

# Annual Report 2021—22



Maharaja's College (Government Autonomous),  
Ernakulam, Kerala—682011

## About the College

Maharaja's College (Government Autonomous), located in the rapidly growing city of Cochin, is an exceptional institution that offers higher education with a distinct character. It boasts a rich heritage and remarkable accomplishments in various domains, including the creation and dissemination of knowledge, fostering liberal and secular values, promoting inclusive growth and development, and empowering marginalized communities to attain upward social mobility. The college campus, sprawling across 25 acres, is conveniently accessible by road, rail, air, metro rail, and waterways. It is a picturesque and serene oasis amid the city's hustle and bustle, thanks to the lush greenery, shady trees, thick foliage and pristine water ponds that create a tranquil atmosphere.

The college had a humble inception as a Basic English school way back in 1845, established in the former princely state of Cochin with the primary objective of providing "instruction to the students that would enable them to converse with Englishmen without interpreters." However, over the years, the college has evolved significantly and gained recognition as a 'Centre of Excellence' by the Government of Kerala and as a 'College with Potential for Excellence' by the University Grants Commission (UGC). This growth has been gradual but consistent, and today, the college stands tall as a distinguished institution for higher education.

The original elementary school founded in 1845 underwent several transformations over time, eventually becoming a college in 1875 in response to the increasing demand for higher education in Cochin and neighbouring states of Travancore and British Malabar. Originally named 'The Ernakulam College' and affiliated to the University of Madras, it offered First Arts Courses and quickly rose to become one of the premier educational institutions in the Madras Presidency. Like other colonial institutions across the country, Maharaja's had British principals at the helm. These enlightened individuals played a critical role in popularizing English education in the state of Cochin. The first principal, Professor A.F. Sealy (1875-1892), described himself and his compatriots as "labourers in educational work" dedicated to "bringing light to one of the dark regions of Asia." Despite this, he acknowledged that their work was simply "a just repayment of an old debt of gratitude that the West owes to the East."

The Golden Jubilee Year (1925) proved memorable in more than one way. The college was permanently rechristened as Maharaja's College. It started offering Bachelor of Arts

programmes in a number of disciplines, thereby raising itself to the status of a first grade college, turned residential by building hostels and formed an Old Students' Association which must surely be one of the oldest in the country. The next decade would witness a spurt in the number of programmes offered, especially in sciences and the addition of a 15- acre playground, on the land donated by the aristocratic Thottakat family.

Following India's independence and the formation of the state of Kerala in 1956, Maharajas began to expand its postgraduate programs and prioritized inclusivity by admitting students from marginalized and disadvantaged social backgrounds. Throughout the 1970s and 80s, the college experienced a surge in enrolment and celebrated its grand centenary in 1975. The college has seen remarkable growth in the number of female students and teachers, and the gender ratio became skewed in favour of women during the 1990s. Additionally, the college responded to changing times by offering new, innovative programs like B.Sc. Instrumentation and B.Sc. Environment & Water Management in the 1990s.

In the new millennium, Maharaja's began to place greater emphasis on technology-enhanced teaching and learning by establishing state-of-the-art ICT facilities. The number of researchers also surged, and the college is now a Centre of Excellence with 19 teaching departments offering 20 undergraduate, 21 postgraduate, 1 integrated and 18 doctoral programmes. Undergraduate courses range from music and commerce to computer applications, showcasing the diversity of the college's academic offerings. The college has three hostels and a 15-acre playground with a synthetic track and pavilion. In 2010, the Department of Science and Technology (DST) selected all the science departments of the college for special assistance under the Fund for Improvement of S&T Infrastructure (FIST) programme. The college received A grade accreditation from the NAAC in both 2006 and 2013.

The college has been doing well in the Mahatma Gandhi University youth festival, bagging the first place or runner-up position consistently. Many of the winners have cut a niche for themselves in the fields of cinema, television or other media. In terms of achievements in academic evaluation, the college has managed to maintain the streak of success successively. The college got a shot in the arm with its inclusion in the Cluster of Colleges, a body exclusively formed to share the resources of a few select colleges in and around the city. Various activities were undertaken by the Cluster in the last few years. In 2014-15, the college was elevated to the status of an autonomous college. It is the first and the only government autonomous college in Kerala.

## Message from the Principal

I am proud and delighted to present the Annual Quality Assurance Report (AQAR) for the academic year 2021-22. This report reflects the culmination of a year-long effort by our institution's teachers and the Internal Quality Assurance Cell (IQAC), both of whom have been working tirelessly to maintain and improve the quality of education and the learning environment of our college, which has registered steady growth in all realms in the last few years.

The AQAR is a comprehensive compendium-cum-evaluation of the overall performance of our institution, covering multiple dimensions and aspects. Its primary purpose is to assess and ensure that the institution meets or exceeds the expected standards of excellence in all areas of operation. The report evaluates the academic programs offered by the institution, including their curricula, teaching methods, and learning outcomes. It examines the quality and relevance of research activities, assessing the impact and contributions of faculty members, researchers, and students to their respective fields. In addition to academic and research-related matters, the report also evaluates the institution's infrastructure, such as the availability and quality of facilities and equipment, the adequacy of support services, and the effectiveness of administrative procedures. Furthermore, the report assesses the quality of student services, including academic and career counselling, health and wellness services, student activities, and support for diversity, equity, and inclusion. It examines how well the institution meets the needs of students and promotes their overall well-being and personal development. In a nutshell, the AQAR serves as a valuable tool for institutional self-reflection and continuous improvement. By identifying areas of strength and areas that need improvement, the report helps the institution maintain its standards of excellence, make informed decisions, and take corrective actions when necessary. It also helps to foster a culture of accountability, transparency, and excellence, which is essential for providing students with a world-class education.

I would like to express my heartfelt appreciation to the IQAC and all the faculty members of Maharaja's College for their unwavering commitment to maintaining and improving the quality of education and learning environment in our institution. It is because of their hard work and dedication that we have been able to achieve this remarkable feat. I would also like to extend my gratitude to all our students for their cooperation and active participation in various academic and extracurricular activities that contribute to the overall development of our institution. Together, we will continue to strive for excellence and set new benchmarks for academic achievement.



## A Word from the IQAC

Needless to say a healthy academic atmosphere is crucial for the growth and development of any educational institution. It helps to create a positive learning environment for students, faculty and other staff, which in turn fosters academic excellence and innovation. The Internal Quality Assurance Cell (IQAC) plays a pivotal role in creating and maintaining a healthy academic atmosphere by ensuring the quality of education and infrastructure.

The IQAC is responsible for monitoring and evaluating the academic and administrative activities of the institution to ensure that they meet the desired quality standards. It helps to identify areas that need improvement and takes necessary steps to address them. The IQAC also promotes a culture of continuous improvement by encouraging feedback and implementing corrective measures.

The IQAC has been actively involved in various activities that aim to improve the academic atmosphere of the institution. Some of the efforts include a) conducting regular meetings with faculty and staff to discuss and address academic and administrative issues, b) organizing workshops and training programs for faculty and staff to enhance their teaching and administrative skills, c) creating and maintaining a database of faculty publications, research projects, and other academic activities, d) encouraging and facilitating student participation in co-curricular and extra-curricular activities and e) monitoring the progress of the institution in achieving its vision and mission.

The preparation of the Annual Quality Assurance Report (AQAR) is a crucial task that requires the cooperation and support of all stakeholders. One of the significant difficulties faced by the IQAC in preparing the AQAR is the vastness of data that the college generates every year. It is essential to collect and process data from various sources, which can be a time-consuming and challenging task. Another difficulty is the implementation of corrective measures. While identifying areas that need improvement is relatively easy, implementing the necessary corrective measures can be a daunting task.

The IQAC uses a variety of methods to collect data, including surveys, feedback forms, and institutional data. The collected data is then processed and analysed to identify areas that need improvement. The IQAC also conducts internal audits and reviews to evaluate the effectiveness of the corrective measures implemented.

We would like to express our sincere thanks to all stakeholders, including the Government of Kerala, faculty, staff, and students, for their cooperation and support in creating and maintaining a healthy academic atmosphere. Their contributions have been instrumental in the success of the institution, and we look forward to continued collaboration in the future.

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## 1. Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is a crucial mechanism that aims to facilitate a continuous improvement process in academic and administrative performance at the institutional level. The primary focus of IQAC is to develop a system that promotes conscious, consistent, and catalytic action to enhance the overall quality of the institution. The IQAC strives to develop a quality culture and institutionalize best practices in all aspects of institutional functioning. It encourages and fosters a culture of self-evaluation, self-improvement, and self-accountability. This is done by promoting internalization of quality culture through various capacity-building initiatives, workshops, and training programs for faculty, staff, and students. The IQAC recognizes that quality enhancement is an ongoing process that requires the continuous identification and assessment of key areas for improvement. To achieve this, the IQAC develops and implements a range of quality assurance measures and systems, including periodic reviews, audits, and feedback mechanisms. Furthermore, the IQAC is committed to promoting and supporting research and innovation in all academic and administrative activities. It encourages the adoption of innovative practices and the development of new initiatives to improve the quality of academic programs, research activities, and administrative processes.

The IQAC plays a critical role in ensuring the timely and efficient performance of academic, administrative, and financial tasks. To achieve this, the IQAC develops and evolves mechanisms and procedures that promote progressive performance and optimization of various tasks. In addition, the IQAC also focuses on promoting the relevance and quality of academic and research programs. It strives to ensure equitable access and affordability of academic programs for various sections of society. The IQAC encourages the integration of modern methods of teaching and learning, which are crucial for enhancing the overall quality of education. Moreover, the IQAC recognizes the importance of credibility in the assessment and evaluation process. Therefore, it promotes the adoption of credible and reliable assessment methods, which are essential for ensuring the validity and fairness of evaluations. Furthermore, the IQAC also ensures the adequacy, maintenance, and proper allocation of support structures and services. It recognizes that the availability and quality of support services are critical for promoting the overall well-being and development of students, faculty, and staff. Finally, the IQAC encourages the sharing of research findings and networking with other institutions. This is important for promoting collaboration and knowledge-sharing, which can lead to the development of innovative practices and initiatives. Overall, the IQAC is committed to promoting a culture of quality and excellence, which is essential for achieving the goals of the institution and providing students with a world-class education.

Predictably, the IQAC is expected to perform a range of functions to promote and maintain the quality of academic and administrative activities at the institutional level. These functions include the development and application of quality benchmarks and parameters for various activities of the institution. The IQAC also plays a crucial role in facilitating the creation of a learner-centric environment that is conducive to quality education. This involves promoting faculty maturation and the adoption of knowledge and technology for participatory teaching and learning processes. To ensure

that quality-related institutional processes are effective, the IQAC collects and analyses feedback from all stakeholders. It disseminates information on various quality parameters to all stakeholders and organizes inter and intra institutional workshops and seminars on quality-related themes, promoting the development of quality circles. The IQAC also documents the various programs and activities that lead to quality improvement and acts as a nodal agency for coordinating quality-related activities, including the adoption and dissemination of best practices. Furthermore, the IQAC is responsible for developing and maintaining an institutional database through Management Information Systems (MIS) to enhance institutional quality. It also conducts periodic academic and administrative audits and follows up on their recommendations. Finally, the IQAC prepares and submits the Annual Quality Assurance Report (AQAR) as per the guidelines and parameters of the National Assessment and Accreditation Council (NAAC). Overall, the IQAC plays a crucial role in ensuring the quality of academic and administrative activities at the institutional level, promoting a culture of excellence and continuous improvement.

To achieve the aforesaid goals, the IQAC facilitates and/or contributes to several key functions. Firstly, the IQAC will ensure clarity and focus in institutional functioning towards quality enhancement. It will also work towards the internalization of the quality culture, ensuring that good practices are institutionalized and enhanced through coordination among various activities. Secondly, the IQAC will provide a sound basis for decision-making to improve institutional functioning. This will involve collecting and analysing data and feedback from various stakeholders and using this information to inform decision-making processes. Thirdly, the IQAC will act as a dynamic system for quality changes, continuously monitoring and evaluating institutional processes to identify areas for improvement and implementing changes to enhance quality. Finally, the IQAC will build an organized methodology of documentation and internal communication, ensuring that information is effectively communicated and documented within the institution. Overall, the IQAC plays a critical role in promoting a culture of quality and continuous improvement within the institution.

The following table gives information about the constitution of the IQAC.

#	Name	Designation	Role
01	Dr Mathew George	Principal	Chairman
02	Dr Jaya S.	Associate professor of mathematics	Coordinator
03	Dr K. Jayakumar	Deputy Director, Department of Collegiate Education	Management/government
04	Dr Suresh V.N.	Associate professor of commerce	Faculty member
05	Dr Suneesh K.S.	Assistant professor of zoology	Faculty member
06	Dr Stephen Sequera	Assistant professor of botany	Faculty member
07	Dr Sreesha Sasi	Associate professor of chemistry	Faculty member
08	Dr Deepthi T. Divakaran	Assistant professor of English	Faculty member

09	Dr Anitha P.L.	Assistant professor of Hindi	Faculty member
10	Dr Jayasree Paul	Assistant professor of economics	Faculty member
11	Smt. Viswamma P.S.	Administrative Assistant	Office administration
12	Adv. M. Anilkumar	Honourable Mayor, Municipal Corporation of Cochin	Local society
13	Sri S. Madhu	Deputy Managing Director, Cochin Shipyard	Industry
14	Sri T. Jayachandran	Editor and publisher, CICC Book House, Cochin	Alumni

## 2. Governing Body

Maharaja's College holds the prestigious distinction of being the only autonomous college in the government sector in the state. This esteemed institution has been autonomous since the year 2015, which has contributed significantly to its growth and development. As an autonomous college, Maharaja's operates with a certain degree of independence and has the authority to design and implement its own academic programs, curriculum, and evaluation systems. This empowerment enables the college to adapt its educational offerings to the changing needs of students and the evolving demands of the job market.

At the core of the autonomous structure lies the Governing Body (GB), which serves as the apex body of the college. Comprising distinguished individuals from various spheres of society, including renowned academicians, government representatives, and experts from relevant fields, the Governing Body plays a crucial role in guiding and overseeing the college's functioning. The GB of Maharaja's College exercises its authority in key decision-making processes related to academic policies, infrastructure development, and overall institutional governance. It provides insights, expertise, and strategic direction to ensure the college's continued growth and excellence in education.

### Functions of the Governing Body:

Subject to the provisions outlined in the bylaws of the respective college and the rules established by the state government or the parent university, the GB holds several crucial responsibilities to ensure the effective functioning and development of the institution:

- a) Guiding the college: The GB serves as a guiding force, ensuring that the college operates in line with the objectives for which it was granted autonomous status. It provides strategic direction, monitors progress, and offers valuable insights to promote the overall growth and excellence of the college.
- b) Scholarships, fellowships, and Awards: On the recommendations of the Academic Council, the GB has the authority to institute scholarships, fellowships, studentships, medals, prizes, and certificates. These incentives recognize and reward exceptional academic

performance, research contributions, and extracurricular achievements among students, encouraging excellence in all domains.

- c) Approval of new programmes: The GB plays a vital role in expanding the academic offerings of Maharaja's College. It has the power to approve the introduction of new programs of study leading to degrees and/or diplomas. This allows the college to adapt to emerging disciplines, meet the evolving demands of students and the industry, and ensure a comprehensive educational experience.
- d) Approval of annual budget: As a key authority, the GB approves the annual budget of the college. This involves reviewing and allocating resources, ensuring efficient financial management, and prioritizing investments in areas critical to the college's growth, such as infrastructure development, faculty recruitment, research facilities, and student support services.
- e) Additional functions and committees: In addition to the aforementioned responsibilities, the GB has the authority to perform other necessary functions deemed essential for the proper development of the college. This may include instituting committees to address specific issues, establishing task forces to undertake focused initiatives, and formulating policies and guidelines to enhance the overall functioning of the college.

It is important to note that the specific details and procedures related to these functions may vary based on the bylaws of the college and the regulations set forth by the state government or parent university. The GB operates within the framework provided by these governing documents, ensuring compliance with established norms and guidelines while actively contributing to the growth and advancement of Maharaja's College.

#### **Constitution of the Governing Body**

1. Dr.N. Remakanthan (Chairman)
2. Dr. Mathew George(Principal, Ex officio member)
3. Sri. G. Harikumar (State Government Nominee)
4. Dr. Suresh Mathew (Mahatma Gandhi University Nominee)
5. Dr. M.S. Murali ( Teacher member)
6. Dr. Suja T.V. (Teacher member)
7. Dr. Jolly V. Antony (Teacher member)
8. Anooja B. (College Union Chairperson, Students' Nominee)

The GB takes an active role in monitoring the academic activities of the institution, ensuring that the highest standards of efficiency are maintained. To facilitate its functions effectively, the GB is divided into various subcommittees, each with a specific focus. These

subcommittees include the Examination Subcommittee, Finance Subcommittee, and Development & Maintenance Subcommittee.

The Examination Subcommittee is responsible for overseeing the examination process and ensuring its smooth and fair conduct. It establishes guidelines and policies related to examinations, monitors the evaluation system, and safeguards the integrity of the assessment process. In addition it evolves mechanisms to address issues related to the conduct of examinations.

The Finance Subcommittee plays a crucial role in managing the financial aspects of the college. It works towards formulating and reviewing the annual budget, monitoring financial resources, and ensuring that funds are allocated appropriately to support various academic and administrative needs. The Finance Subcommittee also evaluates financial proposals and provides recommendations to the GB for consideration.

The Development & Maintenance Subcommittee focuses on the continuous development and upkeep of the college's infrastructure, facilities, and resources. It assesses the requirements for infrastructure expansion, renovations, and technological advancements, ensuring that the college provides a conducive learning environment for students and a comfortable working environment for faculty and staff members. The subcommittee also oversees maintenance activities to ensure that the college's facilities remain in optimal condition.

The GB convenes an average of seven meetings per year to discuss and deliberate on pertinent issues concerning the college's functioning. These meetings serve as platforms for the GB members to review and decide on matters related to academic policies, infrastructure development, faculty recruitment, financial management, and other areas crucial to the college's overall progress. The meetings provide a forum for open discussions, where the GB members, steered by the Chairman, exchange ideas, address challenges, and collectively design effective strategies to steer the comprehensive mechanism of the college.

The GB members are committed to upholding the rules and norms set by the State and the parent university. They bring their expertise, experience, and dedication to bear in designing and directing efficacious strategies that ensure the smooth functioning of Maharaja's College. Their collective efforts aim to maintain the college's academic standards, foster a nurturing learning environment, and promote the holistic development of students.

By adhering to established guidelines and regulations, while also leveraging their expertise and vision, the GB members contribute significantly to the college's growth and success. Their active involvement ensures that Maharaja's College remains a center of academic excellence, empowering students with knowledge and skills that prepare them for the challenges of the modern world.



### 3. Academic Council

#### *Minutes of the academic council on 10/03/2021*

The Academic Council convened its meeting at 2:30 PM in the VIP lounge. Dr. Mathew George, the chairman and principal, commenced the proceedings by extending a warm welcome to all the members in attendance. He then handed over the floor to Dr. Krishnakumar K., the secretary, who presented the agenda and provided a thorough overview for further discussion.

Agenda Discussed:

*1. Question paper pattern change of UG and PG Examinations as per the letter dated 27.01.2021 from the Registrar, Mahatma Gandhi University in the wake of to COVID 19 pandemic.*

During the meeting, the secretary outlined both the current pattern and the proposed pattern of question papers. The council engaged in a detailed discussion on the matter and ultimately approved the new pattern of question papers. They decided to promptly inform the Controller of Examinations about the approved changes, ensuring their immediate implementation. It is important to note that this revised pattern of question papers will be applicable solely to the regular batches of the academic year 2020-21.

*2. Approval of the Board of studies in Integrated PG Programme in Archaeology and Material cultural studies.*

The Secretary presented the panel of members for the Board of Studies of newly sanctioned integrated programme in Archaeology and Material Cultural Studies. The nominated members were Dr. Vinodkumar Kallolickal (associate professor of history), Sri. Abdul Lathif C.H, (assistant professor of history), Prof. K. Krishnan (professor and dean, faculty of arts at M S University, Baroda), Dr. Ajithkumar, (DLRA-F, Kesavadasapuram, Thiruvananthapuram), Dr. Cyriac Jose (assistant professor of archaeology at St. Thomas College, Pala), Dr. Vinod V, (assistant professor of archaeology at Mar Thoma College for Women, Perumbavoor), Sri. Jenee Peter (assistant professor of history, UC College, Aluva), Dr. V.R. Shaji (conservation officer, Centre for Heritage Studies, Hill Palace, Thrippunithura), and Dr. B. Venugopal (honorary director, Centre for Intangible Heritage, SSUS, Kalady). The Council has also resolved to send a letter to the Registrar of Mahatma Gandhi University to assign the University nominee to the newly constituted Board of Studies.

*3. Discussion and approval of the syllabus of the newly sanctioned Integrated Programme in Archaeology and Material Cultural Studies.*

The Council was presented with a draft syllabus, which had been prepared by a committee of experts under the convenorship of the Secretary. After a thorough discussion, the Council

acknowledged that some minor modifications were necessary. Therefore, it was decided that the newly constituted Board of Studies would review the syllabus and propose the suggested modifications. The Chairman of the Council was entrusted with the responsibility of approving the final version of the syllabus after considering the Board's recommendations.

*4. Change of valuation of the existing system to the new one proposed by the Controller of Examinations.*

The Controller of Examinations presented a proposal to the Chairman suggesting a modification to the current double valuation system, proposing a shift to 20% external evaluation and 80% internal valuation. The Council extensively deliberated on the advantages and disadvantages of the proposed change. After careful consideration, the Council resolved that it is in the best interest to maintain the existing double valuation system. Therefore, the decision was made to continue with the current assessment approach.

*5. Question bank preparation (UG and PG) and Software enabled question paper generation as proposed by the Controller of Examinations.*

The Secretary provided an update stating that a decision regarding this matter had already been made during the Academic Council meeting on October 1st, 2019. Furthermore, two workshops had been conducted as planned. However, due to the non-purchase of the necessary software, the implementation was delayed. To address this issue, the Council resolved to proceed with the purchase of the required software. Additionally, a committee was formed to prepare the question bank, with Dr. Rema L P, Head of the Department of Zoology, serving as the convenor. The other members of the committee included Sri. Abdul Lathif C. H, Head of the Department of History, Dr. Abdul Latheef Kozhipparamban, Head of the Department of Arabic, and Dr. Rekha Karim, Head of the Department of English.

*6. Conduct of Practical examination by internal examiners due to COVID 19 pandemic.*

The Council reached a resolution stating that the practical examinations, project evaluations, and viva voce examinations for both undergraduate and postgraduate programs may be conducted by appointing internal examiners. It is important to note that this decision applies exclusively to the regular batches of the academic year 2020-21. However, it was emphasized that all other regulations and requirements for conducting these examinations should be strictly adhered to without any deviations.

*7. Reporting of the comments of the NAAC Peer team by IQAC coordinator.*

The IQAC coordinator, Sri. Santhosh T. Verghese, provided a summary of the comments made by the NAAC peer team during their visit on February 25th and 26th, 2021, specifically addressing curricular aspects. Taking these comments into consideration, the Council reached the following resolutions: a) The Council decided that the question papers for

both undergraduate (UG) and postgraduate (PG) programs must include evaluation questions related to Programme Outcomes. b) It was resolved that the examination calendar should incorporate the schedule for internal evaluation examinations. c) The Council emphasized that all Board of Studies should include at least one add-on course in the curriculum. These resolutions were made with the aim of incorporating the recommendations of the NAAC peer team and enhancing the overall quality and effectiveness of the academic programs.

#### *8. PG Syllabus revision*

The existing PG Syllabus should be revised based on the Outcome Based Education for 2021 admission.

#### *Minutes of the Academic Council on 09/06/2021*

The Academic Council convened its meeting at 3:00 PM in an online mode, necessitated by the COVID-19 pandemic. Dr. Mathew George, the chairman and principal, commenced the proceedings by extending a warm welcome to all the members in attendance. He then proceeded to present the agenda for the meeting. Representing the Chairman, Dr. Krishnakumar K., the Secretary, provided a detailed overview of the agenda and invited the members to engage in a discussion on the presented topics.

Agenda Discussed.

##### ***1. Approval of the Academic Calendar 2021-22.***

The secretary of the council presented the Academic Calendar for the year 2021-22, which was developed by a committee with great attention to detail. The primary objective of the calendar was to ensure that the semester did not overlap with the vacation period and that the duration of the academic programs remained unchanged. After a thorough discussion, the council members made some modifications to the calendar. Specifically, they decided to shift the commencement of the second semester for both undergraduate (2020 admission) and postgraduate (2020 admission) students from July 9, 2021, to August 2, 2021. Subsequent semesters were adjusted accordingly. These modifications were implemented to better align the academic schedule with the council's requirements. Once the modifications were agreed upon, the council approved the revised Academic Calendar.

##### ***2. Conduct of End semester examination and valuation due the COVID-19 pandemic.***

The Council reached a resolution to approve the establishment of off-campus examination centres in various districts. The responsibility of organizing these centres, based on the candidates' needs, was entrusted to the Controller of Examinations. Owing to the COVID-19 pandemic, the Council resolved to modify the existing double valuation system for end semester examinations. Under the new system, only 20% of the answer books would be

randomly selected for external valuation. As a result of this change, students would be allowed to apply for revaluation in accordance with the existing rules of Mahatma Gandhi University. It is important to note that this altered valuation system is applicable only to the current semesters and has been implemented in response to the pandemic. For the sixth semester of undergraduate programs and the fourth semester of postgraduate programs, the Council decided to conduct project evaluations and viva voce examinations internally via online mode. It was mandated that a minimum of two examiners, in addition to the Head of the concerned department, must be present on the examination board.

***3. Award of bonus mark to the students graduated from Maharaja's college for PG admission.***

The Council convened to discuss the proposal of granting bonus marks to students who graduated from Maharaja's College during the admission process for postgraduate programs. After a comprehensive discussion, the Council concluded that the implementation of this practice was neither practical nor in line with the existing policies followed by autonomous colleges. Recognizing the need for further guidance and a thorough assessment of the feasibility of such an initiative, the Council suggested reaching out to the Autonomous Approval Committee or the University. This approach would help determine whether the implementation of bonus marks for Maharaja's College graduates could be considered and, if so, the appropriate steps to take. Therefore, the Council resolved not to implement the bonus mark system at the present time and instead proposed exploring the matter with the relevant authorities for clarification and potential approval.

***4. The Board of Studies for Economics (Honours) and Political Science*** presented a proposal to the Chairman suggesting a modification in the calculation method of the index mark for undergraduate admissions. After thorough deliberation, the Council reached a resolution to approve the proposed change. It was decided that the Council would approach the University to seek the necessary orders for implementing the revised calculation method of the index mark.

5. The Convenor of the Admission (2021-22) Committee submitted a proposal to the Chairman, which included recommendations for the enhancement of admission fees, reduction in the number of options in the application from 5 to 3, appointment of a technical committee for certificate verification, and the inclusion of arts and sports quota in the application process. The Council deliberated on the proposal and resolved that the option for admission should be maintained at 5, as stated in the existing prospectus. However, the other matters mentioned in the proposal were determined to be outside the purview of the Council. Additionally, on the request of the Secretary, Dr. Rema L.P., the Convenor of the question bank preparation Committee, provided a progress report on the preparation of the question bank during the meeting.

## Minutes of the Academic Council on 06/10/2021

The Academic Council convened its meeting at 3:30 PM in an online mode, considering the ongoing COVID-19 pandemic. Dr. Mathew George, the Chairman and Principal, commenced the proceedings by extending a warm welcome to all the members in attendance. He then proceeded to present the agenda for the meeting. Representing the Chairman, Dr. Krishnakumar K., Associate Professor and the Secretary, provided a comprehensive overview of the agenda on behalf of the Chairman and invited the members to engage in a discussion on the presented topics.

### Agenda discussed

#### ***1. Examination related matters informed by the Controller of Examinations.***

a. The Council discussed the pattern of the question paper for the 5<sup>th</sup> semester (2019 admission) and the supplementary examination. It was resolved that the liberalized pattern implemented in the 4<sup>th</sup> semester would also be followed for the 5<sup>th</sup> semester examination. This decision was made in consideration of the online classes conducted due to the COVID-19 pandemic. However, for the supplementary examination, the Council decided to revert to the old pattern (non-COVID-19 pattern).

#### b. Conduct of external evaluation

In response to the COVID-19 pandemic, the Council implemented a system where only 20% of the answer scripts were subjected to external evaluation. After thorough deliberation, the Council resolved to continue with the present system but with the introduction of a centralized valuation camp. However, considering the strong arguments put forth during the discussion, the Council decided to form a committee to thoroughly study the advantages and disadvantages of both the 100% and 20% external valuation systems. This committee would be responsible for preparing a comprehensive report on the matter to be submitted to the Chairman of the Council. The committee consists of Dr. Suresh V N (Head of the Department of Commerce), Dr. N. Shaji (External Member), and Dr. Bloomy Joseph (Head of the Department of Mathematics).

#### c. Conduct of practical examinations

Owing to the COVID-19 pandemic, the practical, viva voce, and project evaluations for both undergraduate (UG) and postgraduate (PG) programs were conducted solely by internal examiners. However, the Council reached a resolution stating that starting from November 1st, 2021, the practical, viva voce, and project assessments would be evaluated by a combination of one external examiner and one internal examiner. This decision was made to enhance the evaluation process and ensure a comprehensive and unbiased assessment of the students' performance.

2. The Chairpersons of the board of studies for chemistry and zoology presented a proposal to the council regarding a change in the distribution of weightage in practical examinations. After careful consideration and deliberation, the council unanimously resolved to approve the proposed change. The specific details of the revised weightage distribution were not provided, but it can be understood that the modifications were deemed appropriate and beneficial by the council members. The revised weightage distribution will likely enhance the assessment process in practical examinations for both Chemistry and Zoology subjects. With the council's approval, the change in weightage distribution will be implemented, reflecting the council's commitment to continually improve and adapt the evaluation methods in the academic curriculum.

3. Admission criteria of music: approved, to be communicated to Mahatma Gandhi University for ratification.

4. Preparation of the comprehensive academic calendar: the academic calendar for the academic year 2021-22 was approved in the council meeting conducted on 09.06.2021. However, based on the suggestion of the NAAC peer team, the council resolved to prepare a comprehensive academic calendar which includes the dates of in-semester examinations as well as the tentative dates of publication of result of each examinations. The calendar has to be prepared under the convenership of IQAC Coordinator. Member Secretary, Controller of Examinations, Academic Monitoring Committee as well as the present Committee involved in the preparation of College Calendar are other members.

5. As permitted by the chair the Council resolved to represent the grievance of the totally blind students for giving additional grace marks to the End Semester examinations after obtaining consent from the University.

### **Minutes of the Academic Council on 04/02/2022**

The academic council began its meeting at 7.30pm in online mode due to COVID-19 pandemic. The honourable Chairman Dr. Pooja P. Balasundaram, teacher-in-charge of the principal, welcomed the members. The secretary Dr. Krishnakumar K., the secretary, presented the agenda in detail on behalf of the Chairman and opened for discussion.

#### **Agenda Discussed**

*1. Examination related matters informed by the Controller of Examinations.*

a. On the basis of a letter from Mahatma Gandhi University, it has been decided in a meeting held on 06/10/2021 that a liberalized pattern of question papers will be implemented for the 5th semester undergraduate (UG) examinations, with the exception of supplementary examinations. The meeting participants discussed and resolved to follow this liberalized pattern of question papers for the academic year 2021-22, in accordance with the directives of Mahatma Gandhi University.

b. Conduct of practical examinations, project viva and comprehensive viva voce examinations during the academic year 2021-22 due to COVID 19 pandemic. It was discussed in detail and resolved the following:

1. Both UG and PG practical examinations and project viva has to be conducted by at least two internal examiners.
2. The project viva of both UG and PG can be conducted online.
3. For PG projects a two stage evaluation may be followed for the fruitful completion of the project, and for comprehensive viva one external examiner to be in the board in addition to one internal examiner.
4. Plagiarism checking has to be adopted as a desirable practice in the PG projects.

c. Issues of provisional degree certificate and migration certificate.

As per the communication from Mahatma Gandhi University (Order No. 6020/Ac B7/202 I/MGU dated 12.11.2021) autonomous colleges were authorized to issue provisional degree certificate and migration certificate to students. It was resolved that these certificates can be issued to the students from 2021-22 academic year by the Controller of Examinations on fulfilling other stipulations.

d. Modification of the MC PGP-CSS 2019 regulation for the conduct of comprehensive viva-voce. As per the order No. 4054/AC A9/202 1/M1GU dated 17.08.2021 of Mahatma Gandhi University modified the PG CSS Regulation 2019. It was discussed and the following amendments were incorporated in the MC PGPCSS-2019 regulations.

**Comprehensive viva-voce:**

Components	Internal (CE) weight	External (ESE) weight
Basic knowledge and presentation skills	1	3
Topic of interest	1	3
Knowledge of courses	3	9
<b>Total</b>	<b>5</b>	<b>15</b>



## **2. Presentation of the report of the Reforms in the regulations of valuation of answer scripts of end semester examinations of UG and PG examinations.**

A committee was constituted under the chairmanship of Dr. Suresh. V.N, HoD Commerce in the Academic Council meeting on 06.10.2021. The submitted report was exhaustively discussed and resolved the following:

1. 100% internal evaluation and 20% of the answer scripts undergone internal evaluation are to be randomly selected and to be subjected for external evaluation.
2. The chief valuation is to be continued. The HoDs should ensure the effective and timely chief evaluation.
3. If the difference in marks/weightage obtained (in 1<sup>st</sup> and 2<sup>nd</sup> valuation) is more than 20% of the maximum marks/weightage, then such answer scripts should be valued further by a different internal examiner. The average of the 3<sup>rd</sup> valuation and nearest to (scored in 1<sup>st</sup> or 2<sup>nd</sup> valuation) will be the final marks/weightage.
4. If 50% or more of the externally valued answer scripts of any course shows 20% variation in marks/weightage, the marks/weightage of the courses to be disclosed (only after 3<sup>rd</sup> valuation of all answer scripts by an internal examiner) to the HoD concerned by the Controller of Examinations (CE) for its appraisal. If the mistake was from the external examiner, the matter is to be informed to the CE; if by the internal examiner proper warning to be given by the HoD. The details of external examiner should not be disclosed under any circumstances.
5. The Council also suggested a periodical appraisal of the evaluation by a team of external examiners.
6. The present revaluation system is to be followed.

## **3. Modification of Syllabus of B.A English proposed by the Department of English.**

The Board of Studies in English have recommended marginal changes in the modules and hour distribution for the 3rd, 4th, 5th, and 6th semesters of the B.A. English program on 11.11.2021. These recommendations were approved and it was further recommended to communicate them to Mahatma Gandhi University.

## **4. Approval of the Syllabus of the Integrated Programme in Archaeology and Material Cultural Studies.**

The Board of Studies in Archaeology and Material Cultural Studies finalized the syllabus on 18.01.2022 and requested to approve the same. It was discussed and resolved to approve and forward the same to Mahatma Gandhi University. The secretary suggested to obtain clarifications from University regarding the exit provision from the course on completion of 3 years as well as the regulations regarding Integrated Programme.

## 5. Inclusion of the Internship in the PG programme

A previous decision had already been made to introduce an internship in the PG Programme starting from the 2022 admissions. It was resolved that each student should complete a minimum of 10 days of internship before the conclusion of the 4<sup>th</sup> semester. In order to implement this, the MC PGP-CSS Regulations 2019 will be amended accordingly.

### Minutes of the Academic Council on 21/04/2022

The academic council began its meeting at 3.00pm via online mode. The honourable chairman Dr. V. Anil., Principal, welcomed the members and presented the agenda. The secretary Dr. Krishnakumar K. presented the agenda in detail on behalf of the chairman and opened for discussion.

#### **Agenda Discussed.**

##### *1. Approval of the PG Regulation and revised Syllabi of the PG programmes (2022 admission onwards).*

As per the decision of the Academic Council on 10.03.2021 the Board of Studies (BoS) of Arabic, botany, chemistry, commerce, English, economics, history, Hindi. Islamic History, mathematics, Malayalam, music, physics, political science, philosophy, Sanskrit, statistics, zoology and geology revised their Syllabi and presented it before the Academic Council. The Secretary informed that one of the external member, Prof. (Dr.) K G. Poulouse, has an inconvenience in attending the meeting hence his suggestions will be communicated to the Council via email, also announced that the Chairman of the BoS concerned should note the suggestions of the external members as it was purely related to the Programme concerned and incorporate the same accordingly. The council exhaustively discussed each restructured syllabus. The Chairman of each BoS presented the revised Syllabus. While on discussion the following suggestions were made by the external members. Prof. (Dr.) Jayachandran, School of Biosciences, MG University suggested the inclusion of rubrics in the implementation of outcome based education (OBE). The Secretary assured that it would be discussed in the next Council after a thorough discussion with the internal members. Dr. N. Shaji suggested the feasibility of provision for common course for different programmes; he strongly discouraged the inclusion of astrology in the Syllabus of Sanskrit; he also suggested the inclusion of western music in Music Syllabus. Prof. (Dr) Beena Mathew, School of Chemical Sciences, suggested some modifications in the electrochemistry. Dr. Ajithkumar suggested the modifications in the syllabi of economics and statistics. After a thorough discussion the Council resolved to approve and recommended the PG Regulation and Syllabi of various PG Programmes mentioned above.

Dr. Shinas PA and Dr. N. Shaji have suggested the setting of question papers by the internal faculty. The secretary informed to the Council that this shall be implemented during the question bank preparation in connection with the conduct of End semester examinations.

The Chairman as well as the Secretary informed to the Council that the restructured Syllabus of the Geology programme was not followed certain components of the OBE hence require a modification, thus the Council resolved that the BoS should follow the OBE and shall incorporate the same and the Chairman of the Council is entrusted to approve the syllabus after the modification suggested by the Council.

## 2. Approval of the Academic Calendar 2022-23.

The Secretary presented the Academic Calendar 2022-23 which was communicated to all members. Dr. Angel Mathew of statistics informed that the UG and PG would not be able to start on June 2022. Dr. Sunilkumar S. Menon of economics and Dr. Suresh V. N. of commerce also expressed the same concern as well as suggested to extend certain semesters for completing the syllabi. Dr. Bloonny Joseph of mathematics suggested that the calendar is not realistic because the syllabus would not be completed especially for the running IV semester of PG. She also requested the Chairman of the Council to reduce some portions of the syllabi. The Secretary informed the Council that the Academic Calendar was prepared in such a way that the vacation days were excluded. The Chairman given a detailed narration on every matter presented, also informed that minor changes may be permitted for commencement of 1 UG and I PG 2022 admission. This will be taken only after the 2022 admission. The Council resolved to approve the Academic Calendar of 2022-23.

## 3. Correction in the Prospectus of 2022 UG/PG admission.

The BoS of Islamic History and History submitted a letter to the Chairman that certain errors were noted in the prospectus. Hence it is resolved to modify as follows and effective in the 2022 admission.

The eligibility criterion for the admission to I MA Islamic History Programme:

CBCSS (2009) indirect Grading	CBCCS Direct Grading	Candidates who have passed qualifying examination with others patterns
Graduation in any subject in the faculty of social sciences or graduation in English/Arabic/Malayalam with not less than CGPA of 4.5 out of 10.00 in the core group (Core + Open +Complementary) or graduation in Mass Communication and Journalism recognized by M G University.	Graduation in any subject in the faculty of social sciences graduation in English/Arabic/Malayalam with not less than CCPA of less than of 1.8 out of 4 in the core (Core +group Open Complementary) or Graduation in Mass Communication Journalism recognized by MG University	Graduation in any subject in the faculty of social sciences or graduation in English/Arabic/Malayalam with not less than 45% marks in the Part III subjects or graduation on Mass Communication and Journalism recognized by M.G. University.

Weightage of 10 marks shall be given to the candidates who have studied Islamic History as optional. 75% of the total seats would be reserved for B.A. Islamic History (Main candidates)		

**The eligibility criterion for the admission to I MA History Programme is given below:**

<b>CBCSS (2009) indirect Grading</b>	<b>CBCCS Direct Grading</b>	<b>Candidates who have passed qualifying examination with others patterns</b>
Graduation in any subject in the faculty of social sciences or graduation in English (Model I/II/III) or law with not less than CGPA of 4.5 out of 10.00 in the CCPA of less than of 1.8 out of 4 in core group (Core + Open + complementary)	Graduation in any subject in the faculty of social sciences or graduation in English (Model I/II/III) or law with not less than CGPA of 1.8 out of 4 in the CCPA of less than of 1.8 out of 4 in core group (Core + Open + complementary)	Graduation in any subject in the faculty of social sciences or graduation in English (Model I/II/III) or law with not less than 45% marks in the Part III subjects.
Weightage of 10 marks shall be given to the candidates who have studied History as optional. 75% of the total seats would be reserved for B.A. History (Main candidates)		

#### **4. Nomination of the external members to the IQAC**

The Secretary informed that the members in the panel have not given the consent and hence the exercise has been deferred.

#### 4. Research Advisory Committee

Research plays a critical role in the growth and development of an autonomous college in the Indian context, and for that matter everywhere. In today's competitive environment, research serves as a tool to enhance the academic and research profile of an institution. Through research, an autonomous college can generate new knowledge, develop innovative ideas, and enhance the quality of its teaching and learning practices. In India, research is vital for promoting economic growth, societal development, and solving pressing issues such as poverty, inequality, and environmental challenges. Moreover, research provides opportunities for students to engage in critical thinking, problem-solving, and creativity, preparing them for future careers and contributing to the nation's intellectual capital. Therefore, research is an essential component of an autonomous college in India, contributing to the institution's growth, development, and impact on society.

A Research Orientation Programme refers to a systematic examination of the foundations, quality, and outcomes of faculty members' and research scholars' work. Such a program is crucial for guiding and educating researchers towards a professional research-oriented practice. By participating in such a program, researchers can hone their skills and become experts capable of identifying, refining, and redefining problems, as well as assessing and analysing complex situations. This approach fosters an environment of critical thinking and ensures that research is conducted at the highest level of quality, ultimately leading to more impactful outcomes. The aim of this programme is to help faculty members and research scholars in understanding the intricacies of writing a paper, improving citations and getting it published in quality journals. It also focus on how to find the funding agencies and experts with time and effort saving.

With the onset of the COVID-19 pandemic and subsequent lockdowns, educational boards mandated that colleges transition to online classes. In response, the Research Committee at Maharaja's College conducted a series of webinars as part of their 2021 Research Orientation Programme. This initiative was taken to ensure that research scholars and faculty members were equipped with the necessary skills to conduct research in an online environment. By hosting these webinars, the committee aimed to create a platform for knowledge exchange and to foster a culture of research and innovation even in the midst of challenging circumstances.

The following sessions were conducted as part of research orientation programme.

- a) Dr. Sitanshu Sekhar Das, an esteemed Assistant Professor at Rajagiri Business School in Kochi, was invited to deliver a series of lectures on Open Access Publishing, publishing misconduct, and research metrics as part of the Course Work Webinar Series organized by the Research Committee of Maharaja's College, Ernakulam. The first lecture was held

on 8th June 2021 from 2:30 PM to 4:00 PM through Google Meet, with the topic focusing on Open Access Publishing. The second lecture, which centered on Open Access Publishing and publishing misconduct, was delivered on 9th June 2021 from 2:30 PM to 4:00 PM through Google Meet as well. Finally, Dr. Das gave a lecture on research metrics on 10th June 2021 from 2:30 PM to 4:00 PM, which was also held via Google Meet. The links for the webinars were as follows: [meet.google.com/ovj-sckp-suo] for the first lecture, [meet.google.com/ovb-irwx-gfi] for the second, and [meet.google.com/otf-huob-xjq] for the third. The insightful lectures were well-received by the attendees and provided valuable knowledge and insights into the world of research and publishing.

- b) Dr. Reinhart Philip, Assistant Professor in the Department of International Relations & Politics at the Central University of Kerala, Kasaragod, delivered three insightful lectures via Google Meet in June and July 2021. On 28th June (Monday), from 02:30 PM to 04:00 PM, Dr. Philip spoke on philosophy and research, providing valuable insights on the subject. On 2nd July (Friday), from 03:00 PM to 04:30 PM, he delivered a lecture on the scientific conduct of research, where he discussed the importance of maintaining ethical standards in research. On 5th July (Monday), from 03:00 PM to 04:30 PM, he gave a talk on ethics in research, providing valuable insights on ethical issues in research. The lectures were hosted on Google Meet and can be accessed at the following links: [meet.google.com/eoh-mdiz-pvc], [meet.google.com/jdp-ebgn-swb], [meet.google.com/rvp-nadj-ksw]. These lectures provided an excellent opportunity for students and researchers to learn from Dr. Philip's vast knowledge and expertise in the field.
- c) Dr. Vneeth K M, Assistant Professor of commerce at Government College, Tripunithura, delivered two lectures via Google Meet in September 2021. On 7th September (Tuesday), from 7:30 PM to 9:00 PM, Dr. Vneeth K M spoke on citation and referencing using Zotero, providing valuable insights on the subject. On 8th September (Wednesday), from 7:30 PM to 9:00 PM, he delivered a lecture on plagiarism checking and paraphrasing, where he discussed the importance of maintaining academic integrity and avoiding plagiarism in research. The lectures were hosted on Google Meet and can be accessed at the following links: [meet.google.com/xjf-jfof-rfe] and [meet.google.com/orf-qrxz-mqt]. These lectures provided an excellent opportunity for students and researchers to learn from Dr. Vneeth K M's vast knowledge and expertise in the field of citation and referencing, as well as academic integrity.
- d) Mr. Shihab I., librarian in the Department of Islamic Studies at the University of Kerala, Thiruvananthapuram, was invited to deliver two lectures on Open Educational Resources (OER) for learning, teaching, and research. The first lecture took place on November 13th, 2021, from 10:30 AM to 12:00 PM, and was conducted via Google Meet at meet.google.com/das-ncto-pdp. The second lecture, which was part II of the series,

was held on November 27th, 2021, from 10:30 AM to 12:00 PM, also through Google Meet at [meet.google.com/soz-nhxv-jdg](https://meet.google.com/soz-nhxv-jdg). Both lectures were informative and provided valuable insights on the use of OER in education and research.

- e) Mr. Jasimudeen , Senior Library Manager, St. Stephens College, Uzhavoor, delivered an invited lecture on trends in academic plagiarism as part of the Course Work Webinar Series on 21.11.2021 from 2.30 PM to 4.00 PM, through Google Meet [[meet.google.com/imq-uyun-rgf](https://meet.google.com/imq-uyun-rgf)].
- f) In addition to the programmes mentioned above, the researchers of the college conducted a series of seminars. They covered topics such as plagiarism, data fabrication, and research misconduct, and provided guidelines on how to conduct research with integrity. The sessions on research methodology addressed the fundamental principles of research design, data collection, and data analysis. The seminars were conducted by experts in their respective fields, who provided valuable insights and practical advice to the scholars. The scholars actively participated in the seminars and had the opportunity to ask questions and clarify doubts. On balance, these seminars were a valuable addition to the University's academic program and helped to promote ethical and rigorous research practices among its scholars.

## 5. Admissions

### Undergraduate programmes

In response to the outbreak of the Covid-19 pandemic, the admission process for undergraduate programs was shifted to online mode for the safety and convenience of the applicants. The online registration process for these programs commenced on July 30, 2021, and was open until August 10, 2021. This move to an online admission process was implemented to facilitate a smooth and hassle-free application process, while also ensuring the safety of the applicants, faculty, and staff.

We are pleased to announce that we have received a staggering 40,351 applications for the 21 undergraduate programs. The applications received were for various programs, with the maximum number of 4,784 applications received for B.A. English (English Language and Literature, Model I). This high number of applications for B.A. English reflects the popularity and demand for this program among the student community. On the other hand, the program with the least number of applications was B.A. Music, for which we received a total of 129 applications.

We are excited and grateful for the overwhelming response to our undergraduate programs, and we thank all the applicants for their interest in our institution. The admission committee will now begin the process of screening the applications and shortlisting candidates for the next round of the admission process. We wish all the applicants the very best of luck and look forward to welcoming the new batch of students to our institution.



Following the closure of the online registration process on August 10, 2021, the admission committee of our institution began the process of shortlisting candidates for the next stages of the admission process. On August 16, 2021, a draft index was published, which included the list of candidates who had qualified for the next stage of the admission process. This draft index was published on the official website of our institution and was made available to all the applicants.

The Department of Music also conducted an aptitude test for the applicants who had applied for admission to the department. This aptitude test was conducted on August 17, 2021, and was aimed at assessing the applicants' skills and knowledge in music. The test was conducted online, and the applicants were required to appear for the test from their homes or any other convenient location. The results of the aptitude test were announced shortly after its completion, and the shortlisted candidates were informed about the next stage of the admission process.

On August 24, 2021, the rank list for the sports/ arts/ DA category was published on the official website of our institution. This list included the names of the candidates who had applied under the sports/ arts/ DA category and had qualified for the next stage of the admission process. The candidates in these categories were selected based on their performance in the relevant areas and were given admission to the various undergraduate programs on August 31, 2021.

We are pleased to announce that the admission process for our undergraduate programs has been going smoothly, and we have received a tremendous response from the applicants. The admission committee is working diligently to ensure that the admission process is fair, transparent, and efficient. We wish all the candidates the very best of luck and look forward to welcoming the new batch of students to our institution.

Following the completion of the aptitude test and the shortlisting of candidates for the various categories, the admission committee of our institution published the provisional rank list and the sure list for the first allotment on August 31, 2021. The list was published on the official website of our institution and was made available to all the candidates who had applied for admission to our undergraduate programs.

After the publication of the rank list, the applicants were required to verify their relevant documents online. This was done to ensure that all the documents submitted during the online registration process were authentic and valid. After the verification process was completed, the candidates were allowed to make online fee payments between September 8, 2021, and September 9, 2021. This was a crucial step in the admission process, and the candidates were advised to make the fee payment within the stipulated time to secure their admission.

The dates for reporting at the college for the submission of original documents and other payments were between September 10, 2021, and September 15, 2021. The candidates

were required to report to the college on the specified dates to submit their original documents and make the necessary payments. It was mandatory for the candidates to complete this step to secure their admission to the undergraduate program of their choice.

Finally, the classes for the academic year 2021-22 commenced on October 11, 2021. The students who had completed the admission process and had secured their admission to the undergraduate programs were required to attend the classes from this day. The faculty and staff of our institution welcomed the new batch of students and wished them all the best for their academic journey.

We are pleased to announce that the admission process for our undergraduate programs has been completed successfully, and we have admitted a talented and diverse group of students to our institution. We wish all the students the very best of luck for their academic pursuits and look forward to seeing them excel in their chosen fields.

### **Postgraduate programmes**

In line with the Covid-19 pandemic guidelines and to ensure a seamless admission process, our institution decided to conduct the admission process for the postgraduate programs online. The online registration for various PG programs started on August 17, 2021, and the last date for online registration was September 13, 2021. We received a total of 7,176 applicants for various PG courses, indicating a healthy interest in our institution.

The draft index for the postgraduate programs was published on September 15, 2021. Following this, the sports/arts/DA rank list was published on September 22, 2021. On September 16, 2021, an aptitude test was conducted for admission to the Department of Music. The admission committee then published the provisional rank list and the sure list for the first allotment on September 22, 2021. The list was published on the official website of our institution, and the candidates who secured admission were required to upload all the relevant documents by September 26, 2021.

The heads of all departments verified all the documents uploaded by the students before September 29, 2021. This was done to ensure that all the documents submitted were authentic and valid. Once the verification process was completed, the students were allowed to make the fee payment from September 30, 2021, onwards.

Finally, the classes for the postgraduate programs commenced on October 25, 2021. The students who had completed the admission process and had secured their admission to the postgraduate programs were required to attend the classes from this day. The faculty and staff of our institution welcomed the new batch of students and wished them all the best for their academic journey.

We are proud to have completed the admission process for our postgraduate programs successfully, and we have admitted a talented and diverse group of students to our institution.

We wish all the students the very best of luck for their academic pursuits and look forward to seeing them excel in their chosen fields.

## **6. Controller of Examinations**

The examination wing encountered numerous challenges throughout the academic year 2021-22, similar to the previous year, due to the ongoing COVID-19 pandemic. While the uncertainties caused by the lockdowns had diminished, the examination-related tasks had not returned to normalcy. Many pending examination works from the previous academic year extended into the current year, further complicating the already disrupted working schedules of the Controller of Examinations Office.

The education sector swiftly adapted to the new circumstances by embracing technology. Various curricular activities such as teaching, learning, internal assessment, viva voce, and even admission procedures successfully transitioned to online platforms. However, the adoption of technology for conducting examinations and evaluations posed challenges due to their specific nature. As a result, these tasks had to be carried out in the traditional manner.

Furthermore, several modifications were implemented in the conduct of examinations and evaluations. The practice of employing modified, yet more flexible, question paper patterns continued to benefit undergraduate (UG) and postgraduate (PG) students. This approach aimed to address any potential shortcomings arising from online classes.

As an autonomous college completes each academic year, the workload of the examination wing naturally increases. This is due to managing additional regulations, multiple batches of students, an increased number of mark lists, and other databases. However, during the academic year 2021-22, the Office of the Controller of Examinations faced an extraordinarily high volume of work, primarily due to the aforementioned circumstances.

### Revised Regulations

The regulations governing the postgraduate (PG) programs were initially revised in 2016, a year after the college attained autonomous status. Consequently, PG students admitted in the years 2016, 2017, and 2018 were subject to the revised regulations. From the 2019 PG admissions onwards, the second syllabus was implemented, transitioning to an outcome-based education approach. Under the revised regulations, a direct grading system was introduced across all PG programs. Similarly, the undergraduate (UG) regulations underwent their first revision in 2016. As a result, UG students admitted in the years 2016, 2017, 2018, and 2019 were

governed by the revised regulations. The UG regulations were revised for a second time, taking effect from the 2020 admissions and onward, fully embracing the outcome-based education model. During this academic year, the examination cell faced the challenge of managing examinations under three different sets of regulations, including supplementary examinations. Each new regulation placed additional responsibilities on the Office of the Controller of Examinations.

### Examination Schedule

In previous years, the examination cell would diligently create the examination schedule in alignment with the college's academic calendar well in advance of the academic year. This schedule was then presented to the Academic Council and Governing Body for approval. However, the unprecedented uncertainties brought about by the pandemic and subsequent lockdowns hindered the ability to prepare a comprehensive examination schedule in advance during the academic year. Despite this challenge, notifications for all examinations during the designated period were promptly published well in advance to ensure the convenience of the candidates.

### Board of Question Paper Setters

For each semester examination, boards of question paper setters were established, comprising members selected from the lists provided by the respective Boards of Studies. Separate boards were formed for the postgraduate (PG) and undergraduate (UG) programs. The primary responsibilities of these boards were to create outcome-based question papers for each course, along with their corresponding answer keys or valuation schemes. The boards ensured that the question papers adhered to the prescribed standards and covered the syllabus as designated.

To facilitate this process, the external question paper setters received the relevant syllabus, a model question paper, and the approved question pattern blueprint for each course well in advance. Based on these materials, the external question paper setters prepared three sets of question papers, along with their respective answer keys or valuation schemes, ensuring timely delivery. This undertaking demanded meticulous efforts, significant time investment, and extensive correspondence, all while maintaining strict confidentiality.

Scrutiny Board

### Scrutiny of question papers

The scrutiny of each course's question paper was conducted by a scrutiny board, which consisted of the chairman and a senior member from the board of question paper setters. The primary objective of the scrutiny board was to ensure that the question paper aligns with the prescribed syllabus, contains no errors, maintains consistent standards across optional questions, and reflects the appropriate level of difficulty in line with the course outcomes. Once the scrutiny process was completed, the chairman personally handed over all the question papers, along with their corresponding answer keys, to the Controller. These question papers were securely sealed and properly labelled in separate envelopes to maintain confidentiality and integrity.

### **Question Paper Selection**

The Controller personally selected the actual question paper for each course's examination by randomly picking one from the three sets of scrutinized question papers. Subsequently, the Controller assigned random question paper codes to each selected question paper. Before the final printing, the draft question papers underwent another round of careful scrutiny by the Controller. The printing, packing, and labelling of all the question papers were carried out with utmost caution, prioritizing security and maintaining strict confidentiality. The Controller directly supervised these processes to ensure the integrity and confidentiality of the question papers. The entire procedure demanded meticulous attention to detail, diligence, and a commitment to maintaining confidentiality throughout.

### Question Paper Pattern

To address any potential shortcomings of the newly introduced online classes, a relaxed pattern of question papers was implemented specifically for regular students attending online classes. The existing question papers, which were initially prepared following the traditional pattern, had to be modified to incorporate additional internal optional questions in each paper. This modification aimed to benefit the students by providing them with more options to choose from within the question papers. However, it is important to note that the regular pattern of question papers had to be maintained for candidates appearing in supplementary examinations. This additional task of modifying question papers to accommodate the relaxed pattern for regular students while adhering to the usual pattern for supplementary candidates posed significant challenges for the Office of the Controller of Examinations. The office had to navigate this difficult task while ensuring the smooth conduct of examinations for all students.

### Examination Timetables

The notification and timetable of various end semester examinations were published one month prior to the commencement of the examinations. Adequate time was given to the candidates to register and pay the examination fee every time. The notification was published in the college website every time. The notifications were shared through social media in order to ensure that each candidate gets the information immediately.

Table No. 1 gives the list of all UG examinations conducted during the academic year 2021-22.

**Table No. 1 - UG Examinations**

<b>Name of Examination</b>	<b>Exam Started on</b>	<b>Exam ended on</b>
UG Semester - V 1. Regular (2019 admission) 2. Supplementary (2018, 2017 and 2016 admissions)	27.01.2021	05.02.2021
UG Semester - III 1. Regular (2020 admission) 2. Supplementary/Improvement (2019 admission) 3. Supplementary (2018, 2017 and 2016 admissions)	10.02.2021	05.03.2021
UG Semester - I 1. Regular (2021 admission) 2. Supplementary/Improvement (2020 admission) 3. Supplementary (2019, 2018, 2017 and 2016 admissions)	16.04.2021	16.08.2021
UG Semester - VI 1. Regular (2019 admission) 2. Supplementary (2018, 2017 and 2016 admissions)	28.06.2021	07.07.2021
UG Semester - IV 1. Regular (2020 admission) 2. Supplementary/Improvement (2019 admission) 3. Supplementary (2018, 2017 and 2016 admissions)	23.07.2021	04.08.2021
UG Semester - II 1. Regular (2021 admission) 2. Supplementary/Improvement (2020 admission)	13.09.2021	24.09.2021

3. Supplementary (2019, 2018, 2017 and 2016 admissions)		
UG SAY Examination – Semester V and VI	06.09.2021	10.09.2021
	13.09.2021	17.09.2021

### SAY examinations

The SAY (Save a Year) examinations for all courses of semester V and semester VI of all UG programmes is conducted for the final year UG regular students after the publication of results of semester VI. Those regular students who have passed all the courses of the first four semesters are eligible to apply for the SAY examinations. The results were published immediately, taking special efforts, so that the passing students can apply for PG programmes without losing a year waiting for the next supplementary examinations.

**Table No. 2 - PG Examinations**

Name of Examination	Examination Started on	Exam ended on
PG Semester – III 1. Regular (2020 admission) 2. Supplementary (2019 and 2018 admissions)	27.01.2021	08.02.2021
PG Semester – I 1. Regular (2021 admission) 2. Supplementary (2020, 2019, and 2018 admissions)	17.04.2021	13.08.2021
PG Semester – IV 1. Regular (2020 admission) 2. Supplementary (2019 and 2018 admissions)	29.06.2021	08.07.2021
PG Semester – II 1. Regular (2021 admission) 2. Supplementary (2020, 2019, and 2018 admissions)	10.09.2021	25.09.2021

### ‘Mercy Chance’ Examination



As per the regulation, UG candidates of 2015 admission and PG Candidates of 2015 and 2016 admission can no longer appear for supplementary examinations. However, as decided by the Governing Body special examinations called 'Mercy Chance' were conducted for all courses of all semesters of all UG and PG programmes for the above candidates. This was the very first time, Maharajas College conducted the Mercy Chance examination, after becoming autonomous.

Applications for the examination had to be accepted offline. Additional question papers had to be set for the previous regulations. Due to meticulous planning and execution, the entire examinations could be completed in around eight weeks from 16.03.2022 to 12.05.2022. Results of the examinations were also published in a time bound manner.

#### Examination Registration

Examination registration and fee payment were fully online for regular students during the academic year. As per the extant government orders and other rules and regulations fee concession was given to the eligible candidates. Authenticated hall tickets for the eligible candidates were generated from the examination management software and made available to the candidates.

#### Attendance

Although all the programme regulations have made 75% attendance mandatory for appearing for the examinations, this requirement was relaxed this year too in view of the government orders and in view of the online classes.

#### Additional Chief Superintendent

The Principal is the Chief Superintendent of all examinations conducted in the college. An Additional Chief Superintendent was also appointed for all UG and PG examinations conducted during the academic year 2021-22. The Additional Chief Superintendent carried out the important task of conducting the examinations as per the timetable, availing the services of required number of the faculty as invigilators. Preparation of class rooms marking register numbers, preparing seating plan, distribution of the examination materials and answer scripts on each day of examination, receiving back the answer scripts, preparation of mandatory forms, packing the answer scripts, etc are some of the other functions of the Additional Chief Superintendent. The services of the non-teaching staff are also availed for the orderly conduct of the examinations.

#### Assigning False Number on Answer Scripts

On receipt of answer script bundles from the Additional Chief Superintendent, the answer scripts and once again counted manually to mark the absentees. Then these are sorted course wise and programme wise in order prepare it for valuation. Thereafter, portion of each of the answer sheets where the students write their register number are teared off, and a false number is assigned on each and every answer script in order to hide the identity of the

candidate. This is a time consuming task requiring extreme care and diligence. Barcodes based on false numbers were generated separately for each course of UG and PG programmes.

#### Board of Examiners

During the previous years, the double valuation system had been followed for valuation of each answer scripts of end semester examinations for all UG and PG programmes. However, due to the prevalence of the pandemic, the College Academic Council decided that only twenty percent of the answer script for each course need to be subjected to the external valuation.

The Boards of Examination consisting of internal and external examiners were constituted from the panels received from the Board of Studies of each programme. Separate boards were constituted for practical examinations and viva voce.

#### Valuation of Answer Scripts

The college follows double valuation of answer scripts of end semester examinations of UG and PG programmes. This year also, the valuation was conducted by both internal examiners as well as external examiners immediately after the examination; the first valuation was carried out by the internal examiner and the second by the external examiner. The valuation is based on meticulously prepared schemes of valuation. In view of the pandemic spread, the practice of centralized valuation camps was dispensed with and the internal examiners were allowed to take the answer scripts home for valuation. External valuation of answer scripts was conducted either in centralized valuation camps or by home valuation.

If there is a difference of the marks awarded in internal and external valuation, the average of the two is taken as the final mark. If the variation in marks of internal and external valuation exceeds 20%, such answer scripts are sent to a senior internal or external examiner for a third valuation, after assigning another false number. In such cases, the final mark will be calculated as the average of the mark awarded in the third valuation and the one nearest to it from the two earlier valuations.

#### Practical Examinations

Practical examinations were conducted soon after the theory examinations as per the time table set by the departments concerned. The Controller of Examinations appointed the external examiners from the panel submitted by the departments. Timetable for conducting practical examinations were also communicated to the candidates well before the examinations.

#### Project Evaluation & Viva Voce

In view of the limitations due to the coronavirus pandemic, the requirement of the evaluation of project reports by external examiners was dispensed with for both final year UG and PG programmes. Similarly, the requirement of external examiners for the comprehensive viva voce for final year PG programmes was also done away with. However, these evaluations were carried out by internal examiners in a timely manner.

#### Tabulation of Marks

The process of calculating the final marks from the different valuations is automated through examination software. The internal assessment marks of all semesters were uploaded by the tutors of each class. The results as well as analysis of the final results of each semester were printed for the consideration of the Pass Boards concerned.

#### Pass Boards

The Pass Board of each department consists of the chairman and two senior examiners who have valued the answer scripts. Separate pass boards for each semester were constituted, and convened its meeting immediately after the tabulation of marks is completed. Result statistics of each course were presented before the Pass Board for consideration and approval. The minutes of the Pass Board duly signed by the members have been kept at the CE office.

Pass Board for VI Semester UG and IV Semester PG examinations were conducted. The results of VI Semester UG and IV Semester PG examinations were published by the Governing Council.

#### Publication of Results

After the approval of the results by the respective Pass Boards, the results were published by the Governing Council of the college. The results of all end semester examinations of all UG and PG programmes were published on time without any grievance. Computerized grade cards were issued semester wise immediately after the publication of results.

Grace marks were awarded to applicants for their achievements in Sports, Arts, NCC and NSS. It was awarded strictly as per the regulations of Mahatma Gandhi University.

**Table No. 3 - UG Examination Results**

Name of Examination	Date of Last Exam (Theory)	Result Published on	Number of Days Taken to Publish Results	Number of Days from the End of Practicals
UG Semester – V	05.02.2021	30.03.2021	54	12
UG Semester – III	05.03.2021	06.05.2021	62	20
UG Semester – I	16.08.2021	26.10.2021	70	
UG Semester – VI	07.07.2021	09.08.2021	32	7
UG Semester – IV	04.08.2021	08.09.2021	34	21
UG Semester – II	24.09.2021	12.11.2021	47	14
UG SAY Examinations	10.09.2021	20.09.2021	10	10

	17.09.2021	20.09.2021	3	3
UG Mercy Chance	12.05.2022	04.07.2022	53	

**Table No. 4 - PG Examination Results**

Name of Examination	Date of Last Exam (Theory)	Result Published on	Number of Days Taken to Publish Results	Number of Days from the End of Practicals
PG Semester – III	08.02.2021	30.04.2021	81	
PG Semester – I	13.08.2021	26.10.2021	73	
PG Semester – IV	08.07.2021	09.08.2021	31	7
PG Semester – II	25.09.2021	12.11.2021	47	14
PG Geology-Semester I	17.08.2021			
Special Examinations Semester – IV	25.09.2021	12.11.2021	47	
PG Mercy Chance (2015)	20.04.2022	04.07.2022	74	
PG Mercy Chance (2016)	18.04.2022	07.07.2022	76	

**Table No. 5 – UG Result Summary (Regular)**

UG Programmes	No. of Students Appeared	No. of Students Passed	Pass Percentage
Semester I	768	484	63.20%

Semester II	742	436	58.76%
Semester III	694	481	69.31%
Semester IV	678	463	68.29%
Semester V	618	446	72.17%
Semester VI	614	459	74.76%

A summary of results of all PG programmes combined is provided below. (The results of revaluation is not effected)

**Table No. 6 – PG Result Summary (Regular)**

PG Programmes	No. of Students Appeared	No. of Students Passed	Pass Percentage
Semester I	446	373	83.63%
Semester II	444	383	86.26%
Semester III	343	306	89.21%
Semester IV	334	305	91.32%

#### Tabulation Register

After the publication of the results of the final year UG and PG students, their marks of all semesters are consolidated and the final mark list was prepared, incorporating the changes on account of improvement examinations, supplementary examinations and award of grace marks. This year the mark lists of both UG and PG were generated and printed using the examination management software. A lot of effort had to be taken to complete the process without any error.

Along with the issuance of the final mark sheets, a consolidated tabulation register had to be prepared for both UG and PG and sent to the Mahatma Gandhi University who issues the final degree certificates to the candidates. This was also a tedious task to complete within a time limit ensuring error free output.

#### Mark List and Position Certificate

The mark list of final semester regular students as well as previous students who passed the programme in supplementary examinations were printed and distributed to the candidates in a very efficient manner. The students could use the mark list on time for various purposes

including further studies. Requests from various agencies for verification of the contents of the mark lists issued were also completed immediately for the benefits of the students.

In addition to the mark lists, rank position certificates to top 10 students of every programme were issued on application basis.

#### Provisional Degree Certificate

As the University entrusted that task of issuing the provisional degree certificates to autonomous colleges, the CE office faced another new additional challenge in the academic year. The task was undertaken by the CE office amidst the other increasing works, and was completed successfully. This facility helped students to get their provisional certificate earlier, easily and without going to the university.

#### Grievances

Students were allowed to apply for Recounting, Challenge Valuation and viewing the photocopy of the answer scripts on payment of the required fee within 14 days from the publication of results. Those who failed in internal assessment can apply to redo the internal assessment with their junior batch after paying the prescribed fee. Table No. 7 gives the number of applications received under each category of grievance redressal.

**Table 7 - Number of grievance applications received**

Semester	Re-totalling	Challenge Valuation	Revaluation <sup>1</sup>	Request for Copy of Answer Script
UG Semester I			65	
UG Semester II			37	
UG Semester III		10		
UG Semester IV			30	
UG Semester V		21		
UG Semester VI			25	1
PG Semester I			20	

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<sup>1</sup> Revaluation was introduced in the place of Challenge Valuation following the introduction of the same in Mahatma Gandhi University.

PG Semester II			39	
PG Semester III		24		
PG Semester IV			7	

#### Continuous Internal Assessment System

The evaluation scheme for each course contains two parts; (a) in-semester evaluation and (b) end-semester evaluation. In-semester evaluation is out of 20 marks and end-semester evaluation is out of 80 marks. Regarding in-semester evaluation, each course will be assessed on the basis of different criteria such as attendance, tests, assignment and seminar.

Two internal assessment examinations were conducted in each semester out of 40 marks. Question papers were set by the respective faculty in charge of each course. At the end of each semester, course specific internal assessment marks (Form A) and consolidated internal assessment marks (Form B) were generated department wise.

To ensure transparency of the evaluation process, the in-semester marks awarded to the students in each course in a semester were published on the notice board at least one week before the commencement of external examination. There is not any chance for improvement for in-semester evaluation marks.

#### Conduct of Supplementary/Improvement Examinations

Supplementary/Improvement examinations were also conducted along with Regular Semester end examinations and their results were also published along with results of regular examinations. Improvement examinations are allowed only for semester I, II, III and IV of UG programmes only. The students can appear for improvement examinations only once for each course, during the next year after their regular examination. However, UG students can appear for supplementary examinations till the lapse of three years from their sixth semester regular examinations. PG students can appear for supplementary examinations till the lapse of two years from their fourth semester regular examinations.

#### The Office

The office of the Controller of Examinations consisted of the following during the academic year 2021-22.

Dr C. Sivakumar Associate Professor of Physics	-	Controller of Examinations
Dr Prakasan K. Assistant Professor of Zoology	-	Joint Controller
Smt. Subida M. D. Assistant Professor of Islamic History	-	Deputy Controller

Dr. A. K. Bindu Assistant Professor of Hindi	-	Deputy Controller
Shri Georgekutty Cherian Assistant Professor of Economics	-	Deputy Controller
Dr. Neena George Assistant Professor of Chemistry	-	Deputy Controller

The Controller is supported by office staff including the Head Accountant, clerks, system administrator, data entry operators and office assistants. The examination system is computerized with a web-based exam management software developed and maintained by National Informatics Centre (NIC). The software is regularly being updated and streamlined to suit the increased requirements and also to cover more examination related activities. The software include, among others, the modules for examination scheduling and management, candidate management, registration, fee payment, hall ticket generation, mark entry and management, results, mark list generation, etc.

Examination Cell is well equipped with computer systems, heavy duty printers and UPS backup. It functions in a separate building in the campus with CCTV surveillance, office infrastructure, printing room, store room, distribution room and three valuation halls. However, infrastructure facilities including office space have to be enhanced in accordance with the increasing work load of the office.

#### Facing Covid-19

The scale of the covid-19 crisis and the disruptions it caused was an enormous challenge to the examination wing. The uncertainties and anxieties the pandemic created among the academic community was difficult to overcome. Being the largest stakeholders, the students were the most affected. The college as well as the examination wing adopted several modifications and changes in the evaluation system in order to overcome these difficulties.

All examinations halls in the college were sanitized and are equipped with hand sanitisers. The invigilators were given gloves. Temperature of all students are taken on all days of examination at college gates. In order to minimize contact with hands, the signatures of students were not taken on the forms used in the examination halls. Number of candidates in each hall was reduced for ensuring physical distancing among candidates. This process increased the number of examination halls and the number of invigilators. Special examination halls were set up for those candidates with covid-19 symptoms. The answer scripts were kept in quarantine in such cases, before valuation.

Internal assessment examinations, viva voce and project evaluation were conducted online. To mitigate any possible shortcomings of online classes, modified but relaxed question paper patterns were adopted benefitting the both UG and PG students. The requirement of 75% attendance for appearing for the examination was dispensed with.



Earlier, the valuation of the answer scripts by internal examiners used to be done in centralized camps. But in view of the pandemic, the internal examiners were allowed to take the answer scripts for valuation at home and return. The external evaluation was limited to 20% of the answer scripts only in view of the pandemic. Students were given the chance for revaluation of the answer sheets, in the place of the prevailing challenge valuation system.

The office of the controller of examinations is functions fully following the covid-19 protocols. An electric sanitizer dispenser is installed at the entrance. Hand sanitizers are made available in all rooms. All staff of the office follow the prescribed covid-19 protocols strictly, and are fully vaccinated. The office staff continue to offer their dedicated service even amidst the anxieties and uncertainties of the pandemic and lockdowns.

## 7. Placement Cell

The Placement Cell of Maharaja's College, in association with Avodha, Ernakulam, organized a webinar on job-oriented skill programs on June 8th, 2021, through Google Meet. The session was aimed at providing students with information on the latest job skills in emerging areas and the sources of finance for skill-building programs. The webinar was conducted by Rahul R. and Shanu Priya from Avodha, who provided valuable insights and advice to the participants.

The Placement Cell also collected the details of the students who had graduated and those studying in their final year and submitted the information to the Kerala Knowledge Economy Mission, Government of Kerala, on December 14th, 2022. This initiative aimed to help the government identify and support students who require assistance in acquiring the necessary job skills and finance for their career advancement.

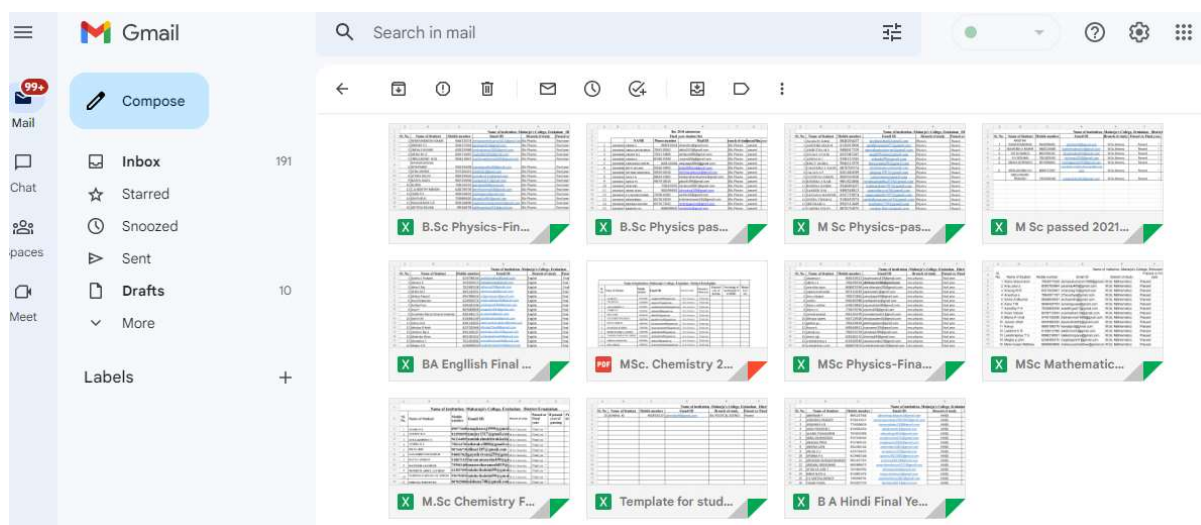
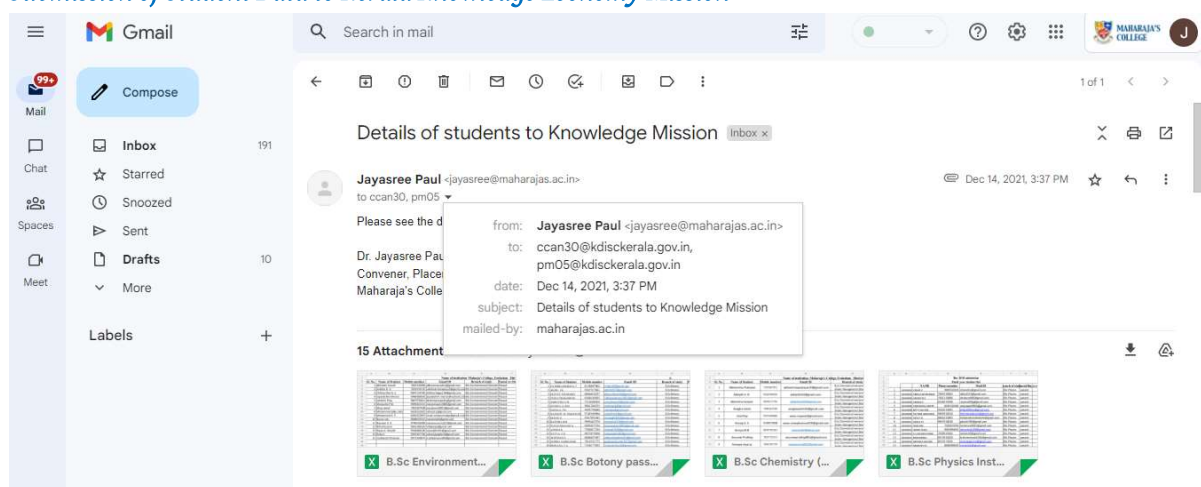
To further aid students in their job search, Employer Live in association with the Placement Cell organized a mega job fair on January 9th, 2022. The drive witnessed participation from nearly 800 applicants and 101 companies, making it a resounding success. The event provided an excellent platform for job seekers to interact with potential employers, explore career opportunities, and showcase their skills.

Taken together these initiatives by the Placement Cell and its partners have helped to bridge the gap between students and employers, provide access to skill-building programs, and create more opportunities for job seekers.

[\*Webinar 08.06.2021\*](#)



### Submission of Student Data to Kerala Knowledge Economy Mission



### Mega Job Fair 9.1.22

**EMPLOYERLIVE**

**MEGA**

**JOB FAIR**

**09<sup>TH</sup> JAN 2022**

**MAHARAJA'S COLLEGE ERNAKULAM**

**INTERVIEW TIME : 9AM TO 5PM**

**ONLINE REGISTRATION STARTED**  
[www.employerlive.com](http://www.employerlive.com)

**101 Companies with All Kerala 10,000 Vacancies**  
 Qualification : SSLC, Plus Two, Degree,  
 PG,ITI, Diploma, BTech, Paramedicals & Unskilled Labours

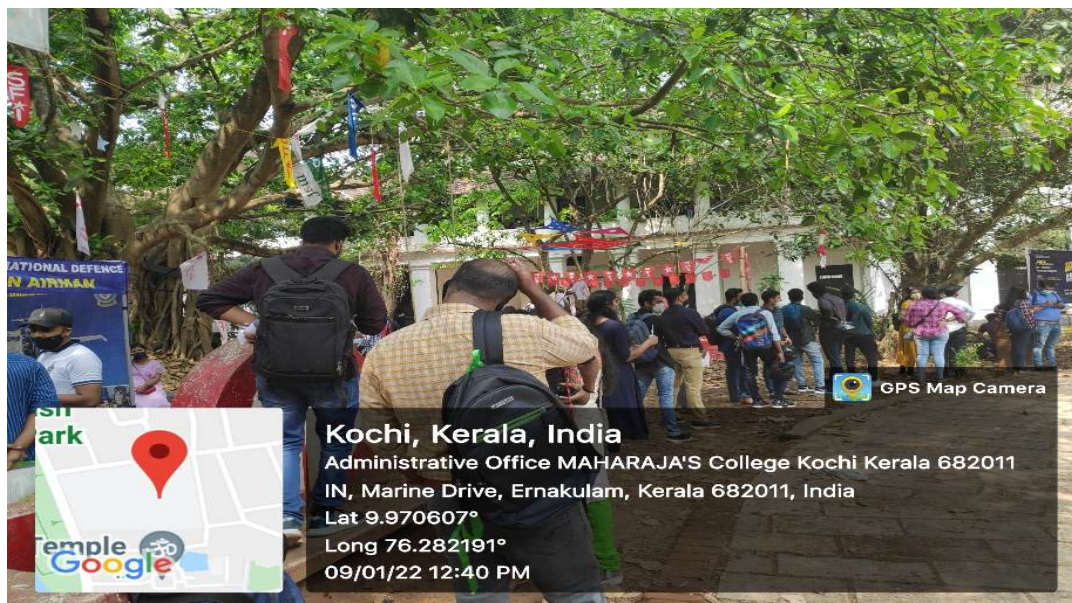
**In Association with placement Cell - Maharaja 's College**  
**Help Line : 90 72 72 72 42 / 9072 508 508**



*Mega job Fair 1.9.2022*







## 8. Career Guidance Cell

Maharajas College has taken a commendable initiative by setting up a Career Guidance Cell for the benefit of its students. The Cell is a well-planned platform that aims to provide the necessary support and guidance to students to help them identify their interests, strengths, and potential in their career paths. This initiative is a testament to the college's commitment to the holistic development of its students, including their career growth. The Career Guidance Cell is run by the teaching faculty of different departments, who bring their experience and expertise to the table. Their involvement ensures that students receive the most relevant and up-to-date guidance and advice. The Cell's activities are initiated each year, ensuring that students have access to the latest information and opportunities in the job market.

The Vision of the Career Guidance Cell is 'Happiness belongs to the self-sufficient.' The Cell aims to help students develop self-awareness, recognize their inherent skills and talents, and expose them to various career avenues. The ultimate goal is to equip students with the skills and knowledge necessary to become self-sufficient and independent professionals. In addition to its vision, the Cell also has a well-defined mission that supports its goals. The mission is to help students face the world with confidence and find their rightful place by moulding them into productive professionals with a global perspective. The Cell strives to ensure that its students make constructive contributions to society. The Career Guidance Cell at Maharajas College is an excellent example of how educational institutions can play a crucial role in preparing students for their careers. By providing access to relevant and timely information, guidance, and support, the Cell is helping students make informed decisions about their future. This initiative is sure to have a positive impact on the college's students and contribute to the overall development of the community.

### Objectives:

- To motivate the students and enhance their employability skills
- To boost their confidence and self-esteem
- To help them identify their aptitude and make smart career choices
- To provide training in life skills and workplace behaviour

The career guidance cell for 2020-21 was constituted as per the principal's order No.1542/ 21-12-2020 and the same cell was continued for the academic year 21-22 and details of the cell are given below.

#	Name and designation	Position
1	Dr. Femina K.S., Assistant professor of chemistry	Convener
2	Dr. Swapna R., Assistant professor of Commerce	Member
3	Dr. Maya S.S., Assistant professor of statistics	Member
4	Sri Geetha P.C., Assistant professor of history	Member
5	Sri. Antony Dawson D'Silva Assistant professor in of political science	Member
6	Smt. Dhanya Balakrishnan, Assistant professor of zoology	Member
7	Kum. Riya Treesa, II M.Sc. Chemistry	Student representative
8	Kum.Anagha K., II B.Sc. Physics	Student representative

### PROGRAM 1: *Inauguration of Career Guidance Cell 2021-22 & webinar on higher studies after B.Sc. life sciences.*

The Career Guidance Cell for the academic year 2021-22 was inaugurated on Saturday, 03-07-2021 at 10 am via Google Meet at <https://meet.google.com/mat-snyp-kri>. To mark the occasion, a webinar was organized in collaboration with the University Employment Information and Guidance Bureau (UEIBU) at CUSAT, Cochin. Interested individuals registered for the program through a Google Form.

The ceremony began with an invocation to the almighty, followed by a welcome address from Dr. Swapna R, Assistant Professor of Commerce and Coordinator of the program. Dr. Femina K.S, Convenor of the Career Guidance Cell, chaired the inaugural session and briefed the attendees on the activities planned for the year 2021-22. The webinar provided a great opportunity for individuals to learn more about career guidance and employment opportunities. The Career Guidance Cell aims to guide and support students and professionals in their career paths and provide them with the necessary resources and information to make

informed decisions. Overall, the inauguration ceremony was a great success, and the Career Guidance Cell looks forward to a productive and successful year ahead. The program was formally inaugurated by Sri Krishnakumar S, Deputy Chief University employment Information and Guidance Bureau (UEIBU),CUSAT, Cochin and wished success to the program and offered whole co-operation to all activities of career guidance cell of Maharaja's College. After the short inaugural session, the program moved to the technical session. We arranged a webinar on higher studies after BSc life sciences after the inaugural Program. The webinar started at 10.15 am Dr. Swapna R, the coordinator of the webinar, introduced the resource person to the participant. The speaker introduced the topic to the participants in a nice way. After building a rapport with students through interaction, he introduced various higher studies, research options after completing BSc chemistry or Physics to the students. He talked about various career opportunities in and abroad India. He shared information regarding reputed institution for higher studies in research and their fellowship programs. The class was very informative and interactive. Then after Ms. Riya Treesa K, First Year M.Sc. Chemistry, the student representative of Career Guidance cell proposed vote of thanks for the session and the inaugural program came to an end by 11.30 am.

**PROGRAM-2:** *Webinar on Higher Studies After B Sc Physical science.*

The Career Guidance Cell organized a second webinar on Higher Studies after B.Sc. physical sciences, specifically for B.Sc. chemistry and physics students. The webinar was conducted via Google Meet at <https://meet.google.com/pyd-trvg-uky> and was also organized in collaboration with the University Employment Information and Guidance Bureau (UEIBU) at CUSAT, Cochin. The registration for the program was done through a Google Form, and the program received an overwhelming response with over 100 registrations. The webinar began with an invocation to the almighty, after which Dr. Maya S S, coordinator of the webinar and Assistant Professor of Statistics, welcomed the participants and introduced the speaker for the session. Dr. Femina K.S, Convenor of the Career Guidance Cell, chaired the session.

The resource person for the webinar was Sri. V.K Krishnakumar, a renowned Career Consultant who has helped numerous students achieve their career goals. He presented various higher studies and career opportunities to the students and motivated them to pursue higher studies in reputed institutions both in and out of Kerala. He talked about the various career opportunities available under the state and central government and shared valuable information regarding reputed institutions for higher studies in research and their fellowship programs.

The class was very informative and interactive, and the students actively participated by asking a plethora of doubts regarding the topic discussed. Mr. Krishnakumar answered all the questions patiently, and the doubts were clarified to the satisfaction of the students. The

session concluded with a vote of thanks by Dr. Femina K.S, expressing gratitude to Sri. V.K Krishnakumar for his enlightening talk and thanking all the participants for their active participation in the session. Overall, the second webinar on Higher Studies after B Sc physical science was a grand success, and the Career Guidance Cell hopes to continue organizing such informative sessions that will guide and support students in achieving their career aspirations.

**PROGRAM 3:** *Webinar on higher studies after B.A.*

On Saturday, January 15th, a webinar on Higher Studies and Career Opportunities for BA English, History, and Political Science students was organized by the Career Guidance Cell in collaboration with the University Employment Information and Guidance Bureau (UEIBU) at CUSAT, Cochin. The webinar was held through Google Meet at <https://meet.google.com/uxv-qnot-tze> from 2:00 PM to 3:30 PM. The program received an overwhelming response from the students, who were eager to learn more about their future prospects. The webinar commenced with an invocation to the almighty, followed by a welcome address by Dr. Antony Dawson, Assistant Professor and Coordinator of the program. Dr. Dawson introduced the resource person for the session, Sri. Babu Pallippattu, Section Officer at MG University, Kottayam. The session was chaired by Dr. Femina K.S, Convenor of the Career Guidance Cell.

During the technical session, Sri. Babu Pallippattu presented different higher studies and career opportunities to the students. He talked about the various career opportunities available under the state and central government and shared valuable information regarding reputed institutions for higher studies in research and their fellowship programs. The resource person's talk was very informative and interactive, and the students actively participated by asking a plethora of doubts regarding the topic discussed. Mr. Pallippattu answered all the questions patiently, and the doubts were clarified to the satisfaction of the students. The session concluded with a vote of thanks by Dr. Femina K.S, expressing gratitude to Sri. Babu Pallippattu for his enlightening talk and thanking all the participants for their active participation in the session. Overall, the webinar on Higher Studies and Career Opportunities for BA English, History, and Political Science students was a grand success, and the Career Guidance Cell hopes to continue organizing such informative sessions that will guide and support students in achieving their career aspirations.

**PROGRAM 4:** *Webinar on Higher Studies after B.Sc. in life sciences.*

On January 29, 2021, the Career Guidance Cell, in collaboration with the University Employment Information and Guidance Bureau (UEIBU), CUSAT, Cochin, organized the fourth webinar of the academic year. The webinar was focused on Higher Studies and Career Opportunities after B.Sc. The program was held through Google Meet, and the link for the program was <https://meet.google.com/idc-kqcr-jyvhis>. The session started with the invocation to God Almighty, followed by the welcome address by Dr. Maya S S, coordinator of

the webinar, and Assistant Professor of Statistics, who introduced the resource person to the participants. The session was chaired by Dr. Femina K.S, Convener of the Career Guidance Cell. The resource person for the webinar was Sri. V K Krishnakumar, a Career Consultant who has vast experience in guiding students in choosing their careers.

During the technical session, Sri. V K Krishnakumar presented various higher studies and career opportunities after B.Sc. Botany and Zoology. He talked about reputed institutions for higher studies and research within and outside Kerala, their fellowship programs, and various career opportunities under state and central government. The class was highly informative and interactive, and students asked many doubts regarding the topic discussed, which were clarified by the resource person. After the technical session, Dr. Femina K.S proposed the vote of thanks for the session, and the program came to an end by 12 noon. The webinar was well-received, and students benefitted immensely from the session.

## **10. NCC, NSS and other bodies**

### **a) N.C.C. Navy**

The National Cadet Corps (NCC) is a premier military youth organization in India, headquartered in New Delhi. It is a voluntary organization that caters to students from high schools, colleges, and universities across the country. The NCC is a tri-services organization that encompasses the Army, Navy, and Air Force, providing basic military training and fostering discipline, unity, and patriotism among its cadets. The primary aim of the NCC is to channelize the energy and enthusiasm of the youth towards nation-building activities. Through its various training programs, camps, and community service initiatives, the NCC strives to develop the leadership qualities, character, and physical fitness of its cadets. The NCC cadets are trained in small arms handling, drill, and parades, which instil a sense of discipline, self-confidence, and team spirit. Upon completion of their course, the officers and cadets do not have any obligation for active military service, but they are given preference over normal candidates during selections based on their achievements in the NCC. The NCC is a unique platform that provides an opportunity for the youth to participate in adventure activities, social service, and community development programs. It is a stepping stone for young minds to realize their potential, explore new horizons, and contribute towards the progress and prosperity of the nation.

The NCC has a clear mission and vision. Its mission is to develop leadership and character qualities, mould discipline, and nurture social integration and cohesion through multifaceted programs conducted in a military environment. The vision of the NCC is to empower volunteer youth to become potential leaders and responsible citizens of the country. Through its training programs, camps, and community service initiatives, the NCC aims to



instil a sense of responsibility, patriotism, and social awareness among the youth of India. By creating a platform for adventure, personal growth, and community development, the NCC provides a unique opportunity for young minds to realize their potential and contribute towards the progress and prosperity of the nation.

The Naval Wing NCC of our college was established in 1954 under the 7(K) NU NCC Unit, with the motto of 'Unity & Discipline.' The unit has a sanctioned strength of 50 Senior Division (SD) and Senior Wing (SW) cadets, whose activities are continuously monitored by an Associate NCC Officer (ANO), a trained teaching faculty member of the institution. The NCC offers various activities and training programs, including institutional training, camp training, annual RD camp, attachment training, social service and community development, and youth exchange programs. These programs are designed to empower cadets in both their personal and social lives. Weekly parades and training sessions are conducted utilizing the amenities of the Southern Naval Command, Kochi. The Naval Wing's major attractions include ship attachment camps, sea sorties, and water-based activities such as swimming, diving, and scuba diving. Our subunit serves as a resource pool for promoting cadets to join the armed forces and other professions with social commitments. The NCC's primary objective is to instill leadership qualities, character, and physical fitness among the cadets, while nurturing a sense of responsibility, patriotism, and social awareness.

A brief report of the training conducted during the academic year 2021-22 is given below

- a. Training days: Saturday
- b. Number of periods per day: 4
- c. Syllabus: Service Subjects & Common Subjects
- c. Total number of cadets appeared for C Certificate: 06
- d. Total number of cadets appeared for B Certificate: 20
- e. Number of cadets taken part in National RD parade: 01
- f. Number of cadets taken part in other national camps: 02



**b) NCC Air Wing**

The National Cadet Corps (NCC) Air Wing is the youth organization of the Indian Air Force that seeks to instill values of discipline, leadership, and service among young people. It was created in 1948 to address the shortage of youth in the army and has since become an important part of Indian society, with over 13 lakh cadets enrolled across the country. In particular, the NCC Air Wing focuses on developing skills related to aviation, including flying, aero-modeling, and air traffic control. The Air Wing also provides opportunities for cadets to participate in various adventure activities such as parachute jumping, gliding, and trekking. This exposure to different experiences helps to develop a spirit of adventure and sportsmanship among the cadets. One of the primary objectives of the NCC Air Wing is to develop qualities of character and leadership among young people. Through its training programs, the Air Wing aims to foster a sense of self-discipline and responsibility, as well as to promote a secular outlook and a spirit of unity among cadets. The NCC Air Wing in Maharaja's College, formed in 2010 under 3(k) AIR SQN NCC, Kochi, is one such organization that provides a platform for young people to undergo training and develop these valuable skills. The training provided by the Air Wing helps cadets to become useful citizens who are capable of serving their communities and the nation in a selfless and responsible manner

**Name of Associate NCC Officer:** Flying Officer Sajeev K. F.

**Under Officer :** CUO Ullas Ramesh

**Total Strength sanctioned:** 50

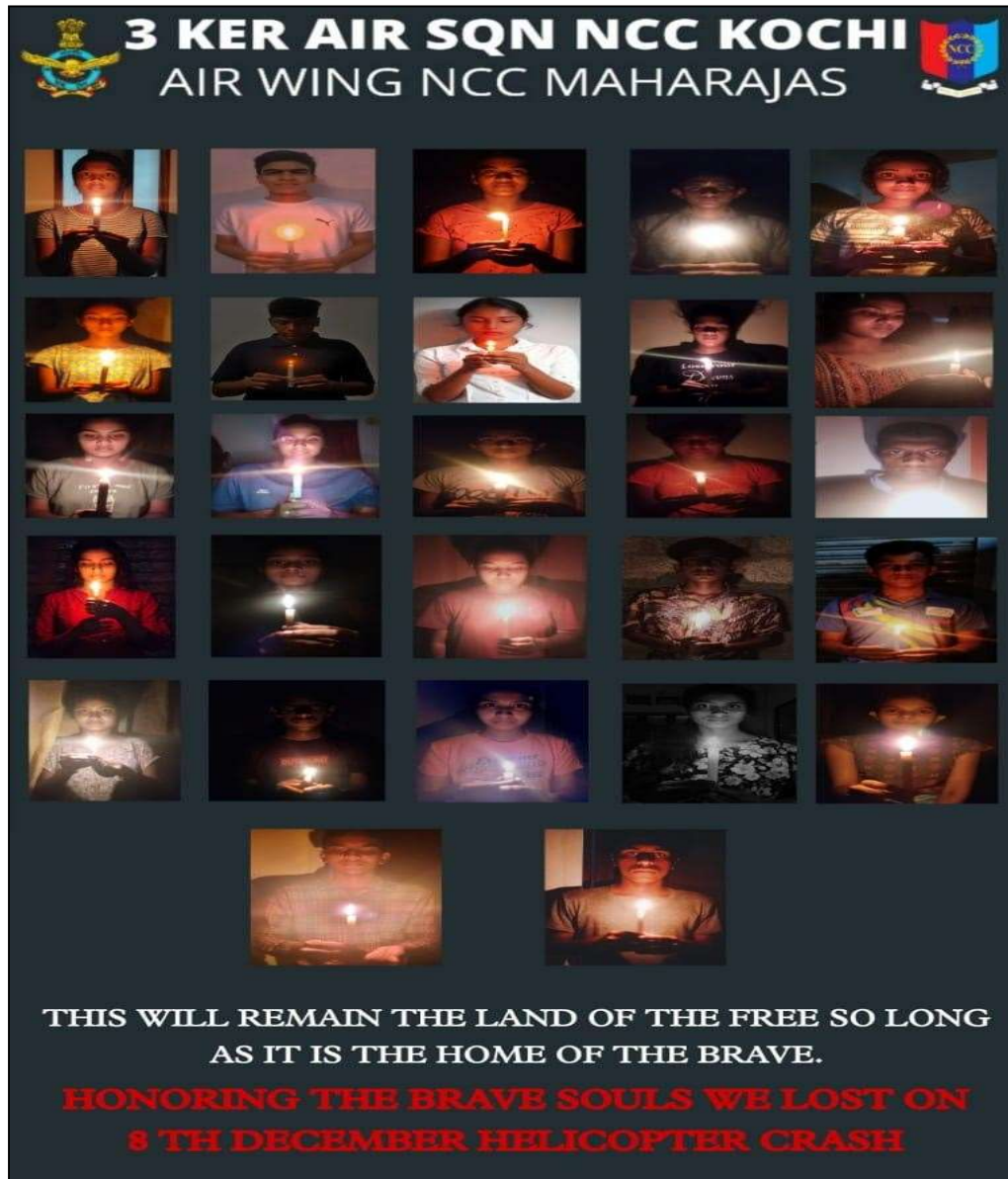
**Total enrollment:** 50

## Training Activities Day Celebrations And Social Services. Puneet Sagar Abhiyan



In line with Prime Minister Shri Narendra Modi's vision to build a cleaner and greener India, the NCC has taken the lead in promoting environmental conservation through its nationwide flagship campaign called 'Puneet Sagar Abhiyan.' The campaign aims to clean up seashores, beaches, and other water bodies, including rivers and lakes, of plastic and other waste materials. To further this cause, the Air Wing recently conducted a successful beach cleaning program on 5th April 2022 at Fort Kochi. The event saw the active participation of all cadets who came together to clean the beach and its surroundings. With their unified efforts, they were able to gather large bags of carefully sorted garbage, which included pet bottles, plastic baskets, milk tea cartons, and other miscellaneous man-made wastes that could have had a devastating impact on the ocean's fragile ecosystem. This beach clean-up event served as a valuable learning experience for the cadets, teaching them about sustainability and concrete actions for environmental protection. It instilled in them a sense of responsibility towards the environment and provided them with practical knowledge and skills to contribute towards building a cleaner and more sustainable India. Through such initiatives like the NCC is not only promoting environmental conservation but also shaping the future of India by creating responsible citizens who are capable of serving the nation and contributing towards its progress and development.

### Tribute to martyrs of the Pulwama attack



The brave soldiers of our armed forces dedicate their lives to protect our nation and its citizens, selflessly serving us in every corner of the country, from the icy terrains of the Himalayas to the scorching heat of the deserts. It is their unwavering commitment to duty and sacrifice that ensures our safety and security. On 14th February, in a heartfelt tribute to the



martyrs of Pulwama, the cadets of Air Wing lit candles in remembrance of those who had made the ultimate sacrifice for our country. Through this symbolic act, the cadets aimed to create awareness and honor the brave soldiers who had given their lives to protect each and every one of us. The sacrifice of our soldiers serves as a reminder of the immense courage and dedication required to serve in the armed forces. It also highlights the need for us to honor their sacrifice and to strive towards building a better and more peaceful world. The cadets of Air Wing are a shining example of the spirit of patriotism and duty that runs deep in the hearts of every Indian. Through their actions, they inspire us to take up the mantle of service and work towards building a better and more prosperous India.

### CAMPUS CLEANING



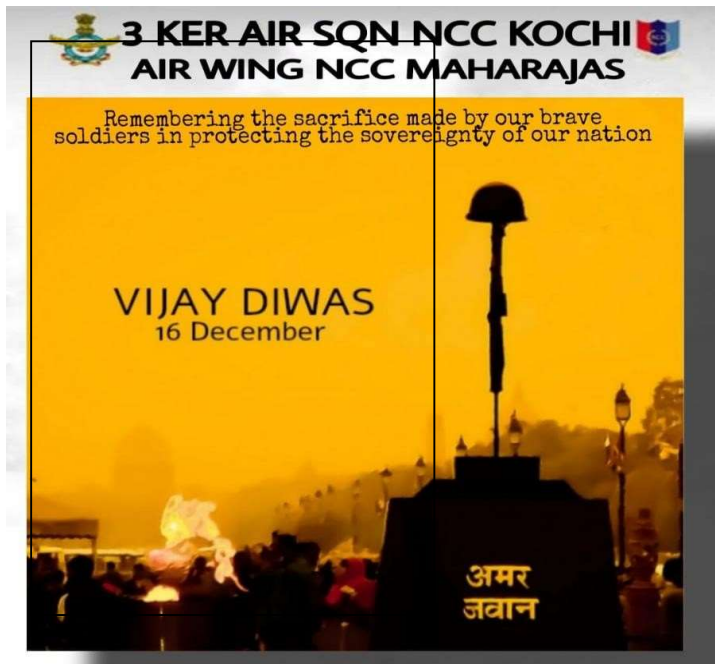
Maintaining a clean and hygienic campus is a crucial aspect of promoting a healthy learning environment. A clean and tidy campus not only enhances the aesthetic appeal of the institution but also has a significant impact on the physical and mental well-being of the students. Keeping the surroundings clean helps foster a sense of discipline, responsibility, and civic sense among students. On 5th December 2021, the Air Wing organized a campus cleaning

drive to promote awareness among students about the importance of cleanliness and hygiene. Through this initiative, the cadets aimed to instill a sense of responsibility towards their surroundings and encourage students to take pride in their institution. By participating in this event, the cadets not only led by example but also demonstrated their commitment to community service. They showed that small acts of kindness, such as cleaning up the campus, can have a significant impact on the environment and the community as a whole.

The cleaning drive also served as an opportunity to educate students about the importance of maintaining good hygiene practices. Cleanliness not only helps to prevent the spread of diseases but also has a positive impact on mental health, promoting a sense of peace and serenity. The initiative is a testament to the NCC's values of discipline, duty, and responsibility. It inspires us to take up the mantle of service and work towards building a cleaner, healthier, and more prosperous society.

### VIJAY DIWAS

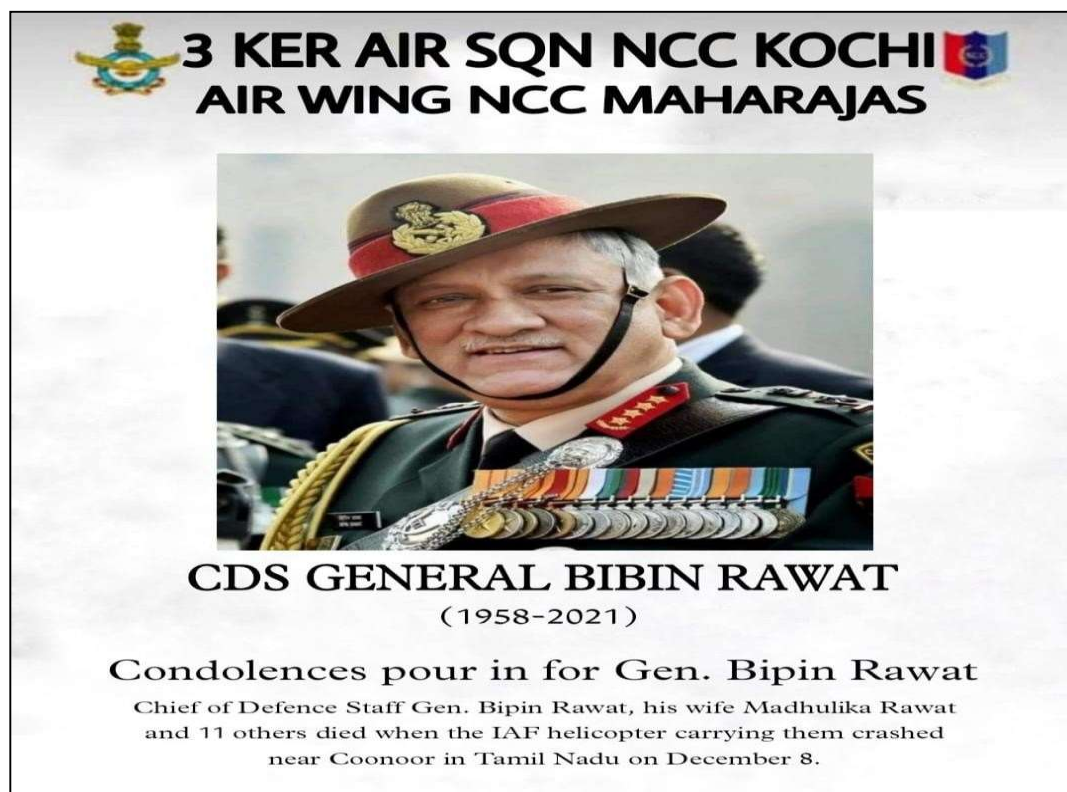
Vijay Diwas is an important day in the history of India as it commemorates the remarkable victory of the Indian armed forces over Pakistan in the 1971 war. This victory was significant as it not only led to the liberation of Bangladesh but also served as a testament to the courage, dedication, and sacrifice of the Indian soldiers. Every year on December 16th, India celebrates Vijay Diwas to pay tribute to the brave soldiers who fought and sacrificed their lives for the country. This day serves as a reminder of the unwavering spirit of the Indian armed forces and their commitment to safeguarding the nation's sovereignty and integrity. The 1971 war was a historic moment for India, marking its first conclusive victory since the end of World War 2. The Indian soldiers displayed unmatched bravery and valor in the face of adversity, and their unwavering determination led to the eventual victory. Vijay Diwas is not only a celebration of India's military might but also a tribute to the strong bonds of brotherhood and camaraderie that exist between the soldiers who fought together. It is a day to honor the sacrifices made by the brave soldiers who laid down their lives for the country and to express gratitude for their selfless service. On this day, the nation salutes the soldiers who dedicated their lives to protect our freedom and sovereignty, and we take a pledge to uphold their legacy and serve the country with the same dedication and commitment. Vijay Diwas is a reminder that the spirit of patriotism and the love for the nation can conquer all obstacles and unite us in the pursuit of a better tomorrow.



### Remembering Sacrifices

The cadets of Air Wing in collaboration with Army Wing organized a program to remember the sacrifices of defence force. The government officials, the armed forces and the citizens of India go all out to express their gratitude to their protectors.





## Environmental Day



World Environment Day is an important day that is celebrated every year on the 5th of June to raise awareness about environmental issues and encourage people to take positive steps towards protecting our planet. This day serves as a reminder that we all have a responsibility to care for the environment and ensure that future generations inherit a sustainable world. On this day, the cadets of Air Wing took a proactive step towards creating a greener future by planting saplings. The main aim of



this initiative was to encourage everyone to get involved in environmentally-friendly activities and promote a sense of responsibility towards the planet.

The cadets showed a great deal of enthusiasm while planting saplings of different varieties of plants. By doing so, they not only helped to increase the green cover of their surroundings but also learned the importance of caring for the environment. This event was a great opportunity to educate and inspire the cadets about the role of trees in maintaining ecological balance and biodiversity. Planting saplings is an effective way to combat environmental degradation and reduce the harmful effects of pollution. It also helps to mitigate the impact of climate change by reducing the amount of carbon dioxide in the atmosphere. By taking part in this event, the cadets of Air Wing demonstrated their commitment to protecting the environment and creating a sustainable future for all.

### **c) NCC Army Wing**

#### **World Environment Day**

World Environment Day is celebrated annually on June 5<sup>th</sup> to encourage worldwide awareness and action for the protection of our environment. In line with this global initiative, the Army Wing NCC cadets of Ernakulam united to celebrate this significant day. To mark the occasion, they organized a college competition called the 'QuestioNario Maharaja's College,' an engaging online quiz. The competition saw the participation of students from across the entire college, fostering a sense of environmental consciousness and knowledge among the young minds. The winners of the competition were rewarded with a deserving cash prize, acknowledging their commitment to environmental awareness and conservation. By conducting an online quiz, they not only challenged the participants' knowledge of environmental issues but also sparked conversations and discussions about sustainable practices. Recognizing the importance of such efforts, the winners of the competition were granted

#### **Azadi Ka Amrit Mahotsav**

On August 13, 2021, the Army Wing NCC cadets of the college organized a cleaning program at Gandhi Square, Ernakulam, as part of the Azadi Ka Amrit Mahotsav celebrations. The dedicated cadets, led by Senior Under Officer Akshai Asok and Associate NCC Officer Lt. Dr. Ajmal P A, arrived at Gandhi Square at 8:15 AM. With great enthusiasm, they diligently carried out the cleaning activities, successfully completing them by 9:30 AM. The event was graced by the presence of our esteemed Chief Guest, Commanding Officer Rajiv Rai from 21(K) BN Col. NCC Ernakulam. In a symbolic gesture, flower petals were sprinkled on the statue of Mahatma Gandhi, honouring the Father of our nation. Under the leadership of our Commanding Officer, the event concluded with a heartfelt tribute to Mahatma Gandhi, marking a memorable contribution to the Azadi Ka Amrit Mahotsav.

#### **Independence Day Celebration**

On August 15, 2021, as India celebrated its 75th year of Independence, the NCC Cadets of Maharaja's College, Ernakulam, conducted a flag hoisting ceremony adhering to strict COVID protocols. Despite limitations on the number of cadets, the ceremony was carried out with utmost diligence, following the proper procedures. Cadets from all three wings, namely Army, Navy, and Air, actively participated in the event. The flag was hoisted by Dr. Jayamol K V, Vice-Principal of the college, while

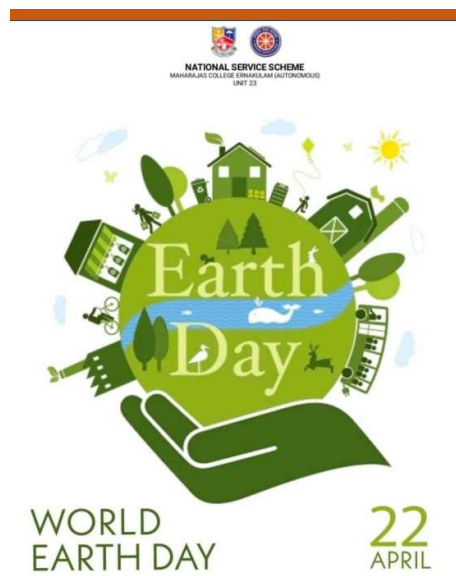
the ceremony was supervised by Associate NCC Officer Lt. Dr. Ajmal P A (Army wing) and Associate NCC Officer S.Lt Dr Alson Martin (Navy wing). Senior Under Officer Akshai Asok from the Army wing commanded the flag hoisting ceremony. Following the flag hoisting, the Vice-Principal presented a memento to Army wing Associate NCC Officer Lt. Dr. Ajmal P A, recognizing his achievement of earning a PhD through hard work and dedication.

### **Gandhi Jayanti**

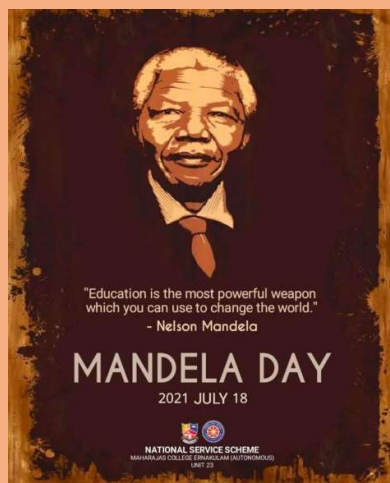
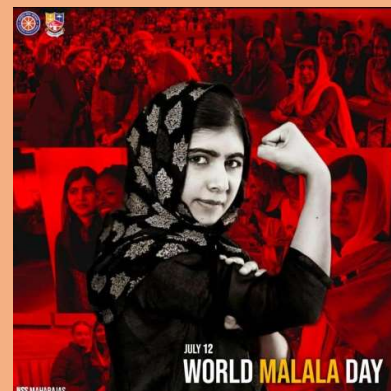
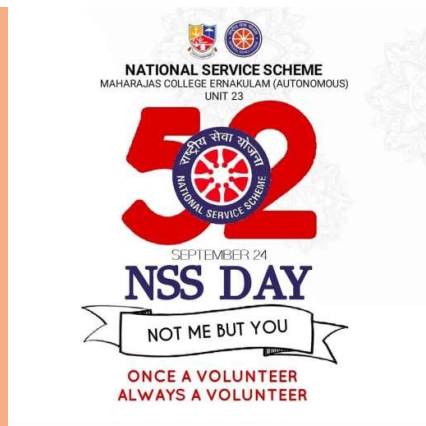
Every year on October 2nd, the birth anniversary of Mohandas Karamchand Gandhi, the nation observes and celebrates Gandhi Jayanti. On the 152<sup>nd</sup> birth anniversary of the revered leader, the Army Wing NCC cadets of the college paid homage by laying a floral tribute at the Statue of Mahatma Gandhi located in the heart of Ernakulam City. Following the tribute, the dedicated cadets undertook a comprehensive cleaning program under the supervision of Senior Under Officer Akshai Asok. Additionally, the cadets released posters and videos commemorating the essence of Gandhi Jayanti, spreading the teachings and ideals of Mahatma Gandhi to inspire others.

### ***d) National Service Scheme***

The National Service Scheme (NSS) is a flagship programme of the Government of India that aims to foster community service and social consciousness among young people. It was launched in 1969 and is now one of the largest voluntary organisations in the world. The NSS programme involves students from universities, colleges, and schools who participate in various community development activities such as environmental conservation, health and hygiene, and literacy campaigns. The NSS promotes the idea of national integration, and students from different backgrounds and regions are encouraged to work together towards a common goal. The NSS is not only an opportunity for students to contribute to society but also an avenue for personal development and leadership training. The programme is seen as an effective way to create a generation of responsible and committed citizens who will work towards the betterment of their communities and country. There are two units of NSS at Maharaja's College with a total student strength of 91. Below are the pictures of select programmes organized by the NSS during the academic year 2021-22.









In 2019-20, the Entrepreneurship Development Club was established in our college with the generous sponsorship of the Kerala Industrial Development Centre. The Club's inaugural event took place in the academic year 2020-21, with the esteemed presence of Sri. Kochouseph Chittilappilly, Chairman and CEO of V-Guard Industries Ltd. In the following academic year of 2021-22, the Entrepreneurship Development Club successfully conducted a series of online programmes to raise awareness of entrepreneurship among students. These programmes were well-attended, with approximately 250 students participating and gaining valuable insights into the world of entrepreneurship. Overall, the Entrepreneurship Development Club has been a highly impactful initiative, helping to equip students with the skills and knowledge necessary to succeed as entrepreneurs. We look forward to continuing to support and inspire the next generation of innovators and business leaders through the Club's activities.

#### *f) Pain and Palliative Club, Maharaja's College*

The Pain and Palliative Committee of the institution carried out several activities during the academic year of 201-2022 through online mode. In order to plan the future activities of the club, a meeting of the committee members was conducted on 22/08/2021 on the Google Meet platform. The meeting was attended by seven committee members, including the convenor, who discussed the plan for the upcoming activities. Due to the COVID-19 restrictions, most of the members suggested online programs. The committee also discussed the conduct of palliative care conscious programs for student members, and all the members extended their support and willingness to participate in the proposed activities.

As part of their Student Palliative initiative, Alpha Pain and Palliative Centre, Kochi, organized a training program (online mode) for students, and they invited participation from the student members of the committee. Six student members actively participated in the program, and it proved to be a very effective program that made a positive impact on the students.

On 23/12/2021, another meeting of the committee members was held on the Google Meet platform. Six members, including the convenor, participated in the meeting, where they discussed the plan for the conduct of Palliative day commemoration. The Committee decided to organize an online lecture on 15/01/2022, and Dr. Lekshmi R., Associate Professor, Department of Philosophy, Govt. Women's College, was invited to deliver an online talk on the topic, 'Praxis and Ethics of Palliative Care'.

Around forty student palliative club members and seven faculties attended the online lecture on 15/01/2022 and actively participated in the discussion. The lecture proved to be informative and thought-provoking, and it provided valuable insights into the praxis and ethics of palliative care. Overall, the Pain and Palliative Committee of the institution did an excellent job of organizing various activities, and they successfully engaged the student members and faculty in meaningful discussions on the importance of palliative care.

### **g) Antinarcotic Cell**

#### **Objectives**

1. To maintain a drug-free campus, a complete prohibition on drugs, alcohol, and tobacco is enforced for all students, both on and off-campus.
2. Our goal is to raise awareness among students and young people about the harmful effects of drugs, alcohol, and tobacco on individual health and the community.
3. We monitor and report any suspicious or illegal activities in the vicinity of the college to the appropriate authorities to ensure the safety of our students and the community.
4. Students are encouraged to participate in Anti-Narcotic activities and events to learn more about drug prevention and intervention strategies.
5. Our hope is to inspire students to become active volunteers in the Anti-Narcotic cell and serve society by promoting drug-free lifestyles and supporting those struggling with addiction.

#### **Our patrons**

1. Sri. S Ananthakrishnan IPS ( Excise Commissioner)
2. Sri. P K Sanu ( Joint Excise Commissioner Kochi)
3. Sri. P V Alias (Deputy Excise Commissioner Ernakulam)
4. Sri. Tenimon (Assistant Excise Commissioner Ernakulam)

#### **Antinarcotic Committee**

1. Dr. Mathew Joy, Principal Maharajas College
2. Dr. Venugopal B, Assistant Professor, Chemistry (Convenor)
3. Dr. Sajith Menon, Assistant Professor, Chemistry (Member)
4. .Reenakumari V L, Assistant Professor, Hindi (Member)
5. Dr. Sruthimol K S, Assistant Professor, Hindi (Member)
6. Dr. Nisamudheen K M, Assistant Professor, Arabic (Member)
7. Dr. Lt. Ajmal P A, Assistant Professor (ANO, Army Wing), Islamic History (Member)
8. Dr. Alson Mart, Assistant Professor (ANO, Navy Wing), Chemistry (Member)
9. Mr. Sajeev K F, Assistant Professor (ANO, Air Wing), Physics (Member)
10. Mr. Shaju Mathew, Assistant Professor, (NSS Programme Officer), Commerce (Member)
11. Dr. Merlymol Joseph, Assistant Professor, (NSS Programme Officer), Statistics (Member)

#### **International Anti-Drug Day (26/06/2021)**

The Anti-Narcotic Cell of the college organized several activities to observe the International Anti-Drug Day on 26th June 2021. The event was aimed at raising awareness among the students about the harmful effects of drugs on human health and society. The student members of the Anti-Narcotic Cell were actively involved in organizing the event, and they were assisted by the guidance and support of Mr. Deepak J. Prabhu, the Convener of the Anti-Narcotic cell. The campaign was inaugurated by the College Principal, Dr. Mathew George, who emphasized the importance of saying no to drugs and adopting a healthy and drug-free lifestyle. The students of the Anti-Narcotic Cell took charge of the campaign and organized various activities to spread awareness about the ill effects of drugs. They put up

posters and banners across the campus, displaying slogans like “SAY NO TO DRUGS,” “QUIT DRUGS, CHOOSE LIFE,” and “YOU USE, YOU LOSE.”

The students also organized an awareness walk around the campus to sensitize their peers about the dangers of drug abuse. They distributed pamphlets and brochures to the students and engaged in interactive sessions to address their queries and concerns. The campaign was highly successful in creating a positive impact on the students and motivating them to lead a healthy and drug-free lifestyle. The Anti-Narcotic Cell plans to organize more such campaigns in the future to further promote awareness and discourage drug abuse on and off-campus. The efforts of the Anti-Narcotic Cell in organizing such campaigns are commendable and will go a long way in creating a better and healthier community.

On behalf of Anti-Narcotic Cell Poster designing competition was conducted for the college students. The topic for the competition was the use of alcohol, tobacco and drugs among the youth and its after effect in society. The competition was conducted at the Malayalam Seminar Hall, 37 participants participated in the competition. Mr. Arshad K A of First B.Com, Sujith Natarajan of Third Bsc chemistry and Vyshak of first B.com secured first, second and third place in the poster making competition. The winners are awarded with cash prize of Rs 1500, 1000 and 500 for respective places.



### Anti-Narcotic Campaign 2021

Despite the challenges posed by the COVID-19 pandemic, the members of the Anti-Narcotic cell of the college were determined to continue their campaign for a drug-free campus. With the safety of students and faculty in mind, they decided to conduct the campaign in an online mode. On 13th January 2021, the campaign was successfully conducted in an online mode, with members of the Anti-Narcotic



committee and volunteers taking charge of the campaign. They sensitized the students and staff members about the ill effects of drugs, alcohol and tobacco on human health and society.

The online campaign included various activities such as lectures, webinars, presentations, and interactive sessions that were aimed at spreading awareness about the dangers of substance abuse. The students were encouraged to take a pledge against the use of drugs, and the members of the committee motivated them to serve society as volunteers of the Anti-Narcotic cell in the future.

Although the online mode of campaigning was different from the usual way of conducting the campaign, it proved to be effective in reaching out to a wider audience. The determination of the Anti-Narcotic committee members and volunteers played a vital role in the successful conduct of the campaign despite the pandemic.





The campaign saw active participation from various groups including NSS volunteers, NCC Army, Naval and Air wing cadets, teachers, and non-teaching staff of the college. With everyone's collective effort, the campaign was a great success in spreading awareness about the ill effects of drugs and promoting a drug-free campus.

#### h) Jeevani

**JEEVANI**  
**&**  
**NCC ARMY WING 5(B) COY**  
**21(K) BN NCC ERNAKULAM.**  
**MAHARAJA'S COLLEGE, ERNAKULAM**

Co-host  
**A TALK ON**  
**MENTAL HEALTH AMONG COLLEGE STUDENTS**

RESOURCE PERSON

**DR. JAYAMOL K V**  
 VICE PRINCIPAL  
 MAHARAJA'S COLLEGE, ERNAKULAM

**MEGHNA N G**  
 PSYCHOLOGIST (JEEVANI)  
 MAHARAJA'S COLLEGE, ERNAKULAM

**PROGRAM COORDINATORS**  
**ANITHA ABRAHAM**  
*Jeevani and counselling cell in-charge*  
 MAHARAJA'S COLLEGE, ERNAKULAM  
**LT. DR. AJMAL P A**  
*Assistant NCC Officer*  
 MAHARAJA'S COLLEGE, ERNAKULAM

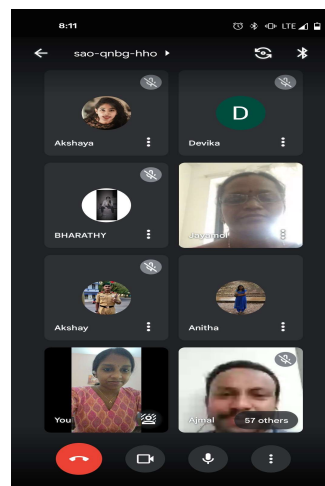
**JOIN US ON**

MEETING WILL BE HELD ON

**16**

AT: 8.00 AM

**FOR QUIRIES**  
 RUD AKSHAI AROK  
 8921739599



OCTOBER 10, 2021 Awareness programme organised by JEEVANI in association with NCC Army wing of Maharaja's College on the topic 'Mental health among college students' by Ms. Meghna N G , Psychologist, Maharaja's college, on the world mental health day, October 10 via zoom meeting from 7.30 am to 8.30am.

Smt. Anitha Abraham, Teacher in Charge of JEEVANI delivered a welcome speech. The programme was inaugurated by the Vice Principal, Dr.Jayamol K V, who also delivered the presidential address. The session focused on the promotion of mental health among college students and addressed age-appropriate psychological and social factors that are essential in building young people's lives. Seventy five students participated and Lt.Dr.Ajmal P A, member of Jeevani, expressed vote of thanks.

**OCTOBER 11, 2021**

Conducted a class for the B.Sc. third year students of zoology on the topic 'How to improve self-esteem' at Zoology main gallery from 10 am to 11 am. Thirty students participated and had great responses from students.

**OCTOBER 11, 2021**

Organized a session for Botany third year students on the topic 'Mental health among college students' from 2pm to 3pm. Around 20 students participated. Mental health is important at every stages of life, from childhood, adolescence and throughout adulthood. The session discussed various mental health challenges of college students.

**OCTOBER 12, 2021**

Conducted a class for Zoology second year students on 'Importance of Self-regulation in a virtual world' at the Zoology main gallery from 11am to 12pm. Twenty-one students participated. The session focused on building an understanding on the need of self-regulation in general and also on internet usage.

**OCTOBER 12, 2021**

Delivered a talk for Zoology PG 1st year students on 'Importance of mental health' from 12pm to 1pm. Fifteen students participated. The session emphasized the need for early identification of psychological issues among students and the ways to resolve them.

**OCTOBER 26, 2021**

Organized a programme for Mathematics third year students on the topic 'Time management and effective learning' at Math's main gallery from 2pm to 3pm. Thirty-two students participated. The talk was on some of the important skills students need to develop to manage time effectively.

**NOVEMBER 2, 2021**

College organised an induction programme for the first year degree students. The programme was inaugurated by Dr.Jayamol K V,Vice-principal of the college. Dr.Sreeranjini,Assistant professor of MUSIC, welcomed the gathering.



On the first day of the induction programme a session on ‘Mental health and stress management’ was taken by Ms. Meghna for first students at GNR hall from 10.30am to 11.30am. More than 100 students participated in this session.

Conducted second session of ‘Mental health and stress management’ for the second batch of first year students at English main hall from 11.40 am to 12.35 pm. Here also more than 100 students participated.

#### **NOVEMBER 3, 2021**

Delivered a talk on ‘How to handle anxiety?’ for the first year commerce students at the Commerce department from 9.30am to 10.30am. Thirty eight students participated.

#### **NOVEMBER 8, 2021**

As a part of the Induction programme, a talk on ‘life skills’ was delivered for a batch of first year students at English main hall from 11.30am to 12.30pm.



This programme aimed to help students develop self confidence and also to deal with significant life changes and challenges successfully. The talk urged the students to understand their responsibilities and to make a positive contribution to the society



Handled a session on 'Life skills' for another batch of first year students from 1.30pm to 2.30pm at GNR hall. Ms.Sreeranjini ,Assistant Professor of Music department delivered a welcome speech. Ms.Anitha Abraham, Teacher in Charge of Jeevani and Assistant Professor of Zoology, presented the aims and services of jeevani and counselling cell. Devika, a student of the music department, expressed vote of thanks. More than 100 students participated.

#### **NOVEMBER 25, 2021**

Conducted a session on 'Gender Awareness' for B.Sc chemistry third year students at chemistry gallery from 2pm to 3.30pm. Around twenty two students participated and the session was very effective with active participation of students. The programme aimed to make an understanding of gender equality among students.

#### **DECEMBER 15, 2021**

Delivered a talk on the topic 'Psychological approaches to internet addiction' for Hindi first year students from 10.30am to 12pm at the department. Ms.Anitha Abraham, Teacher in Charge of Jeevani informed about JEEVANI and counselling services at college.



The session was very interactive with active participation of students. One of the students , Smitha K U, expressed her feedback and vote of thanks.

#### **DECEMBER 16, 2021**

Conducted a session on 'Assertiveness Skill' for Malayalam department students from 11.30am to 12.30pm at Malayalam gallery hall. Twenty-two students participated. The session stressed the need to

develop self-confidence to deal with significant life changes and challenges successfully. The talk urged the students to make a positive contribution by developing the expertise and experience they need to assert their rights and responsibilities.



#### **DECEMBER 17, 2021**

Conducted a session on 'Healthy vs Unhealthy relationship' for post graduate students of the English department from 10.30am to 12.30am at the English department. The session was very interactive and had a huge response from students. Thirty-nine students participated.

#### **JANUARY 20, 2022**

Organized a session on 'Time management and effective learning' for BA final year and PG students of Economics department via Google meet from 7pm to 8pm. Santhosh T. Varghese, head of the department delivered a welcome speech. Twenty-four students participated. The talk focused on the effective planning of time and also on some of the important skills students need to develop to manage time.

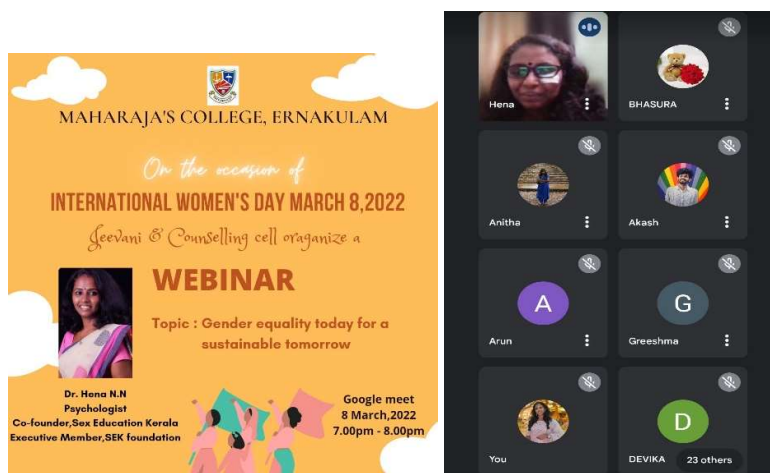
#### **FEBRUARY 9, 2022**

A session on 'Healthy vs. Unhealthy relationship' was arranged for the BA second and third year students of Sanskrit department from 2pm to 3pm. One of the students, Meenakshi delivered welcome speech and Ms. Sheeba, Assistant professor of Sanskrit department presented about jeevani and counselling services at college. Twenty-four students participated.



## MARCH 8, 2022

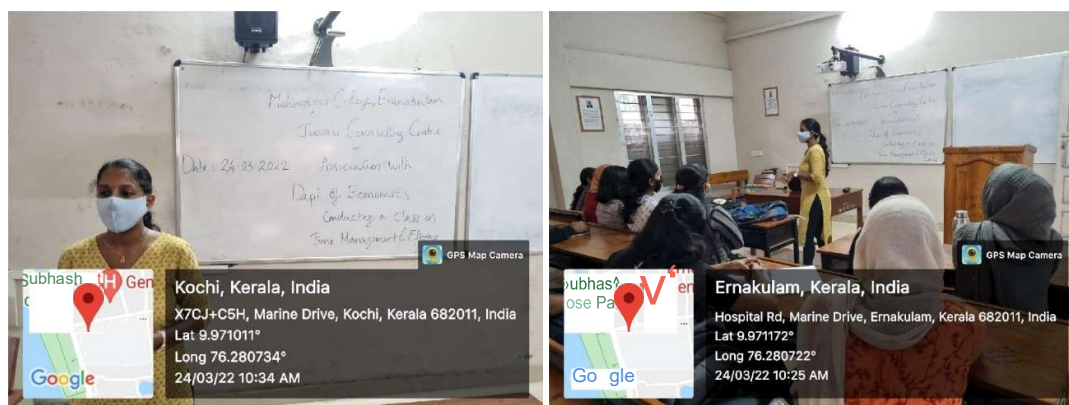
A session organised by Jeevani and counselling cell, Maharaja's college on "Gender equality today for a sustainable tomorrow" by Dr.Hena N.N Psychologist, Co-founder of Sex Education Kerala and Executive member of SEK foundation on International Women's Day 2022, March 8, via google meet from 7.00pm to 8.00pm. Ms. Anitha Abraham, Assistant professor of Zoology and Teacher – in -Charge of Jeevani delivered a welcome speech and Ms. Meghna N G, Jeevani Psychologist expressed the vote of thanks. It aimed to spread awareness about the hardships faced by women and the need to promote a gender-neutral society. The session was very interactive. Thirty-two students participated.



## MARCH 24, 2022

Conducted a session on 'Time management and effective learning' for first and second year PG students of Economics Honours department from 10.30 am to 11.30 am. Dr. Nishanthi P U, Assistant professor of Economics department delivered a welcome speech. It focused on controlling the amount of time spent on unwanted things in life and also on some of the important skills students need to develop to

manage time effectively. Nineteen students participated. One of the students, Navya R Krishnan, expressed vote of thanks.



### Science Forum

Following members constituted the Science forum 2021-22.

Convener: Dr. Neena George, Asst. Professor, Department of Chemistry

Coordinators

Mr. Prasad K. A., Asst. Professor, Department of Physics

Dr. Venugopal B., Asst. Professor, Department of Chemistry

Ms. Anitha Abraham, Asst. Professor, Department of Zoology

Ms. Jess Mary James, Asst. Professor, Department of Botany

Ms. Thasneem T. R., Asst. Professor, Department of Mathematics

Dr. Priya P. Menon, Asst. Professor, Department of Statistics

186 students from the various science departments became members of the Science Forum 2021-22.

Science Forum successfully conducted various programs during the year 2021-22.

#### 1. KSEB power quiz

KSEB in association with Maharaja's College Science Forum, conducted POWER QUIZ on 31st October 2021 in order to create awareness on the importance of 'Saving power for future'. It was an online quiz competition. About 26 students from our college participated for the quiz program. Gowripriya R. of I B. A. Economics Honors won first prize and Sreeram Raveendran P. of III BA Malayalam won second prize. Both were selected for the district level quiz competition. Prizes were distributed to the winners by the KSEB authorities.





## 2. URJAKIRAN 2021-22- Energy conservation awareness campaign-‘Go electric’ ( Webinar, Signature Campaign and Rally)

Energy Management Center Kerala (EMC) is the state designated agency to coordinate various programs with the aim of improving energy efficiency in the state and has initiated ‘Urjakiran’, Energy conservation awareness campaign. Centre for environment and development (CED) is the resource agency for coordinating the activities of URJAKIRAN. The objective of URJAKIRAN is to create awareness among the general public and equip them for efficient management of all forms of energy to promote energy efficiency and energy conservation and to develop new sources of energy as well as novel energy technologies with a view to increase the production and facilitate the use of energy on a sustainable basis.

Proposal seeking financial assistance to conduct URJAKIRAN 2021-22 was sanctioned by EMC. Science Forum, Maharaja,s College has conducted Urjakiran workshop (Offline) and Urjakiran Rally and Signature Campaign in Vypin Assembly comprising three local bodies – Narakkal, Nayarambalam and Elamkunnappuzha. The public was the target audience for the programme, which provided energy management and conservation advice for use both at home and at work. The year's main subject was promoting e-mobility and electric cooking in order to emphasise how critical it is to move toward electric vehicles for sustainable development. Future transitions to other renewable energy sources like solar energy were also covered.

The campaign was conducted in Narakkal CDS Kudumbasree Hall on 14<sup>th</sup> December 2021. Vypin Assembly MLA. Sri. K. N. Unnikrishnan inaugurated the campaign. Sri T. T. Francis (Narakkal Panchayath President) presided over the function. Sri Cheriyan Valooran (Standing committee chairman), Sri A. P. Lalu (Member), and Smt Sheeba Ranjendran (CDS Chairperson) delivered felicitations. Sri. Renjith K. U, Coordinator, Rajagiri Outreach, Rajagiri College of Social Sciences handled class on the topic ‘Energy Efficiency and conservation’ and pointed out the advantages and the need of switching over to e- vehicles. Sri P. P. Gandhi, the chairman of the standing committee, spoke about his experience driving an e-scooter. Sri Dimirov (Panchayath Secretary in charge) distributed LED bulbs to the chief guests and lucky draw winners.



# ഊർജ്ജ കിരണം 2021-22

**വൈപ്പിൻ നിയോജക മണ്ഡലം ഗോ ഇലക്ട്രിക് കമ്പയിൻ**

ഊർജ്ജ കാര്യശേഷിയും  
ഊർജ്ജ സംരക്ഷണവും

അവബോധന ക്ലാസ്

ഊർജ്ജസംരക്ഷണ റാലി

പ്രതിജ്ഞ

പ്പെടു ശേഖരണം

2021 ഡിസംബർ 14 ചൊവ്വാഴ്ച  
ഉച്ചക്ക് 2.00ന്  
ഞാറക്കൽ കുടുംബശ്രീ  
സി ഡി എസ് ഹാളിൽ



ഉദ്ഘാടനം :

**ശ്രീ. കെ.എൻ. ഉണ്ണികൃഷ്ണൻ**

ബഹു. എം എൽ എ,  
വൈപ്പിൻ നിയോജക മണ്ഡലം



## കാര്യപരിപാടി

സ്വാഗതം:

ശ്രീമതി മിനി രാജു  
വൈപ്പിൻ പ്രസിഡന്റ്, ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത്

അദ്ധ്യക്ഷൻ:

ശ്രീ. ടി ടി ഷോൺസിസ്  
പ്രസിഡന്റ്, ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത്

ഉദ്ഘാടനം:

**ശ്രീ. കെ എൻ ഉണ്ണികൃഷ്ണൻ**

ബഹു. എം എൽ എ, വൈപ്പിൻ നിയോജക മണ്ഡലം

മുഖ്യാതിഥികൾ:

ശ്രീമതി നിത്യ വിനോദ്

പ്രസിഡന്റ്, നായരമ്പലം ഗ്രാമപഞ്ചായത്ത്

ശ്രീമതി രസികല പ്രിയരാജ്

പ്രസിഡന്റ്, എളങ്കുന്ന്യൂ ഗ്രാമപഞ്ചായത്ത്

ആശംസകൾ:

ശ്രീ. ചെറിയാൻ വാളുരാൻ

വികസന സ്റ്റാൻഡിംഗ് കമ്മിറ്റി ചെയർമാൻ

ശ്രീമതി രാജി ജിഘേഷ് കുമാർ

ക്ഷേമകാര്യ സ്റ്റാൻഡിംഗ് കമ്മിറ്റി ചെയർപേഴ്സൺ

ശ്രീ. എ പി ലാലു

മെമ്പർ, ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത്

വിദഗ്ദ്ധ ഭാഷണം:

ശ്രീ. പി പി ഗാന്ധി

ആരോഗ്യ വിദ്യാഭ്യാസ സ്റ്റാൻഡിംഗ് കമ്മിറ്റി ചെയർമാൻ

വോതവത്കരണ ക്ലാസ്:

ശ്രീ. രഞ്ജിത്ത് കെ യു

കോർഡിനേറ്റർ, രാജഗിരി ഓട്ട് റീച്ച്,

രാജഗിരി കോളേജ് ഓഫ് സോഷ്യൽ സയൻസസ്,

കളമശ്ശേരി

നന്ദി:

ഡോ. നിന ജോർജ്ജ്

അസി. പ്രൊഫസർ, മഹാരാജാസ് കോളേജ്,

എറണാകുളം

കൺവീനർ - സയൻസ് ഷോറം

തിരഞ്ഞെടുക്കപ്പെടുന്ന 10 പേർക്ക്

എൽ ഇ ഡി ബൾബ് സൗജന്യമായി നൽകുന്നതാണ്.

പരിപാടിയിൽ പങ്കെടുക്കുന്ന എല്ലാവരും അവസാന മാസത്തെ

കറന്റ് ബിൽ കോപ്പി / ഫോട്ടോ

കൈയ്യിലോ മൊബൈലിലോ കരുതേണ്ടതാണ്.

സംഘാടനം:

എന്നർജി മാനേജ്മെന്റ് സെന്റർ - കേരളം

മഹാരാജാസ് കോളേജ് സയൻസ് ഫോറം - എറണാകുളം

About 52 persons participated in the program. The program was successful with active participation of the members present. The program ended with vote of thanks by the Science forum Convener. A rally was held from Njarakkal to Hospital Junction following the webinar. The Panchayath Secretary flagged off the Urjakiran rally, and at its conclusion oath was taken. As part of the Signature campaign, the general public was asked to sign on a cloth banner, and pamphlets on energy conservation and management were distributed.

Science Forum activities 2021-22

Following members constituted the Science forum 2021-22.

Convener: Dr. Neena George, Asst. Professor, Department of Chemistry

Coordinators

Mr. Prasad K. A., Asst. Professor, Department of Physics

Dr. Venugopal B., Asst. Professor, Department of Chemistry

Ms. Anitha Abraham, Asst. Professor, Department of Zoology

Ms. Jess Mary James, Asst. Professor, Department of Botany

Ms. Thasneem T. R., Asst. Professor, Department of Mathematics

Dr. Priya P. Menon, Asst. Professor, Department of Statistics

186 students from the various science departments became members of the Science Forum 2021-22.

Science Forum successfully conducted various programs during the year 2021-22.

#### 1. KSEB power quiz

KSEB in association with Maharaja's College Science Forum, conducted POWER QUIZ on 31st October 2021 in order to create awareness on the importance of 'Saving power for future'. It was an online quiz competition. About 26 students from our college participated for the quiz program. Gowripriya R. of I B. A. Economics Honors won first prize and Sreeram Raveendran P. of III BA Malayalam won second prize. Both were selected for the district level quiz competition. Prizes were distributed to the winners by the KSEB authorities.







## Notice



### ഊർജ്ജ കിരൺ 2021-22

"ഗോ ഇലക്ട്രിക് ക്യാമ്പയിൻ"  
വൈപ്പിൻ നിയോജക മണ്ഡലം

ഊർജ്ജ കാര്യശേഷിയും ഊർജ്ജ സംരക്ഷണവും  
ക്ലാസ്, ഊർജ്ജസംരക്ഷണ റാലി - പ്രതിജ്ഞ, ട്രൂപ്പ് ശേഖരണം  
2021 ഡിസംബർ 9 വ്യാഴാഴ്ച രാവിലെ 9.30ന്  
ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത് ഹാളിൽ

ഊർജ്ജ ഉപയോഗം മനുഷ്യ ജീവിതത്തിന് ഒഴിച്ചുകൂടാനാകാത്ത ഘടകമാണ് എന്ന കാര്യത്തിൽ സംശയത്തിന് ഇടയില്ല. വിളക്കുകൾ കത്തിക്കുന്നതിനും വാഹനങ്ങൾ ഓടിക്കുന്നതിനും, ഭക്ഷണം പാകം ചെയ്യുന്നതിനും, യന്ത്രങ്ങൾ പ്രവർത്തിപ്പിക്കുന്നതിനുമൊക്കെ ഊർജ്ജം കൂടിയേ തീരൂ. ഇന്ത്യയിൽ ഇന്ന് നാം ഉപയോഗിക്കുന്ന ഊർജ്ജത്തിൽ നല്ലൊരു ഭാഗം പുനരുപയോഗിക്കുവാൻ സാധിക്കാത്ത ഊർജ്ജ സ്രോതസ്സുകളിൽ നിന്നുള്ളതാണ്. ഇവയെല്ലാം തന്നെ തീർന്നു കൊണ്ടിരിക്കുന്ന വിഭവങ്ങൾ ആണെന്ന് മാത്രമല്ല ഇതിൽ നിന്ന് വരുന്ന ഹരിതഗ്രഹ വാതകങ്ങളാണ് ഇന്ന് നാം അനുഭവിക്കുന്ന കാലാവസ്ഥാവ്യതിയാനത്തിനും അതിന്റെ അനന്തര ഫലങ്ങളായ അതിതീവ്ര കാലാവസ്ഥാപ്രതിഭാസങ്ങൾക്കും പ്രകൃതിദുരന്തങ്ങൾക്കും കൃഷിനഷ്ടത്തിനുമൊക്കെ പ്രധാന കാരണം. പൊതുജനങ്ങൾക്ക് ഊർജ്ജ സംരക്ഷണത്തിന്റെ ആവശ്യകതയും അതിനുള്ള മാർഗ്ഗങ്ങളും പകർന്നു നൽകാനും സംസ്ഥാനതലത്തിൽ ഊർജ്ജ സംരക്ഷണ പ്രവർത്തനങ്ങൾക്ക് രൂപം നൽകി നടപ്പിലാക്കാനുമായി ഇന്ത്യയിൽ തന്നെ ആദ്യമായി സ്ഥാപിതമായ സംസ്ഥാനതല ഊർജ്ജപരിപാലനകേന്ദ്രമാണ് ഊർജ്ജവകുപ്പിന്റെ കീഴിൽ പ്രവർത്തിക്കുന്ന എനർജി മാനേജ്മെന്റ് സെന്റർ കേരള (ഇഎംസി). ഇഎംസിയുടെ പരിശീലന ബോധവൽക്കരണ പരിപാടികളിൽ സുപ്രധാനമായ ഒന്നാണ് 2015 മുതൽ നടത്തി വരുന്ന ഊർജ്ജ കിരൺ പദ്ധതി. പ്രാദേശിക തലത്തിൽ സന്നദ്ധസംഘടനകൾ, കോളേജുകളിലെ നാഷണൽ സർവീസ് ന്സ്കം തുടങ്ങിയവയുടെ പങ്കാളിത്തത്തോടെ പൊതുജനങ്ങൾക്കായി നടത്തുന്ന ഊർജ്ജ സംരക്ഷണ പരിശീലന ബോധവൽക്കരണ പരിപാടിയാണ് ഇത്. കേന്ദ്ര നവരവികസന മന്ത്രാലയത്തിന്റെ സെന്റർ ഓഫ് എക്സലൻസ് ആയി തിരയെടുത്തുപ്രദേശ് പ്രവർത്തിക്കുന്ന സെന്റർ ഫോർ എൻവൈറോൺമെന്റ് ആൻഡ് ഡെവലപ്മെന്റാണ് ഈ പദ്ധതി സംസ്ഥാനമൊട്ടാകെ ഏകോപിച്ച് നടപ്പാക്കുന്നതിനുള്ള റിസോഴ്സ് ഏജൻസിയായി പ്രവർത്തിക്കുന്നത്.

ഊർജ്ജ കാര്യശേഷിയും ഊർജ്ജ സംരക്ഷണവും എന്ന പൊതുവിഷയത്തിന് പുറമേ ഈ വർഷത്തെ ഊർജ്ജ കിരൺ പരിപാടിയിൽ പ്രധാനമായി ചർച്ച ചെയ്യുന്ന വിഷയമാണ് "ഗോ ഇലക്ട്രിക്" എന്നത്. കേന്ദ്ര ഊർജ്ജ മന്ത്രാലയത്തിന്റെ കീഴിലുള്ള ബ്ലാറ്റോ ഓഫ് എനർജി എഫിഷൻസി (ബി.ഇ.ഇ) സംസ്ഥാന സർക്കാരുകളുടെ സഹകരണത്തോടെ കഴിഞ്ഞ പരിസ്ഥിതി ദിനത്തിൽ ഉദ്ഘാടനം ചെയ്ത് നടപ്പാക്കി വരുന്ന പദ്ധതിയാണ് "ഗോ ഇലക്ട്രിക് ക്യാമ്പയിൻ". ഭാര്യത്തെ ഗതാഗതത്തിന്റെ 100 ഭാഗവും വൈദ്യുത വാഹനങ്ങളിലേക്കും ഭവനവും സുരക്ഷിതവുമായ വൈദ്യുതി ഉപയോഗിച്ചുള്ള പാലകത്തിലേക്കും നയിക്കുക, ഇന്നുവരെ ഉറക്കുമതി ആശ്രിതരും കുറയ്ക്കുക, കുറഞ്ഞ കാർബൺ സമ്പദ് വ്യവസ്ഥയുടെ പാതയിൽ മുന്നോട്ടു പോകുക, കാലാവസ്ഥാ വ്യതിയാനത്തിന്റെ പ്രതികൂല ആഘാതത്തിൽ നിന്ന് ഭാര്യയെയും ജനങ്ങളെയും രക്ഷിക്കുക എന്നതാണ് ഈ ക്യാമ്പയിന്റെ പ്രധാന ഉദ്ദേശം. മുഖ്യവിഷയത്തിന് പ്രാധാന്യം നൽകിയുള്ള വെബിനാറുകൾ, അവബോധ ക്ലസ്റ്ററുകൾ, വനിതാസംരംഭക ഭാഷികരണ ശിൽപശാലകൾ, ഊർജ്ജ സംരക്ഷണ റാലി, പ്രതിജ്ഞ, ട്രൂപ്പ് ശേഖരണം തുടങ്ങിയ പരിപാടികളാണ് ഈ വർഷത്തെ ഊർജ്ജ കിരൺ പദ്ധതിയിൽ ഉൾപ്പെടുത്തി സംസ്ഥാനമൊട്ടാകെ 2021 ഡിസംബർ ഒന്ന് മുതൽ പതിനാല് വരെയുള്ള കാലയളവിൽ നടപ്പാക്കുന്നത്. ആസാദി ക. അയ്യപ്പൻ മഹോത്സവത്തിന്റെ ഭാഗമായിട്ടുകൂടിയാണ് ഈ വർഷത്തെ പരിപാടികൾ സംഘടിപ്പിക്കുന്നത്.

വൈപ്പിൻ അസംബ്ലി നിയോജകമണ്ഡലത്തിൽ ഈ പരിപാടി നടപ്പാക്കുന്നതിന് ഇഎംസി തിരഞ്ഞെടുത്തിരിക്കുന്നത് മഹാരാജാസ് കോളേജ് സയൻസ് ഫോറത്തെയാണ്. ക്യാമ്പയിന്റെ ഭാഗമായി ഡിസംബർ 9 വ്യാഴാഴ്ച രാവിലെ 9.30ന് ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത് ഹാളിൽ വച്ച് ഒരു ബോധവൽക്കരണ ക്ലാസ് നടത്തുന്നതാണ്. തുടർന്ന് ബോധവൽക്കരണ റാലിയും അതിനു ശേഷം ഊർജ്ജ സംരക്ഷണ പ്രതിജ്ഞയും ട്രൂപ്പ് ശേഖരണവും നടക്കുന്നു.

പരിപാടികളുടെ ഔദ്യോഗികമായ ഉദ്ഘാടനം ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത് പ്രസിഡന്റ് ശ്രീ. ടി. ടി. പ്രാൻസിസിന്റെ അദ്ധ്യക്ഷതയിൽ നടക്കുന്ന യോഗത്തിൽ ബഹുമാനപ്പെട്ട എം. എൽ എ. ശ്രീ. കെ. എൻ. ഉണ്ണികൃഷ്ണൻ നിർവ്വഹിക്കുന്നു. പ്രസ്തുത പരിപാടിയിലേക്ക് എല്ലാവരെയും സാദരം ക്ഷണിക്കുന്നു.

ശ്രീ. ടി. ടി. പ്രാൻസിസ്  
പ്രസിഡന്റ്  
ഞാറക്കൽ ഗ്രാമപഞ്ചായത്ത്

ഡോ. നീന ജോർജ്ജ്  
കൺവീനർ  
മഹാരാജാസ് കോളേജ് സയൻസ് ഫോറം  
ഫോൺ: 98953 10103

തിരഞ്ഞെടുക്കപ്പെടുന്ന 10 പേർക്ക് എൽ ഇ ഡി ബൾബ് സൗജന്യമായി നൽകുന്നതാണ്.  
പരിപാടിയിൽ പങ്കെടുക്കുന്ന എല്ലാവരും അവസാന മാസത്തെ കുറച്ച് ബിൽ കോപ്പി / ഫോട്ടോ കൈയ്യിലോ മൊബൈലിലോ കരുതേണ്ടതാണ്.

About 52 people participated in the program. The program was successful with active participation of the members present. The program ended with vote of thanks by the Science forum Convener. A rally was held from Njarakkal to Hospital Junction following the webinar. The Panchayath Secretary flagged off the Urjakiran rally, and at its conclusion oath was taken. As part of the Signature campaign, the general public was asked to sign on a cloth banner, and pamphlets on energy conservation and management were distributed.



Go-electric Campaign

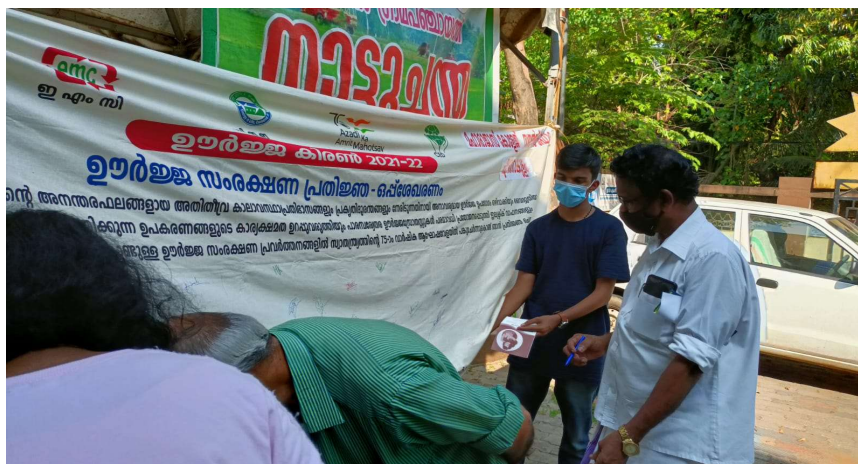




Class by the resource person



LED bub distribution



Signature campaign



**Urjakiran Rally**

All the programs under URJAKIRAN 2021-22 were effective and very useful for the public in invoking the awareness on the importance of conserving energy and to use efficiently for better future and also to know about e-vehicles. The campaign conducted in Vypin Assembly paved the way for conducting outreach program by the science forum and helped in creating a bond between the college and society.

### 3. National Science Day Celebration

National Science Day 2022 was celebrated jointly by Science forum and Chemistry Association. On this occasion a Power point presentation contest on the theme 'Integrated Approach in Science and Technology for Sustainable Future' has been conducted for the students of Maharaja's College. The competition was on 26<sup>th</sup> February 2022 on Google meet. Lijisha M. S. of III BSc Mathematics and Jaseena A. of 1BSc Physics won first and second prize respectively. Winners were given cash prizes. A webinar was conducted in association with Chemistry Association of the college on 28<sup>th</sup> day of February 2022 with Sri Aravind K., Assistant Prof., S. B. College, Changanassery as the resource Person. Dr. Neena George, Science Forum Convener welcomed the gathering. Dr. Meera Gopal, Head of the Dept. of Chemistry presided over the function. The webinar was inaugurated by the Principal. Sri. Arvanid K. delivered an interesting talk on the topic 'Vadaku Nokkatha Yanthram'. The talk was very informative and relevant. The programme came to an end with the vote of thanks by Ms. Jess Mary, Asst. Prof. Dept. of Botany. There were around 50 participants for the programme.





**NATIONAL SCIENCE DAY CELEBRATION 2022**  
**28th February 2022 | 7 pm**  
 Google Meet

**THEME :**  
**INTEGRATED APPROACH IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE**

Organised by  
 Science Forum &  
 Chemistry Association  
 Maharaja's College,  
 Ernakulam

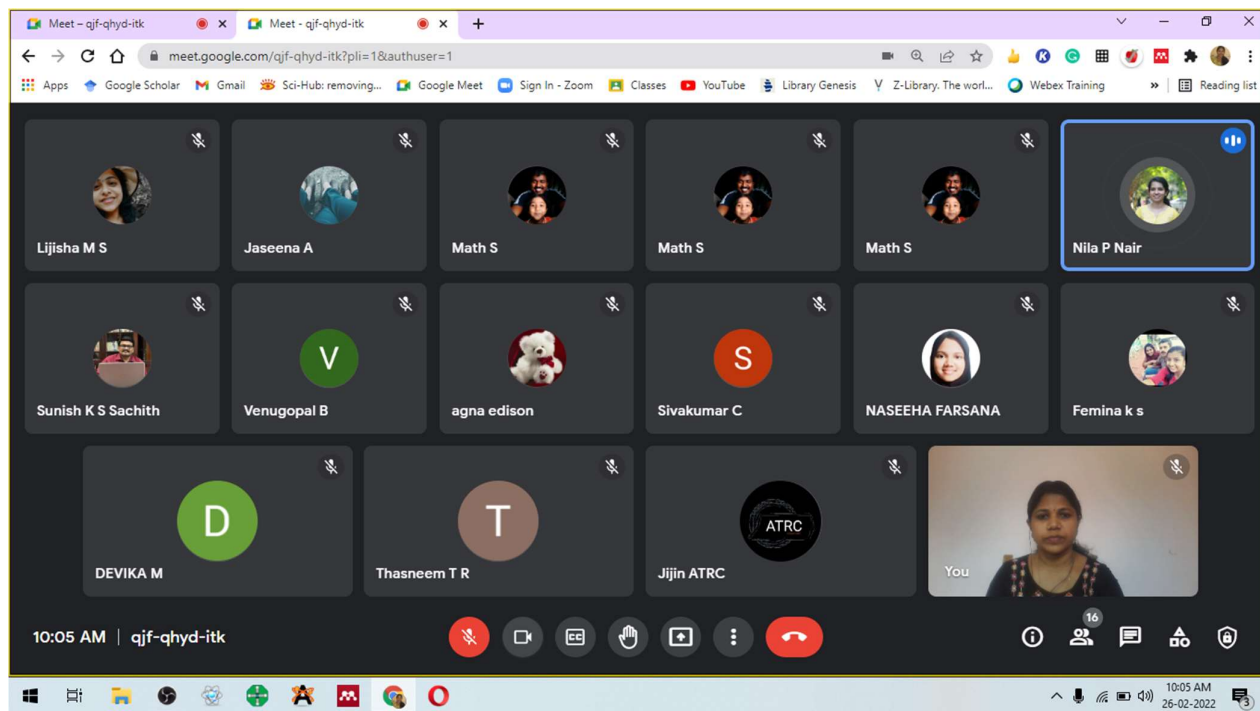
Convener:  
**Dr. Neena George**  
**9895310103**

Coordinators:  
**Sibil Rehman**  
**9526876060**  
**Agna Edison**  
**7902241561**

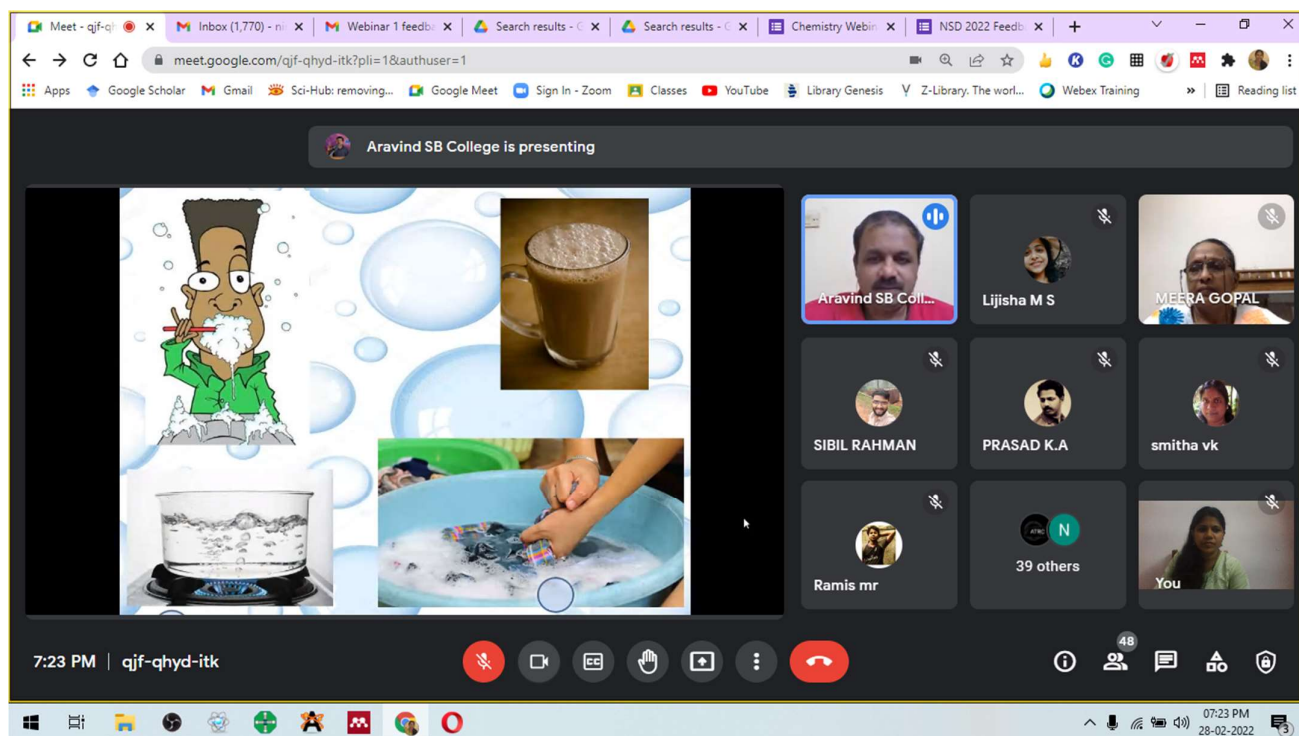
**Resource Person**  
**Sri. Aravind K.**  
 Assistant Professor  
 SB College  
 Changanassery

**ONLINE POWERPOINT PRESENTATION CONTEST**  
 on 26/02/2022 @ 10 am on Google meet

**CASH PRIZE FOR THE WINNERS !!!**



Power point presentation competition on 26/02/2022



NSD Webinar on 28/02/2022

### Winners of the PPT contest

Theme: Integrated Approach in Science and Technology for Sustainable Future

#### 1<sup>st</sup> Prize (Cash Prize-Rs. 1000/-)

Lijisha M. S., III BSc Mathematics

#### 2<sup>nd</sup> Prize (Cash Prize-Rs. 500/-)

1. Jaseena A. , I BSc Physics

## **10. Tutorial Committee**

The Tutorial Committee for the academic year 2021-2022 was constituted by the Principal of Maharajas College in Ernakulam. The decision was approved by the Staff Council, and Dr. Surya Aravindakshan, an Associate Professor from the Department of Political Science, was appointed as the Convenor of the Committee. Other members of the Committee included Dr. Divya T, an Assistant Professor from the History department, Dr. Sindu K S, an Assistant Professor from the Music department, Salahuddin K, an Assistant Professor from the Arabic department, and Gishamol Mathew, an Assistant Professor from the Physics department. Due to the pandemic, the 2021-2022 academic year was heavily affected, with most classes being conducted online. To provide necessary help to students and overcome any academic issues that may have arisen due to the pandemic, the Tutorial Committee implemented a weekly tutorial program. This program was held during the last hour of every Wednesday, and teachers were assigned to closely interact with their designated students during this time. This allowed students to receive personalized attention and guidance from their teachers. The Tutorial Committee frequently monitored the activities of each teacher and collected feedback from

students to ensure that the program was running smoothly and effectively. As a result, the tutorial program was highly successful, and after the restarting of offline classes, it was conducted even more fruitfully. The program proved to be a valuable resource for students, as it allowed them to receive the extra help they needed to succeed in their studies despite the challenging circumstances posed by the pandemic. Overall, the Tutorial Committee of 2021-2022 played an important role in supporting the academic success of students at Maharajas College in Ernakulam, especially during a difficult year. The commitment and dedication of the committee members, along with their focus on meeting the needs of students, ensured the success of the tutorial program and helped students to overcome the challenges posed by the pandemic.

## **11. Internal Examination Committee**

The Internal examination committee consisted of Convenor and one representative from all the departments except Physical Education. Committee met as and when needed, offline and sometimes online too. The first cycle of internal examinations for the academic year was scheduled following the online meeting of academic council to finalize the academic calendar 2021-22, on 02/06/2021. It was decided to conduct the First internal examination of II Semester UG and II Semester PG on any convenient dates between 10/6/2021 and 18/6/2021. It was also decided that the examinations can be conducted during the periods of respective teachers, or even outside the class hours, if students are willing. Department coordinators were informed to mail the mark lists of the internal examination to the Convener on or before 25/6/2021. A meeting convened on 25/6/2021, decided to conduct the Second internal examination of II Semester UG and II Semester PG on any convenient dates between 10/7/2021 and 18/7/2021. Examinations can be conducted during the periods of respective teachers. It can also be outside the class hours, if students are willing. Department coordinators were informed to mail the mark lists of the internal examination to the Convener on or before 25/7/2021. Notice was given on 12/9/2021, to all departments to schedule the First internal examination of V sem UG at their convenience before 25th of September. Consolidated mark lists should reach the coordinator before 30th of September, without fail. On 28/10/2021 notice was issued to all departments to conduct the second internal of V sem UG from 10/11/2021 to 16/11/2021 and to mail the Mark lists to the convenor on or before 20/11/2021. Intimation was given on 08/11/2021 as follows: In the backdrop of the indefinite strike called for by private bus operators, v sem internal exams are postponed and that the dates will be informed later. However, since bus strike was withdrawn, it was further informed that internal exams can be conducted as scheduled earlier.

First internal examinations of III sem UG and PG was conducted from 3/12/2021 to 10/12/2021. Malayalam and Sanskrit exam was scheduled on 9/12/2021. English exam was conducted by the parent depts, on the same day, same time.

For the serious and systematic conduct of I internal exams of iii sem ug, the time table is scheduled as follows: 6/12..complementary I, 7/12..complementary II, 8/12..Core, 9/12..Second language, 10/12..English ..Time is 9.45 to 11.15 on all days. It was decided that all exams must be conducted by the parent department itself. However, change in schedule was brought about as per council decision... and time table was 6/12/21 -10 to 11.30 complementary I, 1.30 to 3.00- complementary II, 7/12- 10to 11.30-core, 9/12- 10 to 11.30 Addl. Lang, 1.30 to 3.00- English

First internal examination of I sem UG and PG was conducted in the first week of January 2022.

An online meeting of all members is scheduled at 10 am 27/12/2021. It was decided that for the internal exams already conducted, the retest can be given on the basis of a request letter from student signed by tutor and recommended by HoD of the student. Coming exam onwards, students must be made aware that retest will be entertained only on genuine grounds.... and the format of request will be made available by then. All depts must conduct the second internal exams of i ug and pg on days from 25/02/22 to 04/03/22 and submit the mark lists before 10/02/22. Time and dates of PG examination can be scheduled as per depts convenience. For the conduct of exams of language, departments were entrusted to fix their schedule, ideally during own periods. All examinations were over by 5th March. For the conduct of all the above examinations financial assistance for question paper printing was done by PTA.

## 12. Sports and Games

The college takes immense pride in its sports teams and athletes who have demonstrated remarkable excellence at various levels of competition. During the 2021-22 academic year, the Department of Physical Education spearheaded an effort to provide rigorous training through coaching camps, enabling our students to participate in a range of sports and games hosted by institutions like Mahatma Gandhi University. Our players also had the opportunity to compete in District, State, National, and International level competitions. As a result of their hard work and dedication, many of our players achieved remarkable success, with several being selected to represent their respective states in national-level competitions. Furthermore, our students made a notable impact at junior and senior nationals, South Zone inter-university events, and All India inter-university competitions, earning numerous accolades and honours. We take pride in the achievements of our sports teams and athletes and remain committed to fostering a culture of excellence and dedication to sports within our institution.

### *All India Interuniversity medal winners 2021-22*

#	NAME	Adm. No.	Class	Department	Event	Position
1	Muhammed Fayiz P	7287	II BA	Economics	Football	Third
2	Soyal Joshy	7285	II BA	Economics	Football	Third
3	Bibin Boban	7589	II BA	Archealogy	Football	Third
4.	Harisankar Ks	6159	II BA	Politics	Football	Third
5	Athul Unnikrishnan	5874	II BA	Islamic History	Football	Third
6	Nimshad Roshan	6129	II MA	Philosophy	Football	Third
7	Gowri Nandana	7663	I BA	Politics	4x400 Mixed Relay	First
8	Bhavika V S	6321	II BA	Economics	4x100m Relay	Second

9	Sandra A S	6315	II BA	Politics	4x100m Relay	Second
10	Gowri Nandana	7663	I BA	Politics	4x400 M Relay	Second
11	Shyamjith Es	7533	II BA	Politics	Best Physique	Third

**South Zone Interuniversity medal winners 2021-22**

#	NAME	Adm. No.	Class	Department	Event	Position
1	Muhammed Fayiz P	7287	II BA	Economics	Football	First
2	Soyal Joshy	7285	II BA	Economics	Football	First
3	Bibin Boban	7589	II BA	Archealogy	Football	First
4.	Harisankar Ks	6159	II BA	Politics	Football	First
5	Athul Unnikrishnan	5874	II BA	Islamic History	Football	First
6	Nimshad Roshan	6129	II MA	Philosophy	Football	First

**KHELO INDIA - INTERUNIVERSITY –MEDAL WINNERS 2021-22**

#	Name	Ad m. No.	Certi ficat e No	Class	Department	Event	Position
1	Muhammed Fayiz P	7287		II BA	Economics	Football	Third
2	Bibin Boban	7589		II BA	Archealogy	Football	Third
3	Harisankar Ks	6159		II BA	Politics	Football	Third
4	Athul Unnikrishnan	5874		II BA	Islamic History	Football	Third
5	Nimshad Roshan	6129		II MA	Philosophy	Football	Third
6	Bhavika V S	6321		I BA	Economics	4x100m Relay	First
7	Sandra A S	6315		II BA	Politics	4x100m Relay	First
8	Gowri Nandana	7663		I BA	Politics	4x400 M Relay	Second
9	Rohith Soman	550		III	Commerce	Fencing -	Third

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NATIONAL-SENIOR/JUNIOR –MEDAL WINNERS 2021-22

#	NAME	Ad m. No.	Certi ficate No	Class	Department	Event	Position
1	Soyal Joshy	728 5	0170 54	II BA	Economics	Football- Santhosh Trophy	First
2	Kiran Kannan			II BA	History	Cycling	
3	Aleena Babu			II B.co m.	Commerce	Cycle Polo	Second

ALL INDIA INTERUNIVERSITY PARTICIPATION/NON PARTICIPATION

#	NAME	Adm. No.	Class	Departmen t	Event	Position
1	Rohith Soman	5501	III BCOM	Commerce	Fencing	Participation
1	Sooraj Baburaj	6895	II MA	Politics	Hockey 5's	Participation
2	Ashlin Joseph	6864	II MSc	Chemistry	Hockey 5's	Participation
3	Nikhil Noushad	7667	I BSc	Zoology	Hockey 5's	Participation
5	Abhinav K C	5721	III BSc	Maths	Cycling	Participation
6	Jintu C T	8538	I MSc	Physics	Taekwondo	Participation
7	Jintu C T	8538	I MSc	Physics	Karate	Participation
8	Yadhu Krishnan KK	3088	II M com	Commerce	Wrestling	Participation
9	Mabeesh Lal P M	7295	II BA	English	Fencing	Participation
10	Ajay A S	9036	I M com	Commerce	Wrestling	Participation
11	Anoop T S	6717	II BA	English	Fencing	Participation
12	Midhun Vijay	7755	I BA	Philosophy	Fencing	Participation
13	Alkesh A	6478	II BA	History	Fencing	Participation
14	Muhammed Shahid PP	5513	III BSc	Maths	Wrestling	Participation
15	Muhammed Miswan	6943	II MA	English	Wrestling	Participation

	PN					
16	Muhammed Niyas K P	5512	III B com	Commerce	Wrestling	Participation
17	Abdul Malik V K	7776	I BA	English	Wrestling	Participation
18	Kiran Kannan	7189	II BA	History	Cycling	Participation
19	Gloria Siblu Charlie	7661	I Bcom	Commerce	Wrestling	Participation
20	Mohammed Nijad N V	5591	III BA	English	Best Physique	Participation
21	Anu Mathew	6314	II BA	Politics	Athletics	Participation
22	Subin S	8640	I Mcom	Commerce	Baseball	Participation
23	Bovas M justine	8639	I MA	English	Baseball	Participation
24	Abdul Bazith P A	6889	II MA	Hindi	Baseball	Participation
25	Emil Eldho	8816	I MSc	Chemistry	Karate	Participation
26	Krishnanunni H	5823	III BA	Philosophy	Taekwondo	Participation
27	Shahina Sherin	6990	II BSc	Physics	Taekwondo	Participation
28	Mary Sonia Mendez	7615	I BA	Archaeology	Taekwondo	Participation
29	Gautham Kishore T	7692	I BA	English	Ball Badminton	Participation
30	Mohammed Adeeb	7662	I Bcom	Commerce	Ball Badminton	Participation
31	Harikrishnan V V	7694	I BA	English	Ball Badminton	Participation
32	Athira M A	8633	I MA	Economics	Ball Badminton	Participation
33	Anjali V	6235	II BA	Hindi	Ball Badminton	Participation
34	Fisa T	7611	I BSc	Maths	Ball Badminton	Participation
35	Amrutha J	8002	I MA	English	Baseball	Participation
36	Joseph T J	7313	II BA	History	Athletics	Participation

#### SOUTH ZONE INTERUNIVERSITY PARTICIPATION

##### HOCKEY TEAM MEMBERS

#	NAME	Adm. No.	Class	Department	Event	Position
1	Jithin Yesudas	3132	III BA	Philosophy	Hockey	Participation
2	Ashlin Joseph	4831	III BSc	Chemistryh	Hockey	Participation
3	Nikhil Noushad	7667	I BSc	Zoology	Hockey	Participation

#### 2.CRICKET

#	NAME	Adm. No.	Class	Department	Event	Position
1	Abdul Bazith P A	6889	II MA	Hindi	Cricke t	Non-Participation



2	Jerin P S	5505	III BA	History	Cricke t	Non-Participation
3	Subin S	8640	I MCom	Commerce	Cricke t	Non-Participation
4	Akash K Babu	4039	III BA	Malayalam	Cricke t	Non-Participation
5	Bovas M Justine	8639	II MA	English	Cricke t	Non-Participation

#### 4.Football (Women)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Merlin P Jose		I BA	Economics	Football	Participation
2	Aswathi S	5732	III BA	Economics	Football	Participation

#### 5.KHO KHO (WOMEN)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Sreepriya K S	6883	II MSc	Chemistry	Kho kho	Participation

#### STATE LEVEL MEDAL WINNERS AND PARTICIPATION

#	NAME	Adm. No.	Class	Department	Event	Position
1	Muhammed Nijad NV	5591	I BA	English	Power Lifting	First
2	Saheer Iqubal	3100	II BA	English	Wrestling	First
3	Yadhu Krishnan KK	3088	II Bcom	Commerce	Wrestling	First
4	Ajay A S	4021	II BA	Economics	Wrestling	Second
5	Athira M A	4053	II BA	History	Ball Badminton	Participation
6	Muhammed Miswan	3056	II BA	English	Wrestling	First

### Intercollegiate sports and games participation

- |                       |                        |                        |
|-----------------------|------------------------|------------------------|
| 1. Football (M)       | 11. Hockey (M)         | 21. Athletics,         |
| 2. Football (W)       | 12. Cricket            | 22. Best physique      |
| 3. Hockey5's (M)      | 13. Swimming           | 23. Power Lifting (M)  |
| 4. Hockey5's (W)      | 14. Shuttle badminton  | 24. Power Lifting (W)  |
| 5. Taekwondo (W)      | 15. Yoga (W)           | 25. Fencing(W)         |
| 6. Wrestling (M)      | 16. Judo               | 26. Kho kho            |
| 7. Weight Lifting (W) | 17. Fencing(M)         | 27. Taekwondo (M)      |
| 8. Basketball         | 18. Ball Badminton (M) | 28. Ball Badminton (W) |
| 9. Kabaddi            | 19. Wrestling (W)      | 29. Hockey (W)         |
| 10. Cycling           | 20. Weight Lifting (M) | 30. Roll Ball          |

### INTERCOLLEGIATE MEDAL WINNERS

#### 1 . Hockey 5's – Team 1<sup>st</sup> position

#	NAME	Adm. No.	Class	Department	Event	Position
1	Akhil Noushad	7629	IBSc	Physics	Hockey 5's	1 <sup>st</sup>
2	Febin Antony Paul	7650	I BA	Politics	Hockey 5's	1 <sup>st</sup>
3	Nikhil Noushad	7667	IBSc	Zoology	Hockey 5's	1 <sup>st</sup>
4	Abhijith K L	4050	IIIBSc	Maths	Hockey 5's	1 <sup>st</sup>
5	Ashlin Joseph	2992	III BSc	Chemistry	Hockey 5's	1 <sup>st</sup>
6	Jithin Yesudas	3132	III BA	Philosophy	Hockey 5's	1 <sup>st</sup>
7	Ashkar P A	4017	I BA	BCom	Hockey 5's	1 <sup>st</sup>
8	Sooraj Baburaj	3576	III BA	Politics	Hockey 5's	1 <sup>st</sup>
9	Abdul Hameed K K	6905	II MA	Arabic	Hockey 5's	1 <sup>st</sup>

#### 2 . Hockey Team – Team Championship - 3<sup>rd</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	Sooraj Baburaj	6895	Ii Ma	Politics	Hockey	3 <sup>rd</sup>
2	Husainul Junais K	7584	Ii Ba	History	Hockey	3 <sup>rd</sup>
3	Asif Ali S A	7354	Ii Ba	Philosophy	Hockey	3 <sup>rd</sup>
4	Robinson	6986	Ii Ba	Malayalam	Hockey	3 <sup>rd</sup>
5	Ashlin Joseph	6864	Ii Msc	Chemistry	Hockey	3 <sup>rd</sup>
6	Akhil Noushad	7629	I Bsc	Physics	Hockey	3 <sup>rd</sup>
7	Feabin Antony Paul	7650	I Ba	Politics	Hockey	3 <sup>rd</sup>
8	Nikhil Noushad	7667	I Bsc	Zoology	Hockey	3 <sup>rd</sup>
9	Abhijith P S	4047	I Msc	Chemistry	Hockey	3 <sup>rd</sup>
10	Christo Sojan	7522	II MSc	GEOLOGY	Hockey	3 <sup>rd</sup>

11	Jithin Yesudas	7540	II MA	PHILOSOPHY	Hockey	3 <sup>rd</sup>
12	Samuel Yesudas	8708	I MA	POLITICS	Hockey	3 <sup>rd</sup>
13	Abhijith Kl	4050	III BSc	MATHS	Hockey	3 <sup>rd</sup>
14	Ashker P A	4017	III BCOM	COMMERCE	Hockey	3 <sup>rd</sup>
15	Antony Jeshlin Jackson	6865	II MA	MALAYALAM	Hockey	3 <sup>rd</sup>
16	Arshad P A	8679	I BA	ISL HISTORY	Hockey	3 <sup>rd</sup>
17	James Elias A J	6246	II BSc	CHEMISTRY	Hockey	3 <sup>rd</sup>
18	Hashim Javad M	6,583	II BA	PHILOSOPHY	Hockey	3 <sup>rd</sup>

#### Wrestling – Team Championship

#	NAME	Adm. No.	Class	Department	Event	Position
1	Saheer Iqbal	6491	II MA	English	Wrestling	2 <sup>nd</sup>
2	Yadhu Krishnan KK	6888	II Mcom	Commerce	Wrestling	1 <sup>st</sup>
3	Ajay A S	9036	I Mcom	Commerce	Wrestling	1 <sup>st</sup>
4	Mohammed Miswan	6943	II MA	English	Wrestling	1 <sup>st</sup>
5	Mohammed Niyas	5512	III Bcom	Commerce	Wrestling	1 <sup>st</sup>
6	Mohammed Shahid P P	5513	III BSc	Maths	Wrestling	1 <sup>st</sup>
7	Abdul Malik	7776	I BA	English	Wrestling	1 <sup>st</sup>
8	Mohammed shafi	7742	I BA	Islamic History	Wrestling	2 <sup>nd</sup>
9	Levi Geejan	6146	III BA	Economics	Wrestling	2 <sup>nd</sup>

#### 3.Best Physique

#	NAME	Adm. No.	Class	Department	Event	Position
1	Muhammed Nijad N V	5591	Iii Ba	English	Best Physique	1st
2	Manikandan S	7668	I Ba	Hindi	Best Physique	3 <sup>rd</sup>
3	Mahesh Kumar K S	8532	I Ma	English	Best Physique	2 <sup>nd</sup>
4	Unnikrishnan S	9038	I Ba	Hindi	Best Physique	3 <sup>rd</sup>
5	Shamjith E S	7533	Ii Ba	English	Best Physique	1 <sup>st</sup>

#### 4.Power Lifting & Weight Lifting

Sl. No	NAME	Adm. No.	Class	Department	Event	Position
1	Rinshad M R	3291	II BA	Politics	Power Lifting	1 <sup>st</sup>
2	Sreejesh S	5887	I BA	Malayalam	Power Lifting	1 <sup>st</sup>
3	Muhammed Nijad NV	5591	I BA	English	Power Lifting	3 <sup>rd</sup>

#### 4.Taekwondo Women – 2<sup>nd</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	MARY SONIA MENDEZ	7615	IBA	ARCHAEOLOGY	Taekwondo	1 <sup>st</sup>
2	JASEELA M.A	6032	IIIBSC	BOTANY	Taekwondo	2 <sup>nd</sup>
3	JINTU CT	8538	IMSC	PHYSICS	Taekwondo	1 <sup>st</sup>
4	SHAHINA SHIRIN P P	6990	II Bsc	PHYSICS	Taekwondo	1 <sup>st</sup>
5	ADITHYA SELVAN	5986	III Bsc	PHYSICS	Taekwondo	2 <sup>nd</sup>

#### 4.Taekwondo Men -4<sup>th</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	Krishnaunni H	5823	IIIBA	PHILOSOPHY	Taekwondo	1 <sup>st</sup>
2	Swabirali K Salam	8669	I MA	MALAYALAM	Taekwondo	3 <sup>rd</sup>
3	Aslam Azad	7443	IIMSC	MATHS	Taekwondo	3 <sup>rd</sup>
4	Alfred John K G	6273	II BSc	PHYSICS	Taekwondo	2 <sup>nd</sup>

#### 5.Fencing (Men & Women) -Champions

#	NAME	Adm . No.	Class	Department	Event	Position
1	Jintu C T	8538	I Msc	Physics	Sabre-Team(W)	3 <sup>rd</sup>
2	Arathi.A	5762	Iii Ba	Economics	Sabre-Team(W)	3 <sup>rd</sup>
3	Sreepriya K S	6883	Ii Msc	Chemistry	Sabre-Team(W)	3 <sup>rd t</sup>
4	Noorjahan E	5376	Iiiba	History	Epee-Individual	3 <sup>rd</sup>

#### 5.Fencing (Men) -Champions

#	NAME	Adm . No.	Class	Department	Event	Position
1	Anoop T S	6717	Ii Ba	English	Foil Individual	2 <sup>nd</sup>
	Mabeesh Lal P M	7295	Ii Ba	English	Foil Individual	1 <sup>st</sup>
2	Rohith Soman	5501	Iii Bcom	Commerce	Epee-Individual	1 <sup>st</sup>
3	Alkesh A	6478	Ii Ba	History	Epee-Individual	3 <sup>rd</sup>
4	Midhun Vijay	7755	I Ba	Philosophy	Sabre Individual	3 <sup>rd</sup>
5	Anoop T S	6717	Ii Ba	English	Foil Team	1 <sup>st</sup>
6	Mabeesh Lal P M	7295	Ii Ba	English	Foil Team	1 <sup>st</sup>
7	Lijo Mathew	9043	I Ba	Malayalam	Foil Team	1 <sup>st</sup>
8	Antony Jeshlin Jackson	6865	Ii Ma	Malayalam	Foil Team	1 <sup>st</sup>

9	Rohith Soman	5501	Iii Bcom	Commerce	Epee Team	1 <sup>st</sup>
10	ALKESH A	6478	II BA	HISTORY	Epee team	1 <sup>st</sup>
11	Sourav Krishna P V	7780	I Ba	Economics Hons	Epee Team	1 <sup>st</sup>
12	Arjun C Sekhar	6922	Ii Msc	Physics	Epee Team	1 <sup>st</sup>
13	Midhun Vijay	7755	I Ba	Philosophy	Sabre Team	2 <sup>nd</sup>
14	Rohith Soman	5501	Iii Bcom	Commerce	Sabre Team	2 <sup>nd</sup>
15	Lijo Mathew	9043	I Ba	Malayalam	Sabre Team	2 <sup>nd</sup>
16	Arjun C Sekhar	6922	Ii Msc	Physics	Sabre Team	2 <sup>nd</sup>

#### 6. Cycling (Men)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Dipin Dileep	7666	II BA	Hindi	1000m Time Trial	3 <sup>rd</sup>
2	Kiran Kannan	7189	II BA	History	1000m Time Trial	2 <sup>nd</sup>
3	Kiran Kannan	7189	II BA	History	1200m Mass Start	2 <sup>nd</sup>
4	Abhinav K c	5721	III BSc	Maths	30Km Point Race	2 <sup>nd</sup>
5	Abhinav K c	5721	III BSc	Maths	4000m Ind. sprint	1 <sup>st</sup>
6	Kiran Kannan	7189	II BA	History	1600m team time Trial	1 <sup>st</sup>
7	Abhinav K c	5721	III BSc	Maths	1600m team time Trial	1 <sup>st</sup>
8	Mahesh R	6850	II MSc	Botany	1600m team time Trial	1 <sup>st</sup>
9	Dipin Dileep	7666	II BA	Hindi	1600m team time Trial	1 <sup>st</sup>
10	Kiran Kannan	7189	II BA	History	Olympic Sprint	3 <sup>rd</sup>
11	Abhinav K c	5721	III BSc	Maths	Olympic Sprint	3 <sup>rd</sup>
12	Antony Jeshlin Jackson	6865	II MA	Malayalam	Olympic Sprint	3 <sup>rd</sup>
13	Dipin Dileep	7666	II BA	Hindi	4000m team Pursuit	1 <sup>st</sup>
14	Kiran Kannan	7189	II BA	History	4000m team Pursuit	1 <sup>st</sup>
15	Abhinav K c	5721	III BSc	Maths	4000m team Pursuit	1 <sup>st</sup>
16	Antony Jeshlin	6865	II MA	Malayalam	4000m team Pursuit	1 <sup>st</sup>

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#### 6. Cycling (Women)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Jintu C T	8538	I MSc	Physics	3000m team Pursuit	3 <sup>rd</sup>
2	Lena Elizabeth Korah	7608	I BSc	Maths	3000m team Pursuit	3 <sup>rd</sup>
3	Rosmi Roni	7744	I BSc	Botany	3000m team Pursuit	3 <sup>rd</sup>
4	Hina Reem M S	5393	III BSc	Zoology	3000m team Pursuit	3 <sup>rd</sup>
5	Jintu C T	8538	I MSc	Physics	Olympic Sprint	3 <sup>rd</sup>
6	Lena Elizabeth Korah	7608	I BSc	Maths	Olympic Sprint	3 <sup>rd</sup>
7	Jintu C T	8538	I MSc	Physics	1600m team time Trial	3 <sup>rd</sup>
8	Lena Elizabeth Korah	7608	I BSc	Maths	1600m team time Trial	3 <sup>rd</sup>
9	Rosmi Roni	7744	I BSc	Botany	1600m team time Trial	3 <sup>rd</sup>
10	Hina Reem M S	5393	III BSc	Zoology	1600m team time Trial	3 <sup>rd</sup>

#### 7. Cricket Team -3<sup>rd</sup> position

#	NAME	Adm. No.	Class	Department	Event	Position
1	Nikhil T	3020	III BA	History	Cricket	3 <sup>rd</sup>
2	Sanju Sajeew	3288	III BA	Economics	Cricket	3 <sup>rd</sup>
3	Abdul Bazith P A	3043	III BA	Hindi	Cricket	3 <sup>rd</sup>
4	Nakson Rahul	3286	III BA	Politics	Cricket	3 <sup>rd</sup>
5	Sifarath P Salim	5119	I BA	Economics	Cricket	3 <sup>rd</sup>
6	Sreenath V S	5703	I BA	Economics	Cricket	3 <sup>rd</sup>
7	Karthik P C	5512	I BA	Philosophy	Cricket	3 <sup>rd</sup>
8	Akash K Babu	4039	II BA	Malayalam	Cricket	3 <sup>rd</sup>
9	Adithya Chandran	3704	III BSc	Botany	Cricket	3 <sup>rd</sup>
10	Jerin P S	5505	I BA	History	Cricket	3 <sup>rd</sup>
11	Abhijith k P	6162	I BA	English	Cricket	3 <sup>rd</sup>
12	Fardheen Rafeeqe	3133	III Bcom	Commerce	Cricket	3 <sup>rd</sup>
13	Sooraj P S	4052	II BA	Economics	Cricket	3 <sup>rd</sup>
14	Althaf K N	3363	III BSc	Chemistry	Cricket	3 <sup>rd</sup>
15	Hasanul Benna	4048	II BA	Politics	Cricket	3 <sup>rd</sup>
16	Milan Alexrd Position	4024	II BA	English	Cricket	3 <sup>rd</sup>

## 8.Judo

#	NAME	Adm. No.	Class	Department	Event	Position
1	Muhammed Niyas	5512	I Bcom	Commerce	Judo	2 <sup>nd</sup>
2	Swabir ali	4947	II BSc	Physics	Judo	3 <sup>rd</sup>

## 9.Football (M)-2<sup>nd</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	MUHAMMED FAYIZ P	7287	II BA	ECONOMICS	Football	2 <sup>nd</sup>
2	MUHAMMED RISAL	9042	I BA	ENGLISH	Football	2 <sup>nd</sup>
3	RAHUL RENJITH	7289	II BA	ECONOMICS	Football	2 <sup>nd</sup>
4	MUHAMMED SHINAD C P	9035	I BA	POLITICS	Football	2 <sup>nd</sup>
5	JISHNU P	7288	II BA	ECONOMICS	Football	2 <sup>nd</sup>
6	SOYAL JOSH Y	7285	IIBA	ECONOMICS	Football	2 <sup>nd</sup>
7	AKSHAY K.J	7620	IBA	ARCHEOLOGY	Football	2 <sup>nd</sup>
8	LEVI GEEJAN	6,146	I BA	ECONOMICS	Football	2 <sup>nd</sup>
9	HARISANKAR K S	6159	III BA	POLITICS	Football	2 <sup>nd</sup>
10	HIJAS P	8273	IBCOM	COMMERCE	Football	2 <sup>nd</sup>
11	ATHUL UNNIKRISHNAN	5874	III BA	ISL.HISTORY	Football	2 <sup>nd</sup>
12	BIBIN BOBAN	7589	II BA	ARCHEOLOGY	Football	2 <sup>nd</sup>
13	GALIN JOSH Y	5707	IIIBA	ECONOMICS	Football	2 <sup>nd</sup>
14	NIHAL IQBAL OTTAMALIKA	7568	II BA	ARCHEOLOGY	Football	2 <sup>nd</sup>
15	ANTONY JESHLIN JACKSON	6865	II MA	MALAYALAM	Football	2 <sup>nd</sup>
16	ASHIK N	6368	II BA	POLITICS	Football	2 <sup>nd</sup>
17	ALPHIN WALTER	6362	II BA	ECONOMICS	Football	2 <sup>nd</sup>
18	NIMSHAD ROSHAN	6129	IIMA	PHILOSOPHY	Football	2 <sup>nd</sup>
19	ABHIJITH P S	8667	I MSc	CHEMISTRY	Football	2 <sup>nd</sup>
20	JOSE PRAVEEN T T	6463	II BA	PHILOSOPHY	Football	2 <sup>nd</sup>

## Football (W)-3<sup>rd</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	ASWATHY A M	5736	IIIBA	ECONOMICS	Football	3 <sup>rd</sup>



2	VIJAYALAKSHMI T V	4286	IIIBA	HISTORY	Football	3 <sup>rd</sup>
3	JINTU CT	8538	I MSc	PHYSICS	Football	3 <sup>rd</sup>
4	AVANI RAJEEV	6827	II MA	MALAYALAM	Football	3 <sup>rd</sup>
5	SOORYA SURESH	7365	IBA	MALAYALAM	Football	3 <sup>rd</sup>
6	RITHU KRISHNA MURALEEDHARAN O.P	8282	IBSC	ECONOMICS	Football	3 <sup>rd</sup>
7	LAKSHMI RAVIKANTH	8833	I BA	HISTORY	Football	3 <sup>rd</sup>
8	NAINA MERIN	8046	I MA	HISTORY	Football	3 <sup>rd</sup>
9	MERLIN P JOSE		I BA	ECONOMICS	Football	3 <sup>rd</sup>
10	DEVIKA C L	9028	I BA	HISTORY	Football	3 <sup>rd</sup>
11	NOORJAHAN E	5376	IIIBA	HISTORY	Football	3 <sup>rd</sup>
12	ASHNA SHAIJAN	8831	I BA	ECONOMICS	Football	3 <sup>rd</sup>
13	NEERAJA P D	8355	I BA	HINDI	Football	3 <sup>rd</sup>
14	NIVEDITHA S R	8327	I BA	HINDI	Football	3 <sup>rd</sup>
15	JESNI JAIN	7021	IBSC	PHYSICS	Football	3 <sup>rd</sup>
16	ABHIRAMI T R	5323	IIBSC	MATHS	Football	3 <sup>rd</sup>
17	VIDYA MANIKANDAN	8319	I BA	HISTORY	Football	3 <sup>rd</sup>
18	SURYAJA SUBRAMANIYAN	4256	IIIBA	ECONOMICS	Football	3 <sup>rd</sup>

#### 10. Table Tennis Team (M)- 2<sup>nd</sup> Position

#	NAME	Adm. No.	Class	Department	Event	Position
1	MOHAMMED SUFIYAN M Y	5687	I BSc	ZOOLOGY	Table tennis	2 <sup>nd</sup>
2	SAFWAN M A	5688	I BSc	ZOOLOGY	Table tennis	2 <sup>nd</sup>
3	MOHAMMED ADHEEB	7662	I BCO M	COMMERCE	Table tennis	2 <sup>nd</sup>
4	ISMAYIL SAITH A	7772	I BA	MALAYALAM	Table tennis	2 <sup>nd</sup>
5	ALTHAF Y A	5996	I BA	MALAYALAM	Table tennis	2 <sup>nd</sup>

#### 11. Athletics (Men)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Jisnu A S	6078	III BA	HISTORY	4X100M Relay	3 <sup>rd</sup>
2	Jasim Hijas C	5906	III BA	POLITICS	4X100M Relay	3 <sup>rd</sup>

3	Rishinsha P	7170	II BA	MALAYALAM	4X100M Relay	3 <sup>rd</sup>
4	Anson Varghese	7766	I BA	MALAYALAM	4X100M Relay	3 <sup>rd</sup>

#### 11.Athletics (Women)

#	NAME	Adm. No.	Class	Department	Event	Position
1	Sandra A S	6315	II BA	POLITICS	4X100M Relay	1 <sup>st</sup>
2	Bhavika VS	6321	II BA	ECONOMICS	4X100M Relay	1 <sup>st</sup>
3	Gowrinandana	7663	I BA	POLITICS	4X100M Relay	1 <sup>st</sup>
4	Diya Teresa Antony	6236	II BSc	Maths	4X100M Relay	1 <sup>st</sup>
5	Bhavika VS	6321	II BA	ECONOMICS	100M	2 <sup>nd</sup>
6	Bhavika VS	6321	II BA	ECONOMICS	200 M	3 <sup>rd</sup>
7	Gowrinandana	7663	I BA	POLITICS	400m	1 <sup>st</sup>
8	Anu Mathew	6314	II BA	POLITICS	Triple Jump	2 <sup>nd</sup>

### 13. College Union

#### Office bearers

1. Anuja B. (chairperson),
2. Ananya Kalathera (Vice-chairperson)
3. Abhiram .P.(General Secretary )
4. Aswin C.S. (Magazine Editor)
5. Sreeram Ravindran (Arts Club Secretary)
6. Ashish S. Anandh (UUC)
7. Athul M. S. (UUC)
8. Fathima Sahna V.T. (Lady Representative)
9. Anagha K. (Lady Representative)
10. Sujith I.M. (1<sup>st</sup> UG Representative)
11. Muhammed Sulfikher K (2<sup>nd</sup> UG Representative)
12. Ramshi Rahman P (3<sup>rd</sup> UG Representative)
13. Pranav V.V. (1<sup>st</sup> PG Representative)
14. Jayaraj KK (2<sup>nd</sup> PG Representative)
15. Tessa Iva Maria ( Transgender Representative)
16. Rohan (Sports Representative)
17. Anagh ( Research Scholars Representative)

During the academic year 2021-22, the Maharaja's College Union was led by Anuja B., who served as the Chairperson. Despite being the shortest union in the history of the college and having to function amidst the challenges posed by the Covid-19 pandemic, the Union successfully carried out exemplary activities that left a positive impact on the campus. The Union 2021-22 came into existence on 17<sup>th</sup> March 2022, with the recitation of the Satya text, and its term concluded on 30<sup>th</sup> May 2022. During this period, the Union members displayed remarkable initiative by introducing new activities aimed at addressing common problems within the campus. They also made interventions to build upon the achievements of student unions from previous years, ensuring a continuation of impactful initiatives.

A significant milestone was reached during the Maharaja's College Union in 2019 when, for the first time in history, a transgender representative became a member of the union. This progressive step highlighted the college's commitment to inclusivity and creating a diverse and welcoming environment for all students. Building upon this historic achievement, Tessa Eva Maria was selected as the Transgender Representative for the 2021-22 Campus Union, further promoting inclusivity and representing the interests of the transgender community within the college.

In addition to the Transgender Representative, other notable positions in the union were occupied by individuals with expertise in specific areas. Rohan served as the Sports Counsellor, bringing valuable insights and guidance to enhance sports activities and foster a spirit of healthy competition among students. Anakh, as the Research Scholar Representative, played a crucial role in representing the interests and concerns of research scholars, fostering a research-friendly environment, and supporting their academic endeavours.

Despite the limited timeframe, the Union 2021-22 made significant contributions to the campus community. Through their dedication, innovative ideas, and collaborative efforts, the union members worked towards addressing pressing issues, creating positive change, and enriching the overall student experience. It is important to acknowledge the exceptional circumstances under which this union operated, as the Covid-19 pandemic presented unprecedented challenges. Despite these obstacles, the union members displayed resilience, adaptability, and a strong commitment to serving the student body.

The achievements of the 2021-22 Union reflect the spirit of student leadership, inclusivity, and progressive ideals upheld by the college. By fostering a diverse and engaging campus environment, this union played a vital role in enhancing the college experience for students and upholding the values of Maharaja's College.

### Major activities

#### a) Pride Club

Maharaja's College is committed to fostering an inclusive and accepting campus environment that embraces diversity in all its forms. In line with this vision, the college took proactive measures to create a safe and supportive space for students from different backgrounds and identities. One of the significant initiatives undertaken by the college was the formation of the Pride Club during its early days. The Pride Club serves as a platform for students to come together, express their identities, and celebrate the LGBTQ+ community. It provides a supportive network that promotes understanding, acceptance, and respect for individuals of diverse sexual orientations and gender identities within the college community. The Pride Club organizes events, discussions, and awareness campaigns to foster

inclusivity, educate others, and create a positive and affirming atmosphere for LGBTQ+ individuals on campus.

Additionally, recognizing the importance of comprehensive sexual education, Maharaja's College organized sex education classes. These classes aim to provide students with accurate and relevant information about sexuality, reproductive health, consent, and healthy relationships. By offering comprehensive sex education, the college equips students with the knowledge and tools necessary to make informed choices, maintain their well-being, and foster a culture of respect and understanding.

Through initiatives like the Pride Club and sex education classes, Maharaja's College demonstrates its commitment to creating an environment that supports and values all students, regardless of their sexual orientation or gender identity. These efforts help to cultivate a campus atmosphere where diversity is celebrated, individuals feel accepted and respected, and everyone has the opportunity to thrive academically, socially, and personally.

By promoting inclusivity, organizing educational programs, and providing support networks, Maharaja's College actively contributes to the holistic development and well-being of its diverse student body. These initiatives also foster a culture of empathy, compassion, and acceptance, nurturing a campus community where every individual feels valued, understood, and empowered to express their authentic selves.

#### **b) Broadcast**

To ensure effective communication and keep students well-informed about university and college announcements, the Maharaja's College Union implemented a system called the Pravda Union Broadcast. This innovative communication platform has been instrumental in connecting the union with the student body and disseminating important information promptly and efficiently. The Broadcast serves as a centralized communication channel, providing students with access to vital updates, news, and announcements related to the university and college. By utilizing modern technologies and digital platforms, such as mobile applications, email, and social media, the union has made it possible for students to receive relevant information directly at their fingertips.

This ongoing initiative has proven highly effective in enhancing student engagement, promoting transparency, and facilitating efficient communication within the college community. Through the Pravda Union Broadcast, students can stay updated on various aspects, including academic schedules, examination timetables, extracurricular activities, cultural events, student club activities, and administrative announcements. The system ensures that students receive timely reminders, important deadlines, and notifications about upcoming events, enabling them to plan and participate actively in college activities. Additionally, the Pravda Union Broadcast acts as a platform for students to provide feedback, voice concerns, and engage in interactive discussions with the union, creating a collaborative environment that values student input and participation.

By leveraging technology and modern communication tools, the Union has successfully established a dynamic and inclusive communication system that caters to the needs and preferences of the student body. The ongoing nature of this initiative reflects the union's commitment to adapt to evolving communication trends and ensure that students remain well-informed in today's fast-paced digital era. The Pravda Union Broadcast has transformed the way information is shared within the college, fostering a sense of connectedness and unity among students. By harnessing the power of

technology to bridge the gap between the union and the student community, Maharaja's College has established a robust communication infrastructure that strengthens engagement, facilitates transparency, and fosters a vibrant college environment. As the Broadcast continues its activities, it will undoubtedly play a pivotal role in keeping students informed, enabling them to make the most of their college experience, and further enhancing the overall student engagement and satisfaction within the Maharaja's College community.

### c) Youth festivals

In a remarkable display of determination and resilience, Maharaja's College prepared for the MG University Art Festival within a short timeframe, leveraging the momentum gained from their second-place victory in the MG University Drama Festival. Despite the absence of a campus union at that time, an organizing committee was formed to spearhead the preparations for the event.

Prior to their participation in the MG University Art Festival, the Union had successfully organized a campus arts day called 'Chakala.' This event provided a platform for students to showcase their artistic talents and foster a vibrant atmosphere of creativity and cultural exchange within the campus community. The success of Chakala demonstrated the college's commitment to nurturing artistic pursuits and promoting the rich diversity of talent among its students.

Drawing inspiration from their recent achievements, Maharaja's College embarked on an intense training regime, ensuring that the participants were well-prepared for the MG University Art Festival. Despite the limited time available, the college spared no effort in providing rigorous training and guidance to the contestants, honing their skills and refining their performances in various art forms. Recognizing the importance of providing support to the participants, the college went a step further by ensuring that they were well-nourished during the demanding period of training. Nutritious meals were arranged for the contestants, emphasizing the college's commitment to their overall well-being and acknowledging the crucial role nutrition plays in maintaining optimal performance.

Against all odds and amidst uncertainties, Maharaja's College emerged triumphant, securing the second-place title in the prestigious MG University Arts Festival. This remarkable achievement showcased the exceptional talent and dedication of the students, as well as the collective efforts of the organizing committee and the college community as a whole. The success in the MG University Art Festival stands as a testament to the resilience, hard work, and passion exhibited by the participants and the support provided by the college. It exemplifies the unwavering spirit and commitment of Maharaja's College to excellence in the arts, even in challenging circumstances.

This outstanding accomplishment not only brought glory to the college but also highlighted the immense potential and talent present within the student body. It serves as an inspiration to future generations of students, motivating them to pursue their artistic aspirations with dedication and determination. The experience of participating in the MG University Art Festival, despite the limited preparation time, further reinforces the college's commitment to nurturing and promoting artistic pursuits among its students. It underscores the importance of providing opportunities for students to showcase their talents, fostering an environment that celebrates creativity, artistic expression, and cultural diversity.

### d) PG Day

We were able to organize a PG day and college day called 'Ponyar' for post graduate students.

#### e) Interventions in infrastructure

Under the proactive intervention of the Union, significant steps were taken to address pressing issues faced by the students on the campus. One such crucial intervention involved tackling the inadequacy of toilet facilities. Recognizing the importance of providing students with proper sanitation infrastructure, the Union successfully obtained permission to construct a new toilet complex. The construction of the toilet complex aimed to alleviate the challenges faced by students due to the insufficient number of restrooms on the campus. By addressing this pressing need, the union demonstrated its commitment to ensuring a comfortable and hygienic environment for all students. To ensure the effective implementation of this project, the responsibility for the construction and maintenance of the new toilet complex was handed over to the Public Works Department (PWD). This collaboration between the union and the PWD ensured that the facilities were constructed to high standards and that their maintenance would be efficiently managed.

In addition to addressing the toilet facility issue, the union also prioritized the modernization of various laboratories on the campus. Recognizing the importance of well-equipped and up-to-date laboratory facilities for students pursuing scientific studies, the union undertook efforts to get these spaces upgraded. This modernization initiative aimed to provide students with state-of-the-art equipment, technologies, and resources necessary for their practical training and research activities.

These initiatives undertaken by the college union demonstrate its proactive approach in addressing critical infrastructure needs and improving the overall campus experience for the student community. By securing permission for the construction of a new toilet complex and overseeing the modernization of laboratories, the union prioritized the well-being, comfort, and academic growth of the students. These interventions have a lasting impact on the college community, ensuring that students have access to adequate facilities and resources that are essential for their academic pursuits. The collaborative efforts between the union, administrative bodies, and relevant departments underscore the commitment to continuous improvement and the welfare of the student body.

#### f) Miscellaneous

With the conclusion of the Union's term, organizing committees took charge and continued to spearhead various programs and initiatives. One such significant event was the extensive celebration of the Onam festival on 13th September 2022. Onam, a traditional harvest festival of Kerala, was commemorated with great enthusiasm and fervour, showcasing the rich cultural heritage of the state.

Emphasizing the importance of cleanliness and environmental sustainability, the organizing committee established the 'Green Battalion.' This dedicated group took up the responsibility of maintaining cleanliness and promoting a green campus environment. Through various initiatives and awareness campaigns, the Green Battalion encouraged students and staff to adopt eco-friendly practices and actively participate in keeping the campus clean and sustainable.

During a period of prohibitions and restrictions, the organizing committee showcased their resilience and creativity by organizing a one-day literature fest named 'Kharitha.' This literary event provided a platform for students to showcase their literary talents, engage in intellectual discussions, and promote a love for literature among the college community. Despite the challenges posed by the

restrictions, the union took the initiative to create an opportunity for students to celebrate and engage in literary pursuits.

In addition to cultural and literary events, the union also demonstrated its commitment to social harmony and inclusivity. It took a firm stand against communal forces that sought to divide people based on religion, caste, or other divisive factors. By actively opposing any anti-student attitudes, the union promoted unity, understanding, and respect among the student body. This stance highlighted the union's dedication to fostering a harmonious and inclusive campus environment that values diversity and promotes the well-being of all students.

Through their ongoing initiatives and strong principles, the organizing committee continued the legacy of the union, ensuring the smooth functioning of the college and upholding its values. Their efforts showcased the resilience, creativity, and dedication of the college community in the face of challenges and adversities. By celebrating festivals, promoting cleanliness, organizing literary events, and standing against divisive forces, the union and the organizing committee demonstrated their commitment to the holistic development of students and the overall growth of Maharaja's College. These endeavours contributed to creating an inclusive, vibrant, and nurturing environment that fosters academic excellence, cultural enrichment, and social harmony.

#### 14. Room Accommodation Committee

The pestering issue of spatial constraints for conducting Common Course classes for all batches was resolved by the Accommodation Committee in a meeting held on 21-10-2021. The following rooms were allocated for the smooth conduct of the Common Course classes.

1UG COMMON COURSE CLASSES		ROOM NO:
1A	PHYSICS+BOTANY	RN 10(PHYSICS GALLERY)
1B	MATHS+CHEMISTRY	ENGLISH MAIN HALL/89
1C	ZOOLOGY+ECONOMICS	MUSIC HALL
1D	MALAYALAM+SANSKRIT	MAL 108
1E	ENGLISH+MUSIC	ENG 22
1F	HISTORY+ARCHAEOLOGY	HS 30
1G	PHILOSOPHY	PHILOSOPHY DEPT
1H	HINDI+ISLAMIC HISTORY	IH 203
1I	POLITICAL SCIENCE+ARABIC	NEW BLOCK RN 7
1J	COMMERCE+ECONOMICS	

2 <sup>nd</sup> UG COMMON COURSE CLASS		
2A	PHYSICS+BOTANY	RN 10(PHYSICS GALLERY)
2B	MATHS+CHEMISTRY	89(ECO)
2C	ZOOLOGY+ECONOMICS	MUSIC HALL
2D	MALAYALAM+SANSKRIT	MAL 108
2E	ENGLISH+MUSIC	ENG 22
2F	HISTORY+ARCHAEOLOGY	HS 31
2G	PHILOSOPHY	PHILOSOPHY DEPT



2H	HINDI+ISLAMIC HISTORY	ENG MAIN HALL
2I	POLITICAL SCIENCE+ARABIC	NEW BLOCK RN 6
2J	COMMERCE+ECONOMICS	89

## 15. Language Lab

An agreement was signed with Cochin Shipyard Limited to set up a language lab under their CSR scheme on 27-1-21. The amount sanctioned Rs 10 lakhs was spent on purchasing modules, 14 computers including 13 student consoles and 1 teacher console, LAN connection, laying of cables, power codes, carpeting, furnishing, purchase of hard disks and headphones. The work was completed and the bills and vouchers were submitted on the stipulated time. The new language lab became functional on 18-04-22.

## 16. Annual report of departments.

### i. Archaeology

#### List of Programmes conducted during 2021-2022

#	Name of the Event	Date	Venue	Resource Person/Guest	Remarks
1	Renovation of Mulla Pandhal		Mulla Pandhal	Prof. M. K. Sanu	Photo attached
2	Inaugural session of Add on Course on "Introduction to Archaeology"				
3	Bridge Programme (How to Build a Career and Life in Archaeology)	7/08/ 2022	Webinar	Dr. Vinuraj B Assistant Archaeologist, ASI	Brochure attached
4	National Seminar "Kumaranashan Thiruthiya Kerala Charithram"	9/08/2022	Seminar Hall, Archaeology Department	Prof. M. K. Sanu	Photo and Brochure attached
5	National Webinar "India's Struggle for Independence: A Global Perspective"	15/08/2022	Webinar	Prof. Anamik Shah Former Vice-Chancellor, Gujarat Vidyapith and Member	Brochure attached

				Gandhi Smruthi Trust	
6	Webinar “Intellectual Property Rights and Social Scientists”	23/11/2021	Webinar	Dr. Sivadasan P Professor of History, University of Calicut	Brochure attached
7	Exhibition “Explora La Praeterita”	15/02/2022- 17/02/2022	Seminar Hall, Archaeology Department	Inauguration: Prof. K Krishnan, Professor of Archaeology and Former Dean, Faculty of Arts, MS University, Baroda	Photos attached
8	Exploration at Fort Kochi “Travel through Antiquity”	28/02/2022	Fort Kochi	-	Photos attached

### iii. Botany

#### Curricular Aspects

During the academic year 2021-2022, classes resumed following the COVID-19 pandemic. To accommodate more students in the light of the pandemic which had crippled the mobility of students aspiring to pursue higher education in distant destinations, the number of postgraduate seats was increased from the usual ten to twenty. The academic calendar was published and classes and examinations were conducted as per the schedule. In addition to the regular curriculum, a hands-on Taxonomy training program was organized on December 18th, 2021, to benefit M.Sc. botany students. Furthermore, online classes on R programming were conducted to enhance the students’ understanding of the subject, which is highly relevant for research purposes.

#### Extra-Curricular Activities

As suggested by several faculty members of the department, the Botany Association was started. The Association, under the leadership of Dr. Kavitha R, has been making significant strides towards promoting the field of botany and raising funds for charity. One of their recent initiatives was the Kanivu Juice Fest, which was held on 05/03/2022. The event was a huge success, and the association was able to raise a substantial amount of money for charity. In addition to the Kanivu Juice Fest, the Botany Association also organized a Taxonomy Training Workshop, which was designed to help botany students and enthusiasts deepen their understanding of plant classification and identification. This workshop was well-attended and received positive feedback from participants.

The Botany Association also organized a webinar on Prospects for Botany Education and Research during the Post Covid period. This webinar brought together experts in the field of botany to discuss the impact of the pandemic on botany education and research, and to explore new opportunities for growth and development in the field. In short, the Botany Association has been playing a crucial role in promoting botany and raising awareness about the importance of plant science. Their efforts to organize events and workshops, as well as their

commitment to charitable causes, have earned them widespread recognition and appreciation within the academic community. The association is poised to continue making significant contributions to the field of botany in the years to come.

### Teaching Learning and Evaluation

Eight permanent faculty members were present in the department

#	Name	Gender	Designation	Full/art Time	Qualification
1	Sri. Thomas Antony	Male	Assistant Professor	Full Time	M.Sc., SLET
2	Dr. Mathew Steephan	Male	Assistant Professor	Full Time	M.Sc, Ph.D
2	Dr Krishnakumar K	Male	Associate Professor	Full Time	M.Sc, Ph.D
3	Smt. Jess Mary James	Female	Assistant Professor	Full Time	M.Sc., NET
4	Dr Jaseela Fathima	Female	Assistant Professor	Full Time	MSc , Ph D
5	Sri. Shanti Vasudevan C. N	Female	Assistant Professor	Full Time	M.Sc, PhD
7	Dr Kavitha.R	Female	Assistant Professor	Full Time	M.Sc, Ph.D
8	Dr Stephen Sequeira	Male	Assistant Professor	Full Time	MSc , Ph.D

### Teaching methods adopted

Power point Presentations	Videos and Photography of study materials
Remedial classes	CD and DVD.
Online books, online study materials	Herbarium specimens

### Student Profile (Category wise distribution of students )

Year	Program	General	OBC	SC	ST	Muslim	Other Minorities	Girls	Boys	Total
2021-2022	1 <sup>st</sup> B.Sc.	3	10	5	0	6	1	20	5	25
	2 <sup>nd</sup> B.Sc.	3	10	6	2+1	7	1	25	5	30
	3 <sup>rd</sup> B.Sc.	0	9	7	1+1	12	0	23	07	30
	1 <sup>st</sup> M.Sc.	2	7	3	2	5	1	19	1	20
	2 <sup>nd</sup> M.Sc.	1	8	3	1	1	2	15	1	16

### Result analysis

Programme Code	Programme	Number of students who appeared in the final year examinations	Number of students who passed in the final year examinations	Pass Percentage (2022 pass out )
UGCSS	BSc. Botany	26	24	92

CSS	MSc. Botany	16	10	62.5
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### **Research, Extension and Innovations**

#### *Research Projects by the faculty members*

Principal Investigator/ co-investigator	Funding Agency	Funds Received	Month and year of receiving the grant	Duration of the project
Dr. Stephen Sequeira	KSCSTE (Student project)	10000	December 2021	1 year
Jess Mary James	KSCSTE (Student project)	10000	December 2021	1 year
Dr. Shyam Kumar S	KSCSTE (Student project)	10000	December 2021	1 year
Dr. Stephen Sequeira	KSCSTE SRS	471900	January 2021	1 year

#### **Details of Ph.D. Guidance**

#	Name of Guide	No. of Ph.D. scholars
1	Dr. K. Krishnakumar	5
2	Dr. Stephen Sequeira	4
3	Dr. Shyam Kumar S	4
4	Dr. Jaseela Fathima	1
5	External guides Dr. Nisha Dr. Sincy Joseph	2 1
<b>Total</b>		<b>17</b>

#### **Publications of faculty members**

Scopus indexed journals – 4

Web of Science indexed journals – 2

UGC Care list journals – 3

Peer reviewed - 1

**Workshops/Seminars conducted**

#	Name of the programme	Date of Event	Funding Agency	Resource Person
1	Webinar on Public Health challenges of Post Covid times	30/11/2021	NIL	Dr. Sairu Philip Vice-Principal, Professor & HOD of Community Science, Government TD Medical College, Alappuzha, Kerala.
2	Hands on Taxonomy Training Programme	18/12/2021	Department of Botany, Maharaja's College, Ernakulam,	Mr. Milan Jose Project Fellow, MSSRF & Mr. Arunraj Kedharam Independent Researcher in Plant Taxonomy and Plant Systematics.
3	Webinar on Awareness class on Cancer- close the care Gap	06/02/2022	Nil	Dr Edwin Dawn Paul General Surgeon & Laparoscopic consultant, Sunrise Hospital, Changaramkulam.
4	Webinar on Prospects for Botany Education and Research during Post Covid Period.	09/03/2022	Nil	Dr. T P Sethumadhavan Professor, Transdisciplinary University of Health Sciences and Technology, Bangalore.  National Employment Service (Kerala) University Employment information and Guidance Bureau, CUSAT, KOCHI.
5	Dietary Management of Diabetes	20/11/2021	Nil	Dr. Suma Divakar, Professor & Head, Department of Community Science, College of Agriculture, Vellayani, Thiruvananthapuram
5	Conserving Nature in a dual society	21/03/2022	Nil	Botany Alumni of Maharajas College (BAM), Ernakulam organized Prof M.K.Prasad Memorial Lecture

**Books & Chapters published by the faculty members**

Books - 1

Chapter in book - 1

**Extension and outreach programmes**

#	Name of the programme and faculty members involved	Date of Event	Collaborating agency
1	UGC -CSIR NET coaching classes started under the joint collaboration of Departments of Botany and Zoology in March 2022 for students of our and nearby colleges .	Commenced on 05/03/2022	Departments of zoology, Maharaja's College

**Internship programme**

Fourteen M.Sc. students and one Ph.D. scholar got a research internship programme as part of their DCE ASPIRE scholarship programme in different colleges of Kerala.

**Research Papers Published by faculty and students.**

Name of the Faculty and student	Title of Work	Name of the Journal	Year of Publication
Dr Jaseela Fathima & Ms Deepa Mohan	Plant Growth Promoting microbes as biofertilizers and Biocontrol agents	Emerging Trends in Plant Sciences	2022
Dr Stephen Sequeira	Diversity, Distribution and Conservation of lichens in Kerala	Conspectus of Realms of Biodiversity	2022
Dr Shanti Vasudevan	Compilation of Herbal drug substitutes suggested in selected classical Ayurveda texts.	<i>Journal of Ayurveda</i>	2021
Dr Krishnakumar K & Athira C U	Phytoplankton Diversity of Vembanadu Estuary- Search for Nutraceutically Potent members.	<i>Journal of Phytological Research</i>	June 2021

**Paper Presentations by Faculty Members.**

Name of the Faculty	Place and Year of Presentation
Jess Mary James & Dr Stephen Sequeira	Poster Presentation on 'Lichen Secondary Metabolites - A treasure to the Pharmaceutical World' in the National Seminar/workshop on Ecosystem Monitoring, Assessment and Conservation ( Environment Management Training, 2022).  10.03.2022, Government Women's College, Thiruvananthapuram.

S M Arsha & Jess Mary James	Poster presentation on 'A Study on the efficiency of <i>Chroococcus sp</i> as a biofertilizer' in the National Seminar /workshop on Ecosystem Monitoring , Assessment and Conservation ( Environment Management Training 2022).
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### Scholarships Availed by students

Total number	E Grant grantees	Other Scholarships
114	90	Fisherman Scholarships-2
BSc Final UG-28		C H Muhammed Koya
BSc second year- 28		Scholarships- 8
BSc First year- 23		Snehapoorvam Scholarships- 3
MSc Final Year – 15		Central Sector Scholarships- 3
MSc First year- 20		National Scholarship-1
		Meritorious Scholarships- 9
		Post Matric Scholarships- 5
		Single girl child scholarships- 3
		ASPIRE Scholarships-11

### Progression to higher studies and employment

Programme	Total	Higher Studies (MSc, M.Phil, Ph D)	Employed	Others(B.Ed , computer Animation, etc.).	NET/JRF/Other PSC/Bank coaching
BSc Botany	28	8	10	5	NA
MSc Botany	10	Nil	1	4	5
MSc Botany 2020 pass out	10	2			

### Governance, Leadership and Management

Name of the Faculty	Roles played during the year	Other Important roles played by faculty members.
Sri. Thomas Antony (on FDP)	HOD, Council member, Board of studies chairman, Discipline committee member, Member, Research Committee, Internal mentor	PG Board of studies, MG University Kottayam. Board of question paper setters, Calicut University.
Dr Mathew Steephan	Tutor, First BSc Botany ( (2021-2024) Internal Mentor	Approved Research Guide of Botany under Kerala University, Thiruvananthapuram.



		Board of examiners, SH College, Thevara, St. Teresa's College, Ernakulam.
Dr Krishnakumar K	Admission Committee convenor Member, Research Committee, High Power Committee Technical Committee	Approved Research Guide of Botany under MG university, Kottayam.  Board of examiners, SH College, St.Teresa's College, St.Albert's College, Ernakulam.
Smt. Jess Mary James	DQAC Member, Science Forum Member Nature Club member	Board of examiners, SH College, St.Teresa's College, St.Albert's College, Assumption college, chagnassery.  Board of question paper setters, Calicut University.
Dr Jaseela Fathima	Tutor, Third year BSc Botany ORICE Member Green Audit Convenor Website Committee member	Board of question paper setters, Kerala University. Board of examiners, SH College, St.Teresa's College, St.Albert's College
Smt Shanti Vasudevan C N (on FDP)	Tutor, First MSc Botany Coordinator, Bhoomithra sena Club. Member, Discipline committee	Board of Examiners, SH College, St.Teresa's College, St.Albert's College, SB college, chagnassery.
Dr Kavitha R	Tutor, First BSc Botany Nature club convenor Member, Green audit committee Member, Internal Exam committee	College level Nodal officer for Haritha keralam ,Ernakulam District. Board of Examiners, SH College, Thevara.
Dr Stephen Sequeira	Second MSc Tutor. Admission Committee coordinator. Attendance Committee Coordinator	Approved Research Guide in Botany Under MG University, Kottayam.  Subject expert for the interview of project fellow at St. Albert's College, Ernakulam.

		<p>Board of examiners at KAU, Mannuthy.</p> <p>Resource person in National Seminars.</p> <p>College CoordinatorR HSSTP</p> <p>Board of question paper setters, Kerala University.</p> <p>Board of studies external member - St. Albert's College (Autonomous), Ernakulam; St. Teresa's College (Autonomous), Ernakulam</p>
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**Prof. M. K. PRASAD  
MEMORIAL LECTURE**

**Topic :**  
**CONSERVING  
NATURE IN A  
DUAL SOCIETY**

**21st March 2022, 10 AM**

**Venue:** G.N. Ramachandran Hall, Maharaja's College  
Ernakulam, Kerala.

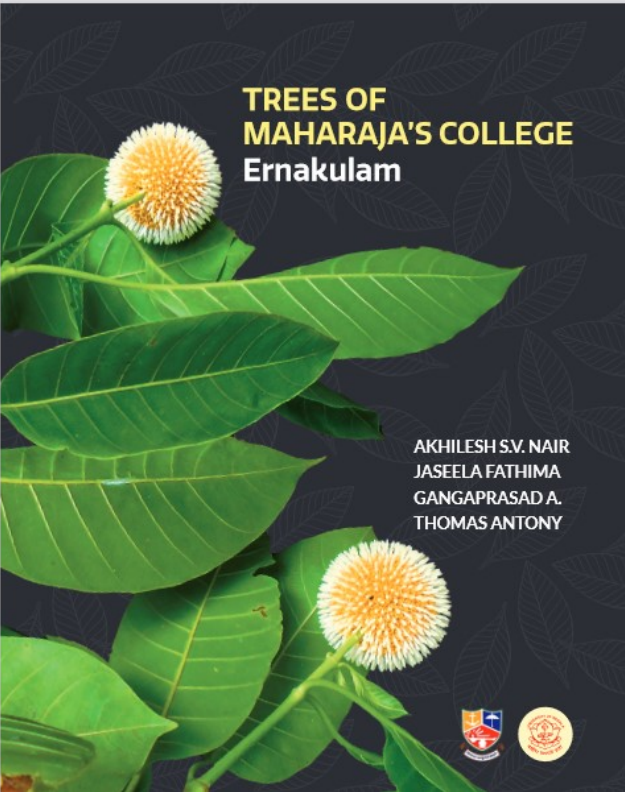
**Resource person of the day:**  
**Prof. Madhav Gadgil**



Organized by  
*Botany Alumni of Maharaja's College, Ernakulam*


<https://meet.google.com/yvo-nnkn-dag>  
<https://youtu.be/UlkJl4DUK>






**TREES OF  
MAHARAJA'S COLLEGE  
Ernakulam**

AKHILESH S.V. NAIR  
JASEELA FATHIMA  
GANGAPRASAD A.  
THOMAS ANTONY



**MAHARAJA'S COLLEGE  
ERNAKULAM**




**DEPARTMENT OF BOTANY IN  
ASSOCIATION WITH NATURE  
CLUB PRESENTS**


**SEMINAR ON PUBLIC HEALTH  
CHALLENGES OF POST COVID TIMES**

**RESOURCE PERSON**

**Dr. Sairu Philip**  
Vice Principal  
Professor & HOD of Community Medicine  
Government T.D.Medical College,  
Alappuzha, Kerala

Bernard Lown Scholar in Cardiovascular  
Health Department of Global Health and  
Population | Harvard T.H. Chan School of  
Public Health



**Date & Time- 30/11/2021 Tuesday 7pm.**  
 **Meet Code: mdw-eugq-npn**

# MAHARAJA'S COLLEGE ERNAKULAM



## BOTANY ASSOCIATION PRESENTS

*Hands on taxonomy training program*

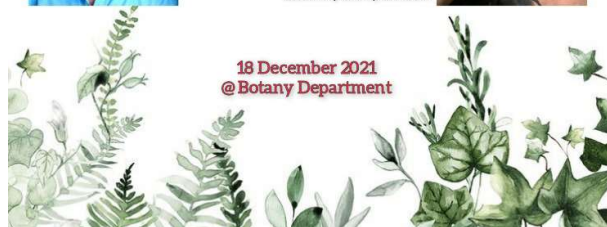


Mr. Milan Jose  
Project Fellow, MSSRF



Mr. Arunraj Kedharam  
Independent Researcher in Plant  
Taxonomy and Systematics

18 December 2021  
@ Botany Department



THE BOTANY ASSOCIATION  
MAHARAJA'S COLLEGE ,ERNAKULAM

*In association with*

NATIONAL EMPLOYMENT SERVICE (KERALA)  
UNIVERSITY EMPLOYMENT INFORMATION &  
GUIDANCE BUREAU, CUSAT, KOCHI

*Webinar on:*  
**PROSPECTS FOR BOTANY  
EDUCATION AND RESEARCH  
DURING POST COVID PERIOD**

ON 9TH MARCH, 2022 @ 7PM



Faculty:  
**Dr. T. P. SETHUMADHAVAN**  
Professor  
Transdisciplinary  
University of Health Sciences &  
Technology, Bangalore

Google meet code: kum-ddqd-thx





**CHARITY VENTURE BY**  
**BOTANY ASSOCIATION 2021-2022**  
**MAHARAJA'S COLLEGE, ERNAKULAM**



**₹ 10**  
**(per glass)**

**കുടിവ് '22**  
**JUICE FEST**

*Beat the heat with Us!*

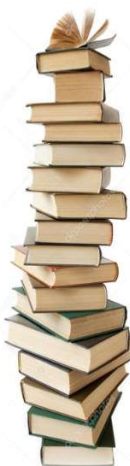
Doors open @  
**11.30 am – 2 pm**

**FRIDAY**  
**11/03/2022**

**VENUE : DEPT. OF BOTANY**

**Lime** [ with different flavours ]  
**മുളകു**

Inauguration  
**Dr .V. ANIL**  
*Principal, Maharaja's College*



**UGC NET COACHING: LIFE SCIENCES**

*Jointly organized by,*

**Department of Botany & Zoology**  
**Maharaja's College, Ernakulam**



***Inauguration on 5<sup>th</sup> March 2022***

***Time: 10.00 am***

**Programme Schedule:**

Welcome address	:Sri.Thomas Antony (HOD, Botany)
Presidential address	:Dr. Rema L. P. (HOD, Zoology)
Inauguration	:Dr. Anil Kumar (Principal, Maharaja's College)
Felicitation	:Dr. Jayamol K., V. (Vice Principal, Maharaja's College)
	Dr. Jaya S. (IQAC coordinator)
Vote of thanks	:Smt. Shanti Vasudevan C.N. (Assistant Professor, Dept. of Botany)
Inaugural Lecture	:Sri.Jazir Haneef (Assistant Professor, Govt. College, Kottayam)

**Coordinators:**

Smt. Shanti Vasudevan C.N. (Assistant Professor, Dept. of Botany)  
Smt. Dhanya Balakrishnan (Assistant Professor, Dept. of Zoology)



<https://meet.google.com/gfy-dscg-hgc>



## iv. Chemistry

The postgraduate and research department of chemistry has a rich and proud history dating back to 1935. It has since grown to become one of the largest departments among colleges in Kerala. Currently, the department boasts a total student population of 312, which includes 188 undergraduate students, 109 postgraduate students, and 15 research scholars. The department is also home to a dedicated team of 20 academic faculty members, 9 research guides, 5 guest lecturers, and 5 lab assistants, who work tirelessly to provide students with the best possible education. The department has established itself as an excellent teaching centre, offering a range of undergraduate and postgraduate programmes. Currently, the department offers four postgraduate programmes in chemistry viz. pure, pharmaceutical, applied and analytical. These programmes are designed to equip students with the skills and knowledge necessary to succeed in their chosen fields. In addition to traditional chemistry programmes, the department also offers a three-year undergraduate programme in environment and water management. This vocational programme was introduced in 1993 and has since become a popular option for students interested in pursuing careers related to environmental management. In a nutshell, the department of chemistry is a dynamic and thriving academic community that continues to provide students with exceptional education and research opportunities.

### List of Faculty members

#	Names of full-time teachers	Designation	Year of appointment
01	Sri. K. P. Ashokan	Associate Professor	1994
02	Dr. Meera Gopal	Associate Professor	2003
03	Dr. Femina K. S	Assistant Professor	2006
04	Dr. Bindu Sharmila T. K.	Associate Professor	2006
05	Mrs. Aneetha M.R.	Assistant Professor	2006
06	Dr. Amrutha S. Rajan	Associate Professor	2006
07	Dr. Sreesha Sasi	Associate Professor	2006
08	Dr. Jolly V. Antony	Associate Professor	2006
09	Dr. Suja N.R.	Associate Professor	2006
10	Dr. Venugopal B.	Assistant Professor	2007
11	Dr. Prasanthkumar K.P.	Assistant Professor	2007
12	Dr. P. K. Rejimon	Assistant Professor	2008
13	Dr. Seena E.B.	Assistant Professor	2010
14	Dr. Sandhya P.V.	Associate Professor	2010
15	Dr. Sajith Menon	Assistant Professor	2010
16	Dr. Neena George	Assistant Professor	2010
17	Dr. Julie Chandra C.S.	Assistant Professor	2011
18	Dr. Alson Mart	Assistant Professor	2011

19	Mr. Deepak J. Prabhu	Assistant Professor	2014
20	Dr. Sreejesh P.R.	Assistant Professor	2017

### **Student enrolment**

#	Programme Name	Programme Code	Number of seats sanctioned	Number of Students admitted
01	BSc Chemistry Model 1	UGCSS	37	37
02	BSc Chemistry-Environment & Water Management Model III	UGCSS	30	28
03	MSc Chemistry	CSS	21	21
04	MSc Analytical Chemistry	CSS	20	19
05	MSc Pharmaceutical Chemistry	CSS	12	11
06	MSc Applied Chemistry	CSS	12	12

### **Result analysis**

Programme	Number of students appeared for exam	Number of students passed	Pass percentage
BSc Chemistry Model 1	36	26	76.4 %
BSc Chemistry-Environment & Water Management Model III	27	18	67 %
MSc Chemistry	15	13	87 %
MSc Analytical Chemistry	13	12	92.3 %
MSc Pharmaceutical Chemistry	9	8	89 %
MSc Applied Chemistry	9	8	89 %

### **Number of outgoing students who got placement & Student Progression to higher studies**

In the academic year 2021-2022, twelve students from the graduating batch, comprising both undergraduate and postgraduate programs, secured placements in reputable organizations. Meanwhile, thirty-six other students from the same batch were accepted into various esteemed universities and colleges to pursue higher studies.

### **Research promotion initiatives**

The department of Chemistry is one of the most reputable and oldest departments in our institution, established in 1999 as a research centre under Mahatma Gandhi University, Kottayam. Currently, we have six experienced faculty members who act as research guides for four dedicated research scholars pursuing their Ph.D. Our department has made remarkable contributions to various research areas, including the evaluation of synergic effects of conductive fillers in polymeric systems for high-performance applications, synthesis and biological evaluation of hydrazones and their metal complexes, development of novel biologically active Schiff bases and their metal complexes, synthesis, spectral and biological studies of transition metal complexes of thiosemicarbazones, computational chemistry, photoresponsive materials, liquid crystals, and high-performance natural rubber composites. Our department has been consistently engaged in quality research and is committed to producing impactful research outputs that contribute to the development of the scientific community.

### **Publications by Faculty**

#	Author(s)	Title of the Paper	Name of the Journal
01	Dr. Sajith Menon	Amphiphilic block copolymers: From synthesis including living polymerization methods to applications in drug delivery	European Polymer Journal
02	Dr.Femina K S	Non-Enzymatic Electrochemical Biosensing of Glucose Using Nanocomposites of Polyaniline Nanofibers and Silver	ChemistrySelect
03	Dr. Seena E B	Spectral, thermal and DFT studies of novel nickel(II) complexes of 2-benzoylpyridine-N 4 -methyl-3- thiosemicarbazone: Crystal structure of a square planar azido-nickel(II) complex	Journal of Molecular Structure

04	Dr. Sreesha Sasi	A Comprehensive Overview on Advanced Sensing Applications of Functional Metal Organic Frameworks (MOFs)	ChemistrySelect
05	Dr. Julie Chandra C S, Dr. Sreesha Sasi and Dr. Bindu Sharmila T. K.	Green Nanocomposites of Natural Rubber/ Olivine Nanosilica: Viscoelastic, Mechanical, Transport and Thermal Characterizations	Silicon
06	Dr. Sreesha Sasi, Dr. Bindu Sharmila T. K., Dr. Julie Chandra C S and Dr. Jolly V Antony	Photocatalytic remediation of methylene blue and antibacterial activity study using Schiff base-Cu complexes	Environmental Science and Pollution Research
07	Dr. Julie Chandra C S, Dr. Sreesha Sasi, Dr. Bindu Sharmila T. K. and Dr. Jolly V Antony	Bionanocomposites based on natural rubber and cellulose nanofibrils from arecanut husk: Rheological, mechanical and thermal characterizations	Journal of Polymer Research
08	Dr. Venugopal B	Enhanced performance of cellulose nanofibre reinforced styrene butadiene rubber nanocomposites modified with epoxidised natural rubber	Industrial Crops & Products
09	Dr. Venugopal B and Dr. Neena George	Effect of compatibiliser on the mechanical, rheological and thermal properties of natural rubber/Cellulose nanofibre composites	Materials Today: Proceedings
10	Dr. Suja N.R, Dr. Bindu Sharmila T. K. and Dr. Amrutha S Rajan	Metal Complexes of Schiff Bases of 3-Hydroxyquinoxaline-2-carboxaldehyde Encapsulated in Zeolite Y Cages: Potential Catalyst for Removing Phenol from Effluent Media	Asian Journal of chemistry
11	Dr. Neena George and Dr. Amrutha S Rajan	Nano-silica as reinforcing filler in NR latex: Role of processing method on filler morphology inside the rubber	eXPRESS Polymer Letters

		and properties of the nanocomposite	
12	Dr. Neena George and Dr. Venugopal B	Isolation of high crystalline nanocellulose from Mimosa pudica plant fibres with potential in packaging applications	Packaging Technology and Science
13	Dr. Bindu Sharmila T. K.	A comprehensive review on the environmental applications of 118rapheme–carbon nanotube hybrids: recent progress, challenges and prospects	Materials Advances
14	Dr. Sandhya P V	Antimicrobial, molecular docking and SAR studies of pyrazole clubbed imino in vitro phenyl derivatives	Asian Journal of chemistry
15	Dr. Sandhya P V and Dr. Rejimon P K	Synthesis, molecular docking, antibacterial and antifungal studies of Fe (II) and Ni (II) complexes of N1, N2-bis((1,3-diphenyl-1H-pyrazol-4-yl) methylene) ethane-1,2-diamine	Journal of Chemisty and Environment

#### Training attended by teachers

#	Name	Title	Duration
01	Dr. Femina K S	ReFresher course in Material Sciences : recombinant memetics	7-20 December 2021
02	Dr. Seena E B	Online Hands-on Training on Learning Management System (MOODLE)	22 - 27 September 2021
03	Dr. Sajith Menon	Referesher Course on “Managing Online Classes &	05 - 19 August, 2021

		Co- creating MOOCS 7.0”	
04	Dr. Sajith Menon	One week course on "Online Hands-on Training on Learning Management System (MOODLE)"	22 - 27 September, 2021
05	Dr. Alson Mart	Faculty Development Programme - Reagents in Organic synthesis	July - October 2021

### **MOUs**

On February 6th, 2021, the department of polymer science and rubber technology at CUSAT signed a Memorandum of Understanding (MoU) with the department of chemistry for a three-year partnership. This collaboration aims to promote joint research and development initiatives, facilitate knowledge exchange between the two departments, and provide opportunities for students and faculty members to engage in collaborative academic activities. This MoU marks a significant milestone in the pursuit of excellence in the fields of polymer science, rubber technology, and chemistry, and both departments are looking forward to the promising outcomes of this partnership."

### **Syllabus revision**

In 2021, we undertook a comprehensive revision of the syllabus for its postgraduate courses, including MSc Chemistry, MSc Analytical Chemistry, MSc Pharmaceutical Chemistry, and MSc Applied Chemistry. The department aimed to incorporate an Outcome-based Curriculum (OBC) that would align the courses' learning outcomes with the needs of industry and academia. After rigorous planning and consultation with subject matter experts and stakeholders, the revised curriculum was finalized, which included a range of core and elective subjects that emphasized practical skills, critical thinking, and research aptitude. The new curriculum was implemented on June 1st, 2022, with the program codes MRCHEPG, MRANCPG, MRAPCPG, and MRPHCPG, under the program name PG (CSS). The revised syllabus and OBC framework have been well received by students and faculty alike, as they provide a more comprehensive and practical approach to learning, preparing students for future employment and higher education opportunities.

### **Infrastructure development of the department**

All room of our department include classrooms, laboratories and instrumentation rooms are fully furnished and with LCD / Wi-Fi /LAN facilities.


### **Alumni engagements**

The department of chemistry has a strong and active alumni network known as Maharaja's College Chemistry Alumni (MCCA). Every year, MCCA provides awards and endowments to meritorious students from both the undergraduate and postgraduate courses in the department. The academic year

2021-22 was no exception, and MCCA conducted its annual alumni meet on March 12th, 2022. The event was inaugurated by Prof. Subi Jacob George, the winner of the Shanti Swarup Bhatnagar Prize in 2020 and a faculty member at JNCASR in Bangalore. One of our alumni, Dr. V R Parameswaran from Canada, generously sponsored an amount of Rs. 1,25,000/- for the distribution of endowments to meritorious students and an amount of Rs. 41,617.25/- for the repair work of the wooden floor at the Physical Chemistry Laboratory in the Department of Chemistry. This contribution by Dr. Parameswaran is deeply appreciated and has provided valuable support to the department's ongoing academic and infrastructure development initiatives. The MCCA of the Department of Chemistry also took the opportunity to honour two retired faculty members, Dr. K Jayakumar, Deputy Director of Collegiate Education in the Ernakulam District, and Dr. Meera Gopal, Head of the Department. The department acknowledges their invaluable contributions to the institution and the field of chemistry and wishes them all the best in their future endeavours. We remain grateful to its alumni network for its continued support and contributions towards the development of the department and its students. The annual alumni meet provides an excellent platform for alumni to connect with each other, interact with current students and faculty, and stay updated on the department's latest developments.










**MAHARAJA'S COLLEGE  
CHEMISTRY ALUMNI (MCCA)**

# ANNUAL ALUMNI MEET 2022

**12TH MARCH 2022  
(SATURDAY) 10 AM @  
VENUE: GNR HALL  
(PHYSICS GALLERY)**



**Inauguration**  
**Prof. Subi Jacob George**  
Shanti Swarup  
Bhatnagar Prize  
Winner 2020  
Chair, New Chemistry  
Unit, JNCASR, Bangalore

**DR. MEERA GOPAL**  
Head, Postgraduate & Research  
Department of Chemistry  
Maharaja's College, Ernakulam

**DR. K. JAYAKUMAR**  
Deputy Director,  
Deputy Directorate of  
Collegiate Education, Ernakulam

We appreciate the time and effort you have put in the Teaching Profession... Wish you a Blissful Retirement

**Programmes**

- Condolence Resolution
- Welcome : **Dr. Meera Gopal**  
(HOD, Chemistry; President, MCCA)
- Annual Report:  
**Dr. Neena George** (Secretary, MCCA)  
**Dr. Rejimon. P. K.** (Treasurer, MCCA)
- Presidential Address:  
**Principal, Maharaja's College,  
Ernakulam**
- Inauguration:  
**Prof. Subi Jacob George**  
Presenting memento to the Retiring Staff,  
Endowment distribution to students for  
academic excellence
- Felicitations:  
**Dr. K. Jayakumar** (DD, Ernakulam)  
**Prof. P. K. Raveendran**  
(Former Gov. Council chairman &  
Chemistry faculty)  
**Dr. T. Narayanan** (Vice president, MCCA)  
**Mrs. Lisue Xavier**  
(MCCA Executive member)
- Interaction & Programmes by the  
Alumni Members
- Vote of thanks: **Dr. Suja N. R.**  
(Joint Secretary, MCCA)

**MCCA MEMBERSHIP FEE**  
ANNUAL MEMBERSHIP FEE : RS. 200/- ONLY  
LIFE MEMBERSHIP FEE : RS. 2000/- ONLY

## v. Commerce

### About the Department

Post Graduate Department of Commerce started functioning in the year 1999, with B. Com Model II Computer Applications Programme in commerce .M. Com Programme started in the year 2012 with finance option .The department presently offers one UG program (B.Com ) with specialization in finance and Taxation and one PG program (M.Com) with specialization in Finance . Department was elevated to Research Centre in the year 2018 . The department earns the status of a prominent center for teaching and learning in commerce education in the Cochin city.

Sl No	Program	Year of Establishment
1	B.Com	1999
2	M .Com	2012
3	Research Centre	2018

The department strives to attain the highest standards in teaching by maintaining a dynamic academic community. The department presently owns a full-fledged faculty base of eight permanent teachers who guide and teach students during and after working hours of the college. A well-equipped library, ICT supported classrooms and advanced computer lab, are among the facilities available to the students. The department conducts seminars, workshops and lectures by experts in various fields on a regular basis to blend industry practices with academics. The department offers free coaching for UGC NET-JRF, and for other competitive examinations to the students.

### **I. FACULTY PROFILE**

Sl No	Name	Designation	Qualification	Experience	
				UG	PG
1	Dr. Suresh V. N	Associate Professor & Head of the Dept.	<i>M.Com, M. Phil, Ph.D, UGC NET JRF</i>	26	26
2	Dr. Anitha M. N	Assistant Professor	<i>M.Com, Ph.D, UGC NET, SET</i>	15	15
3	Sri. Shaju Mathew	Assistant Professor	<i>M Com, B.Ed, NET, SET</i>	14	14
4	Smt. Savitha M. A	Assistant Professor	<i>M Com, B.Ed, NET, SET</i>	12	12
5	Dr. Swapna R	Assistant Professor	<i>M Com., B.Ed. Ph.D, NET</i>	16	10
6	Dr. Preethy B. Menon	Assistant Professor	<i>M Com, M.Ed, NET, Ph.D</i>	7	5
7	Smt. Bhasura Valsan K.	Assistant Professor	<i>M Com, M.Phil, B.Ed, LLB, NET, SET</i>	13	6
8	Dr. Sudheesh Kumar K	Assistant Professor	<i>M.Com, PGDCA, MBA (IS)</i>	9	8

			ACMA, ACS		
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## II. STUDENT PROFILE ACCORDING TO PROGRAM OF STUDY

Program	Sanctioned Strength	Total Strength
UG B Com Model II (Finance and Taxation)	43	43
PG M.Com (Finance)	26	26
P. hD	30	30

## III. RESULT AND RESULT ANALYSIS

**B Com 2019- 2022**

### RESULT

SL NO	Register Number	NAME OF CANDIDATE	Result	
			Overall grade	CGPA
1	19040002	Nadheem M. H	-	-
2	19040003	Aftab Mohammed K A	A	8.38
3	19040004	Aiswarya K N	A	8.30
4	19040005	Athira K S	-	-
5	19040006	Jesteena Francis	A+	8.67
6	19040007	Lakshmi M S	A+	8.83
7	19040008	Ruksana K S	A+	8.89
8	19040009	Sneha Surendran	B+	7.12
9	19040010	Thahira Sherin K S	-	-
10	19040011	Vasundhara T P	A+	8.80
11	19040012	Ameena Noushad	A	8.28
12	19040013	Anuraj S Nair	B+	7.34
13	19040014	Beena Lakshmi R	A+	8.51
14	19040015	Delna Shaji	B+	7.03
15	19040016	Devasena M S	A	8.48
16	19040017	Mohammed Afeen	B	6.46
17	19040018	Mohammed Niyas	-	-
18	19040019	Rohit Soman	-	-
19	19040020	Sajith M	A+	8.59
20	19040021	Sona Sabu	A	8.45
21	19040022	Vinusha Unni	-	-
22	19040023	Aiswarya P Rajan	B+	7.38
23	19040024	Ajitha R	B+	6.70
24	19040025	Nikhila Gopakumar	-	-

**6 A+, 6 A, 5 B+, 1 B                      6 FAILED**

**Overall Pass percentage of B Com programme is 75%**

**B Com (2019 Admission)****RESULT ANALYSIS****Total number of students: 24**

Sl.No	CGPA	No of Students	Percentage (%)
1	A+	6	25
2	A	6	25
3	B+	5	20.83
4	B	1	4.16
5.	Failed	6	25
	<b>Total</b>	<b>24</b>	<b>100</b>

**Overall Pass percentage of B Com programme is 75%**

Out of 24 students, Six students (25%) secured A Grade Six students ( 25%) secured A+.

Five students (21.83%) bagged B+. One student (4.16%) secured B Grade.

Overall performance of B. Com (2019-2022) Batch is good.

**Result - M Com (2020 Admission) 2022 Pass out**

Sl.No	Reg. No	Name of the Student	Grade Point	CGPA
1	20610001	ANJALI RAMESHAN	A+	4.70
2	20610002	ANU AUGUSTINE	A+	4.83
3	20610003	ASHITHA JACKSON	A	4.43
4	20610004	ATHIRA RAJENDRAN	A	4.14
5	20610005	DEVIKA K D	A	4.39
6	20610006	HAIDIA LIZEBETH JASON	-	Failed
7	20610007	MYITHRAYI S	A	4.13
8	20610008	NASIYA K Z	A+	4.63
9	20610009	NEENU MAGDHALEEN	A+	4.52
10	20610010	SAJAY KRISHNA V S	B+	3.81
11	20610011	SANDRA SHAJI	A+	4.65
12	20610012	SINNARA M BIJU	A	4.05
13	20610014	SREEJITH BHAT S	A+	4.87
14	20610015	SREELAKSHMI ANEESH	A+	4.80
15	20610016	TEENA THOMAS	A	4.43
16	20610017	YADHU KRISHNAN K K	-	Failed

**RESULT ANALYSIS – M Com (2019 Admission)2021 Pass out****Total number of students: 11**

Sl.No	CGPA	No of Students	Percentage (%)
1	A+	7	43.75
2	A	6	37.5
3	B+	1	6.25
4	Failed	2	12.5
	<b>TOTAL</b>	<b>16</b>	<b>87.55</b>

**Result Analysis:****Overall Pass percentage of M Com programme is 88%**

Out of 16 students, seven students (43.75%) secured A+ Grade, while six students (37.5%) obtained A, one student (6.25%)with B+ . Hence the performance of M. Com (2020-22) Batch (88%) is good.

**IV. SEMINARS/COURSES/ TRAINING PROGRAMMES ATTENDED BY FACULTY MEMBERS****Savitha M A:**

1. One Week Online Hands-on Training on Learning Management System (MOODLE) held as Institution Level Cluster Programme under Let's Go Digital initiative of the Government of Kerala organised by the Faculty Development Centre of the Kerala State Higher Education Council in association with the Digital University of Kerala during 22nd to 27th September 2021 for the faculty members of the state universities and affiliated colleges.
2. Refresher Course in Commerce and Management 25/10/2021 to 07/11/2021, HRDC Andhra University, Visakhapatnam.
3. One week online FDP on 'Academic writing' organized by UGC – STRIDE from 18<sup>th</sup> to 24<sup>th</sup> October 2021.

**Bhasura Valsan K:**

1. One Week Online Hands-on Training on Learning Management System (MOODLE) held as Institution Level Cluster Programme under Let's Go Digital initiative of the Government of Kerala organised by the Faculty Development Centre of the Kerala State Higher Education Council in association with the Digital University of Kerala during 22nd to 27th September 2021 for the faculty members of the state universities and affiliated colleges.
2. One week online FDP on 'Academic writing' organized by UGC – STRIDE from 18<sup>th</sup> to 24<sup>th</sup> October 2021.

**Dr. Swapna R:**

1. One Week Online Hands-on Training on Learning Management System (MOODLE) held as Institution Level Cluster Programme under Let's Go Digital initiative of the Government of Kerala organised by the Faculty Development Centre of the Kerala State Higher Education Council in association with the Digital University of Kerala during 22nd to 27th September 2021 for the faculty members of the state universities and affiliated colleges

**Dr. Preethy B Menon**

1. One Week Online Hands-on Training on Learning Management System (MOODLE) held as Institution Level Cluster Programme under Let's Go Digital initiative of the Government of Kerala organised by the Faculty Development Centre of the Kerala State Higher Education Council in association with the Digital University of Kerala during 22nd to 27th September 2021 for the faculty members of the state universities and affiliated colleges
2. Refresher Course in Quality Research and Teaching Methodology from 8.11.2021 to 22.11.2021 at UGC - HRDC Jai Narain Vyas University, Jodhpur, Rajasthan.
3. One week online FDP on 'Academic writing' organized by UGC – STRIDE from 18<sup>th</sup> to 24<sup>th</sup> October 2021.

#### **Dr. Sudheeshkumar K**

1. Refresher Course in Quality Research and Teaching Methodology from 8.11.2021 to 22.11.2021 at UGC - HRDC Jai Narain Vyas University, Jodhpur, Rajasthan.

### **V. PUBLICATIONS BY FACULTY MEMBERS/ RESEARCH SCHOLARS**

Details of research papers in Scopus indexed, Web of Science indexed and CARE journals

1. Deepthi S & Dr Anitha M N, *COVID 19: A Work Life Assessment of IT Professionals*, UTKAL Historical Research Journal, Vol. 34(XXIV): 2021, Journal with ISSN : 0976-2132, UGC Care Approved, Peer Reviewed and Referred Journal.
2. Kochuthresia Mathew, Dr.Resmi R., *Impact of Employee Involvement on Organizational Effectiveness in the Banking sector in Kerala*, International Journal of Research and Review, VOL 8, no: 10 October 2021
4. Soorya Thankchan & Dr. Anitha MN, *A Study on the CSR Implementation of Social Entrepreneurs in Kerala*, JOURNAL OF MANAGEMENT & ENTREPRENEURSHIP, ISSN : 2229 – 5348, UGC Care Group I Journal, Vol, 16 No. 1 (XI) January - March 2022
3. Dr. Sudheesh Kumar K., *Analysing the approach of Multi Level Marketing and its demand among industries*, UTKAL Historical Research Journal, Vol. 34 (XIX): 2021, Journal with ISSN : 0976-2132, UGC Care Approved, Peer Reviewed and Referred Journal.
4. Dr. Sudheesh Kumar K., *Acceptance of Educational Toys among Alpha Gen Parents, anvesak, Sardar Patel Institute of Economic and Social Research, Vol. 51 N. 02, (VII), ISSN : 0378-4568, UGC Care Group I, July – Dec. 2021*
5. Dr. Sudheeshkumar. K., *Assessment of Service Quality of Private and Public Sector Banks during Post –Covid Scenario*, Journal of the Asiatic Society of Mumbai, XCIV No. 05, 2021, ISSN 0972/0766, UGC Care, Peer Reviewed and Referred Journal.
6. Dr. Sudheeshkumar K., *Impact and Challenges of Covid-19 on Work Life of Tourism Workers of Kerala*, Shodhsamhita, Journal of Fundamental & Comparative Research, ISSN 2277-7067, Vol. VII, No. 12 (II), 2021, UGC Care, Peer Reviewed and Referred Journal.
7. Dr. Sudheeshkumar K., *Impact of Future Trading on spot prices of cardamom – A Study in Paingottoor and Piralimattam Villages of Kerala State, anvesak, Sardar Patel Institute of Economic and Social Research, Vol. 51 N.02, (VIII), ISSN : 0378-4568, UGC Care Group I, July – Dec. 2021*

8. Dr. Sudheesh Kumar K., Impact of ICT on Education during Covid – 19, with special reference to Kerala, Kanpur Philosophers – International Journal of Humanities Law and Social Sciences, ISSN 2348-8301, Vol. VIII, Issue 8: 2021, UGC CARE Peer Reviewed and Referred Journal.
9. Dr. Sudheesh Kumar K., Management of Profit, Return and Risk Factors related to public and private sector enterprise in Kerala, Journal of Education, Rabindra Bharati University, ISSN 0972-7175, Vol. XXIII No. 12 (I), 2021, UGC Care Peer Reviewed and Referred Journal.
10. Dr. Sudheesh Kumar K., Budgeting and Reporting Practices in Public and Private Sector Companies in Kerala, Shodha Prabha, ISSN 0974-8946 Vol. 55, No. 1 (XI), 2021, UGC Care Peer Reviewed and Referred Journal.
11. Dr. Sudheesh Kumar K., A Study On Consumer Perception Towards Online Shopping Of Fast Moving Consumer Goods In Thrissur District, Kerala, Rabindra Bharathi Journal of Philosophy, ISSN 0973 – 0087, XXII No. 1, UGC Care Peer Reviewed and Referred Journal.

#### **VI. PARTICIPATION OF TEACHERS IN ACADEMIC AND PERSONAL COUNSELING OF STUDENTS;**

Tutorial , Mentoring and Remedial sessions are held by tutors, which benefited the students by way of improving their personality ,soft skills and academic merit .

#### **VII. PARTICIPATION OF TEACHERS IN ACADEMIC ACTIVITIES OTHER THAN TEACHING**

<b>No.</b>	<b>Name</b>	<b>Academic Activities Engaged</b>
1	<b>Dr. SURESH V. N</b>	Chairman, Board of Studies Maharaja's College Ernakulam, Board of studies , RajaGiri College of Arts and Science , Kalamassery , St, Alberts College, St, Josephs College Irinjalakkuda. Head of the Department of Commerce ( 2015-2017, April 2020 – till date ) Member core group , Ernakulam District , One district One idea , MSME Innovation Clusters , District Innovation Council, K-DISC, GOK, Controller of Examinations Maharajas College, Ernakulam from 13.7.2018 to 31. 10 2020., Member Secretary , Academic Council, Maharajas College, Ernakulam during 2014-16, External Member Research Committee St. Alberts College Ernakulam , Cochin College, St. Peter's College, Kolencherry, Ernakulam since 2018.
2	<b>Dr. ANITHA M. N</b>	College Council Member, ED Club Convener, Member Discipline Committee.
3	<b>Shri. SHAJU MATHEW</b>	Member, Election Committee
4	<b>Smt. SAVITHA M. A</b>	Member, Academic Committee - UG Programme (Commerce), Sree Narayana Open University, Chairman of the Board of Question Paper Setters- B Com, University of Calicut, Question Paper Setters- B Com, University of Calicut, DQAC Coordinator, Coordinator WWS, Room Committee Member, Attendance Committee Member
5	<b>Dr. SWAPNA R</b>	Member Career Guidance Cell, Member Discipline Committee member Question Paper Setter- B Com, LLB , Kerala University
6	<b>Dr. PREETHY B. MENON</b>	Member Nature Club, Student Grievance Redressal Committee , Student Amenities Club
7	<b>Smt. BHASURA VALSAN K.</b>	Member Women Cell, WWS, SSP
8	<b>Dr. SUDHEESH KUMAR K</b>	Member Tutorial Committee, Placement Cell, NIRF Technical Team Member, External Expert Kerala PSC, Question Paper setter CMS College, Autonomous, Kottayam

#### **VIII. PROGRAMS CONDUCTED BY THE DEPARTMENT**



### 1. Bridge Course

Bridge Course was conducted for the newly admitted B Com Students in the month of June 2021.

2. **Value Added Course:** Value Added Course on “*Computerised Accounting*” was offered to all the students of the college. The course was conducted from 22<sup>th</sup> January to 24<sup>th</sup> March 2022.

3. **P G Syllabus revision :** All efforts were taken by the Dept HOD and all other faculty for restructuring the syllabus and for introducing outcome based syllabus from 2022 PG admission onwards.

### Students’ enrichment and career development activities:

- a) In order to give more practical awareness with respect to computer, a computer lab with sufficient number of computers with net availability is provided to students.
- b) Commerce club was formed with the view to enrich the special skills and talents and to provide a platform to unleash their hidden potentials. Merit day and career guidance program were organized by the club.

**Methods of continuous student assessment:** Continuous assessment of students carried out by way of conducting internal examinations, PTA meetings, remedial classes and also by having a good tutorial system.

## IX. SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT / FACULTY/ STUDENTS

1. PhD awarded, from M.G. University, Kottayam, to **Smt. Rekha P.G.**, Part Time Research Scholar, Titled - A Study on the Effectiveness in Service Delivery and Sustainability of Kerala Sustainable Urban Development Projects Under the guidance of **Dr. Suresh V.N.**, HOD & Associate Professor Department of Commerce, Maharajas College, Ernakulam.
2. Patent procured by Dr. Sudheesh Kumar.K, in respect of “Consumer expectations in the distribution of products via B2C e-commerce”. Filing Date- 09/12/2021, Appl No. 202141057191, site <https://ipindiaservices.gov.in/Publicsearch/Publicationsearch>
3. Students who cleared NET/ JRF.

Sl No	Name of the Student cleared NET	Name of the Student cleared JRF
1	Sreelakshmi Aneesh	Aswathy K J
2	Anu Augustine	
3	Myithrayi S	
4	Haidia Lizebeth Jaison	
5	Sreelakshmi Aneesh	

## vi. Economics

The department of economics has a rich history, dating back to its establishment in 1875. It has since grown to become one of the largest departments in the college in terms of student enrollment. The department's commitment to excellence is reflected in its journey from offering a BA in Economics in 1921 to becoming a postgraduate department in 1951. The department's dedication to research has led to its upgrade as a research center under Mahatma Gandhi University in 2002. The department continues to evolve, offering innovative programs that meet the needs of students and the economy. In 2014, it introduced a BA Honors in Economics program, making it the only department in the state to offer an undergraduate honors program in economics. Today, the department remains at the forefront of economic research and education, preparing its students to become leaders in the field.

The department of economics had a successful academic year in 2021-22, despite the challenges posed by the COVID-19 pandemic. Throughout the year, both academic and non-academic activities were conducted smoothly. To adapt to the situation, the department utilized online platforms to deliver lectures and engage in academic activities until September 2021. Starting from October 2021, the department resumed offline classes. The faculty members and students embraced this transition, and actively participated in all activities of the department. The department's commitment to providing a high-quality education to its students remained unwavering, and it took all necessary steps to ensure that the learning process was not hampered by the pandemic. The department's success during the past academic year is a testament to its resilience and adaptability. It continues to set an example for other departments in the college, and serves as a model for how to navigate the challenges presented by the pandemic while maintaining a high standard of education.

### **Result analysis of final year UG and PG**

The performance of the students in the UG and PG exams was commendable, as revealed by the analysis of results. In the PG program, out of the 16 students who appeared for the exam, 12 students passed, resulting in a pass percentage of 75%. Similarly, in the BA Honours in Economics program, the pass percentage was 71.42%, while in BA Model 1, 62.22% students passed. Ms. Smrithy K emerged as the topper in the PG program, while in the BA Honours in Economics program, Ms. Nidhuna M.S. secured the top spot with an impressive 95.7% marks. In BA Model 1, Ms. Krishnapriya scored 90.01% marks and topped the program. The high pass percentage and impressive performance of the toppers in all programs reflect the department's dedication to providing a conducive learning environment for its students. The faculty members' commitment to mentoring and guiding students towards achieving their academic goals is evident in the students' results. The department's efforts towards imparting quality education have resulted in the students' success, and it continues to strive for excellence in the future.

### **Webinar organised by the department**

The department of economics, in association with the Internal Quality Assurance Cell (IQAC), recently organized an insightful webinar titled "Methodological Issues and Economic Phenomena: A Review" on January 14th, 2022. The event was coordinated by the esteemed Dr. Pradeepkumar B., a renowned scholar in the field of economics. The webinar provided an excellent platform for faculty members, research scholars, and students of the department to engage in thought-provoking discussions and gain valuable insights into the latest developments in the field of economics. The webinar was a resounding success, with a large number of participants joining in to benefit from the

wealth of knowledge shared by the distinguished panel of speakers. The event covered a wide range of topics, including the latest research findings, emerging trends, and cutting-edge methodologies in the field of economics. The participants were actively engaged in the discussions, and the Q&A session that followed provided an opportunity for them to clarify any doubts or queries they may have had. Overall, the webinar was an enriching and enlightening experience for all those who participated. It was a testament to the department's commitment to promoting academic excellence and fostering a culture of learning among its faculty members, research scholars, and students. The department hopes to continue organizing such informative events in the future to help its members stay abreast of the latest developments in the field of economics.

### **E-COGNITO**

E-COGNITO is a dynamic platform that was established during the academic year 2020-2021 to facilitate various academic and non-academic activities of the students at the department level. The initiative has been instrumental in creating a vibrant and engaging learning environment that promotes the holistic development of students. Throughout the year 2021-2022, E-COGNITO has successfully conducted a range of activities, including discussions, informal quizzes, and other competitions that have fostered a spirit of healthy competition and collaboration among the students. The platform has also served as a catalyst for students to hone their skills and enhance their knowledge in various domains of study. The success of E-COGNITO is a testament to the initiative and dedication of the students who have put in countless hours of effort to make it a resounding success. The platform has not only enriched the academic experience of the students but has also played a pivotal role in enhancing their overall personality development. As an inclusive and collaborative initiative, E-COGNITO has encouraged students from diverse backgrounds to participate and engage in a range of activities, thereby promoting a sense of camaraderie and community among the student body. Moving forward, E-COGNITO is poised to continue its mission of promoting academic excellence and fostering a culture of learning and development among the students.

### **Best practice of the department**

The department of economics strongly believes in our commitment towards society, and it is our duty to support the underprivileged and destitute. To put this belief into action, we launched our flagship programme called 'Nanmamaram,' which is a social outreach programme initiated by our students. The programme is aimed at encouraging students to save a part of their earnings to support the poor and needy in society. During the academic year 2021-22, we organized a food fest as a fundraising effort for the Nanmamaram programme. The event was a huge success, and our students contributed by preparing food at home and selling it at the fest. Additionally, a live kitchen was set up for the same purpose. The funds raised through the event were utilized to support the needy, and it brought a ray of hope and happiness to the beneficiaries. We strictly follow our policy of not publicizing the names and photographs of the beneficiaries to respect their privacy and dignity. As a department, we believe that every individual has the right to live with dignity and respect, and we strive to do our best to uphold these values. The Nanmamaram programme has been instrumental in promoting the spirit of empathy and compassion among our students and has helped them to develop a sense of responsibility towards society. Moving forward, we plan to continue our efforts in supporting the underprivileged and destitute through the Nanmamaram programme and other such initiatives. We

hope to inspire more students to join us in this noble cause and contribute to making our society a better place for all.

### **Alumni engagement**

The department of economics has always enjoyed the unwavering support of its esteemed alumni. In the academic year 2021-22, we organized an online alumni meeting, which provided a wonderful platform for our alumni to reconnect and share their valuable insights and experiences. The meeting was a great success, and it was heartening to see the alumni's enthusiasm and commitment towards the department. The alumni association has been actively engaging with the department and its members through a dedicated WhatsApp group called 'Maharaja's Eco ex-aluno.' The group has been a valuable platform for the alumni to stay updated about the department's activities and events and to offer their support and guidance whenever required. We are deeply grateful to our alumni for their wholehearted support, both in terms of their physical presence and financial contributions. Their support has been invaluable in helping the department to achieve its goals and to create a conducive learning environment for our students.

The alumni's commitment towards the department is a testament to the strong bonds and connections that they have forged during their time at the college. Moving forward, we hope to continue to strengthen these ties and to foster a spirit of collaboration and mutual support between the department and its alumni. We thank our alumni for their continued support and look forward to their active participation in the department's future initiatives and activities.

### **Syllabus revision**

As part of an autonomous college, the department of economics enjoys the freedom to revise its syllabus every third year, in accordance with the changing needs of the industry and society. In line with this, the department took the initiative to revise its PG syllabus in 2021, with the aim of enhancing the quality of education and providing students with the latest knowledge and skills. The process of syllabus revision was carried out meticulously, with the board of studies taking into account the inputs and feedback from various stakeholders, including students, faculty, and industry experts. The revised syllabus was finalized in 2022, after several rounds of discussions and deliberations. The new syllabus includes several innovative and contemporary topics that are relevant to the current economic scenario, such as behavioral economics, data analytics, and environmental economics, among others. By introducing these new topics, the department aims to equip its students with the knowledge and skills required to excel in their chosen field and contribute to society in a meaningful way. The revised syllabus also places a greater emphasis on practical learning, with a focus on hands-on training and industry exposure. The department is confident that the revised syllabus will be well-received by students and will help them to build successful careers in the field of economics. Moving forward, the department remains committed to providing its students with the best possible education and will continue to explore new ways of enhancing the quality of education and preparing students for the challenges of the future.

### **Progress of research**

The department of economics has been a recognized research center under MG University since 2002. Over the years, the department has established a strong reputation for its research capabilities and has produced several noteworthy scholars in the field of economics. As of the academic year 2021-22, the department has produced a total of 20 Ph.D. holders, who have gone on to make significant contributions to the academic and research communities. In the academic year 2021-22, the department saw two more scholars being awarded the prestigious Ph.D. degree, bringing the total number of Ph.D. holders to 22. The department is immensely proud of its research supervisors, who have played a crucial role in guiding and mentoring these scholars to achieve their academic goals. Currently, the department has a team of six experienced and knowledgeable research supervisors, out of which three are retired professors who continue to provide their valuable guidance and support to the department. The department is fortunate to have such a distinguished team of supervisors, who bring with them a wealth of knowledge and experience in the field of economics. At present, the department has a total of 11 scholars pursuing their research, with eight scholars engaged in part-time research. The department is committed to providing these scholars with a nurturing and supportive research environment, where they can pursue their academic goals with utmost dedication and focus. Moving forward, the department remains committed to promoting research excellence and innovation in the field of economics. It will continue to support its scholars in their research endeavors and will strive to foster a culture of intellectual curiosity and academic rigor within the department.

## vii. English

The Department of English was established in 1875, coinciding with the birth of Maharaja's College. The college has grown steadily from a second-grade institution affiliated with the University of Madras to a Centre of Excellence over the course of nearly 150 years. Similarly, the department has evolved admirably, initially catering to the needs of various undergraduate programs and the First Arts Course (later renamed the 'Pre-University Course'). In 1956, the department introduced a postgraduate program in English, making it one of the first institutions in Kerala to offer the esteemed master's degree in the subject. Sixteen years later, in 1972, the department expanded its offerings to include an undergraduate program. Following the golden jubilee of its postgraduate program in 2007, the department was elevated to the status of a research centre, granting Ph.D. degrees. Currently, the department comprises 16 teaching faculty members, eleven of whom hold Ph.D.s and actively engage in research in various capacities. Others are either in the process of submitting their theses or have already done so. Notably, the department plays a unique role in reaching all undergraduate students, as English is a mandatory subject at that level. Members of the department have consistently contributed to the overall growth and performance of the college by serving in central bodies such as the Internal Quality Assurance Cell (IQAC) and National Assessment and Accreditation Council (NAAC) committees. Additionally, there are nine supervisors, including retired and external teachers, and more than twenty research scholars currently associated with the department. Over the past five years, the department has produced nine Ph.D. graduates and has seen 35 students successfully clear the National Eligibility

Test, seven of whom received Junior Research Fellowships. These achievements bear testimony to the department's commitment to excellence in higher education and research.

### **Result analysis of VI semester B.A.**

The beginning of the even semester of the academic year was marked by ambiguity, as there were uncertainties regarding the mode of teaching. However, there was also a renewed enthusiasm among students to attend offline classes at college, which proved helpful in overcoming the lack of motivation caused by the long-lasting COVID pandemic. The opportunity for interaction among students in the classroom and with faculty was invaluable, contributing to a shift in outlook and an increased zeal for life as students adapted to unforeseen changes in their lives. The positive energy of the students was evident in their participation and enthusiasm for both curricular and extracurricular events. The pandemic also led to a technological turn in pedagogy, which had several advantages. Classes were conducted in blended mode, as needed, which helped to promote educational engagement among the students. On balance we feel that while the uncertainty surrounding the mode of teaching was challenging, the renewed vigour for life and the benefits of blended learning were some of the positive outcomes of the pandemic.

The sixth semester began in December 2021, but due to the COVID wave and various student events, the first internals were postponed until 8.3.22. Despite the delay, a good majority of students performed well in the internals, with only five students needing to take the re-test. All students received individual feedback on their answer scripts. The constructive feedback provided after the first internal exam proved to be fruitful, as almost all students scored around 90% in the second internal examination conducted on 12.4.22. The dedication and hard work of the students are reflected in their excellent scores. Unfortunately, one student from Lakshadweep was absent throughout the semester. We hope that the student is safe and well and will be able to catch up with the rest of the class soon.

In the sixth semester of the B.A. program, students were required to complete six courses, with a dissertation/project being a significant component. Throughout the semester, students were given assignments in each course, which were evaluated by the respective teachers. Remedial classes were held on a timely basis to ensure that students received the necessary support and guidance to excel in their coursework. The mentoring sessions proved to be immensely useful, providing students with individual attention from their guides. These efforts were reflected in the final BA projects submitted by the students. The external examiners appreciated the project reports and were impressed with the students' efforts during the project viva. Out of the 24 students who had registered, 23 appeared for the examination, and the pass percentage was an outstanding 100%. Five students received S grade, eleven received A+, two each received A and B+, while three received B grades. These excellent results are a testament to the hard work and dedication of both the students and the faculty.

In the course on Women's Literature, 24 students appeared for the examination and the pass percentage was 88. 5 students received S, 9 received A+, 3 received A, 0 received B+, 2 received B, and 1 each received C and D grades. The same pass percentage was reported in the course on Comparative Literature. 10 students received A+, 5 received A, 1 received B+, 3 received B, and 1 each received C and D grades. The course on Commonwealth literature saw a greater pass percentage of 91. Out of the 24 registered students only 23 could attend the exam. 2 students received S, 6 students received A+, 5 students received A, 7 students received B+, and 1 student received B grade. In the remaining two

courses the pass percentage was 92. In the course on Indian literature in English, 2 students received S, 7 students received A+, 6 got A, 2 each got B+ and B, and 3 students received C grades. In the elective course on Dalit Literature, 5 students got A+, 8 received A, 4 received B+, 2 got B, and 3 received C grades. The average pass percentage for the sixth semester was 91.83.

The anxiety of being in the final year of the undergraduate programme was dealt in the mentoring sessions. Consultation was provided for the preparation of the Post-graduate admissions. This was, especially done by integrating the 3-year programme into the mentoring sessions. The overall performance by the students was above average. The result analysis shows the resolution of both the teachers and the students in moving towards a proper sense of education in both overcoming the limitations caused by the Pandemic and preparing for a better future.

### **Result analysis of fourth semester M.A.**

The fourth semester of the MA English program comprised five core courses and a project evaluation with an external viva as a crucial part of the curriculum. Out of the 24 students who appeared for the examination, the results were outstanding, with all students passing and a pass percentage of 100%. Six students secured an A+ grade, while 12 secured an A grade, and three secured a B+ grade. Sreelakshmi P.S. achieved the highest score, securing a CGPA of 4.66. The success was not limited to the overall results, as the students also excelled in individual courses.

In the Visual Culture course, students performed exceptionally well, with 10 securing an A+ grade, nine securing an A grade, and four securing a B+ grade. Only one student received a B grade. The An Introduction to Dalit Writing course also saw impressive performances, with one student securing an A+ grade, 18 securing an A grade, and four securing a B+ grade. One student secured a B grade. In the Translation Studies course, two students secured an A+ grade, while nine students secured an A grade. Two students secured a B+ grade, and one student received a B grade. In the Popular Culture course, four students achieved an A+ grade, 15 secured an A grade, three secured a B+ grade, and one student received a C+ grade. The course Understanding Cinema: Film Theory also saw good performances, with two students securing an A+ grade, 12 students securing an A grade, seven students securing a B+ grade, two students securing a B grade, and one student receiving a C+ grade. In the project and viva-voce, most of the students performed exceptionally well, showcasing novel ideas and producing works that were relevant to contemporary times. Seven students achieved an A+ grade, while eight students secured an A grade, and seven students achieved a B+ grade. Two students received a B grade. The department was pleased with the overall performance of the batch, although two students had to drop out due to personal reasons, and one student could not write the final semester exam due to personal inconvenience. The department will provide all possible assistance to the student who failed in the final exams.



SUBJECT	A+	A	B+	B	C+	C	D
PG4ENGC16-Visual culture	10	9	4	1	0	0	0
PG4ENGE01 (An Introduction to Dalit Writing)	1	18	4	1	0	0	0
PG4ENGE02 (Translation Studies)	12	9	2	1	0	0	0
PG4ENGE03 (Popular Culture)	4	15	3	1	1	0	0
PG4ENGE04 (Understanding Cinema:Film Theory)	2	12	7	2	1	0	0
PG4ENG01-PROJECT	6	10	2	5	1	0	0
PG4ENGV01-VIVA-VOCE	7	8	7	2	0	0	0

### Faculty Members in the Department of English during 2021-2022.

#	Name	Designation
01	Rekha Karim	Associate professor
02	Priya Jose K.	Associate professor
03	Minu Fathima	Assistant professor
04	Suja T.V.	Associate professor
05	P.K.Sreekumar	Associate professor
06	Manjusha K.G.	Assistant professor
07	Manchusha Madhusoodanan	Assistant professor
08	Sabitha S. Babu	Assistant professor
09	Bijesh V. Jose	Assistant professor
10	Smitha M.	Assistant professor
11	Rajna C.V.	Assistant professor
12	Deepthi T. Divakaran	Assistant professor
13	Anoopa C.R.	Assistant professor
14	Limna P.	Assistant professor
15	Reem S.	Assistant professor
16	Simi Thomas	Assistant professor

### Student progression and placement

In the academic year of 2021-22, a considerable number of students from the department enrolled in postgraduate and professional programs across various colleges and universities. As a result of their studies, some of these students have secured positions as teachers and content writers in different colleges and firms. Additionally, a few have chosen to pursue further studies and are currently enrolled in B.Ed. courses. Details are given below:

B.A. Students			
#	Name	Programme	Current institution
01	Shama Mangalath	M.B.A. General	School of Management Studies, University of Hyderabad
02	Abhinov Shyju	M.A. International Relations	Queen's University, Belfast, Ireland
03	Gopika B	M.A. Rural Development and Governance	Tata Institute of Social Sciences, Hyderabad
04	Bhadra Poornima Rajesh	M.A. by Research	IIT, Bombay
05	Fida Fathima	B Ed- M Ed (Integrated)	Tata Institute of Social Sciences, Mumbai
06	Fayiza Khadeeja A Z	M.A. English	Central University of Tamilnadu, Thiruvavur
07	Afna H.	Master in Social Work	Sree Sankaracharya University of Sanskrit, Kalady
08	Arjun T Mohan	Master in Social Work	Sree Sankaracharya University of Sanskrit, Kalady
09	Chandana S Pradeep	M.A. English	School of Letters, Mahatma Gandhi University, Kottayam
10	Anagha V.R.	M.A. English	Government College, Tripunithura
M.A. Students			
11	Sreelakshmi P S	Ph.D.	Kyung Hee University, Seoul, South Korea
12	Akhina Parayil	MBA	Christ University, Bangalore
13	Sruthy Laxmi S Prabhu	B.Ed.	Avila College of Education

14	Abha S Raj	B.Ed.	Avila College of Education
15	Parvathy B R	B.Ed.	Mount Tabor Training College, Pathanapuram
16	Abeena K.	B.Ed.	Sree Narayana College of Education, Muvattupuzha
17	Ashil K. M.	B.Ed.	Farook training college, kozhikkod
18	Akhina Parayil	MBA	Christ University, Bangalore
19	Anneslette Victoria	B.Ed.	Hill Valley College of Education, Thrikkakara
20	Archa J.	B.Ed.	Kerala University College of Teacher Education, Thevally
21	Malavika Shine	B.Ed.	Haneefa kunju memorial training college umayanallor,Kollam
22	Anju P	B.Ed.	Calicut university teacher education centre valappad, Thrissur
23	Anitha Paul	LLB	Government Law College, Ernakulam
<b>Employed</b>			
24	Sruthy Sabu	Teacher	St. Ann's High School, Vadinar
25	Amal Sebastian	GDS	Railway Mail Service Ernakulam division
26	Shameel M.	Trained Graduate Teacher in English	Jawahar Navodaya Vidyalaya, Andaman and Nicobar Islands

To ensure the quality of students in both academic and non-academic matters, the Students Quality Assurance Cell (SQAC) was established. This initiative involved nominating the top-performing students in each class of the department to serve as SQAC members. Furthermore, tutorial and mentoring systems were implemented to provide students with additional support and guidance to excel in their studies and personal development. These measures aim to enhance the overall quality of education and student experience within the department.

### Publications by faculty in CARE-listed journals

#	Author/s	Title of the paper	Name of the journal	ISSN
01	P.K. Sreekumar & Priya Jose K.	English Pics and Epics: A Comparative study of Televised Ramayana and Mahabharata	Assonance, January 2022	2394-7853
02	P.K. Sreekumar & Priya Jose K.	Caste and Conceptual Kaleidoscope in Traditional Toxicological Treatises from Kerala	Ishal Paithrukam, March, 2022	2582-550X
03	Priya Jose K.	Spatilising the Memory: A Reading of the Small Town Sea and Fly Haseena Fly by Anees Salim	Assonance, January 2022	2394-7853
04	Smitha M.	Aravindan's Cinematic Oeuvre: Alternate Aesthetics of the Third Cinema of Contemplation	Littcrit, December 2021	0970-8049
05	Smitha M.	The Invisible Women: The Abject Aging Female in Doris Lessing's <i>The Diary of a Good Neighbour</i> .	Drishti: the Sight, November, 2021	2319-8281
09	P.K. Sreekumar	Savarna Khethrotamastha Samithiyute Abhiprayangal	Vijnanakairali, December, 2021	2349-1051

## Research promotion

Two new Research Supervisors were approved by the university:

Dr. Priya Jose K. Associate Professor of English, Maharaja's College, Ernakulam vide order no: 4575/ACA6/2020. MGU dtd 8/10/2020 and Dr.Suja T.V. Associate Professor of English, Maharaja's College, Ernakulam, vide order No: 825/AC A6/2021MGU dtd 8/2/2021. Sini K. S was awarded PhD for "The Mahabharata: A Trajectory of Political Permutations" under the supervision of Dr.J. Vijayamohanan on 12/04/2021. The department has 22 scholars including 3 JRF scholars. No new scholars were admitted during 20-21 as the process of admission was delayed due to the pandemic.

## Awards and recognitions

Shamjith E. S. of first B. A. and Muhammed Nijad of second year BA English got university level medals for body building championship. Sreelakshmi P S of II M A English was awarded the Global Korean scholarship for pursuing research in South Korea.

## viii. Geology

The Department of Geology offers MSc program and has been actively engaged in various initiatives aimed at promoting geology among the younger generation and nurturing a passion for Earth Science. As part of the revised syllabus, which is designed based on program-specific outcomes, the second-semester geology students embarked on a field study program from October 13th, 2022, to October 15th, 2022. The field study covered the areas of Kollam and Varkala in the Thiruvananthapuram district. Additionally, the students had the opportunity to visit the Indian Rare Earths Limited (IREL) in Kollam and the National Centre for Earth Science Studies (NCESS) in Thiruvananthapuram during their field study.

In contrast to the previous year, the first-year practical exam was conducted within our department's own laboratory facilities. Last year, due to limited lab resources in our department, the practical exam had taken place at Christ College in Irinjalakuda, Thrissur. On December 1st, 2022, a Parent-Teacher meeting was organized for both first and second-semester students. The primary agenda of the meeting was to discuss the students' results and gather feedback from the parents regarding the course. The meeting proved fruitful as we received positive feedback from the parents, indicating their satisfaction with the program.

Furthermore, the fourth-semester students were selected to complete their academic projects at prestigious institutions such as the Cochin University of Science and Technology (CUSAT), School of Marine Science Campus in Kochi, and Government College Kottayam, Nattakom. These opportunities allowed the students to fulfill the requirements of the curriculum while gaining valuable experience and exposure in their respective areas of study. All these activities and achievements demonstrate the department's commitment to providing a comprehensive and enriching educational experience for the geology students, fostering their knowledge, skills, and passion for Earth Science.

## ix. Hindi

The Postgraduate and Research Department of Hindi holds a prestigious position in the state of Kerala. Recognizing its excellence, the Government of Kerala has officially declared the department as a Centre of Excellence. This acknowledgment speaks to the department's dedication to providing high-quality education and research opportunities in the field of Hindi language and literature. The department offers a comprehensive range of academic programs, catering to students at different levels of study. At the undergraduate level, students can enrol in the Hindi program, which provides a strong foundation in the language, literature, and cultural aspects associated with Hindi. The postgraduate program further enhances students' knowledge and skills in Hindi, allowing them to delve deeper into advanced topics and areas of specialization. Additionally, the department offers a doctoral program, enabling scholars to pursue in-depth research and contribute to the expanding body of knowledge in the field.

The curriculum of the department is carefully designed to ensure a holistic learning experience. It encompasses a balanced blend of theoretical and practical components, equipping students with a comprehensive understanding of Hindi language, literature, and related disciplines. The faculty members, renowned experts in their respective areas, employ innovative teaching methodologies and facilitate engaging discussions to foster a stimulating academic environment. The department actively promotes research and encourages students and faculty members to undertake research projects in diverse areas of Hindi language and literature. This emphasis on research cultivates a culture of intellectual inquiry and scholarly exploration, contributing to the overall academic growth of both students and faculty members. The research outputs from the department have made valuable contributions to the field, and its scholars regularly participate in national and international conferences, seminars, and publications.

Moreover, the department serves as a hub for Hindi language and literature enthusiasts, organizing various cultural events, workshops, and seminars to promote the rich heritage and linguistic diversity associated with Hindi. These activities not only enhance the students' cultural awareness but also foster a sense of community and camaraderie among the Hindi scholars.

During the academic year 2021-2022, the Department of Hindi witnessed a significant number of students enrolled in various programs. A total of 122 students pursued their undergraduate studies in Hindi, showcasing the popularity and demand for the program. Additionally, 30 students were enrolled in the postgraduate program, further highlighting the department's commitment to providing advanced education in Hindi language and literature. Furthermore, it is noteworthy that a substantial number of students from other departments, approximately 425 in total, selected Hindi as an additional language. This demonstrates the widespread interest and recognition of Hindi as a valuable linguistic skill in various academic disciplines.

In order to adapt to the evolving educational landscape, the department took the initiative to restructure the syllabus for the Bachelor of Arts (BA) Hindi program. The revised syllabus was implemented on November 27th, 2019, and has been in effect for undergraduate admissions starting from the year 2020. This restructuring aimed to ensure a comprehensive and contemporary curriculum that aligns with the changing needs and demands of the field, providing students with a well-rounded education in Hindi language, literature, and related subjects. In contrast, the Master of Arts (MA) Hindi syllabus remains unchanged, emphasizing the importance of a strong foundational knowledge and

advanced study in the discipline. This consistency in the MA syllabus allows students to delve deeper into the intricacies of Hindi language and literature, facilitating specialized research and advanced scholarship.

By constantly refining and updating the syllabi, the department ensures that students receive the most relevant and up-to-date education in Hindi studies. This proactive approach not only enhances the learning experience for students but also equips them with the necessary skills and knowledge to excel in their chosen career paths. The department's commitment to maintaining an inclusive and comprehensive Hindi language program, as reflected in the enrolment statistics and syllabus restructuring, highlights its dedication to promoting Hindi language and literature education and meeting the evolving needs of students in the field.

During the initial period until November 2021, classes were conducted online due to the prevailing circumstances. However, from November onwards, the department adopted a hybrid mode of instruction, combining both online and offline methods. This approach allowed for greater flexibility and ensured that students could benefit from a blended learning experience. To assess the progress and performance of the students, the department organized two test papers and seminars for both postgraduate (PG) and undergraduate (UG) programs as part of the internal assessment. These assessments were conducted using online as well as offline platforms to accommodate the varying needs and preferences of the students. Students submitted their answer sheets and assignments via Google Classroom during online classes, while hard copies were collected from them subsequently.

To further evaluate the practical aspects of the curriculum, the department conducted internal and external project viva for both PG and UG students. These platforms provided an opportunity for students to showcase their knowledge, research, and presentation skills, allowing them to gain practical exposure and receive valuable feedback from faculty members.

During the revision period, the department implemented various remedial measures aimed at enhancing the academic performance of both PG and UG students. These measures could include additional tutorials, mentoring, guidance sessions, and supplementary study materials. The objective was to provide students with the necessary support and resources to improve their understanding and achieve better results. Parent-Teacher Association (PTA) meetings were conducted for each class, fostering a constructive dialogue between the faculty members and parents. These meetings provided a platform to discuss the progress, challenges, and feedback regarding the students' performance and the course itself. Such interactions facilitated a collaborative approach towards students' academic growth.

The Department of Hindi organizes a range of programs each year to foster research activities and promote the Hindi language and literature. One such significant event is the celebration of Premchand Jayanti held annually. This event commemorates the birth anniversary of the renowned Hindi writer, Munshi Premchand. The department takes pride in organizing this celebration, which serves as a platform to honor the literary contributions of Munshi Premchand and raise awareness about his works. For this year's Premchand Jayanti Samaroh, Dr. Lalimol Varghese served as the coordinator, ensuring the smooth execution of the event. The department invited Dr. Santhi Nair, an eminent Hindi professor, as the resource person. Dr. Nair's expertise and insights enriched the event, providing valuable perspectives on Premchand's literary legacy.

In addition to the Premchand Jayanti celebration, the department also organized the Hindi Day celebration. Due to the prevailing circumstances, this event was conducted online, allowing participants



to join remotely. The Hindi Day celebration serves as an occasion to commemorate the importance of Hindi as a language and to showcase its cultural significance. Through various activities such as speeches, recitations, and cultural performances, the event aimed to foster a deeper appreciation for Hindi language and literature among the participants.

These programs organized by the Department of Hindi demonstrate its commitment to promoting research activities, honoring renowned Hindi writers, and celebrating the linguistic and cultural richness of the Hindi language. The active involvement of faculty members, coordinators, and resource persons enhances the quality and impact of these events, contributing to the overall academic and cultural growth of the department and its students.

## X. History

### Result analysis of B.A.

The result analysis of the B.A. program for the sixth semester examination held in April 2022 reveals the following outcomes. A total of 44 students registered and appeared for the examination. Out of these, 28 students successfully passed the examination, comprising 3 boys and 25 girls. On the other hand, 16 students did not pass, including 6 boys and 10 girls. Among the students who passed, the distribution of grades is as follows: 1 student achieved the highest grade of A+, 11 students received grade A, 10 students earned grade B+, 4 students obtained grade B, 1 student secured grade C, and 1 student received grade F. Anupama P.L. emerged as the topper in the B.A. History program for the year 2022. She obtained an impressive total of 2782 marks out of a maximum of 3100. Her Cumulative Course Performance Average (CCPA) stands at an outstanding 8.99. This result analysis highlights the achievement of the students in the B.A. program, with a significant number successfully passing the examination. The presence of high-performing students, such as Anupama P.L., who secured top marks, reflects the dedication and academic excellence of the students.

### Result analysis of M.A.

The result analysis of the M.A. History program for the fourth semester examination conducted in April 2022 reveals the following statistics. A total of 18 students registered and appeared for the examination. Out of these, 9 students successfully passed, consisting of 2 boys and 7 girls. On the other hand, 7 students did not pass the examination, including 2 boys and 5 girls. Among the students who passed, the distribution of grades is as follows: 1 student achieved the highest grade of A+, 3 students received grade A, 3 students earned grade B+, and 2 students obtained grade B. Shireen emerged as the topper in the M.A. History program for the year 2022. She achieved an impressive Cumulative Grade Point Average (CGPA) of 4.69. This result analysis highlights the performance of the students in the M.A.

### Student progression and placement

Many students have chosen to pursue postgraduate courses within the institution itself or in other reputed colleges and universities. This showcases their trust and confidence in the academic environment and resources offered by Maharaja's College. Furthermore, a significant number of students have opted for professional courses such as MSW (Master of Social Work), B.Ed. (Bachelor of Education), and postgraduate Diploma in journalism in prestigious educational institutions. This

highlights the interdisciplinary approach and flexibility of the education system, enabling students to explore diverse fields and enhance their career prospects. The success of the students is evident through their placements in both Kerala State Government Service and private institutions. This reflects the high-quality education and practical skills imparted by the college, making the students well-equipped to excel in their respective fields. The placements in government service positions serve as a testament to the students' competence and the recognition of their capabilities by the state authorities.

### Programmes conducted by the department

#### 1. Monthly Debate and Lecture Series

On November 12, 2021, K. Sethuraman IPS, DIG of Kannur Range, delivered a captivating lecture based on his book titled 'Who are we Malayalees? A Genetic Reading.' The lecture delved into the topic, providing insightful perspectives on the genetic identity of Malayalees. This thought-provoking session aimed to deepen our understanding of the cultural and historical aspects that shape the identity of the people of Kerala.

Another lecture took place on December 21, 2021, at GNR Hall. The esteemed speaker R.B. Sreekumar, Former DGP of Gujarat, delivered a compelling lecture on the topic 'Challenges to the Letter and Spirit of the Constitution of India.' Drawing from his extensive experience, Mr. Sreekumar shed light on the various challenges faced by the Indian constitution in contemporary times. His lecture emphasized the importance of upholding the principles and values enshrined in the constitution to preserve the democratic fabric of the nation.

To commemorate the tricentenary of the Attingal Revolt, a special lecture was organized on December 3, 2021. Professor V. Karthikeyan Nair, Director of Kerala Language Institute, delivered an enlightening lecture on this historic event. The lecture highlighted the significance of the Attingal Revolt and its impact on the socio-political landscape of Kerala. Professor Nair's expertise and insights enriched the commemorative lecture, providing a deeper understanding of this pivotal moment in Kerala's history.

These lectures aimed to broaden the horizons of students and the academic community by facilitating insightful discussions on various subjects. The speakers' expertise and thought-provoking topics created an intellectually stimulating environment, encouraging the exploration of diverse perspectives and fostering a culture of lifelong learning.

#### 2. Heritage Walks

The Department undertook an initiative to foster participatory learning among its students by organizing Heritage Walks. These walks were designed to create awareness and appreciation for the rich cultural heritage of their country. Recognizing the importance of experiential learning, the department arranged these walks to provide students with a first-hand experience of historical sites, monuments, and significant cultural landmarks. The Heritage Walks aimed to go beyond the confines of traditional classroom learning and immerse students in the tangible aspects of their country's heritage. By exploring and observing these sites, students gained a deeper understanding of their cultural significance, historical context, and architectural marvels. The walks allowed students to witness the

tangible remnants of their nation's past and connect with the stories and narratives embedded within these heritage sites.

Through this initiative, students were encouraged to actively engage with their surroundings, fostering a sense of ownership and pride in their cultural heritage. The department's focus on participatory learning aimed to empower students to become active contributors to the preservation and promotion of their country's heritage. During the Heritage Walks, students had the opportunity to interact with knowledgeable guides who provided valuable insights and historical anecdotes. This interactive learning experience facilitated discussions, encouraged questions, and allowed for a deeper exploration of the cultural significance of each site. Students were able to engage in conversations with their peers, exchanging thoughts and observations, thus enhancing their overall understanding and appreciation of their country's rich heritage.

By organizing these Heritage Walks, the department fostered a sense of cultural awareness, instilling a deeper connection to their roots and promoting a sense of responsibility towards heritage conservation. Through experiential learning, students were able to develop a holistic understanding of their country's diverse cultural heritage, enriching their educational journey and nurturing a lifelong appreciation for their heritage.

### 3. Research Journal

The Department takes pride in its scholarly endeavours and academic contributions, including the publication of its own journal. On February 11, 2022, a significant event took place as the Department organized the release function of *The Journal of History and Society*. This journal, with the ISSN 2320-6276, marked the release of its latest volume, Vol.7, No.1.

The release function of the Journal of History and Society was a momentous occasion that showcased the department's commitment to promoting research and scholarship in the field of history and related disciplines. The journal serves as a platform for scholars, researchers, and academicians to share their insightful contributions and engage in intellectual dialogue. The event brought together esteemed scholars, faculty members, and students who share a passion for history and social sciences. The release function provided an opportunity for the contributors and readers of the journal to come together and celebrate the culmination of rigorous research and academic excellence.

During the release function, notable individuals from the academic community, including renowned historians and subject experts, were invited to share their perspectives on the significance of the journal and its role in advancing historical research. Their speeches and presentations enriched the intellectual atmosphere and inspired a deeper appreciation for the importance of historical scholarship. The release function also provided a platform for the contributors to present their research findings and engage in scholarly discussions. This interactive session encouraged intellectual exchange, fostering a culture of collaborative learning and critical thinking within the department.

*The Journal of History and Society*, through its regular publication, contributes to the body of knowledge in history and related disciplines. It serves as a valuable resource for students, researchers, and academicians, providing them with a platform to disseminate their research and contribute to the academic discourse.

### 4. Commemorative Events

To enhance the organizational abilities of students and to foster a deeper understanding of historical events, the Department encouraged students to organize various commemorative events. From December 6 to 12, 2021, a Commemoration Week was observed to mark the centenary of the Malabar Rebellion in 1921 and the tri-centenary of the Attingal Revolt. As part of this week-long observance, students organized engaging activities such as quiz competitions and student lecture competitions, among others. These events aimed to educate and familiarize students with the historical significance of these rebellions. As part of the commemoration, students also prepared a commemorative video to honour the events under reference. This creative initiative allowed students to showcase their research and presentation skills while raising awareness about these historical events.

On November 19, 1921, an event was organized to commemorate the centenary of the Wagon Tragedy. This tragic incident held significant historical importance, and the event aimed to pay tribute to the lives lost during this unfortunate event. Similarly, on February 5, 1922, another event was organized to commemorate the centenary of the Chauri Chaura incident. This event played a crucial role in India's struggle for independence, and its commemoration served as a reminder of the sacrifices made by freedom fighters.

Additionally, on December 13, 1971, an event was held to commemorate the 50th anniversary of the Bangladesh War Victory and Goa Liberation. This event celebrated the significant milestones in the history of these regions, acknowledging the efforts and sacrifices made during these crucial times.

To enrich the commemorative events, the distinguished historian, Dr. M. Gangadharan, delivered a special commemorative talk on February 14, 2022. His expertise and insights provided valuable perspectives on historical events, further deepening the students' understanding and appreciation of history. As part of this commemorative lecture, Shafnap.s, a first-year M.A History student, had the honour of delivering a speech, showcasing the academic prowess and research capabilities of the students.

These events organized by the Department aimed to create a platform for students to engage with history in a meaningful and interactive manner. By commemorating significant historical events, students were able to develop a deeper connection to their country's past and gain a comprehensive understanding of its historical significance.

#### 5. Quality initiatives for students

To ensure the overall quality and well-being of the students, the Department established the Students Quality Assurance Cell. This cell consisted of the top-performing students from each class, who were entrusted with the responsibility of upholding academic and non-academic standards within the department. This initiative aimed to foster a culture of excellence and continuous improvement among the student body.

Recognizing the importance of career guidance and counselling, the department organized dedicated sessions for students to provide valuable information on the prospects of higher education and job opportunities after completing their BA program. These sessions aimed to empower students with the knowledge and resources needed to make informed decisions about their future career paths.

In addition to career guidance, the department also implemented a tutorial system and mentoring program to support students in various aspects of their academic journey. The tutorial

system provided students with additional academic assistance, enabling them to clarify concepts, seek guidance, and improve their understanding of the subject matter. The mentoring program, on the other hand, paired students with experienced mentors who provided guidance, support, and valuable insights to help students navigate the challenges of college life and personal development.

By implementing the Students Quality Assurance Cell, career guidance and counseling sessions, as well as the tutorial and mentoring systems, the department demonstrated its commitment to the holistic development of its students. These initiatives aimed to empower students, both academically and personally, by equipping them with the necessary tools and resources to excel in their studies and make well-informed decisions about their future endeavors.

#### 6. Outreach and extension activities

a) Dr. M.H. Remeshkumar, a faculty member of the Department, embarked on a commendable initiative to raise awareness among the public regarding the contemporary importance of environmental protection and the necessity to reduce dependence on fossil fuels. He organized a cycle expedition as a means to engage with the community and spread the message of sustainable living. By undertaking this cycle expedition, Dr. M.H. Remeshkumar aimed to demonstrate the practicality and viability of alternative modes of transportation, particularly cycling, in mitigating environmental challenges and promoting a greener future. The expedition served as a powerful symbol of his commitment to environmental preservation and his advocacy for reducing carbon emissions.

Throughout the expedition, Dr. M.H. Remeshkumar interacted with the public, engaging in conversations and sharing information on the importance of protecting the environment. He highlighted the adverse effects of excessive reliance on fossil fuels and emphasized the need for individuals and communities to adopt eco-friendly practices. By actively participating in this expedition, he encouraged people to reflect on their own carbon footprint and consider sustainable alternatives for daily commuting. Dr. M.H. Remeshkumar's cycle expedition not only created awareness but also inspired individuals to take personal responsibility for environmental conservation. His efforts served as a catalyst for change and urged the public to reconsider their habits and choices in favour of a more sustainable lifestyle. Through his actions, he exemplified the department's commitment to promoting environmental consciousness and fostering a sense of collective responsibility towards the planet.

b) During the challenging period of the Covid-19 pandemic, the Department took the initiative to support students from economically disadvantaged backgrounds in their pursuit of online education. Recognizing the critical need for access to digital devices, the department provided smart mobile phones to deserving students who lacked the necessary resources to participate in online learning. By providing smart mobile phones, the department aimed to bridge the digital divide and ensure that students from marginalized families had equal opportunities to continue their education remotely. These devices served as essential tools for students to access online classes, educational resources, and communicate with their teachers and peers. The initiative focused on identifying deserving students from economically vulnerable backgrounds who faced challenges in procuring the necessary technology for online education. By providing them with smart mobile phones, the department not only addressed the immediate needs of these students but also empowered them to engage actively in their academic pursuits during the pandemic.

## xi. Islamic History

The Department of Islamic History was established in 1971 with the introduction of the B.A. in the discipline. Professor C. Umar served as the founder head of the department. This program offered a unique blend of Islamic History, History, and Political Science, enabling students to explore the diverse social science aspects from an Islamic perspective. Islamic History delves into the political, social, economic, and historical developments of the Islamic civilization, encompassing various fields such as philosophy, political science, economics, gender studies, and sociology. This interdisciplinary nature sets Islamic History apart from other social science subjects, making it highly distinct and exceptional.

In 1980, the department was upgraded to a postgraduate department, allowing students to pursue advanced studies in Islamic History. Over the years, the department has made significant contributions by producing numerous teachers, civil servants, researchers, journalists, and politicians who have served the nation with distinction. Recognizing its scholarly achievements and research contributions, the department was elevated to a Research Centre affiliated with M.G. University, Kottayam in 2019.

Currently, the department offers undergraduate (B.A.), postgraduate (M.A.), and doctoral (Ph.D.) programs in Islamic History, following the Choice Based Credit Semester System (CBCSS). This system provides students with flexibility and a wide range of course options to tailor their academic journey according to their interests and career aspirations. The department continues to uphold its commitment to academic excellence and research, nurturing students' passion for Islamic History and empowering them with a comprehensive understanding of the subject. Through its comprehensive curriculum, distinguished faculty, and research-focused approach, the Department of Islamic History plays a vital role in promoting scholarly pursuits, producing competent professionals, and contributing to the overall knowledge and understanding of Islamic civilization.

### Faculty Details

#	Name of the Faculty	Designation	Qualification	Nature of appointment
1	Dr. Shajila Beevi S	Associate Professor	M A, Ph D, UGC/JRF	Regular
2	Dr. Salooja M S	Associate Professor	M A, M Phil, Ph D, UGC/NET	Regular
3	Ajmal P A	Assistant Professor	M A, M Phil, M Ed, UGC/NET	Regular
4	Dr. Scintila N. J	Assistant Professor	M A, , UGC/NET & JRF, Ph.D	Regular
5	Sheeja O	Assistant Professor	M A , M Phil, UGC/NET	Regular

6	Manisree T	Assistant Professor	M A, B.Ed, M Phil, UGC/NET	Regular
7	Achilles A B	Assistant Professor	M A, L L B, UGC/NET	Regular

#### Enrolment Details-Course wise

Programme name	Number of seats sanctioned	Number of Students admitted
BA	49	49
MA	24	24
Ph.D.	16	11

#### Seminars organized by the Department during the year

The Department is keen in organising many academic activities including seminars, special talks and workshops. Important among them that were conducted during 2020-21 are listed below:

#	Title	Programme Details	Date
1	Research Methodology	Lecture series	18/03/2022

#### Courses attended by faculty members

Name of the faculty	Course attended	Institution	Date & Duration
Achilles A. B	Induction Programme	UGC HRDC, University of Kerala, TVM	04/01/2022 to 02/02/2022

#### Students' progression to Higher Education



#	Name of student enrolled for higher education	Programme completed	Name of institution joined	Name of programme admitted to
1	SHAFNA P. S	BA Islamic History	MAHARAJAS COLLAGE ERNAKULAM	MA HISTORY
2	Anurag E. N	BA Islamic History	MAHARAJAS COLLAGE ERNAKULAM	MA ISLAMIC HISTORY
3	Farsana Ubaid	BA Islamic History	MAHARAJAS COLLAGE ERNAKULAM	MA ISLAMIC HISTORY
4	Ganga Rajendran	BA Islamic History	MAHARAJAS COLLAGE 5ERNAKULAM	MA ISLAMIC HISTORY
6	Dilsha V	BA Islamic History	MAHARAJAS COLLAGE ERNAKULAM	MA ISLAMIC HISTORY
7	Athira P. S	BA Islamic History	MAHARAJAS COLLAGE ERNAKULAM	MA ISLAMIC HISTORY

#### Result Analysis- PG

No. of students appeared	No. of students passed	Pass %
16	14	88 %

#### Result Analysis- UG

No. of students appeared	No. of students passed	Pass %
24	11	45.83 %

#### Research Details

#	Guide	Name of scholar/s	Register No.	Topic of research	Paert Time/ Full Time
1	Dr. Shajila Beevi	1) SANTHINI P	327/2019	Revisiting the	Full Time

	S	KUTTICKAL		contributions of Dr. C. K. Kareem as a Modern Muslim Historiographer in Kerala.	
2	Dr. Shajila Beevi S	2) ABEENRAJ M A	328/2019	Conceptuality Situating Political Consciousness among Dalits in Kerala and the Theory of Asabiya	Full Time
3	Dr. Shajila Beevi S	3) ASEENA M A	329/2019	Impact of Kudumbasree in the Social Mobility and Modernity of Muslim Women in Malappuram District	Part Time
4	Dr. Shajila Beevi S	4) DIVYA K T	264/2020	Muslim Personal Law in the Context of Talaq and Muslim Women in India - Multiple Perspective with Special Reference to the Shayara Bano Case.	Full Time
5	Dr. Shajila Beevi S	5) SHAMNAD S		Trends of Muslim Community in Kerala towards Professional Education from 1970 to 2020.	Full Time
6	Dr. Shajila Beevi S	6) ANUMOL P A	350/2021	Impact of Nitaqat on the Socio-economic Sector of Muslims in Kerala	Full Time
7	Dr. M S Salooja	1) SREENIVASAN.R	266/2020	Influence of Topography in the Community Formation of Muslims in Fort Kochi- Mattanchery Area.	Full Time
8	Dr. M S Salooja	2) DANIEL CHACKO	267/2020	Role of Education in the Socio-cultural	Full Time

				Synthesis of Christian-Muslim Communities in Travancore- Cochin area during the British period.	
9	Dr. M S Salooja	3)SANTHOSH KUMAR.M	268/2020	Development of Muslim Community in the Field of Higher Education and Employment in Kerala after the Formation of Minority Development Corporation.	Part Time
10	Dr. M S Salooja	4)NASEER.M	269/2020	Islamic Finance Services in Kerala with Special Reference to Alternative Investment Credit Ltd. Kozhikode.	Part Time
11	Dr. Scintila N J	1) CHRISTA BEN	351/2021	The Concept of "Love of God" : A Comparative Study on the Mystical Philosophies of Rabia al-Adwiya and Teresa of Avila	Full Time

## xii. Malayalam

The department of Malayalam at Maharaja's College Ernakulam was established in 1925, during the golden jubilee year of the college's affiliation to Madras University. Initially, Malayalam was taught as a Part II Second Language for the three-year BA/BSc Degree Courses, under the guidance of renowned Sanskrit teachers such as Karunakara Pisharady, Rama Pisharady, and Anantha Narayana Shastri. The Oriental language department was headed by the distinguished poet and superintendent of languages, Pandit K.P Karuppan, who is believed to be one of the first teachers of Malayalam. In 1936, the department was further enriched with the addition of Mahakavi G. SankaraKurup, the first recipient of

the prestigious Jnanpith Award in 1965. His presence in the college greatly benefited the student community, and he was just one of many distinguished scholars, critics, and poets to teach in the department. Some other notable figures include Prof. Kuttipurath Kesavan Nair, Prof. P.V Krishnan Nair, Prof. C. L Antony, Prof. M. K Sanu, Dr. M. Leelavathy, Prof. Gupthan Nair, Prof. M. Krishan Nair, Prof. O. N.V Kurup, Prof. K. G SankaraPilla, and C. Ayyappan. It is worth noting that Prof. O.N.V Kurup, a renowned poet and lyricist, was also honored with the Jnanpith Award in 2007. The Department of Malayalam at Maharaja's College Ernakulam has a long and illustrious history of producing some of the most distinguished scholars and writers in the field, and its legacy continues to inspire and shape the future of Malayalam language and literature.

The Department of Malayalam has been home to a rich tradition of literary luminaries, including writers, critics, and poets who have published numerous books on literature and grammar. One of its most illustrious alumni is G. Sankarakurup, who won the first-ever Jnanpith Award in 1965. He also served as the third Head of the Department of Malayalam. Another distinguished faculty member of the department is O.N.V Kurup, who was also honored with the Jnanpith Award in 2007. The department has had many outstanding heads, including Prof. S. Joseph, a celebrated poet who won the Kerala Sahitya Akademi Award in 2012 and the Odakuzhal Award in 2015 for Poetry. He has published eight collections of poetry, including a volume translated into English, as well as a novel and a critical study. His works have been included in publications by Penguin and Oxford, and his poems have been featured in Poem Hunter and Poetry International. Several universities and autonomous colleges in Kerala have included his poems in their syllabi, and his works have been translated into various Indian and foreign languages. Prof. S. Joseph is also a member of the Kerala Sahitya Akademi and the Lalithakala Akademi, further attesting to the department's strong legacy of fostering literary excellence.

### **Result analysis**

40 students appeared for the BA Malayalam final exams. Out of it 30 students passed (75%). Out of 30 students 1 student got A+, 11 students got A, 9 students got B+, 3 students got B, and 2 students got C. 10 students failed in the exam. 26 students appeared for MA Malayalam final exam. The pass percentage is 96%. Above them 7 got A+ (above 90%), 10 got A, 2 of them got B+ and B for 1.1 failed in the exam.

### **Faculty list**

There are 8 permanent faculties in our department for handling classes. The list of present faculty is shown below.

#	Name of Faculty	Designation	Educational Qualifications	Teaching Experience
1	Dr.Sumy Joy Oliapuram	Assistant Professor	MA NET, JRF, PhD	16
2	Dr.M. S Murali	Assistant Professor	B.Ed, Ph.D. UGC/NET	15
3	Dr.T.M.Mathew	Assistant Professor	MA, B.Ed, NET, PhD	17
4	Dr.Julia David	Assistant Professor	MA, BEd MPhil, PhD	16

			UGC, NET	
5	Dr.Sreelekshmi.S.K	Assistant Professor	MA, B.Ed, NET, PhD	11
6	Navoor Pareet	Assistant Professor	MA, B.Ed, NET	15
7	Lakshmi Priya .R.S	Assistant Professor	MA, B.Ed, NET,	07
8	Dr.Dhanya.S.Panicker	Assistant professor	MA, B.Ed, NET, PhD	11

### **Student progression, placement**

During the academic year 2021-2022, 11 students from our institution were placed in both government and private sectors. Additionally, 21 students from the B.A. classes secured admission for postgraduate studies, B.Ed., and other programs. Furthermore, 11 students from M.A. Malayalam class secured admission for B.Ed. programs. In terms of extracurricular activities, our institution has also achieved several accomplishments. Three students from the PG class won prizes in various inter-university sports events. Our third BA student, Amalnath.K, received the KALAPRATHIBHA Puraskar in the MG University Arts festival, winning several prizes in classical and non-classical dance forms. Moreover, three of our students participated and won second prize in Thiruvathira and drama fest. In literary competitions conducted by Kalamandalam, Sanghasabdam, and M N Paloor foundation, our MA student, Abhilash Kainikkara, achieved several prizes. Furthermore, another PG student, Panchami B P, won a prize in a literary festival conducted by Mathrubhumi Publications.

### **Infrastructure development of the department**

Our department boasts a well-equipped smart classroom that fosters interactive learning among students. In addition to this, our classrooms are well-furnished, spacious, and designed to uphold the heritage, culture, and tradition of the college. Furthermore, the department is proud to have a spacious and broad seminar hall that showcases photos of literary legends, adding to its charm and appeal. Whether it's the interactive smart classroom or the traditional seminar hall, our institution has a wide range of facilities that cater to the diverse needs of our students.

### **Research department**

Our department has a rich history of research, having been recognized as a research department by Mahatma Gandhi University in 1990. Today, we are proud to have 28 ongoing research projects, with the guidance of 9 experienced supervisors. Over the period of 2014-2020, 7 of our researchers were granted PhD degrees, attesting to the high quality of research carried out in our department. At present, we have 3 research guides in our department, namely, Dr. T. M Mathew, Dr. M. S Murali, and Dr. Sumy Joy Oliapuram. These guides are well-versed in their respective areas of expertise, and have made significant contributions to their fields through their research work. Our department continues to strive towards excellence in research, and we are confident that our guides and researchers will continue to push the boundaries of knowledge in their respective fields.

### **Seminars organised by the department**

The department of Malayalam has been actively engaged in organizing several national seminars during the academic year 2021-2022. The seminars have focused on a wide range of topics including contemporary poetry, cinema, postmodern poetry, and literary criticism. The seminars have been enriched by the presence of both national and international experts in these fields, who have shared their insights and experiences with our faculty and students. In addition to the seminars, the department has also conducted 10 webinars during this academic year, using Google Meet as the platform. The webinars have provided a great learning opportunity for our BA and MA students, who have benefitted immensely from the knowledge and expertise shared by the experts. These webinars have served as an excellent platform for our students to interact with experts in their fields, exchange ideas, and expand their knowledge beyond the classroom. Overall, the department is committed to providing our students with the best learning experiences, and these seminars and webinars are a testament to this commitment.

### **National web series**

During the period of COVID pandemic (2021-22), the department rose to the occasion and conducted a series of national and regional webinar series. The webinars conducted by the department are given below:

<b>Date</b>	<b>Title</b>	<b>No. of participants</b>
31/07/2021	Vicharam,Vinimayam,Samvadam-S Joseph	80
31/08/2021	Vicharam,Vinimayam,Samvadam-Dr.N.Ajayakumar	100
06/09/2021 - 08/09/2021	Folklore Webinar Series	125
30/09/2021	Vicharam,Vinimayam,Samvadam-K V Sasi	80
31/10/2021	Vicharam,Vinimayam,Samvadam- Dr.V J Varghese	80
29/11/2021	Vicharam,Vinimayam,Samvadam-Dr.J Devika	110
12/12/21	Vicharam,Vinimayam,Samvadam-M A Shinas	100
29/01/2022	Vicharam,Vinimayam,Samvadam- P Pavithran	80
21/02/2022	Vicharam,Vinimayam,Samvadam -K Sethuraman IPS	110

### **Other programmes organised by the department**

Every year our department conducts several talks, debates, commemorations of eminent personalities who had given their contribution to the society and literature. The programmes conducted by the department are given below:

13/06/2021	A Talk on Kathakali By Kalamandalam Gopiasan
19/06/2021	MOZHI-Literary club Inauguration
19/09/2021	Vayanadinacharanam
01/11/2021	Keralappiravidinaghosham
14/12/2021	Malayalam Association Inauguration

### **Best practices of the department**

Despite the challenging circumstances posed by the pandemic, the Department of Malayalam continued to uphold its commitment to providing quality education and fostering literary and cultural talent among students. To this end, the department conducted 10 National Webinars during the pandemic period, covering a diverse range of topics related to Malayalam language and literature. The webinars provided a much-needed platform for our students to engage with experts and scholars from across the country, and to learn about the latest developments and trends in their field. Furthermore, the department provided books and journals to the students to facilitate their learning and research. The faculty members worked tirelessly to ensure that the students had access to the necessary resources, despite the challenges posed by the pandemic. These resources not only helped the students with their academic pursuits but also enabled them to broaden their knowledge and understanding of the Malayalam language and literature.

In addition to the academic resources, the department also launched MOZHI, a platform designed to showcase the literary and cultural talent of our students. This platform enabled our students to showcase their creativity and talent in various forms of literature and art, including poetry, fiction, drama, and dance. Through MOZHI, the department was able to provide a platform for our students to express themselves and explore their creative potential, even in the midst of the pandemic. Overall, the Department of Malayalam has continued to demonstrate its commitment to providing holistic education and fostering the literary and cultural talent of our students, even in the face of adversity.

### **Training attended by students and teachers**

Teachers of department of Malayalam attended FDP during the academic year 2021-22. Details are given below.

#	Name of teacher	Name of FDP	Period	Topic
1	Dr. Sumi Joy Oliappuram	Refresher course	30/10/2021 12/11/2021	Malayalam and Kerala Studies
2	Dr. Mathew T.M	Refresher course	30/10/2021 12/11/2021	Malayalam and Kerala Studies
3	Dr. Julia David	Refresher course	30/10/2021 12/11/2021	Malayalam and Kerala Studies
4	Navoorpareeth	Refresher course	12/01/2021 25/01/2021	Media and art in teaching and learning
5	Lakshmipriya R. S	Orientation course	2/11/2020 1/12/2021	



6	Dr. Dhanya S Panicker	Refresher course	28/9/2020 11/10/2020	
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### xiii. Mathematics

The Department of Mathematics has made significant contributions to the institute and its students. Its members have shown support by actively participating in various institutional committees such as IQAC, NIRF, Website, SWAYAM MOOCs, Daycare, Research, Tourism, Examination, PTA Executive, Discipline, and Placement Cell. The pass percentage for M.Sc Mathematics stands at an impressive 90%, while for B.Sc Mathematics, it is 75%. Furthermore, the department has successfully revised the syllabus for postgraduate programs during this academic year. In response to the COVID-19 protocols, the Department of Mathematics promptly adopted online teaching and learning methods at the start of the academic year. To ensure regular assessment, the department conducted unit tests on the Google platform. Students' marks were evaluated based on their performance in class interactions, submission of assignments, presentations, online exams, and viva. As the situation improved, all classes were gradually shifted to offline mode. Student assessments were carried out through internal exams, assignments, and seminars. The department has continuously strived to provide quality education and adapt to the evolving circumstances for the benefit of its students.

Academic programmes offered by the department at present

#	Programmes	Number	Course
1	UG	01	B.Sc Mathematics( 3 Year)
2	PG	01	M.Sc Mathematics(2 Year)
3	Ph.D.	01	Mathematics
	Total	03	

Details of approval/recognition and recommendations issued by the statutory body

Sl No	Course	Approval Date
1	B.Sc Mathematics	1931
2	M.Sc Mathematics	1951
3	Ph.D.	2019

## Details of Revision of syllabus

#	Programme	Last date of revision
1	B.Sc Mathematics	2020
2	M.Sc Mathematics	2022
3	Ph.D.	-

Sanctioned Posts in the department : 8 (Eight) Filled Posts in the Department : 8 (Eight) Number of permanent faculty : 8 (Eight)

## Details of Latest Bio data of Faculty in the Department

#	Name of Faculty	Designation	Biodata updated date
1	Dr. Bloomy Joseph	Associate Professor	28 Jan 2021
2	Dr. Jaya S	Associate Professor	27 Jan 2021
3	Dr. G.N Prakash	Associate Professor	29 Jan 2021
4	Ms. Jaya Augustine	Assistant Professor	29 Jan 2021
5	Ms. Thasneem T R	Assistant Professor	28 Jan 2021
6	Ms. Jis Mary Jose	Assistant Professor	29 Jan 2021
7	Sreeja K U	Assistant Professor	29 Jan 2021
8	Mr. Sreeraj K S	Assistant Professor	28 Jan 2021

## Faculty profile with name, qualification, designation

Name of Faculty	Qualification	Designation	Specializations	Experience	research students under guidance
Dr. Bloomy Joseph	M.Sc., B.Ed., M.Phil, Ph.D, NET	Associate Professor	Topology, Fuzzy Set theory, Graph Theory, Algebra	17 Years	6
Dr. Jaya S	M.Sc., B.Ed., Ph.D, NET	Associate Professor	Stochastic Processes, Queuing theory, Linear algebra, Differential equations	17 Years	-
Dr. G N Prakash	M.Sc, NET, Ph.D	Associate Professor	Semi Ring Theory	17years	

Ms. Jaya Augustine	M.Sc., NET	Assistant Professor	Graph Theory, Analysis	16 Years	-
Ms. Thasneem T R	M.Sc., NET	Assistant Professor	Graph Theory	11 Years	-
Ms. Jis Mary Jose	M.Sc.,NET	Assistant Professor	Topological Spaces, Graph Theory, Mathematical Analysis	10 Years	-
Ms. Sreeja K U	M.Sc., NET	Assistant Professor	Graph Theory Fractals,	9 Years	-
Mr. Sreeraj K S	M.Sc., M.Phil,NET	Assistant Professor	Graph Theory	7 Years	-

#### Record of each of Seminar/ Conference/Workshop organized and the source offunding

Title	Date	Coverage	Funding Agency	Number of Registered Participants	Coordinator
National Webinar Series 2021-2022 “Mathematics of face Recognition” handled by Dr. Sreekanth Raja, Scientist , NPOL Kochi	Nov 6, 2021		---		

#### Student Progression

Sl. No.	Name of student enrolled for higher education	Programme completed	Name of institution joined	Name of programme admitted to
1	Kavya M.S	B.Sc Mathematics	Central University, Kasargode	M.Sc Mathematics
2	Aravind P C	B.Sc Mathematics	CUSAT, Kochi	M.Sc Computer Science with specialisation in Data Science
3	Anuja Sajeevan	B.Sc Mathematics	Marthoma College, Thiruvalla	M.Sc Data Analytics
4	Suhana S M	B.Sc	NEWMAN College,	M.Sc Mathematics

		Mathematics	Thodupuzha	
5	Anju V. B	B.Sc Mathematics	Kerala University, Thiruvananthapuram	M.Sc Mathematics
6	Anjana Shilbu	B.Sc Mathematics	School of Technology and applied sciences, Edappally	<u>M.Sc Computer Science</u>
7	Anumol T.S	B.Sc Mathematics	Maharajas College, Ernakulam	<u>M.Sc Mathematics</u>
8	Gopika Venugopal	B.Sc Mathematics	Maharajas College, Ernakulam	<u>M.Sc Statistics</u>
9	Adhil K. A	B.Sc Mathematics	Maharajas College, Ernakulam	M.A Economics
10	Shereefa C.S	B.Sc Mathematics	Dr. Palpu Memorial SNDP Yogam College of Education	B.Ed
11	Jifna	B.Sc Mathematics	Al Ameen College, Edathala	M. Sc Mathematics
12	LEKSHMIPRIYA T.S	M.Sc Mathematics	St. Joseph College of teacher Education	B.Ed
13	MEGHA P JOHN	M.Sc Mathematics	St. Joseph College of teacher Education	B.Ed
14	SNEHA K A	M.Sc Mathematics	St. Joseph College of teacher Education	B.Ed
15	RESHMA FRANCIS	M.Sc Mathematics	St. Joseph College of teacher Education	B.Ed
16	ALIN C	B.Sc Mathematics	CMS College, Kottayam	M.Sc Mathematics
17	AYANA KRISHNAN M U	B.Sc Mathematics	CMS College, Kottayam	M.Sc Mathematics
18	KAVYA V A	B.Sc Mathematics	Govt. Arts College, Thiruvananthapuram	<u>M.Sc Statistics</u>
19	Aswathy M	B.Sc Mathematics	MES College, Nedunkandam	<u>M.Sc Operations Research and Computer application</u>
20	Jijin K	B.Sc Mathematics	National Forensic Sciences University, Delhi	M A Criminology
21	Samia A A	B.Sc Mathematics	Christ College, Irinjalakkuda	<u>M.Sc Statistics</u>
22	Devika T A	B.Sc Mathematics	Devamatha college, Kuravilangad	M.Sc Mathematics

# Student Enrollment details

I B.Sc Mathematics [ 2021 Admission]

Number of position																								
Category	General			EWS category(Out of general category)				Scheduled Caste(SC)				Scheduled Tribe(ST)				Other Backward Classes (OBC)				Total				
	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans
Total	17	17 + 1	15	0	3	2	0	0	5	4	4	0	2	1	0	0	6	6	4	0	31	31	23	0
PWD(Out of total)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Muslim Minority (Out of total)	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	9	9	8	0
Other Minority (Out of total)	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	3	0	9	9	5	0

# I M.Sc Mathematics [ 2021 Admission]

Number of position																								
Categ ory	General Category				EWS category(Out ofgeneral category)				Scheduled Caste(SC)				Scheduled Tribe(ST)				Other Backward Classes (OBC)				Total			
	Seats	Total	Female	Trans gender	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans	Seats	Total	Female	Trans gender	Seats	Total	Female	Trans
Total	11	11	9	0	2	2	2	0	3	3	3	0	1	1	0	0	5	5	5	0	22	22	19	0
PWD (Out of total)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Muslim Mino rity (Out of total)	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	4	4	3	0
Other Mino rity (Out of total)	4	4	3	0	1	1	1	0	0	0	0	0	0	0	0	0	3	3	3	0	8	8	7	0

Present details of infrastructural facilities in the department

Department Library enriched with rare collection of historical mathematics books and one computer with internet connection

Four classrooms and one seminar hall cum classroom. Among them one is smart classroom.

ICT enabled research cum Reader's room

A computer lab consisting of 7 computers with internet connection

In the staff room, 3 desktop computers, three laptops and two printers.(including HOD room)

A portable projector, two mike set ( one is codeless), a portable podium, a water purifier, a camera and a smart TV in the department

Publications by faculty

Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
Dr. Jaya S	Queues with interruption in Markovian Environment	Journal of Mathematical and Computational Science J. Math. Comput. Sci. 11 (2021), No. 4, 4753-4765)	2021	1927-5307
Dr. Jaya S	Stochastic Decomposition of the M/M/1 Queue with Environment Dependent working vacation	Journal of Mathematical and Computational Science (J. Math. Comput. Sci. 11 (2021), No. 6, 8008-8020)	August, 2021	ISSN: 1927-5307
Dr. Bloomy Joseph and Pournamy M		Journal of Mathematical and Computational Science (J. Math. Comput. Sci. (2022),	September 2021	ISSN: 1927-5307

Details of teachers who have undergone (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short- Term Course, etc.)

Name of Teacher who attended the programme	Title of the programme	Duration (from - to) (DD-MM-YYYY)
Ms.Viji C.B	Managing Online Classess & Co-creating MOOCs7.0	05-08-2021 to 19-08-2021
	FDP -Edu. Tech Hands-on Online Workshop	23-06-2021 to 28-06-



Dr. Pramod P.K		2021
Dr. Pramod P.K	Refresher Course on Teacher and Teaching in Higher Education (Swayam ARPIT Course)	01-12-2021 to 31-03-2021 (Exam held on 21-08-2021)
Dr. Pramod P.K	Refresher Course in Mathematics	31-08-2021 to 14-09-2021
Thasneem T R	Managing Online Classess & Co-creating MOOCS7.0	05-08-2021 to 19-08-2021
Sreeraj K.S	Refresher Course in Mathematics	31-08-2021 to 14-09-2021
Dr. Prakash G. N	Online Hands-on Training on Learning Management System(Moodle)	22-09-2021 to 27-09-2021
Thasneem T.R	Refresher Course in Mathematics	04-02-2022 to 17-02-2022

### Research Department

The Department is upgraded as a Research Centre under Mahatma Gandhi University, Kottayam, in the year 2019. In the academic year 2021-22, 6 research guides were there in this department and 12 research scholars also.

### xiv. Philosophy

The department of philosophy has a long and illustrious history, having been established in the year 1965. Over the years, the department has made significant contributions to the field of philosophy, both in terms of research and teaching. The department started offering an undergraduate course in philosophy in the year 1965, and later introduced a postgraduate course in the year 1973. In recognition of its outstanding research contributions, the department was upgraded to a research centre under Mahatma Gandhi in the year 1995, a proud moment for the department and the institution as a whole. Despite the challenges posed by the COVID-19 pandemic, the academic and non-academic activities of the department continued actively in the year 2021-22. The department responded quickly and efficiently to the situation by conducting classes through online mode up to September 2021, using various kinds of learning management systems to make the classes more effective in online mode. From 4th October 2021 onwards, the department resumed offline classes, ensuring that all necessary safety protocols were in place. In response to the pandemic, the department also adopted an asynchronic mode in learning and teaching, which proved to be highly effective in engaging students and facilitating their learning. Despite the challenges posed by the pandemic, all faculty members and students of the

department actively participated in all activities of the department during the period, showcasing their resilience and commitment to the pursuit of knowledge.

### **Result analysis of final year UG and PG**

The analysis of the results of the Bachelor of Arts (BA) and Master of Arts (MA) exams for the academic year 2021-22 reveals an impressive performance by the students of the department. The dedication and hard work of both the students and the faculty have resulted in excellent results, with many students performing exceptionally well. In the MA exams, a total of 16 students appeared, out of which 12 students have passed, resulting in a pass percentage of 75. The top three positions in the MA exams were secured by Albin Kurian, Jincy Joseph, and Anjana K.G., respectively. These students have showcased their commitment to academic excellence, and their exceptional performance is a testament to their hard work and dedication. In the BA exams, a total of 43 students registered for the examination, out of which 24 students passed, resulting in a pass percentage of 55.81. The top three positions in the BA exams were secured by Sidhart Sreenivas, Snehananda K.P., and Husna K., respectively. These students have displayed a remarkable level of proficiency and dedication, and their performance reflects the high standards of teaching and learning in the department. The excellent results are a testament to the hard work and dedication of the students, as well as the unwavering commitment of the faculty to providing quality education and training. The department congratulates all the successful students on their achievements and wishes them all the best for their future endeavours.

### **Webinar**

The department, in association with the IQAC, organized a thought-provoking and enlightening international webinar on the topic of "Philosophy of Bhagavad Gita- Relevance in 21st Century" from March 29th to 30th 2022. The webinar was aimed at exploring the timeless teachings of the Bhagavad Gita and its relevance in the contemporary world. Dr. Jijo Panjikaran, the head of the department of philosophy, served as the coordinator of the program, lending his vast experience and knowledge to the event. The webinar was graced by the presence of numerous distinguished scholars from both the national and international levels, who shared their insights on the subject, enriching the discussion. The event saw a diverse audience consisting of faculty members, research scholars, and students from various departments, actively participating in the engaging discussions and sessions. The webinar provided a unique platform for the exchange of ideas and thoughts, furthering the academic and intellectual growth of all participants.

### **Quality Initiatives for the Students**

*Cogito* is a dynamic platform created by the students of the department to facilitate academic and non-academic activities, including engaging discussions and debates on various contemporary social issues. The primary goal of this initiative is to foster a sense of awareness and understanding of the challenges and opportunities that shape our world today. *Cogito* serves as a space where students can interact with one another and develop a deeper appreciation of the complexities of the social, political, and cultural issues that shape our lives. This platform provides a valuable opportunity for students to engage in critical thinking, to develop their research skills, and to explore their passions in a supportive

and collaborative environment. By promoting dialogue and discourse, *Cogito* seeks to inspire students to become active agents of change and to contribute to the betterment of society in meaningful and impactful ways.

#### **Best Practice of the Department**

Discussion on ethical values is one of the primary areas of investigation of department of philosophy. The department consider environmental ethics and eco-philosophical studies as important as other fields of philosophy. Both UG and PG syllabus structured in such a way which includes environmental ethics and eco-philosophy. The Department celebrated environment day on June 5<sup>th</sup> and conducted a lecture on “Mannum Manushyanum” Dr. Gasper K.J, Assistant Professor, Department of Philosophy, Govt. Women’s College, Thrivandrum delivered the lecture.

#### **Alumni engagement of the department**

The department of philosophy has always had the support of its alumni, who have played a pivotal role in shaping and strengthening the department's activities. To ensure the continued support and engagement of its alumni, the department has established a robust alumni program, with Nobel P.S serving as the department-level convenor. On the 4<sup>th</sup> of December 2021, the department held a meeting with its alumni, which was attended by a large number of former students. During the meeting, the alumni generously extended their physical and financial support to various departmental activities, including research projects, seminars, and workshops. The alumni also shared their valuable insights and experiences, which will undoubtedly benefit the current students of the department. The department is deeply grateful for the continued support and involvement of its alumni, which has played a critical role in enhancing the academic and research culture of the department.

#### **Progress of Research**

The department of philosophy has been established as a renowned research centre under MG University since 1995. Over the years, the department has been thriving in research activities, and currently, there are three research guides who provide guidance and supervision to the research scholars. The department takes pride in hosting a total of six research scholars in the academic year 2021-22. As per university regulations, the department conducts bi-annual review meetings to assess the progress of each research scholar. The review committee closely monitors and evaluates the research work of each scholar, provides feedback and suggestions for improvement, and helps them to stay on track towards completing their research work in a timely and effective manner. The department is committed to providing a conducive research environment and ample resources to ensure that the research scholars excel in their research pursuits and contribute to the growth and development of the field of philosophy.

## **xvi. Physics**

The department of physics at our college has a rich and storied history, having been established along with the college itself in the year 1875. Since then, the department has grown and evolved, responding to the changing needs and demands of the academic landscape. In the Golden Jubilee Year of the college, in 1925, the department started offering undergraduate programs in Physics. This marked a significant milestone in the department's history, as it expanded its academic offerings and opened up new opportunities for students to pursue their interests and careers in physics. Over the years, the department continued to expand and innovate, with postgraduate programs starting in the year 1957. In recognition of its excellence in research and teaching, the department was raised to the status of a research centre in 1991, further solidifying its reputation as a centre of academic excellence. In 1996, the department launched a New Generation Vocational course in BSc Physics - Instrumentation, recognizing the growing demand for skilled professionals in the field of instrumentation and related industries. The course has been highly successful in preparing students for careers in this field, providing them with the necessary skills and knowledge to succeed in a rapidly changing and technologically advanced world.

In 2002, the department came under the sponsorship of the DST-FIST program, which provided additional funding and support for research and infrastructure development. This enabled the department to enhance its research capabilities and attract some of the best and brightest students and faculty members from across the country. More recently, in 2010-11, the research laboratories of the department were renovated and equipped with state-of-the-art facilities and equipment, further enhancing the department's research capabilities and providing students with a world-class learning experience. Overall, the Department of Physics at our college has a proud history of excellence in research, teaching, and innovation, and continues to be at the forefront of cutting-edge developments in the field of physics.

### **Programmes offered**

The department offers two undergraduate programmes, one postgraduate programme and research leading to the degree of Ph.D.

1. B. Sc. Physics
2. B. Sc. Physics instrumentation
3. M.Sc. Physics
4. Ph. D. in physics

B.Sc. Physics and M.Sc. Physics are regular programmes while B.Sc. Physics instrumentation is a cost-sharing programme.

The student strength of I B Sc Physics is 42.

The student strength of I M Sc. Physics is 25.

The student strength of I B Sc Physics Instrumentation is 30.

The PG Programme M Sc PHYSICS is offered in two streams.

M Sc with specialization in Theoretical Physics

M Sc with specialization in Applied Physics.

**Result analysis**

Class	Number of students appeared for the exam	Number of students passed	Number of students secured first class	Name of the Class Topper
M Sc Physics	17	14	13	Bincy Maria P B
B Sc Physics(model I)	45	33	31	Pravada H
B Sc Physics Instrumentation(model III)	30	18	5	Dilsha Manjeesh

**Faculty**

There are 14 permanent teachers handling the regular B. Sc. and M.Sc. Physics programmes and 7 Guest Faculty for handling the cost sharing B. Sc. Physics Instrumentation Course. The department is fortunate to have Dr. E M. Mohammed as Emeritus Scientist of KSCSTE, who is leading the Research Activities of the Department. In addition to the core courses, the department offers complementary courses to UG students of Chemistry and Mathematics Departments.

**Permanent faculty**

#	Name	Designation	Educational Qualification	Teaching Experience in Years
1	Dr. Zeenath N A	Assistant professor	M Sc, Ph.D	11
2	Robin Francis	Assistant professor	M Sc, NET, B Ed	17
3	Sreeja R	Assistant professor	M Sc, NET, B Ed	15
4	V Sheeja	Assistant professor	M Sc, NET	15
5	Dr. Sivakumar C.	Associate professor	M Sc, NET , Ph.D	20
6	Viji C	Assistant professor	M Sc, M. Phil., NET	14
7	Sheeba P. X	Assistant professor	M Sc , M. Phil, B Ed.	11
8	Dr. Rekha S	Assistant professor	M Sc , B. Ed., NET, M. Phil, Ph D	11
9	Dr Gishamol Mathew	Assistant professor	M Sc , NET, Ph. D	13
10	Dr Manoj R	Assistant professor	M Sc , Ph.D	8
11	Dr. Wilson K C	Assistant professor	M Sc, NET, Ph.D	14
12	Mary Linsa K S.	Assistant professor	M Sc., NET	12
13	Prasad K A	Assistant professor	M Sc., NET, B Ed	5
14	Sajeev K.F.	Assistant professor	M Sc., NET	5

### Guest faculty

#	Name of Faculty	Designation	Educational Qualification
1	Vanitha S	Guest Lecturer	B E Instrumentation
2	Neethu M J	Guest Lecturer	M Sc PHYSICS
3	Jinnu Jesurya	Guest Lecturer	B Tech Electronics
4	Sanjana Mahesh D	Guest Lecturer	M Sc PHYSICS
5	Ramcy	Guest Lecturer	M Sc PHYSICS
6	Haritha Krishna	Guest Lecturer	B Tech Instrumentation
7	Anila Zacharia	Guest Lecturer	M A English

### Student progression and placement

Thirty final year students have gone for higher studies and the six students got placement in reputed institutions.

### Seminars organized by the department

The Department conducted five seminars. Dr E M Mohammed, Dr. N Shaji, Ms. Akhila D, Ms. Sruthy K S and Dr. Sreekala P P. were the speakers for the seminars. On an average more than 45 students participated in the webinars.

### Quality initiative for the students

A state-wide Social media literacy program was organized with the objective of equipping students with the necessary skills to safely and effectively navigate the digital world. The program's Level 1 training was conducted on March 8, 2022, specifically for the department coordinators, namely Sanjay K S, Salih C S, and Fentona Celine. The training session covered various aspects of social media literacy, such as identifying reliable sources of information, understanding privacy and security settings, and evaluating the credibility of online content. Following the successful completion of the training, these department coordinators took on the responsibility of conducting a session for all the students in their department on the same day. During the session, they imparted the knowledge and skills they had acquired to their students, guiding them on how to safely and effectively use social media platforms. The coordinators emphasized the importance of being responsible digital citizens and using social media platforms in a manner that positively impacts their personal and professional lives. Overall, the Social media literacy program was a great success, as it empowered students with essential skills that will help them navigate the complex world of social media and online communication in a safe and responsible manner.

### Academia- Industry interaction

As a part of on job training, thirty BSc Physics Instrumentation students completed two weeks training programme from 8<sup>th</sup> December 2021 to 24<sup>th</sup> December 2021 at Keltron Controls in the neighbouring district of Alappuzha.

### Research promotion initiatives

As part of their academic program, final year BSc and MSc students were required to undertake a project. Students were given the freedom to choose their supervisors for the project. One MSc student, Sreehari A, chose to work under the guidance of Dr. Anand Narayanan, a distinguished professor in the Department of Earth and Space Sciences at the Indian Institute of Space Science and Technology (IIST) in Thiruvananthapuram. Under the expert guidance of Dr. Narayanan, Sreehari A completed his project with exceptional results. Dr. Narayanan provided invaluable support and mentorship, guiding Sreehari A throughout the project and helping him navigate any challenges that arose. Dr. Narayanan's vast experience in the field of Earth and Space Sciences proved instrumental in shaping the direction of the project and ensuring its success. The project served as a valuable learning experience for Sreehari A, helping him gain a deeper understanding of the subject matter and develop critical research skills. Working with a renowned professor like Dr. Narayanan was an enriching experience for Sreehari A, and the knowledge and skills he acquired will undoubtedly prove invaluable in his future academic and professional endeavours.

#### **Publications by students and faculty**

Two faculties published their research papers in different well respected journals. A total of four papers were published by the members of the faculty in the year 2021-22.

#### **Alumni engagement**

The Physics Alumni Association MAPS recently held an online Alumni reunion on December 11, 2021. The event was a resounding success, with alumni from various batches coming together to reminisce and reconnect with their peers. One of the highlights of the event was the Seventh Dr. Sathy Menon Memorial Technical Lecture, which was delivered by Dr. Sreedevi Varma N, a Research Scholar at King's College, London. Dr. Varma's lecture, titled 'Introduction to Machine Language and Its Applications,' was well-received by the audience, who found it informative and thought-provoking. During the event, Fany Pallan Endowments were distributed to top-scoring undergraduate students, while Sathy Menon Memorial Endowments were presented to the best-scoring postgraduate students. These endowments served as a testament to the outstanding academic achievements of these students and motivated them to continue pursuing excellence in their academic pursuits.

In association with the department of physics, MAPS also organized two online lectures on 'On Some Paradoxes and Puzzles in Physics' by Dr. N Shaji, Adjunct Faculty at CUSAT, and 'Nanomaterials and Its Modern Applications' by Dr. E M Muhammed, Emeritus Scientist at M G University. The lectures were well-attended, and students found them both informative and engaging. During the year 2021-22, an amount of Rs. 18,200/- (Rupees Eighteen Thousand Two Hundred Only) was distributed among students as scholarships and awards. These scholarships and awards not only recognized outstanding academic performance but also served as an incentive for students to strive for excellence in their academic pursuits. Largely, the Alumni Reunion was a grand success, bringing together alumni from different batches and providing a platform for them to reconnect and engage with one another. The technical lecture and online lectures on physics topics were informative and enriching, while the



distribution of scholarships and awards recognized the hard work and dedication of outstanding students.

### **Best practice of the department**

The following programmes were conducted By the department of physics at the institutional level:

- (1) A Seminar on ‘Frequent floods in Kerala: Climate Change ‘ was conducted in association with IQAC on 29/01/2022.
- (2) Hawking memorial lecture on ‘Eye in the Sky’ by Sruthy K S On 11/02/2022
- (3) Hawking memorial lecture on ‘Tribute to TP’ by Akhila D on 04/03/2022
- (4) A media literacy awareness programme “Satyameva jayathe” for the students of the department on 08/03/2022

### **Add-on courses**

Two add-on courses were conducted by the department. Sixteen students from the department benefited from programming in MatIaB and another 15 students got proficiency in using LaTeX.

### **MOUS**

As a part of exchange of information related activities and to promote the interaction of students and faculties, the department is prevailing an MoU with MES College, Marampally.

### **Training programmes attended by teachers and students**

Name	Programme	Duration	Agency
Dr Zeenath N A	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Robin Francis	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Sreeja R	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Sheeja V	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
	One week Faculty Development Program on ‘The Art of Framing Questions- Applying Bloom’s Taxonomy’.	7th to 12th June 2021	MGU & IQAC Sree Sankara Collge, Kalady
Dr Sivakumar C	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC

DR Gishamol Mathew	Two-Week Interdisciplinary Refresher Course 'Advanced Research Methodology 2.0'	17 June - 01 July, 2021	TLC Ramanujan College
	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Sheeba P X	One week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Mary Linsa K S	National two week online Refresher/FDP Program on Structural Analysis using Reitveld Refinement, Microscopic and Compositional Analysis.	29th september to 13 th October 2021	GADTLC
	one week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Dr Rekha S	Refresher course on 'Recent Advances in Physics'	10th to 24th July 2021	MGU& Marthoma College, Perumbavoor
	one week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
	one week Faculty Development Program on 'The Art of Framing Questions- Applying Bloom's Taxonomy'.	7th to 12th June 2021	MGU & IQAC Sree Sankara Collge, Kalady
	FDP on Python 3.4.3	1 st July 2021 to 7 th July 2021	Spoken Tutorial,IIT Bombay
	International Online Conference on Materials Science and Technology (ICMT 2021) Kottayam	12th November 2021 to 14 th November 2021	MGU& GDANSK university of Technology, Poland
	One Week (7 Days) online Short-Term Faculty Training Programme (Interdisciplinary) on "Digital Content Management	June 13th to June 19th of 2021	SNCW kollam& KSHEC

	on E-Learning'		
Dr Manoj R	one week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Viji C.	one week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC
Dr Wilson K C	Online FDP on Learning Management system (Moodle) & Course Design	1st September to 6th September 2021	Faculty Development Centre, KSHEC
	one week Online Hands-on Training on Learning Management System (MOODLE)	22nd to 27th September 2021	KSHEC

**Programmes organized by the department**

1.	Demonstration of Stellarium & Sky watch	Dr. N. Shaji & P. S. Sobhen	May 6 <sup>th</sup> , 2022
2	Hawking Memorial lecture 1: EYE IN THE SKY	Sruthy K S	February 11 <sup>th</sup> , 2022
3	Hawking Memorial lecture 2: TRIBUTE TO TP	Akhila D	March 4 <sup>th</sup> , 2022
4	Frequent floods in Kerala: A climate change perspective	Dr. Sreekala P. P.	January 29 <sup>th</sup> , 2022
5	Nanomaterials & its modern applications	Dr. E. M. Mohammed	November 24 <sup>th</sup> , 2021
6	On some paradoxes and puzzles in Physics	Dr. N .Shaji	November 26 <sup>th</sup> , 2021

## xvii. Political Science

The department of political science was established in 1950, the same year when Maharaja's College celebrated its diamond jubilee. Initially, Political Science was included as one among the key subjects in the Pre-Degree programme. The department was granted Bachelor Degree programme in Political Science in 1964. Graduation in political science, blended with two complementary subjects; history and economics, opens up to the students a vast array of opportunities to help shaping their career in the fields of Teaching, civil services, public policy analysis, law etc. A Political Science degree not only offers theoretical knowledge and intellectual background required to gain academic and administrative jobs, but it also enables the students to assimilate democratic values and secular outlook to assist them to offer meaningful contributions to the society. The department started offering Master's programme in Political Science in 1970. The curriculum of the post-graduate programme is developed with a view to provide advanced knowledge in Political Science on the one hand and to give training and guidance to students in developing research skills on the other. In addition, the department gives ample facilities for the students to prepare for competitive examinations. The department has contributed a good number of teachers, civil servants, researchers, journalists, politicians etc. to the country. In 2009 the department was elevated as a Research Centre under Mahatma Gandhi University, Kottayam. Under the able guidance of four research supervisors, sixteen scholars are currently pursuing research on various subjects including environmental politics, political theory, transgender studies, policy studies etc.

### Teaching and Learning-Faculty

Details Regarding Teaching Posts Sanctioned and Filled	
No. of Posts Sanctioned	No of Posts Filled
8	8

Faculty	Gender	Ph D	M Phil	NET	Nature of Appointment
Dr Surya Aravindakshan	Female	YES	YES	NET	REGULAR
Dr Satheese Chandra Bose	Male	YES	YES	NET	REGULAR
Dr JobyVerghese	Male	YES	YES	NET	REGULAR
Dr Reshmi H Fernandez	Female	YES	NO	NET	REGULAR

Mr Antony Dawson D'silva	Male	DOING	YES	NET	REGULAR
Dr Priyesh C U	Male	YES	NO	NET-JRF	REGULAR
Mr Firosekhan S .N.	Male	NO	NO	NET	REGULAR
Ms Jumanath P J	Female	DOING	NO	NET	REGULAR

#### **Enrolment Details-Course wise**

Programme Name	Programme Code	Number of seats sanctioned	Number of Students admitted
BA POLITICAL SCIENCE	MCUSSPO18	58	58
MA POLITICAL SCIENCE	MCPSSPO18	28	28

#### **Events organized by the Department in connection with International Day/ National Events during the year**

The department of political science has been actively organizing academic activities to promote awareness and understanding of constitutional values and human rights among the student community. This year, the Department has planned two special invited talks in connection with the Constitutional Day and Human Rights Day. These talks will provide students with an opportunity to engage with experts in the field and deepen their understanding of these important topics. In addition to these talks, the Department has also initiated various student-led programs, including an inter-departmental quiz competition, elocution competition, and mobile photography contest in connection with the Human Rights Day celebration. These programs have helped to sensitize the student community about their rights and the importance of democratic values. To further improve the impact of these programs, the Department could consider collaborating with other institutions and organizations to bring in a wider range of perspectives and expertise. Additionally, the Department could focus on developing more interactive and engaging activities that allow students to actively participate in discussions and debates on these topics. Overall, the Department's efforts to promote awareness and understanding of constitutional values and human rights are commendable, and with further improvements, they can continue to inspire and educate the next generation of leaders in the field.

#	Title	Programmes	Year

1	Bharanagadana: Indian republicinte athijeevana charithram	Special Invited Talk by Adv. V.N. Haridas	November 26, 2021
2	Maadhyamangallum Manushyaavakaashavum	Special Invited Talk by T.M. Harshan	December 20, 2021

**Details of chapters in edited volumes / books per teacher during the year**

Sl. No.	Name of the Teacher	Title of the Book published	Title of the Chapter published	ISBN of the Book/Conference Proceeding, Publisher
1	Dr. RESHMI H FERNANDEZ	Covid-19 pandemic and the new normal: The Indian scenario(ed. C. Vinodan, Rajeev M.M., Anju Lis Kurian)	The Impact of Covid-19 on Rights of the Children: The Kerala Context	ISBN- 978-620-2-30058-2 Publisher-Scholar's Press, Republic of Moldova, Europe
2	Dr. PRIYESH C U	Battling the Prejudice: Unfurling the Menace to Human Rights(ed. R. Janathakumari, M.R.Meera, T. Anitha)	Condition of Destitute Children in Kerala: Study from a Human Rights Perspective	ISBN-978-93-90981-29-8 Publisher-Indus Scrolls Press, New Delhi

**Students' progression to higher education**

#	Name o	Programme completed	Name of institution joined& Course Joined	Name of programme admitted to
1	VISMAYA VIJAYESH	BA POLITICAL SCIENCE	CALICUT UNIVERSITY, THENJIPPALAM-MA Political Science	MA INTERNATIONAL RELATIONS AND POLITICS
2	NADIA K JOSEPH	BA POLITICAL	MG UNIVERSITY, KOTTAYAM- MA	MA INTERNATIONAL

		SCIENCE	Political Science	RELATIONS AND POLITICS
3	SANDRA MARIYA	BA POLITICAL SCIENCE	MAHARAJA'S COLLEGE, ERNAKULAM- MA Political Science	MA POLITICAL SCIENCE
4	CHIPPY K RAJESH	BA POLITICAL SCIENCE	MAHARAJA'S COLLEGE, ERNAKULAM- MA Political Science	MA POLITICAL SCIENCE
5	REVATHY BABU	BA POLITICAL SCIENCE	MAHARAJA'S COLLEGE, ERNAKULAM- MA Political Science	MA POLITICAL SCIENCE
6	CHANDANA V P	BA POLITICAL SCIENCE	CALICUT UNIVERSITY, THENJIPPALAM- MA Political Science	MA INTERNATIONAL RELATIONS AND POLITICS
7	ANEES ALI POOVATTIL	BA POLITICAL SCIENCE	CALICUT UNIVERSITY, THENJIPPALAM- MA Political Science	MA INTERNATIONAL RELATIONS AND POLITICS
8	ANJUSHA A	BA POLITICAL SCIENCE	MG UNIVERSITY, KOTTAYAM- MA Political Science	MA INTERNATIONAL RELATIONS AND POLITICS
9	SHERINA PREETHA R	MA POLITICAL SCIENCE	TEACHERS EDUCATION COLLEGE, TRIPUNITHURA-B. Ed	B. Ed.
10	VISMAYA P	MA POLITICAL SCIENCE	TEACHERS EDUCATION COLLEGE, KERALA UNIVERSITY-Bed.	B. Ed.
11	SADIQUEALI	MA POLITICAL SCIENCE	TEACHERS EDUCATION CENTRE, CALICUT-Bed.	B. Ed.
12	AJAY NATH KS	MA POLITICAL SCIENCE	COLLEGE OF TEACHER EDUCATION MUVATTUPUZHA	B. Ed.

**Competitive Examinations Qualified by our Students during the year**

Registration number/Roll number for the exam	Examination	Name of the Student who cleared the exam
KL07000999	NET	ALTHAF RAHMAN C
213844	K TET	ARYA T CHANDRAN

**Result Analysis of PG (CSS) Examination 2021-2022(2020 Admn.)**

NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS %	A+	A	B+	B	C	D
25	19	76%	3	5	8	3		
PASSED IN SUPPLIMENTARY								

EXAMINATIONS								
		76%						

### **Result Analysis of UG (CBCSS) Examination 2021-2022(2019 Admn.)**

UG (C.B.C.S.S) 2021-22 RESULT ANALYSIS						
NO. OF STUDENTS APPEARED	NO. OF STUDENTS PASSED	PASS %	Above 80%	60-80%	50-59%	49% to Pass
47	24	51%	3	20	1	0
PASSED IN SUPPLIMENTARY EXAMINATIONS	2			2		
		55%				

### **List of Research Scholars**

Sl. No.	Reg No & Year	Name	Topic	Research guide	Part time/full time
1	8704/2018	Namitha Mohan	Women and Leadership at the Local Level: A Comparative Study of Lakshadweep and Malappuram District in Kerala	Dr M V Sivakumar	Full time
2	8704/2018	Sivimol T	Politics and Identity: Role of Dalit Movements in Kerala	Dr M V Sivakumar	Part Time
3.	8704/2018	Ashar S	Differently Abled People and Political Participation in Kerala	Dr M V Sivakumar	Part Time
4	446/2019	Soumya M	Role of NGOs in Solid Waste Management:	DrJobyVerghese	Full Time



			A Case Study with Special Reference to Ernakulam District		
5	447/2019	ShifaMariyam P K V	IslamicFeminism and Political Participation of Muslim Women in Iran	Dr. JobyVerghese	Full Time
6	448/2019	Jumanath P J	Empowerment and Social Inclusion: A Study on Muslim Women Organisations in Kerala	DrJobyVerghese	Part-Time
7	442/2019	Anagh	Transitions and Transformations in Life world : Transgender Community and the State Policy for Trnasgenders in Kerala , 2015	Dr K M Sudhakaran	Full time
8	443/2019	Adeeb T H	Dialectics of Regionalism in the State politics of South India	Dr K M Sudhakaran	Part Time
9	444/2019	Sruthy P Mohanan	Human Rights and Social Security of Migrant Labourers in Kerala : A Study with Special Reference to Kerala	Dr K M Sudhakaran	
10	445/2019	Ayyappadas J	Green Politics Eco-Socialism and environmental conservations in western Ghats: A Study of Idukki District in Kerala.	Dr K M Sudhakaran	Full Time
11	463/2019	Adoney T John	Order of Transposition from	DrJobyVerghese	Full Time

			welcome Culture to welcome Limits: A German Cynosure		
12	6714/ 2019	Sony Achamma Thomas	Indo-Japan Relations in the Changing Dynamics of Indo- Pacific Region	Dr M V Sivakumar	Part- Time
13	389/2021	Firosekhan S N	Paradigms in Conflict: The Supreme Court Verdicts and Personal Law in India	Dr Joby Verghese	Part- Time
14	390/2021	Arun S. Kaimallil	Child Rights and Coastal Communities in Kerala	Dr. G. Geethika	Full Time
15	391/2021	Athira Sajeev	Health Emergencies and Human Security: India's Policy Responses to Pandemics	Dr. G. Geethika	Full Time

## xviii. Sanskrit

### Academic planning

Before the start of the academic year, a meeting was held by the Academic Council, the Internal Quality Assurance Cell (IQAC), the Internal Examination Committee, and the Controller of Examinations to formulate an action plan for the current academic year. In accordance with their directives, the Sanskrit Department organized a faculty meeting in June 2021 at the Sanskrit HOD Room. During the meeting, the syllabus and the semester timetable were thoroughly discussed and finalized. The names of the Class Tutors, Co-Class Tutors, and Second Language Tutors were also decided upon. Additionally, schedules were established for the Board of Studies, the timely completion of internal assessments (assignments, seminars, class tests), departmental co-curricular and extra-curricular activities, and other programs. Overall, the meeting was instrumental in laying out a comprehensive plan for the academic year ahead.

### Review of teaching -learning process

The department regularly conducts reviews of its teaching-learning process, structures, methodologies, and learning outcomes at periodic intervals. At the end of each semester, teachers gather feedback from students to improve their teaching practices. After the publication of the semester exam results, the department analyses the results and implements corrective measures to enhance student outcomes. Additionally, feedback on the curriculum and the attainment of graduate attributes is collected from students following the end of semester exams. Furthermore, department-level induction and orientation programs are organized for newly admitted students to ensure a smooth transition into the program. The department is committed to continuously improving its academic offerings to provide students with the best possible learning experience.

In compliance with the master timetable and time restrictions suggested by the DCE, a new timetable was prepared for online classes. To facilitate smooth online classes, the college provided official email IDs for all faculty members and students. The UG syllabus was revised, incorporating suggestions from stakeholders and implemented in the 2021-22 academic year. Additionally, a new course related to the environment was introduced in all UG programs. To enhance the learning experience, all first-year UG students were enrolled in the Swayam Portal. The SQAC was formed, with toppers from each class in the department nominated to assure the quality of students in academic and non-academic matters. The tutorial and mentoring systems were also implemented to assist students in various ways. Various committees and organizations were established to support needy students in coping with online classes. Overall, the department is committed to providing students with a quality education that supports their academic and personal growth.

In collaboration with the Jeevani Centre, the department took measures to monitor the mental health of all students and provided counselling support to those in need. In light of the pandemic

situation, the tutorial and mentoring systems were strengthened to better support students' academic needs. Remedial teaching is provided to weaker students based on the analysis of result reports. By applying scientific methods, slow and advanced learners were identified, and special programs were arranged for all students falling into these categories. The department is committed to ensuring that all students receive the necessary support to succeed academically and personally.

### **Initiatives in managing the online teaching-learning**

The institution has an e-learning platform, Moodle, which enables teachers to share their e-resources with students. To conduct online classes, teachers are utilizing Google Meet, and both teachers and students are encouraged to attend MOOC courses offered through Swayam. In order to implement the LMS effectively, IQAC of Maharaja's College organized a seven-day training program on Moodle LMS, which was attended by all faculty members. Additionally, a training program on e-content development was organized for all faculty members by the Cell. With the help of the Website Committee, the college issued N-list passwords for all students to access the N-list e-library. The faculty members effectively handle all teaching, learning, and evaluation activities using different online platforms such as G-Suite and Moodle. The department is committed to leveraging technology to provide students with quality education and support their academic growth.

### **Internal Examination**

The department is committed to ensuring that internal examinations for all UG and PG classes are conducted in a timely and efficient manner. In compliance with the Academic Calendar and the directives of the Internal Exam Committee, internal examinations for odd and even semesters are conducted seamlessly. To ensure that students can take these exams comfortably, the Department's classrooms are used as exam halls, and invigilation duties are assigned to faculties as per the pre-planned timetable hours. The invigilation duty is carried out meticulously to maintain the academic integrity of the examination process. The valuation of exams is done in a fair and unbiased manner, and results are published and communicated to students promptly. The Department strives to ensure that students' academic progress is not hindered in any way and that all examination-related activities are carried out transparently and efficiently.

### **Research Activities**

The department of Sanskrit has a rich legacy of research and scholarship, and it has been recognized as a Research Department since 1991. This recognition is a testament to the quality of research and scholarly activities conducted by the faculty members and students of the Department. In line with this, two esteemed teachers from the Department have been recognized as Research guides, providing valuable guidance and mentorship to research scholars. Currently, there are four research scholars enrolled in the Department, and one research scholar joined during this academic year, further enhancing the research activities of the department. To foster a culture of research and scholarship, the Department regularly organizes events and activities to showcase the research progress made by the faculty members and students. Recently, all the research scholars presented their research progress, and

the department arranged live streaming of these events using a newly purchased live streaming studio. Additionally, to exhibit the publications of teachers and students, the Department has set up a publication wall in the College, providing a platform to showcase the research output and scholarly achievements of the Department.

The department's Research Committee plays a pivotal role in organizing various research-related activities, and recently it organized course work classes for research scholars through an online platform. These classes provided valuable insights into research methodology, data analysis, and other essential research-related topics. The Department is committed to fostering a research-oriented culture, providing necessary support to research scholars, and ensuring that the research activities of the Department align with the institution's vision and mission.

### **Seven criteria**

As part of department auditing procedure on academic and non-academic activities, we have arranged all the seven criterion vice documents as follows:

#### *Criterion 1*

The department maintains hard copies of the syllabus for both undergraduate and postgraduate programs, including revisions made in 2016, 2019, and 2020. To ensure the quality of education, the department conducts regular meetings of the Board of Studies, both internal and external, with minutes being recorded and maintained in a register kept in the department. All department faculty members are included as members of the B.O.S. While no MoUs with relevant organizations are in place until December 2022, the department plans to sign MoUs with SSUS Kalady starting in 2023. The department offers a value-added course on Yoga with a structured syllabus and brochure, and keeps a list of students enrolled in the course, along with attendance records. The department also assigns project work for final-year undergraduate and postgraduate students based on the syllabus, and maintains a list of students undertaking student projects with proof of completion certificates.

#### *Criterion 2*

Criterion 2 covers various aspects of student admission and engagement, and the department has taken several measures to ensure the smooth functioning of these activities. The admission process is well-documented with an admission register that includes the bio data of all students admitted, including those admitted under reserved categories. After the first regular UG class, a bridge course is conducted by the department with a structured syllabus. In addition, special coaching is provided to students during regular teaching hours, and an hour-long exam is conducted to evaluate their progress. Based on the evaluation report, students are categorized as slow or fast learners, and remedial programs are conducted for slow learners.

The department has also prepared a result analysis report after the end-semester exams. To promote student-centric methods, the department maintains a register with the names and list of ICT-enabled tools, including online resources. Each faculty member is assigned a group of 10 or fewer students as mentees. Circulars have been issued regarding assigning mentors and documenting mentor-

mentee interactions in a Mentor's Diary. The department maintains documentation for various aspects of the academic year, including the teaching plan, seat matrix, teacher's diary, student class log book, attendance register, and time table for odd and even semesters. These documents are geotagged with necessary photos to ensure their authenticity and accuracy.

#### *Criterion 3*

The department maintains a record of fellowships received by teachers during the academic year 21-22, along with details of grants received for the projects during the same period. The orders related to these awards are kept on file. Additionally, the department has recognized teachers as research guides, and copies of the order from 21-22 are maintained. The department also conducts seminars and workshops throughout the year, and details of these events, including brochures and photos, are recorded. The department registers Ph.D. students, and a copy of the registration order is documented. Research publications by faculty members in Scopus indexed, Web of Science indexed, and CARE journals are also recorded, with copies of the relevant pages kept on file.

The department encourages faculty members to publish books and contribute chapters in edited volumes, and copies of the relevant pages of books published during the academic year 21-22 are kept on file. Furthermore, the department maintains a record of awards and recognition received by teachers and students for extension activities, with copies of the award letters from 21-22 stored in department archives. The department also conducts extension and outreach programs, including government-initiated initiatives such as Swach Bharat, Aids Awareness, Gender Issues, as well as programs organized in collaboration with industry, community, and NGOs. Reports with photos of these events are recorded. The department also conducts extension and outreach programs through NSS/NCC, and details of these events, along with photos, are recorded.

The department collaborates with other institutions for research, faculty exchange, student exchange, internships, on-the-job training, and project work. Certificates related to these collaborative activities during the academic year 21-22 are maintained on file. Finally, the department keeps a record of functional MoUs with institutions of national and international importance, other universities, industries, and corporate houses, and copies of the functional MoUs signed during the year are kept on file.

#### *Criterion 5*

This criterion includes various details related to the students of the department. A self-attested list of students who are availing scholarships provided by the government, along with the name of the scheme and the number of beneficiaries, is maintained in the department. Similarly, a self-attested list of students availing scholarships from non-governmental agencies or the institution is also maintained, along with the name of the schemes and contact information of the agencies, and the number of beneficiaries. The department has organized capacity development programs and skill enhancement programs for students. The department maintains a list of students who have been successfully placed after completion of their course, along with the name of the employer and their contact details. Any

document such as pay slip, appointment order must also be kept as proof. The list of students who are pursuing higher studies must also be maintained with necessary proof. It is also important to keep a list of students who have qualified in national/international exams along with relevant certificates as proof. Details of students who have won awards/medals for outstanding performance in inter-university, state, national, or international sports and cultural events must also be included. Alumni meetings, contributions, and events organized by the department are also documented in a detailed report. Keeping all these details will help in the proper functioning of the department and serve as a reference for future use.

#### *Criterion 6*

This criterion pertains to the documentation of faculty details within the department. It includes the average percentage of teachers who were provided with financial support to attend conferences, workshops, and professional body memberships during the 2021-2022 academic year. Additionally, the average number of professional development and administrative training programs organized by the institution for teaching and non-teaching staff during the same period is also recorded. The average percentage of teachers attending professional development programs such as orientation, refresher courses, short-term courses, and faculty development programs is also documented. In the 2021-2022 academic year, we did not receive any funds or grants from non-government bodies, individuals, or philanthropists. We have submitted our annual report and future plan for the 2022-2023 academic year.

#### *Criterion 7*

Criterion VII focuses on the initiatives taken by the department towards creating a more inclusive, gender-sensitive, and environmentally conscious environment. In line with this, we have organized talks by social workers and trans-gender individuals to sensitize students on issues related to gender, sexuality, and human rights. We have also taken steps towards promoting eco-friendly practices such as implementing recycling programs, using sustainable materials, and reducing paper waste. In order to create a more inclusive environment, we have conducted sensitization programs for students on values, rights, duties, and responsibilities. We celebrate and organize national and international days and events such as International Women's Day, World Environment Day, and World Human Rights Day. These events are documented with detailed reports and geo-tagged photos. While we were unable to conduct some best practices such as food fests and job fairs due to the pandemic, we recognize the importance of documenting any such initiatives according to their title, objective, context, practice, and evidence of success. We will continue to strive towards creating a more inclusive, equitable, and sustainable environment in the future.

## **xix. Statistics**

The department of statistics was established in 1975 by converting two posts of lecturers in mathematics. The Government of Kerala appointed Sri B. Devadas and Sri K. J. Justin George Francis as the first lecturers in Statistics in June 1976. Later, an additional post was created to accommodate the workload of the department. From 1975 to 1987, statistics teachers worked under the department of mathematics. In June 1987, the department of statistics emerged as an independent department. The PG

programme in statistics gained prominence in 1995 when Prof. Justin George Francis served as the head of the department, along with Smt. T. M. Marykutty and Dr. S. Santhosh as faculty members. In the same academic year, the department was strengthened with the addition of five more lecturers: Sri K. A. Rajeevan Pillai, Smt. R. Thankam, Sri T. V. Francy, and Dr. N. Hitha. In June 1998, Prof. M. Sreekumar joined the department as HOD, and under his guidance, the department has soared to new heights.

Today, the department of statistics is a renowned research centre that offers undergraduate and postgraduate courses. The department has eight experienced faculty members who are dedicated to imparting quality education to students. The department is equipped with state-of-the-art infrastructure, including a computer lab and a library, to aid research and learning. The students of the department are consistently performing well in academics and various research activities. The department also conducts national and international seminars, workshops, and conferences to enhance the knowledge of students and faculty. The alumni of the department are well-placed in prestigious institutions and companies, and they continue to support the department's growth and development.

### **Course offered**

The department of statistics has been offering a full-time Post-Graduate course in Statistics since 1995. The department has been successful in attracting bright and enthusiastic students who are keen on pursuing a career in Statistics. The faculty members are dedicated, talented, and committed to their students, helping them in every possible way to achieve their academic goals. The department has a separate block with a well-equipped laboratory and library to provide students with an excellent learning environment. Over the years, the department has produced outstanding results for the PG program. Regular enrichment programs are conducted by the department to enhance students' knowledge and skills to pursue better opportunities in education and career. Many of our students have secured placements in both private and government sectors. The department conducts enrichment lecture series, seminars, workshops, and Statistics clubs that further enrich the learning experience of the students. The faculty members are research-oriented, and their expertise is evident in the numerous publications in reputed referred journals. In addition to the PG program, the department also offers a Ph.D. program in Statistics to provide students with an opportunity to pursue advanced research in the field. The department is committed to providing the students with excellent learning opportunities and preparing them for a successful career in Statistics.

### **Facilities of the Department**

#### *Smart Class Room and Computer Lab*

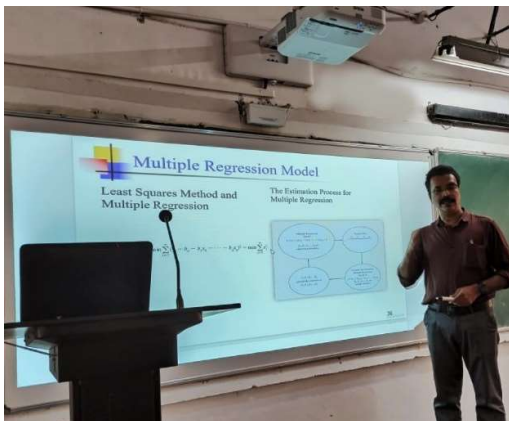
In order to implement ICT facilities in the department, one of the class rooms has been converted into a Smart Class room. We have well equipped computer lab with 25 computers, Wi-Fi and high speed internet facility. Licensed software like SPSS, MATLAB, R, MS OFFICE, WINDOWS and C++ are made use of. The P. G. students do their practical using SAS, MATLAB, R and Excel.



Statistical Data Analysis Center



Smart Class Room



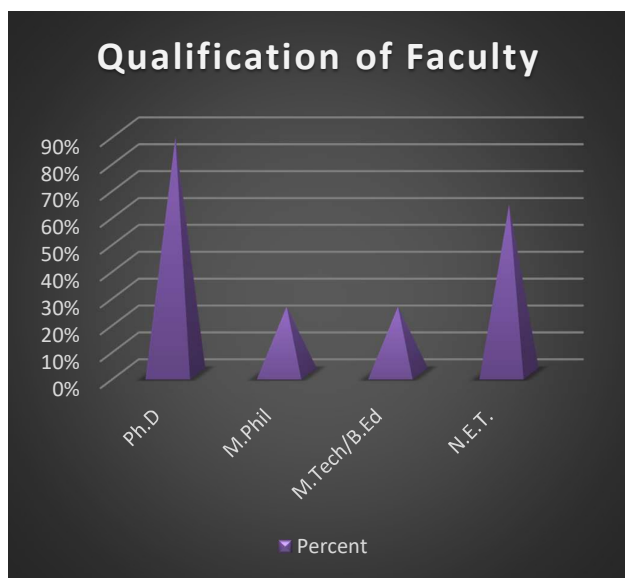
### **Learning resources available in the department**

The library in the department is an excellent resource for students and faculty alike. With a collection of over 5000 books and 97 journals, including 8-10 e-journals, it provides access to a wide range of literature on Statistics and related fields. The library subscribes to prominent journals like Sankhya, Statistical Methods, Journal of Indian Society of Agriculture, and Journal of Science Education, which keep the readers updated with the latest research and developments in the field. The library is also home to a Photo Gallery of eminent Mathematicians and Statisticians, donated by Prof. Justin George Francis and the students of the 4th Batch. This serves as a source of inspiration for students and reminds them of the rich legacy of the subject they are studying. The department also keeps ISS question papers, which are a valuable resource for students preparing for the ISS Examination. The department provides opportunities for students to interact with former ISS Gems, who visit the department from time to time. Coaching classes are arranged for students to help them prepare for the examination. These interactions not only provide valuable insights into the examination but also inspire the students to work harder and achieve their goals. The department's commitment to providing excellent resources and facilities makes it a popular choice for students seeking to pursue a career in Statistics.

Books	2675
Journals	6
Computers	30
Printers	3
LCD Projector	3
Laptop	2
LCD TV & Smart Board	1

### Faculty Profile

#	Name	Designation	Gender	Qualification	Experience	Year of joining the institution
1	Dr. Jayamol K.	Associate Professor	Female	NET, Ph.D.	19	2002
2	Dr. James Kurian	Associate Professor	Male	NET,M.Phil, Ph.D.	18	2004
3	Dr. Angel Mathew	Associate Professor	Male	NET M.Tech, Ph.D.	11	2009
4	Dr. Priya P. Menon	Associate Professor	Female	B.Ed, Ph.D.	15	2006
5	Sri. Sujith P.	Assistant Professor	Male	NET	8	2009-2010 2013
6	Dr. Merlymole Joseph K.	Assistant Professor	Female	Ph. D.	2	2018
7	Dr.Bismi G.Nadh	Associate professor	Female	M. Phil, Ph. D.	8	2013
8	Dr. Maya S.S.	Assistant Professor	Female	NET, Ph.D.	4	2016



Ph.D	7	88%
M.Phil	2	25%
M.Tech/B.Ed	2	25%
N.E.T.	5	63%

#### Result Analysis of Final Year Pg 2021-22.

14 students appear for the examination and all of them passed, making the the pass percentage is 100.

#### Seminars organised by the department

#	Name of the seminar/workshop	Date	Co-ordinator
1.	Career Insights with Alumni	29-01-22	Dr. Maya S.S
2.	Recent innovations in Statistical methods and its applications in Business and Industry	18-03-22 to 19-03-22	Dr. Jayamol K.V



## xx. Zoology

### Result analysis of IV semester M.Sc.

In the year 2020, a total of 17 students were admitted to the MSc Zoology program, and the majority of them performed well, with 80% of them passing with fairly good grades. The pandemic situation during that time delayed the conduct of examinations and declaration of results, but despite this, the students performed admirably. Of the 17 students, three secured the coveted A+ grade, which is a testament to their hard work and dedication. Five students secured the A grade, while four students got a B+ grade in the final result. Unfortunately, four students failed, but one of them was declared passed with grace marks due to their hearing impairment. An overall analysis of the results showed that students from weaker sections, such as Scheduled Castes, Other Backward Communities, and physically disabled categories, fared well in the examinations. This is a heartening development and shows that the university's efforts towards inclusivity are bearing fruit. The class topper of the batch was a student who got admitted under the Economically Backward Forward Class (EBFC) category, which is a significant achievement for them. The students' performances showed consistent progression right from the first semester, indicating their dedication and commitment towards their studies.

One of the most commendable achievements of the class was that two students got selected for the INSPIRE scholarship for carrying out their post-graduation project. Ann Maria K Binu, one of the students, is currently working as an intern at CUSAT, while Sidharth M has been appointed as Assistant Branch Post Master. Overall, the MSc Zoology class of 2020 was a diverse group of students who overcame challenges and showed exceptional dedication towards their studies. Their achievements

serve as an inspiration to future batches and stand as a testament to the university's commitment towards providing an inclusive and nurturing learning environment.

### **Result analysis of VI SEMESTER**

In 2019, 31 students were admitted to the undergraduate program, but three of them opted for other courses and left. The remaining 27 students registered for the final exam, and 21 of them passed out with fairly good grades. One student achieved the coveted S grade, which is a testament to their exceptional performance. Seven students failed, bringing the result percentage to 77.78%. However, it is worth noting that the pandemic situation affected the results, and the students should be commended for their perseverance and dedication in such challenging circumstances. Among the students who passed, seven achieved the A+ grade, five achieved the A grade, six achieved the B+ grade, and two achieved the B grade in the final result. It is noteworthy that ten of the students who achieved A+ and A grades had been maintaining their grades consistently from the first semester. The student who achieved the S grade was the topper for the course joined, which is a remarkable achievement. It is a testament to their hard work and dedication towards their studies. Two of the toppers got admission in ICMR VCRC, Gorakhpur, for M.Sc Public Health Entomology. This is a fantastic opportunity for them to further their studies and excel in their field of interest. Additionally, three students secured admission for a master's degree at Calicut University, which is a testament to their academic prowess. Overall, the 2019 UG batch was a group of determined and talented students who overcame various challenges to achieve their goals. Despite the pandemic situation, they showed exemplary dedication towards their studies and succeeded in their respective fields. Their achievements serve as an inspiration to future batches, and they should be proud of their accomplishments.

### **Members of the faculty**

#	Name of the faculty	Designation
1.	Dr. Rema L.P. Head of the Department	Associate Professor
2.	Dr.Shyla.M.H.	Associate Professor
3.	Dr.Sunish.K.S.	Assistant Professor
4.	Smt.Anitha Abraham	Assistant Professor
5.	Dr.Prakasan.K.	Associate Professor
6.	Smt.Dhanya Balakrishnan	Assistant Professor
7.	Smt.Sandhya Krishnan.K.R.	Assistant Professor
8.	Smt.Sharmila.P.S.	Assistant Professor

### **Student progression and placement**

After passing out from the undergraduate program, 20 students secured admission for higher studies, and one student got a placement, which is a remarkable achievement. Among the students who

opted for higher studies, 14 of them chose life science-related subjects, which highlights the growing interest of students in this field. Apart from this, four students decided to become self-employed, which is a testament to their entrepreneurial spirit and desire to make a difference. The world needs more individuals who can create job opportunities and contribute to the economy, and these students are taking a step in the right direction.

In the postgraduate program, four students secured placements, which is a great achievement. These students must have displayed a high level of competency and skillset to secure a position in their respective fields. One student, Twinkle Sebastian, won the ICRS graduate fellowship, which is a significant accomplishment and a testimony to her academic prowess. In addition to this, two students secured the CSIR-UGC fellowship, while one cleared the DBT-JRF exam. These are highly competitive exams, and it is a testament to the hard work and dedication of the students to have cleared them. Two students cleared the National Eligibility Test, which is a fantastic opportunity for them to pursue their dream of becoming professors. One of them is working as a guest faculty in a government college, which is a testament to their academic capabilities and teaching skills.

Furthermore, three students cleared the Graduate Aptitude Test in Engineering (GATE), which is a prestigious exam and provides opportunities for higher education and research. It is an indication of their technical expertise and knowledge in their respective fields. Overall, the pass-out students of the undergraduate program and the postgraduate program have achieved remarkable accomplishments in higher studies, placements, entrepreneurship, and competitive exams. These achievements reflect their hard work, dedication, and talent. They are an inspiration to the students who will be following in their footsteps, and we wish them all the best for their future endeavours.

### **Seminars organised by the department**

The department's proactive response to the pandemic situation is commendable as it successfully conducted several webinars on various topics in online mode. The department organized both international and national level webinars that covered a diverse range of subjects, catering to the interests of a broad audience. Some of the topics discussed in these webinars were "Understanding genetic predisposition to blood cancer- a scientist's tool box," "Spiders of Western Ghats," "Lecture on Moths" by iNaturewatch Foundation, Mumbai, Maharashtra, "Crop-rich Kerala proves productive for Aedes-borne diseases," and "Animal Models in Biological Research." These webinars were conducted by experts in the field, who provided valuable insights into their respective areas of expertise. The webinars served as a platform for participants to learn about cutting-edge research and developments in their fields of interest. The participants were able to interact with the experts and gain knowledge about the latest trends and advancements. The webinars were a great opportunity for students and researchers to learn about new developments and get exposure to the latest techniques and technologies.

The department's efforts to organize these webinars have played a significant role in promoting knowledge sharing and dissemination in the scientific community. The online mode of these webinars has also made it accessible to a broader audience, irrespective of their location. The webinars have

provided a unique opportunity to bridge the knowledge gap and promote interdisciplinary research collaborations.

Overall, the department's initiative to conduct webinars in online mode during the pandemic period is laudable. These webinars have helped students, researchers, and professionals to stay updated with the latest advancements in their respective fields and have facilitated knowledge sharing and dissemination. The department's efforts have contributed significantly to the academic community and helped to promote scientific knowledge and innovation..

#### **Publications by students and faculty members**

#	Author/s	Journal	Title	ISSN	Link
1	Dr. Sunish K S	Biotechnology Letters, August 2021	Statistical optimization of thermostable alkaline protease from <i>Bacillus cereus</i> KM 05 using response surface methodology		<a href="https://doi.org/10.1007/s10529-021-03172-4">https://doi.org/10.1007/s10529-021-03172-4</a>
2	Dr. L.P Rema, C.B Liji	Journal of Veterinary and Animal Sciences, Kerala, December 2021	Insights into the role of <i>Moringa oleifera</i> in ameliorating acetaminophen induced hepatotoxicity in Nile tilapia, <i>Oreochromis niloticus</i>	0971-0701	<a href="https://doi.org/10.51966/jvas.2021.52.4.399-404">https://doi.org/10.51966/jvas.2021.52.4.399-404</a>
3	DR. L.P Rema	Uttar Pradesh Journal of Zoology, December 2021	A study on the efficiency of <i>Phyllanthus niruri</i> in ameliorating the drug		

			induced oxidative stress in <i>Oreochromis mossambicus</i> and its comparison with a herbal formula liv 52		
4	Dr. Sunish K S	Biotechnology Letters, August 2021	Statistical optimization of thermostable alkaline protease from <i>Bacillus cereus</i> KM 05 using response surface methodology		<a href="https://doi.org/10.1007/s10529-021-03172-4">https://doi.org/10.1007/s10529-021-03172-4</a>

#### **Awards and recognition**

Smt.Sandhya Krishnan, Asst.Professor of Zoology received a National award of Excellence ,Adarsh Vidya SaraswatiRashtriyaPuraskar by Global Management Council

#### **Infrastructure development of the department**

The Directorate of Collegiate Education, Kerala, has taken a commendable initiative to establish a standard level of excellence in the undergraduate and postgraduate laboratories of government colleges throughout Kerala. As a testament to their commitment, the department of zoology was recently granted a generous financial assistance of approximately 9 lakh rupees to enhance their laboratory facilities. This investment will undoubtedly elevate the educational experience for students and enable them to explore the wonders of zoology with state-of-the-art resources.

#### **Syllabus revision**

The department of zoology is committed to providing a top-notch education to its undergraduate students, and as such, the faculty members have been working tirelessly to revise the existing undergraduate programme in Zoology. Over the course of several meetings, the team has dedicated themselves to developing a comprehensive and well-structured framework for the proposed changes.

The first preparatory session, held on August 30th, 2019, brought the team together in the department library. The discussions were lively, with every member contributing their unique



perspectives and expertise towards developing the framework for the revised undergraduate syllabus. The result was a cohesive and organized plan that would pave the way for a more holistic and inclusive education for the students.

Moving on to the next step, the teachers were grouped into four, with each group assigned to review and revise four of the sixteen courses that comprise the BSc Zoology program, including the complementary course. Each faculty member was then allotted a bunch of four courses, from which they chose two to revise. This allowed for a more personalized and focused approach to the revision process, ensuring that each course received the attention and expertise it deserved.

In the third phase, the Board of Studies convened for a meeting in the computer laboratory on December 13th, 2019. External members joined the faculty members for a thorough scrutiny of the revised courses. The team was led by Dr Shaju Thomas and Dr Rishad K S, who actively participated in identifying and rectifying any shortcomings in the syllabus.

Finally, in the fourth phase, the faculty members went on to prepare blueprints and model question papers for each of the revised courses. This was done with great attention to detail and care, ensuring that the course materials were thorough, comprehensive, and effective in achieving the learning outcomes set forth by the department.

The faculty members reconvened on January 20th, 2020, in the department library, where they reviewed and approved the revised syllabus for submission to the Academic Council. This was a momentous achievement for the department, and a testament to the hard work and dedication of the faculty members in providing the best possible education to their students.

### **Minor projects**

Smt.Sandhya Krishnan, Asst.Professor of Zoology received grants worth Rs 20000/- for her student projects during the academic year 2021-21 from KCSTE, Trivandrum.

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0679/217/2021/KSCSTE

### **MOUs**

Since 2019, there has been a continued and fruitful Memorandum of Understanding (MoU) between the Central Marine Fisheries Research Institute (CMFRI) and the Central Institute of Fisheries Technology (CIFT), both located in Ernakulam. This partnership has been a boon for the fields of research, extension, and training, as it has allowed for the exchange of ideas, resources, and expertise between these two prestigious institutions. Under the terms of the MoU, both CMFRI and CIFT have been able to collaborate on various research projects related to fisheries and aquaculture. This has led to the development of new techniques and technologies for sustainable and efficient fisheries management, as well as the discovery of innovative ways to improve the quality and safety of fish products. Moreover, the partnership has also facilitated the extension of research findings to the fishing community, through the dissemination of information and the implementation of training programmes. This has enabled fishers to adopt more sustainable and efficient fishing practices, thereby contributing to the

conservation of marine resources and the enhancement of their livelihoods. Overall, the continued MoU between CMFRI and CIFT is a testament to the importance of collaborative efforts in advancing the fields of fisheries research, extension, and training. It is hoped that this partnership will continue to thrive and evolve, leading to even greater achievements and breakthroughs in the future.

### **Training attended by students and teachers**

The department takes great pride in providing its students with a world-class education, and this would not be possible without the tireless efforts of its faculty members. To this end, the department has invested in the professional development of its teachers, by providing them with ample opportunities to enhance their skills and knowledge. As part of this commitment, all the teachers of the department attended the Moodle training programme conducted by the Kerala State Higher Education Council. This training was a crucial step in enabling the faculty members to use Moodle effectively as a learning management system, which has been especially important in light of the ongoing pandemic and the shift towards online learning. Moreover, the department has also encouraged its faculty members to attend various online Faculty Development Programmes, with five teachers attending a total of eleven programmes on various topics. These programmes covered a wide range of subjects, from innovative teaching methods to the latest trends in educational technology, providing the teachers with a wealth of new insights and ideas to bring back to their classrooms. In addition to these programmes, all the teachers of the department have also attended numerous online International and National webinars and Workshops. These events have allowed the faculty members to stay up-to-date with the latest research and trends in their respective fields, as well as network with other educators from around the world.

### **Programmes organized by department**

The department is committed to not only providing its students with a top-notch education but also ensuring that they are well-equipped to make informed career decisions. To this end, the department organized a comprehensive career guidance class for all its first-year undergraduate and postgraduate students at the beginning of the academic year. The aim of this class was to provide the students with a clear understanding of the various career options available to them and to help them make informed choices based on their individual strengths, interests, and aspirations. The session was carefully designed to cover a wide range of topics, from exploring potential career paths to developing essential skills and competencies that are highly valued in the job market. The department took great care to ensure that the career guidance class was both informative and engaging, with interactive activities and discussions that allowed students to ask questions and share their thoughts and experiences. The session was also facilitated by experienced professionals from various industries, who shared their insights and provided valuable advice to the students. Overall, the department's commitment to providing career guidance to its students is a testament to its belief in the importance of holistic education. By equipping its students with the knowledge and skills they need to make informed career decisions, the department is not only contributing to their individual success but also to the betterment of society as a whole.



