, Special Classes for failed students, Bridge courses, Scholar Support Programme, Mentoring Programmes and Training programmes with special emphasis on soft skill.

Programmes for advanced learners:

Walk with a Scholar, Additional Skill Acquisition Programme,

Career advancement Programmes, Encouraging students to involve in Research Projects and participation/ presentation of research papers in seminars, conferences and workshops.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/03/2022	3000	179(Ratio:17:1)

File Description	Documents
Upload any additional information	No File Uploaded

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:

Experiential learning :The institution as a whole focuses on field-based experiences along with learning in classrooms to promote the experiential learning aspects. Field-based learning includes exhibitions, industry/campus visits and visits to Press and Manuscript libraries. Classroom based experiential learning take a multitude of forms, that includes role-play, case studies, peer teaching and various types of group work .Industry visits/campus visits help in bridging the gap between theoretical learning and practical knowledge.

Participatory learning: Activities like group discussions, debates, role plays, news analysis, subject oriented quizzes, case studies, and seminar presentations are promoted by the institution to engage students in participatory learning. ICTenabled teaching, e-resources, power point presentations, online quizzes, video clips, virtual labs are some technologies driven strategies used in the classroom to encourage participative learning. Interaction with renowned writers, musicians, historians, eminent professors expands the world view of students.

Problem solving methods: Brain storming is a strategy used in the classroom to encourage students to come up with thoughts which might lead to a creative solution to the problem raised. Case study is another problem solving method used by the institution which involves the application of theory or concept to real life situations. The surveys conducted as part of live projects/internships also help students to learn problem solving techniques.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Teachers of the institution use different e-learning platforms and tools for effective teaching learning process which has transformed conventional knowledge transaction system into ICT enabled teaching and learning. A significant number of class rooms in the college are ICT enabled smart class rooms. Teachers are using various online resources and repositories like Inflibnet, Science Direct, Research Gate, Google Scholar, Academia.edu, Open Access Journals, WIKI Books, The World Bank Data, SSOAR, TED video resources, etc.

Institution has an e-learning platform such as Moodle, which enabled the teachers to share their e-resources with students. Teachers are also using Google meet and Zoom platform for conducting online classes. Computerised college library provide access to various e resources and OPAC. Institutional repository comprises of publications of teachers, lecture notes, presentations, e-books, digital rare books collection, and audiobooks.

Teachers and students are encouraged to attend MOOC courses offered through different platforms like Swayam and NPTEL. High-speed wireless internet connectivity allows students and teachers to access unlimited internet.

Teachers and students are increasingly using various online tools like Geogebra, Matlab, Latex, VSDC free video editor,

Presentationtube, Canva, PODCasting etc. Grammarly, Quizizz.com, Cambridge English Write and Improve are some of the tools used by teachers for evaluation and assessment.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.duk.ac.in/digital_maharajas/login/index.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

179

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Maharajas Government Autonomous College, Ernakulam prepares the academic calendar for the college at the beginning of each academic year and print it in the Handbook & Calendar given to the students and the teachers and displays it on the college website. It conforms to the norms and the calendar prepared by the University for each academic year. It contains information regarding the dates of opening of the academic year, internal examinations, union election, dates of end-semester examinations, closing of the college for holidays and semester breaks. The academic calendar is prepared after the following steps:

The College Council, the IQAC and the Controller of Examinations organize a meeting before the commencement of the academic year to draft an action plan for that academic year. The Schedules for the BOS, Academic Council and Governing Council meetings, time bound conducting of examinations etc. are also planned and strictly adhered to. The academic, co-curricular and extra-

curricular activities for each academic year are also planned well in advance.

Apart from the academic calendar and the teaching plans, the college prepares the following:

- Action plan at the beginning of each academic year, which is presented at the general body meeting on the opening day of each academic year.
- The General Time table is prepared meticulously and approved by the Principal and the college council.
- Examination schedule both for In-Semester Examination and End-Semester Examination
- Evaluation blue prints
- Teacher's Diary
- Class Log
- Monitoring the progress by Academic Monitoring Committee

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

179

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

112

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1273/179 = 7 (Avg years of experience)

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

UG-7, PG-0

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

Number of students' complaints 279 number appeared 6656

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Examination Reforms&Processes integrating IT

1. Campus suite is a software developed by the college in collaboration with NIC (National Informatics Centre) to ensure transparency and promptness in the examination process.
2. The notification for online registration for the end semester examination is published one month before the date of commencement of examinations.
3. The students are given the provision to apply for the examinations online after remitting the registration fee online.
4. The time table for the examinations is published on the website one month prior to the date of commencement of examinations.
5. Hall ticket generation is computerized and students can download their hall ticket three days before the examination.
6. Online generation of results, tabulation register and other documents and forms are methodically accomplished.

Continuous Internal Assessment

- Each department calculates internal marks considering four mandatory components - seminar, assignments, attendance (for UG only), and test papers.
- The BoS at department level ensures the quality and suitability of question papers before every internal examination.
- The College ensures the publication of the attendance percentage of the students at the department level.
- Each department arranges PT meeting to brief parents about their ward's performance and attendance.
- The examination committee prepares the schedule of the examination

in advance and publishes it on the college notice board and website.

- The teacher evaluates the answersheets within the scheduled time and return the answersheet to the students with feedback regarding the same.
- Department publishes the final internal mark ten days before the date of end semester examination.
- Grievance Redressal Committee is constituted to address the grievances regarding the conduct of internal exams.
- There exists a College Grievance Redressal Committee at the higher level to hear the appeals of students.
- Final internal marks of the students are uploaded to the Controller of Examinations by the tutors through staff login portal.
- Students who have failed in the internal assessment can appear for internal re-do with their immediate junior batch.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The courses are designed in compliance with the stipulations of the UGC and the HEC of Kerala. The programmes aim to facilitate the wholesome development of the students. It also seeks to equip them to take on the challenges of future with confidence. In keeping with the vision of the college, the aim is to provide quality education to youth from all sections of society, especially the deprived and disadvantaged, and to mould them into responsible citizens capable of serving the nation.

All the courses offered by the Departments mandatorily include course objectives as part of the introduction. The entire course structure approved by the Academic council of the College is uploaded in the College website. At the very outset of each semester, the teachers discuss and familiarize the students with the course structure of their respective courses. Copies of the entire syllabi are also kept in the individual Department staff rooms for the student's reference. The BoS of each department

has meticulously spelt out the Programme Outcomes, Programme Specific Outcomes and Course Outcomes of all the courses offered. The details of the same are displayed in the College website (maharajas.ac.in).

The College takes appropriate measures to ensure the effective dissemination of all the learning outcomes. The resources such as faculty, library, laboratories, computers, Internet, are made available to enhance the teaching- learning process. The outcomes are reviewed and analysed periodically to assess the success of the transaction and accomplishment of the envisioned goals.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The POs, PSOs and Cos of all academic programmes offered by the college are clearly defined and stated. These outcomes are discussed and explained in the classrooms so that students may internalize them and form an idea of the expected purpose of their respective programmes. Some of the measures adopted are;

- Regular Internal Assessments and End Semester Assessments.
- Continuous assessment through assignments, seminars, mandatory project
- A meticulous result analysis is carried out following the semester examinations under the joint initiative of the Governing Council, the Academic Council, the BoS and IQAC.
- The impact of the restructured syllabus that invokes a scientific temper and supports critical thinking is felt in the creative responses of our students.
- Another index to measure the successful transaction of the outcomes is the achievement rate of our alumni in their post-college endeavours.
- A good number of our students are motivated to pursue

higher studies and post-doctoral research.

The institution has a mechanism to evaluate the learning outcome of the students. It includes:

- Student Placement and Progression
- Feedback from Students and other stakeholders
- Tutorial and mentoring
- Class PTA and General PTA
- Grievance Redressal Cell
- Analysis of End semester Results
- Internal and External Academic Audit

Our students have emerged as illustrious personalities in various avenues as doctors, judges, scientists, administrators, politicians, industrialists, actors, singers, directors, painters and writers. We also have good sportsmen of international acclaim.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

686

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

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://maharajas.ac.in/index.php/content/index/student-satisfaction-survey>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

As fundamental long-term research lays the groundwork for the institution's future growth, Maharaja's College establishes an open platform to encourage academic excellence and to pursue scholarly research activities. The college is also committed to fostering a research culture among faculty and students. The research policy of the college aims to realise the vision and mission of the college and to identify research areas of academic, practical, and social significance in order to contribute to the society and ultimately to national development. It also aims to develop and promote the scientific temperament and research aptitude of all learners of the institute. It also attempts to ensure that all applicable rules and regulations of the affiliated University and University Grants Commission as well as the established standards and norms relating to research, are followed by the college's research operations.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://maharajas.ac.in/images/Research_Policy_New.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

5.419

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://maharajas.ac.in/index.php/content/index/projects
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

75

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://kscste.kerala.gov.in/student-project/ ; https://kscste.kerala.gov.in/science-research-scheme/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Maharaja's College, Ernakulam conducted a research orientation program through a series of webinars to facilitate faculty members and research scholars in enhancing their research skills and publishing in quality journals. The webinars featured distinguished speakers such as Dr. Sitanshu Sekhar Das, Rajagiri Business School; Dr. Reinhart Philip, Central University of Kerala; Dr. Vineeth K M, Government College Tripunithura; Mr. Shihab I, University of Kerala and Mr. Jasimudeen, St. Stephen's College who shared their expertise on various topics.

Additionally, research scholars from various departments conducted seminars on publication ethics and research methodology through online platforms. These seminars aimed to provide additional insights and guidance to the participants.

In the academic year 2021-22, the Entrepreneurship Development Club organized online programs that attracted around 250 students. These programs aimed to raise awareness about entrepreneurship and equip students with the necessary skills and knowledge to succeed in the field. The Entrepreneurship Development Club has proven to be a valuable initiative in nurturing the next generation of entrepreneurs and innovators.

Overall, these initiatives by Maharaja's College have played a significant role in promoting research excellence, publishing, and entrepreneurship among faculty members, research scholars, and students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/ed-club ; https://maharajas.ac.in/index.php/content/index/research

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

32

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year	
74	
File Description	Documents
URL to the research page on HEI website	https://maharajas.ac.in/index.php/content/index/research
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded
3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year	
81	
File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded
3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year	
10	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/images/20230728_Books_2021_22.pdf
3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed	
3.4.5.1 - Total number of Citations in Scopus during the year	
49	

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

86

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.086

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The NCC and NSS in India engage students in extension activities promoting community service and personal development. The NCC Navy Wing organized blood donation drives, World Yoga Day celebrations, and a cleaning drive for World Environmental Day. The NCC Air Wing conducted beach and campus cleanups, paid tribute to martyrs, and organized food donation drives. The NCC Army Wing held online quiz competitions, participated in Azadi Ka Amrit Mahotsav celebrations, observed Independence Day, and paid homage to Mahatma Gandhi.

The NSS units conducted various initiatives, including environmental conservation, health campaigns, literacy programs, and promoting national integration. They performed flash mobs, welcomed spinal muscular atrophy patients, and organized celebrations with St. Teresa's Mercy home.

The Astronomy Club, organized Skywatch 2022 to promote astronomy and generate public interest.

The Department of History at Maharaja's College provided smart mobiles to economically disadvantaged students for online education. Dr. Remesh Kumar organized a cycle expedition to raise awareness about environmental protection and reducing dependence on fossil fuels.

In conclusion, the NCC and NSS actively promote community service, environmental conservation, patriotism, and personal development. These organizations shape responsible citizens committed to social welfare.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/extension-activities

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

40

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2489

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

9

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

4

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

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 equipments, etc.

The institution is unique in terms of the variety of programmes it offers, research facilities, physical infrastructure, sports, cultural events, and auxiliary/support systems. There are 61 programmes in all, including 20 undergraduate, 22 postgraduate, 1 integrated postgraduate, and 18 research programmes. A total of 2985 students make up the institution's key performance

contributors. The college has a cutting-edge scanning electron microscope (SEM), a high-end instrumentation facility with a Gas Chromatograph Mass Spectrometer, an Electro Chemical Impedance Analyzer Potentiostat/Galvanostat with an electrochemical analyzer and EC-LAB software, and a Millipore - Water Purification System. The college has online journal package offered by INFLIBNET N-List (providing access to 6,292 journals and 195810 books) subsidised by the UGC. In terms of pedagogical resources, the college is well-equipped with classrooms, labs, computers, online resources like INFLIBNET N-List, smart rooms, language labs, internet, and related IT facilities. There are 20 television sets, 174 classrooms, 391 computers, 46 LCD projectors, 26 smart boards, and separate laboratories for undergraduate and graduate studies. A new academic block with 18 class rooms, a seminar hall and a CSR funded (by Cochin Shipyard Ltd) language laboratory was inaugurated recently. A full-fledged hostel building construction was completed during this period.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/facilities

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

The excellent sporting facilities in the College include a 20000-person capacity outdoor stadium, a 400-meter synthetic track and a football field maintaining FIFA standards. The well equipped multi gym and fitness centre, volleyball, basketball, taekwondo along with all sporting equipment including fencing gear are also available to students. The expansive college stadium is available to students, employees, and members of the Kerala State Sports Council without charge. However, access to the stadium is also extended to the general public, subject to an annual fee of Rs 3,000. This money, thoroughly audited is utilised for the stadium's upkeep. Around 20 athletes and football players from the centralised sports hostel are also admitted to the college.

Department of Physical education conducts Yoga and Kalaripayattu training and physical fitness training for candidates appearing

in PSC, Defence and UPSC examinations. The democratically elected college union, in association with various clubs supported by the members of the teaching faculty, spearheads cultural life of the college.

During the period spanning 2021 to 2022, the Government of Kerala granted approval for two sports infrastructure initiatives, namely the relaying of a Synthetic track (6,90,00,000/-) and the construction of an international standard Synthetic hockey turf (Rs 6,35,00000/-).

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/stadium

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

32

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

696.53077

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

The library, a strategic asset of the college, aims to develop and deliver new methods of creating and supporting knowledge resources in the college. The General Library located in the prime area in the campus is accessible to all stake holders. Housed in an area of about 5000sq. m, with seating capacity of 100 it has over 1,40,000 printed books(print books -142986, Journals and periodicals- 56, Dailies- 12 , E-books -195810, E-journals-6292, Databases-2) including rare collections of antique and latest books. In addition to the General Library, each department provides its own library facilities to the students and research scholars. Construction of a three storied Central Library Complex to bring all the department libraries under one roof is nearing completion.

The library is fully automated with Book Magic (2012) and KOHA (2016). ILMS KOHA a user-friendly interface is the first Open-source library automation software. The Library follows the Open Access System and offers lending service, reference service and free access to N-List. Reprographic services are provided by the Reprographic Centre. The library also conducts user orientation programme, displays New Arrivals, Web OPAC and Extension Service. The Reference service is provided to Research scholars and academicians on request.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

8.18887

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	No File Uploaded

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

250

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college has 391 computer systems including laptops and 46 LCD projectors, most of them mounted or hung according to the physical conditions of the classrooms. We have fast internet connectivity of 140 mbps. In addition to the central copying facilities offered in the Reprographic Centre and the Cooperative store, most departments use multi-function devices to copy internal documents and to produce study materials. There are 6 ICT enabled seminar halls in the college. All the

departments have at least one full-fledged digitally enabled smart class room. The college has licensed versions of Windows, SPSS and Braille for the visually challenged. The library uses ILMs-KOHA for automation and WEBOPAC for remote access. All the departments have LAN connectivity through OFC. WiFi is available in the campus through the Kerala Government IT initiative. The college has implemented e-governance in planning and development using Bill Information and Management System (BiMS). It is an e-Bill portal to Claim Settlements by Drawing and Disbursing Officers (DDOs). The website of the college is designed and maintained by National Informatics Centre. A Full-fledged Campus Suite is developed by National Informatics Centre for college automation. The entire digital data is stored and maintained by the State Data Centre, Govt of Kerala. These amenities are constantly updated depending on specific requirements and budgetary allocations.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/digital-resources

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3000	391

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	D. Any one of the above
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File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

186.47267

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The college ensures the best use and efficient upkeep of all resources through a thorough and extensive code of procedure and policy perspective. The college, which has a distinguished history spanning 145 years, is specific about preserving its rich culture while integrating current trends and cutting-edge practises. The College recognises students' strengths and competence, provides them with the greatest learning environment possible, and supports their notable accomplishments in sports, the arts, and academics.

A robust and well-articulated policy is followed in the design and development of the curriculum, enshrined in its regulations, and overseen by the Faculty, Academic Council and Governing

Council. Boards of Studies in all departments include eminent external experts from the University, Industry and Research Institutes who guide the curriculum framing activity. With a well-defined research policy, a progressive research culture is developed among the teachers, research scholars and students.

The institution recognizes, appreciates and celebrates the strength of diversity and guarantees an equal education opportunity regardless of gender, colour, race, religion or disability. The presence of the elected Students' Union as an organic body addressing student-related matters and the student representation in academic and administrative bodies like IQAC, ICC, Anti- ragging Cell and Election Committee create a democratic atmosphere in the campus.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1612

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

56

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

E. None of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	No File Uploaded
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

379

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances

A. All of the above

through appropriate committees	
File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded
5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
81	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
5.2.2 - Number of outgoing students progressing to higher education	
297	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
45	

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

95

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Maharaja's College has a proactive and vibrant student leadership. Key to the overall growth of the student community is the contribution of the Students Union and its representatives. The College Union Council is the main student administrative body which organises all academic and non-academic programmes in the College. The academic year saw the inclusion of a transgender representative also in the union considering the fact that the college has a good number of transgender students studying in the campus. The union took initiative to form a Pride Club which devotes itself to sensitising the students regarding the different genders. There are various clubs that function with students as the organizers. The Union formed a Green Battalion with students as members. An efficient system of grievance redressal has been built into the administrative framework which has as its members students who actively intervene in matters concerning the student community. The Anti Ragging Cell which also takes effective measures to prevent ragging and sensitise students also has student representatives. A Grievance Cell also functions at the department level which has student representatives. An Internal Complaints Cell and a Women's Cell also functions effectively in the college with sufficient representation from the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

5

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	No File Uploaded
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The College in general and all the Departments in particular have alumni. However only five of them are registered, and they conduct regular executive meetings and plan various welfare activities. The alumni of Chemistry department conduct regular programmes for the benefit of their students. Eminent alumnus of the department are honoured. These eminent figures engage in very fruitful discussions with the students of the department. 14 endowment awards are instituted by the faculty and old students of the department for the achievers of the department. The alumni also contribute for the overall improvement of the facilities and infrastructure of the department. Regular meetings of the alumni discuss all endeavours of the department.

Mathematics Alumni Association is a registered alumni formed under the leadership of late Dr. Abdul Salam. World famous mathematician Dr. K.S.S Nambooripad is one of the most eminent Alumni of the Department. MAMATHA aims at promoting the interest for learning Mathematics. Every year MAMATHA distributes cash prizes to the students who excel in their studies. As an honour to the eminent alumni Dr. K.S.S Nambooripad, MAMATHA have been

conducting lectures for the past six years. The Physics Alumni also hold varied programmes for the benefit of its students .

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

6.1 - Institutional Vision & Leadership

6.1.1 - The governance of the institution-reflective of an effective leadership-tune with- vision& mission of the Institution

Maharajas College-

- government autonomous institution affiliated- MG university, Kottayam. In 2015-autonomy granted; enables restructure- curriculum& syllabus- promote need-based, industry-relevant & society-driven courses.
- offers 61 programs- Arts, Science, Commerce- 20 UG&22 PG programs, one integrated PG-18 Ph.D programs. Periodic syllabus revisions- recent trends-developments incorporated- UGC recognized-Centre of Excellence- maintaining its administrative, student wings work-vision& mission.

The Vision& Mission of the College

Maharajas College- secular credentials-egalitarian policies-decentralized participatory mode of governance- realize vision&

mission. The institution- congenial environment- nurture academic excellence- humanistic values

To provide;

- quality education- youth-all sections
- HR development- UG& PG Levels- multi-optional facilities- different

disciplines.

To motivate- urban, semi-urban,&rural youth-pursuit- knowledge.

To equip them- serve nation - self sufficiency

Participation of teachers& students- development of the college

- Democratic&decentralized practices of governance-liaison between the government of Kerala, The Directorate of Collegiate Education- internal bodies- Governing Council- College Council-Academic Council-BoS- IQAC-Planning Committee- CDC-UGC Cell-PTA-Students' Union
- The College Council- Head- Principal-Heads- departments- democratically elected members -major decisions- academic& administrative matters
- The students' union consulted- extracurricular activities- student feedback- modifications- internal &external examinations.

The college achieves-vision &mission- democratic- participatory interventions-all units of inclusion.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://maharajas.ac.in/index.php/content/index/home

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

6.1.2 - Effective leadership is reflected in various institutional practices-decentralization&participative management

The college invariably adheres-principles-decentralization-participative management -administrative-academic practices.

- The administration- the administrative leadership- Principal-The College Council- statutory body advises-principal

Members: The Heads of the departments,3 elected members from among the faculty-Administrative Assistant&librarian.

- The secretary of the council co-opts representatives-various bodies of the college -governing council members-Coordinator of the IQAC-PTA Secretary- Member of the CDC. All mandatory committees-cells-clubs-various forums,constituted-the College Council.

The department-level staff council-functions-decisions-grassroots level. PTA, College Development Council (CDC), Anti Ragging Cell, Grievance Cell, ICC&Women's Cell functions-guidelines issued by the Govt. of Kerala. College elected students union-modeled-presidentialform-election.Academic activities -monitored-governing Council, Academic Council, Board of Studies duly constituted- Autonomy Act of Kerala Legislature; incorporates-members-all-spheres-society;administration&academics college-participatory-democratic, decentralized manner-ensure decision-making power is not vested on the administrative head- reinforces-decentralized-participatory practices.

Revision of Curriculum

As an autonomous institution, the college- freedom to frame-curriculum & syllabus-realize curricularobjects-guidelinesframed-university. TheCollege-policies-affiliating university- avoid deviations/conflicts-Course pattern, credit, no.of courses, grading, etc.Academic Council-directs- boards of studies- implement project-receiving proper information-restructuringofco urses.Boardsofstudies-conductmeetings-internaldiscussions& brainstorming sessions upgraded/included/deleted-changing time demand. Departments embark-learners'revision-feedbackfurnished-

formerstudents-pros&cons-existing syllabus- facets- improvement-formation-draft curriculum& syllabus-thorough scrutiny-Board of Studies-facultymembers,reputedscholars-externalmembers,industryrepresentatives,a former student.BoardofStudiesendorses- modifications-new curriculum-syllabus forwarded-Academic Council. Academic Council, ratification-forward-governing council-university for final approval.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://maharajas.ac.in/index.php/content/index/academic-home

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

6.2.1 - The institutional Strategic/ Perspective plan-articulated&implemented

The perspective plan-college- SWOC analysis conducted-considers,observations-previous accreditation peer teams. Conferring academic autonomy-strategic plans-design new academic programs-blended degree.

Introduction-Advanced Programmes

Though the college imparts high-quality learning-lacksadvancedpr ogrammes-facilitate-inter-disciplinary-trans-disciplinary learning- research- highest level-c envisioned-start postgraduat eprogrammes-Sociology-Anthropology-Psychology-MediaStudies-CulturalStudies-Archaeology-Artificial Intelligence-Bio-Technology- Molecular Biology.

Advanced Facilities for the Differently Abled&Transgender Students

Establishment-advanced infrastructural& smart facilities-international standard-differently abled-infrastructure facilities-transgender students-residential quarters.

Residential Campus

To make the college-afully residential campus concrete plan was approved by the district-level plan discussion forum.

International Instrumentation Facility

Multi-disciplinary sophisticated instrumentation lab-proposed&submitted-Govt. under the KIIFB program -the research-related infrastructure of the college's national-international standards. The proposal- new program (Blended BSc.Programme in association - IISER Pune-University of Melbourne)-submitted to the gov.

Heritage Museum

The college-designed-master plan-development of the campus-future requirements-help of professional organizations-KITCO&conservationarchitects.Advisor-Renowned conservation architect Dr. Benny Kuriakose

- a heritage museum-conserve-priceless artifacts&treasured collections of historically valued items.
- The zoology museum-acclaimed-one among the fifty sites of its class in the world.

Advanced Centre-Study -Research (CASR) -Development Studies

The proposal-establishing"AdvancedCentre-Study-Research(CASR)in DevelopmentStudies"-submitted-GovtofKerala-envisioned-Centre-integrates;embodies-domain knowledge-different disciplines-advanced levels of learning-research-synergy point-social science learning&research

Carbon Neutral Campus

A Green Audit-conducted-total carbon footprints-college estimated. Although the college installed solar power plants-replaced T5 lamps-LED tubes-biomass-cooking, the campus is not carbon neutral-specific plan-projects-making the college carbon negative-model campus- emulation-other educational institutions of the state.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/swoc-analysis
Upload any additional information	View File

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

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

The administration-administrative leadership-Principal-advised by-constituted College Council-statutory body constituted under the statutes-MG University. The CC-deliberative body-supporting-Principal-administrative matters-Principal-the Heads of the Departments-three elected: faculty members-College Council-Librarian-council-elected Secretary. The council co-opts representatives-various bodies of the college-members-Governing Body-Syndicate Member-Coordinator-IQAC-Secretary PTA-Member of CDC

The IQAC-constituted-norms-NAAC-quality-related initiatives. The College Development Committee(CDC)-development-infrastructural facilities-maintenance-PTA-active involvement-parents&teachers-matters-pertaining-College. The Disciplinary Committee-assists-Principal-peaceful-academic environment-College-Level-Monitoring Committee (CLMC)monitors-academic&non-academic activities-committees&cells-SC/ST Committee-Minority Cell-Internal Complaint Committee-OBC Cell-Anti-Ragging Cell-etc. are constituted with the intention to address specific needs&grievances of the students-The Grievance Redressal Cell (GRC) addresses-grievances of students-finds amicable solutions-preserve-peaceful-friendly co-existence-campus. The Cell-student complaints& solve them-dispute resolution, the GRC encourages-peaceful-dialogical method-peaceful-democratic means-find solutions-problems in their future.

The Governing Council functions-apex academic body-College-timely decisions&plan appropriatestrategies-academic-development-institution-AcademicCouncil (AC)constituted-guidelines-UGC-AC-scrutinizesproposals-theBoardofStudies-curriculum-syllabi-programmeofstudy-academicregulations-framing of evaluation policies.

Service Rules and Procedures:

As a Government institution- follow the service UGC/State

Government/University norms-working hours: 9.30a.m-4.30 pm. The teaching&non teaching staff-college-avail-benefits of-GPF/GIS/SLI/Gratuity and

Casual/Earned/Medical/Maternity/Paternity/Leaves.Staff recruitment rules and conditions -The Kerala Service Rules-UGC norms. The HoDs report to the Principal to avail the service-additional teaching faculty based on the

existing workload (teaching hours per week). The Principal -reports-available vacancy- higher authorities concerned. Administrative staff promotion-seniority in service&other conditions stipulated by the Government of Kerala.

File Description	Documents
Paste link to Organogram on the institution webpage	https://maharajas.ac.in/images/Organisational_Structure.pdf
Upload any additional information	View File
Paste link for additional Information	https://maharajas.ac.in/index.php/content/index/strategic-plans-and-deployment

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 interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution-initiated-welfare programmes-measures-provide-facilities-nourish academic excellence-welfare of the

Teaching-non-teaching staff.

The teaching-non-teaching staff of this College benefit from the following welfare programs

- Group Insurance Scheme
- Group Personal Accident Insurance Scheme
- MEDISEP (Health Insurance)
- The Co-operative Society provides financial support-teaching&non-teaching staff
- Acooperativesociety-furnishes-academicstationeryitems-provideslightrefreshments
- The Staff Club-foster-strong bond relationship-teaching-non-teaching staff
- Hostel accommodation-teaching-non-teaching staff
- The Parent-Teacher Association
- Infrastructural facilities-designed-differently-abled-Digital-pocket Daisy player-EBook reader-MP3 player-voice recorder-compass-Jaws

talking screen reader-scanning-reading software

- Orientation&Refresher Courses-faculty improvement

- E-journals support-encourage research activities
- Seminars&workshops-improve academic ability-faculty members
- Freedom-membership/leadership roles-civic bodies / social organizations
- Freedom-exercise academic autonomy
- Computer Lab/Library/ Language Lab /Seminar halls/ Smart classroom facilities
- Subscription to N-List of INFLIBNET provides access-6000 journals-90,000 e-books
- Free-access-online-database-Taylor&Francis-EPW-IndiaTimesSeries-Indiastat.com,
- Online access-New Palgrave Dictionary of Economics-Social extension activities-foster social relations
- Provision-visit international universities-attend Workshops-seminars-summer school programmes
- Advanced technologies-Electro-Microscope-science lab-improve study- research
- Encouragement-support-regular faculty-avail-FDP/UGC Fellowships
- Minor/Major research programmes-financial support-UGC
- A unique Zoology Museum-one of its kind in the State
- Counselling Cell with full-time service-therapist Campus clinic-medical support
- Canteen facilities-available-providing good food-subsidized rates
- Health Club
- Cooperative Society Store-stationery-related Requirements
- Central instrumentation facility
- Jeevani Centre (Students Counselling Centre)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://maharajas.ac.in/index.php/content/index/facilities

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

123

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts internal and external financial audits regularly

- Fund sources—Government-UGC. The PTA-CDC also provides financial aid as and when required. Both internal-external audits are conducted annually.
- The day-to-day expenses are met-Government funds. The PTA-CDC also contributes to this as and when required.
- Accounts audited-audit section of the Directorate of Collegiate Education, Finance Department-Government of Kerala-office of the Accountant General-Grants from the UGC-DST-and other agencies are also subjected to audit-Chartered Accountants.
- Audits conducted under different heads-the transparency and reliability maintained. Both internal and external audits are conducted every year.
- The funds-dual audit. The internal auditing-DCE and the external audit -Comptroller-Auditor General of India. The funds received-UGC-RUSA are meticulously audited-Chartered Accountant. CDC fund is audited-DCE.
- PTA funds are also subjected to dual audit-senior faculty of the college who are proficient at accounting principles and practices and by a Chartered Accountant. The PTA accounts audits are conducted internally which are meant for the overall development of the College. Additionally, regular Audits

are conducted-Directorate of Collegiate Education under Sec. 13 of the Comptroller and Auditor General (DPC) Act 1971. The audit-Directorate of Collegiate Education concerning the Accounts&Register of Maharajas College

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

2

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

- Institutional strategies for mobilization of funds&the optimal utilization of resources

The College-comprehensive-updated mechanism

- Collect information-various funds-financialsupport-offered-Government of Kerala- UGC-RUSA-DST-other bodies.
- The information is passed to members of the faculty. HoDs-supervising the exercise. All departments-library-office-s ubmit-detailed-proposals-prescribed-format-scrutinized-consolidated-UGC Cell/Planning Committee as the case may be.
- In the case of that funds-require-interface or personal presentation the Principal-accompanied-set of senior teachers-represents. The ratio of allocation-College Council meetings-receiving funds. Steps were taken to ensure each department/section receives-equitable share.
- Purchase of goods&services-procured-floating official government tenders. The goods are examined-certified-technical committee-final payment is done. The quality-services-assessed-committee of teachers.

Major resources are mobilized from:

1. Government / Department of Higher Education/ Department-Collegiate Education, Kerala: Funds allocated-proposal submitted by College. The Directorate of Collegiate Education-apex body-runs institution-funds-obtained have not restricted the college from further exploring&procuring funds-other sources.

2. Alumni Support: The College-active alumni associations-college level-departmental level, support-College. The alumni-active role-function-institution-provide consultancy-free of cost-financial support

to the institution.

3. Research Funds: Major-Minor Projects-grants-obtained m UGC-RUSA funds-other research grants-obtained-other academic bodies-strictly-the Government-UGC norms. The college-sanction-from Govt of Kerala-Rs. 30 Crores-KIIFB-received Rs. 8 Crores under-head of Autonomous Fund-Government-Kerala.

4. Fees and Charges:time-admission-College collects-voluntarycontribution-students-ParentTeacherAssociation(PTA) fund-PTAfundutilized-implementing developmental activities-TheCollegeDevelopmentCouncil(CDC) fund collected from the students emitted-Government-allotted to the institution along with a corresponding matching grant later.

5. UGC&RUSA grants: The Special Grants-UGC-RUSA-vital resources-growth& advancement of the College-assist-modernization-digitalization-academic environment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC-formulated-Statement of Quality-institutionalizing-quality initiatives-IQAC of the College-on the basis-discussions-

with-college student's union-other leaders-student-organizations
 -Collegeconceptualizes-qualityas'transformation'-fundamental-
 qualitative change-'cognitivetranscendence'-student-teacherover-
 apparent transformation that happens-process of
 education.Everyqualityinitiative-IQAC-based on
 thispolicywhichgivesaclearpurpose&directionto all its activities-
 democratic&participatory approach-at to the level of decision-
 making and its implementation-graduate attributes of the college-
 benchmarking environment-initiative of IQAC.

The IQAC:

- conducts meetings after circulating prior intimation-members.
- prepares variegated online databases to help students-teachers-researchers. Periodic meetings are held with the democratically elected College Students' Union-other students' organizations-teachers' Organisation.
- proposes quality-enhancing programs-initiatives-proper benchmarking.
- Online feedback-Student Satisfaction Surveys-collected-major stakeholders. Result Analysis-regular basis-evaluating the academic-non-academic activities-adequate remedial measures-overcome-shortcomings.
- Monitors -functioning-Tutorial System.
- conductsworkshops&seminars-topics-contemporary academic relevance to enhance the quality-teachers-students. The IQAC-recommended-invited lectures-seminars conducted-various departments-video recorded-copy of the same to be handed over -IQAC.
- facilitatestheevaluation-performance-thefaculty-placement-promotion- Performance-BasedAssessmentSystem(PBAS)stipulatedby-UGC6thPayCommission.
- Implemented the decision-provideINFLIBNET-N-List-all teachers- students-ensures-teachers-using these accounts-teachers have to supply students- all classes-at least four journal articles-N-List-database.

The IQAC also monitors the following:

- The tutorial-system-promotes-friendly teacher-student relationship
- The tutorial monitoring-committee
- Students involvement-classroom management-student-monitoredclasslogattendance
- The functions-Department Quality Assurance Cell (DQAC)

Academic performance-College on the basis-Result Analysis-syllabus completion

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Result Analysis The office of the Controller of Examinations-prepares-examination results-shared-all faculty members-detailed split-up is available on request-After receiving detailed analysis, individual departments meetings-evaluatesame-detailed report-submitted-IQAC-scrutinyc;conducts meetings-department heads-tutors -individual teachers-discuss-frame adequate methods- improve system. **Student Satisfaction Survey Analysis ?** IQAC-conducts-StudentSatisfactionSurvey-ensures-impersonally- impartially carried out -better responses-The Survey-conducted-online-students-encouraged-express- opinions freelyAfter analysis of the results-itisfirst discussed-IQAC-presented - GoverningBody-CollegeCouncil-results-discussed-teachers-convening- faculty- wisemeetings-forwarded-departments-forself-evaluation- scrutiny-develop- correctivemeasures-improve-quality-teaching-learning process.

Tutorial Monitoring Committee Under-recommendation-IQAC-theCollegeCouncil-established-tutorialmonitoring committee-strengthen-oversee tutorial activities. The college Vice-Principal leads the committee- another senior faculty-convenor. **Academic Audit** The IQAC-conducts-internal-external academic audits. As part of the internal audit, self- evaluation reports-collected-teaching staff. Student Satisfaction Survey ascertains the extent to which the syllabus has been transacted in the classroom-the preparation level of the teachers-subject preparation of the teacher. The overall findings of the surveys-

collected- consolidated following which the information- Circulated-stakeholders-further deliberations- improvement. The IQAC conducts-annual assessment-all departments-external audit carried out- eminent former teachers of the college-experts- management-educational institutions. The insights gained-from-exercise-designing-implementingfutureprograms-projects.TheIQAC-benchmarks exemplary-ideal practices-college improves its academic ambiance-employment competence -students.

Teacher Evaluation The IQAC directly conducts-teacher- evaluations-two purposes; first-make room-self- improvement- teacher. For this, students evaluate-teachers anonymously- teachers-allowed- keep-feedback-self-improvement. Secondly, the IQAC directly conducts teacher evaluation- students-feedback analyzed. Appropriate-correctivemeasures- reinforcementmechanisms-

suggested-basis of such feedback. Such constructive recommendations-teachers to assess their teaching strategies improve-academic standards.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

<p>6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Paste the web link of annual reports of the Institution	https://maharajas.ac.in/images/20230729_Annual_Report_2021_22.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Widely recognized for the gender sensitive approach, our college is acclaimed for providing admission to transgender students for the first time in Kerala. A gender friendly toilet block with incinerator facility was set up to accommodate people of all genders.

The campus nurtures a gender-neutral approach in the usage of languages and the provision of facilities. The hostel rules are akin to students of all genders. Women Cell, Jeevani, NSS and NCC organised awareness programmes on gender justice and empowerment. This campus is inclusive with women and transgenders in decision making bodies

Internal functionaries like Women's cell, Grievance and Redressal Cell and Internal Complaints Cell are constituted to address issues of students. Technological surveillance in various locations assure added security over the gated compound.

The Jeevani programme introduced by the Government of Kerala addresses mental health issues through training classes and workshops and include counselling sessions and follow ups.

The inclusive infrastructure provides ample space to engage in curricular and co-curricular activities. The restrooms for girls are properly made use of and are technologically enabled. Incinerators are installed in all ladies' toilets.

Day-care centre in the colleges balances the career responsibilities of our faculty with parenthood.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://maharajas.ac.in/index.php/content/index/bio-compost

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

B. Any 3 of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

Solid Waste Management

Waste are segregated into separate organic and recyclable and non-recyclable types and dispose into separate bins. Two bio-compost units are operating at the canteen and another at hostel. The latter unit generates biogas and thus waste is composted at the source itself. Bio-bin facilities are given to every department to dispose food waste and to compost. Cochin Corporation helps for the regular removal of solid waste. Three leaf mulching units were set up to collect dry leaves in the most eco-friendly manner.

Liquid and bio-medical Waste management

Indiscriminate use of chemicals is discouraged during practical classes. Laboratory liquid chemical wastes are safely disposed of. Laboratories economise the use of chemicals to reduce the wastage of liquid and gas effluents. Liquid waste is segregated into organic and inorganic waste. Inorganic wastes such as concentrated acidic or alkaline solutions are neutralized before

disposal. Sodium bi-carbonate or Calcium oxide is used for the neutralization process so that the neutralized liquid contains no harmful substance.

E-waste management

After the period of lockdown, the college instructed departments to scrutinise the performance of their devices and report if any case of damages. E waste is managed through appropriate scrap policy through proper channel.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

D. Any 1 of the above

File Description	Documents
Geotagged 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:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged 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 undertaken by the institution

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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>D. Any 1 of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human</p>	<p>A. Any 4 or all of the above</p>
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assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
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, socio-economic and other diversities (within a maximum of 200 words).

An outstanding feature of our college is its diversity - different cultures, religions, regions, sexual orientations, socioeconomic status, and abilities come together at Maharaja's College. Programmes like Onam, Christmas, Diwali, Holi, Merit-Day, Alumni meet, farewell, Fresher's Day, Orientation and induction programme creates a single platform and cultivates an inclusive environment.

Union inaugurations, Arts festivals and release of college magazine by the Student Union reflects their diverse capabilities and cultural heterogeneities. Field trips conducted by respective departments broaden their perspectives.

Involvement in various clubs with assigned task give them ample opportunities to interact with each other and also with the society.

Programmes and associations conducted by students in their own disciplines, equip them with responsibilities, tolerance and unity for the common cause.

Departments of Botany and Economics conducted food fest championing the cause of charity and helps in bringing together

students, faculty, and staff to enjoy a variety of regional cuisines along with games and cultural activities.

The students engage in planning, media management and execution, while they initiate programmes and every member of the campus forgets disparities and is in harmony with only one goal - the successful outcome of the programme.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

The college has taken special effort to sensitize students about the values and duties of a citizen with a series of awareness programmes regarding rights of women and gender justice. A one-day orientation programme for first year Undergraduate students was conducted highlighting the rights and duties of a citizen. In induction programme, the faculty enlightened students on how they could become responsible citizens through exploring the opportunities in the campus.

NCC conducted a cleaning program under the AZADI KA AMRIT MAHAUTSAV on 13th August 2021, at Gandhi Square Ernakulam. The campus celebrated 75th year of Independence and other national important days. NCC hoisted the National Flag on Independence Day and Republic Day and was further celebrated by NCC cadets and NSS volunteers. After the ceremony, they engaged in their assigned tasks viz cleaning college premises and public places. Student functionaries conducted essay writing, patriotic songs and collage competitions on commemorative days

The Department of Political Science conducted a talk on Constitutional day - 26th November, which was also celebrated by NCC and NSS through exhibitions and discussions. Another talk on human rights was held on 20th December. Inter-departmental quiz and elocution competitions on Human Rights witnessed active

student involvement.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

B. Any 3 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 programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

College celebrated commemorative days and events in association with the IQAC. Participation of both faculty and students enriched the events. Constitution Day and Human Rights Day were celebrated by the Department of Political Science. Hawking Memorial Lectures were organized by the Department of Physics and the Department of Hindi conducted Premchand memorial lecture.

The Department of Philosophy celebrated Environment Day. Historical events, including Attingal Revolt, Malabar Rebellion, Wagon Tragedy were commemorated by the Department of History. The NSS celebrated World No-Tobacco Day, World Bicycle Day, World Music Day, National Doctors Day, World Blood Donor Day, International Moon Day, World Malala Day, World Mandela Day, National Sports Day, NSS Day, Gandhi Jayanti, International Day of Happiness, and Mother Tongue Day.

The celebrations of the NCC include Azadi ka Amrit Mahotsav, Independence Day, Gandhi Jayanti, Puneet Sagar Abhiyan, Pulwama Day, Vijay Diwas and World Environment Day. World Water Day was celebrated by the Nature Club. Women's Cell and the Department of English celebrated International Women's Day. The College participated in Programme conducted by the Department of Women and Child Welfare. The Science forum and Chemistry Association celebrated National Science Day.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice I

Title of the Practice: Green Cover

Objectives

To envelope the campus in greenery.

To become carbon neutral campus and orient the campus towards sustainable living

The Practice

The space consists of a fruit orchard, butterfly garden, tropical plant zone, flower garden, tuber-spice/fern garden. Thrust areas: a) Rejuvenating old trees. b) Maintenance of walkways c) Creation of vegetation zones d) Creating Pathways, Water Features, nesting and breeding areas e) Setting up composting areas f) Drip irrigation and fertigation.

Best Practice II

Title of the Practice: Inclusive Education

Objectives

- To recognise every student is diverse with different capabilities and ensure equal access to opportunities in education.
- To eliminate barriers in the education of the disadvantaged and facilitate their holistic development by enabling their effective participation in education process.

The Practice

Maharaja's college can proudly claim as the first one in Kerala to welcome the transgender students. Our college hosts maximum number of differently abled students and arranges facilities physically accessible to them. We took measures to identify their key issues and to educate them. Equal Opportunity Cell has been formed to address their needs and provide opportunities to overcome their social exclusion.

File Description	Documents
Best practices in the Institutional website	https://maharajas.ac.in/index.php/content/index/best-practices
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust

(within a maximum of 200 words)

Digital Garden

Located in the heart of the city, the campus is spread over 25-acres of land rich in lush green vegetation. The tall elegant shady trees and the thick foliage make it the lungs of the city and make the campus breathable and carbon sequestration substantial.

Moreover, students could be great ambassadors for spreading the message of conserving biodiversity and preservation of nature for a sustainable future. In this regard, as part of the Green Initiatives of the college, a project was launched to document the Floristic Diversity of Maharaja's College and to digitize the flora in a phased manner. The first phase comprised of inventorying the tree diversity of the campus and to digitize them using the QR-code-enabled labelling and making of a Digital Garden.

The major objectives are:

1. To document the floral diversity of Maharaja's College
2. To educate the stake holders of the importance of vegetation by tagging them with QR Code enabled labels
3. To launch a Digital Garden to provide at everyone's fingertips information about each plant and tree in the campus

The unique QR code specific to a plant is placed along with the label to create a digital garden. Once decoded, it translates the code into a URL (Uniform Resource Locator) which opens to the website providing data of each tagged plant species. Students and plant enthusiasts could get reliable information regarding the vegetation in campus within a few seconds, making the information retrieval easy and interesting.

File Description	Documents
Appropriate link in the institutional website	https://maharajas.ac.in/digital_garden
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Plan of Action

The college widely known as 'Lungs of the Kochin city for its elegant and mighty tree cover, is on a path to attain the status of carbon neutral campus. It is trying to minimise its waste of all categories and develop a sound sustainable waste management policy in association with student functionaries and Kochin Corporation. The participatory role of student functionaries is to be intensified for implementing innovative ventures which ensure conservation of natural resources and recycling of waste into marketable output.

Introduce more facilities assuring inclusiveness and accessibility of the differently abled students for enabling them to participate in education process regardless of their physical disabilities. Urgent action is required to upgrade the assistive technologies of the visually challenged students and teachers.

Two on grid solar units (20KW and 50 KW) installed in the campus have considerably reduced our electricity bill. Widening the coverage of alternative energy sources such as solar and biogas is strongly recommended. The exposure to power efficient equipments and censor based energy conservation is to be strengthened on a larger scale.

Popularise personal counselling at the grassroots level may help the campus community to choose appropriate decisions and cope with challenges ahead.