



# ANNUAL REPORT 2022-23

## INTERNAL QUALITY ASSURANCE CELL



**MES KALLADI COLLEGE, MANNARKKAD**

Re-Accredited by NAAC with A+ Grade (CGPA 3.32)

Mannarkkad College P.O., Palakkad District-678583

Phone: 04924-222377, E-mail- info@meskc.ac.in



# M. E. S. KALLADI COLLEGE

Re-Accredited by NAAC with A+ Grade (3.32) Listed in UGC (2F) & 12(B)  
Govt. Aided College & Affiliated to the University of Calicut  
A Minority Institution - Certified by the National Commission  
for Minority Educational Institutions, Govt. of India

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## PREFACE

The internal quality and assurance cell has actively involved in the development of different quality initiative for the better academic environment of the institution. The college has conducted various seminars on different topics of importance across disciplines. The college has streamlined its all extension activities under one rubrics called *sparsham*. Its main aim is to channelize all the efforts of the departments and the institution in such a way that it should benefit the neighbouring community in the best possible manner.

The college conducted a national seminar on Tribal Ethnicity, Culture, Rights and Modernity. It aimed to sensitize the people with the importance of protecting the cultural heritage and the rights of the tribal community. The college has organised a national seminar on best practices in collaboration with MES College Marampally and MES Ponnani College.

The Internal quality assurance cell of MES Kalladi College has organised a faculty programme on professional Ethics and Human values. The programme discussed the changing role of teachers in the modern arena. Further, the programme also shed a light into the new educational technologies which was happening around the globe

We are thankful to various stakeholders in our journey towards quality education

**Dr. C Rajesh**  
Principal & Chairman, IQAC



**Dr Azhar A**  
IQAC Coordinator

### IQAC Composition and Activities

No. of Teachers	9
No. of Administrative/Technical staff	1
No. of students	1
No. of Management representatives	1
No. of Alumni	1
No. of any other stakeholder and community representatives	1
No. of Employers/ Industrialists	1
No. of other External Experts	1
Total No. of members	16

#### **IQAC Members**

Name	Designation
Dr. Haseena V. A. Principal	Chairperson
Dr. A. Azhar	Co-ordinator
Mrs. A. Sajna	Joint Co-ordinator
Mr. P. H. Muhammed	Management Representative
Mr. C.U. Mujib	External Expert
Mr.KCK Sydali	Member from Industry
Mr. Shihab AM	Member
Dr Renjith	Member
Mrs. UK. Saritha	Member
Dr. K. Sereena	Member
Dr T Zainul Abid	Member
Dr.T. N. Muhammed Musthafa	Member
Mrs. Jasmin	Member from Office Administration
Mr. Kazim Alayan	PTA Representative
Adv. Ajith	Alumni Representative
Chairman, College Union	Student Representative

No. of IQAC meetings held

8

## Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total No.	19
International	0
National	0
State Level	1
Institution Level	18

(ii) Themes

- (1) Research Methodology
- (2) Role of Science in society, industry and medicine
- (3) Innovation and entrepreneurship
- (4) Learning Management System
- (5) Digital Tools for Effective Teaching-Learning

**Significant Activities and contributions made by IQAC**

- Application submitted to Government of Kerala to sanction new courses in the college.
- IQAC has organized a faculty development programme on new reflections in teaching and learning Process
- Encouraged department to organize programme for experiential learning
- Encouraged to organize the research methodology programme in every discipline
- Organized programmes for students to inculcate entrepreneurial culture

## REPORT

### **Two-day National Seminar on Tribal Ethnicity: Culture, Rights and Modernity**

The Department of History, in association with MES Palakkad District Committee, observed International Day of the World's Indigenous People on 9th and 10th August. It aimed to sensitize the people with the importance of protecting the cultural heritage and the rights of the tribal community. The title of the seminar was Tribal Ethnicity, Culture, Rights and Modernity. On 9th August, the programme started with the welcome address by Dr. Sivadasan T P, Assistant Professor, and Department of History. The Session was presided by PM Salahudheen, HoD, Department of History and the first session was inaugurated by the Principal, Dr. Haseena V A. The resource person, Ramu K A Convenor, Thump Adivasi Organization, Attappadi, presented his paper on the title Tribal Life in Attappadi.

He focused on infanticide, migration, encroachment, commercialization, fertilization etc. On 10th August, the programme started with the welcome address of Salahudheen P M, HoD, Department of History. The World Tribal Day was inaugurated by Dr. P A Fazal Ghafoor, President, M.E.S., State Committee. Chief Guest Smt. Nanchiyamma, National Film Award Winner, sung three songs. The key note address was delivered by Dr. K.A. Hashim, Corporate Manager, MES Institutions. Felicitations are conveyed by Sr. A. Jabbarali, Sri. S M S Mujeeb Rahman, Sri Sayed Tajuddin and Dr. Haseena V.A. (Principal, MES Kalladi College, Mannarkkad). The Session was ended with the vote of thanks by Sri. K.P. Akbar (Treasurer, M ES, District Committee)

### **Inauguration of Sparsham**

Extension Cell of MES Kalladi College conducted inauguration of Extension cell (Sparsham) on 23/11/2022 at college auditorium. Programme started at 10.am with prayer. Welcome Address by Abdul Basid P K Extension cell coordinator. Presidential address delivered by Principal Dr Haseena V A. Inauguration and Key Note Address by Adv N Shamsudheen (Mannarkkad MLA).

Relevance of the cell and benefits of are clearly explained by MLA. MLA also distributed price to winners of Logo making competition. MLA released new logo and broucher. Felicitation given by Dr Azhar A (IQAC Coordinator) Shihab A M (PTA Secretary) Anu Joseph (Staff Secretary). Programme ended with Vote of thanks by Sajna A (IQAC Joint Cordinator).

**The Global Alumni Meet Mesphilia 2k23**

A grand get together of the college alumni was conducted on 11th February 2023. The alumni of the college from 1967 to 2022 attended the function. The formal inauguration of the function was done by the first batch students of the college by flying balloons. Around 5000 alumni from different parts of the world participated in it. Online provision was also arranged for those who were unable to attend the function. After the brief inaugural session, the alumni were assembled in batch wise where they could share their golden memories of campus life. After lunch, cultural programs were arranged. Many alumini performed wonderful artistic performances which were enjoyed by all.

**Faculty development Programme on professional Ethics and Human values**

The Internal quality assurance cell of MES Kalladi College has organised a faculty programme on professional Ethics and Human values on 19-11-2022. Dr Haseena V A principal of the college has inaugurated the function. Prof. C.N Balakrishnan Nambiar, Former principal Devika Amma Memorial Teachers Education College, Malappuram was the resource person of the programme. He has discussed the changing role of teachers in the modern arena. Further, the programme also shed a light into the new educational technologies which was happening around the globe

**National seminar on best practices in HEIs: strategies adopted for quality assurance**

The college has jointly organised a national seminar on Best practices with MES College Marampally and MES Ponnani College on 28 NOVEMBER, 2022. The main focus of the seminar is to evaluate quality assurance strategies adopted by the higher education institutions. The event was sponsored by Kerala State Higher Education Council (KSHEC). Dr. Jasmine P.M. Vice Principal and IQAC coordinator welcomed the gathering. The programme was presided over by Dr. Ajims P. Mohammed , Principal, MES College, Marampally.

### Activities organised by various departments

#### Department of Chemistry

Being the research Centre of the college, the department has contributed significantly in the area of research and innovations. In 2022-23 Research project proposal of Dr. Mohammed Musthafa. TN as Co-Investigator with Department of Chemistry, King AbulAziz University, Saudi Arabia has been approved for funding by Ministry of Education, KSA. In addition to this the department have four other research collaborations with institutions inside the state. The department has conducted four certificate courses last year. CHEMSANZ-2022 was conducted for preparation of high quality soaps, detergents, floor cleaning liquids, dish wash etc by using easily available lab chemicals through the students and marketing the product

The other major activities of the department are

1. World Environment Day Celebrations 2022- Organized Quiz Competition, Essay Writing, Debate on “Jeevikkam Prakruthiyae Novikkathae” theme by Research & Postgraduate Department of Chemistry, MES Kalladi College, Mannarkkad on 06-06-2022.
2. Conducted Intercollegiate Elocution Competition on the topic- Scientific Advancement and Development in India- Before and After Independence organized by Research & Postgraduate Department of Chemistry, MES Kalladi College, Mannarkkad on 29-08-2022.
3. International Webinar on “Supramolecular Mechanophores” organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad (Resource Person-Mr. Fazil Thuluvanchery Salim, Tokyo Institute of Technology, Tokyo, Japan) on 15-09-2022.
4. International Career Guidance Programme on “Higher Education in Abroad & Career Opportunities in Chemistry” organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad (Resource Person-Mr. Fazil Thuluvanchery Salim, Tokyo Institute of Technology, Tokyo, Japan) on 15-09-2022.
5. Gender Equity Programme on “Sustainable Gender Equity: An Overview” organized by Research & Post Graduate Department of Chemistry MES Kalladi College, Mannarkkad (Resource Person-Dr. Sheeba Krishnan, Assistant Professor, NSS Training College, Ottapalam) on 24.09.2022.

6. Conducted Bridge Course programme from 26-09-22 to 07-10-22 for First year BSc Chemistry students.
7. ED Programme on “Talk with an Entrepreneur” organized by Research & Post Graduate Department of Chemistry MES Kalladi College, Mannarkkad (Resource Person-Mr. Nabeel N Darussalam, Chairman Frame Tech Steel Pvt Ltd) on 28.09.2022.
8. Career Guidance Programme organized by Research & Post Graduate Department of Chemistry MES Kalladi College, Mannarkkad in association with college Career Guidance Cell (Resource Person- Mr. Noufal, Eenskool ) on 28.09.2022
9. IPR Programme on “Basics of Intellectual property rights and Plagiarism” organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad (Resource Person- Ms. Faizunnesa Y, Librarian, MES Kalladi College, Mannarkkad) on 29.09.2022.
10. Research Methodology Programme organized by Research & Post Graduate Department of Chemistry MES Kalladi College, Mannarkkad (Resource Person-Dr. Fazalurahman Kuttassery, Assistant Professor, Department of Chemistry, University of Calicut) on 30.09.2022.
11. Conducted Alumni Meet CHEMBACK 2K22 “Back to where we were” organized by Research & Post Graduate Department of Chemistry & Chemistry Alumni Association, MES Kalladi College, Mannarkkad on 02-10-2022.
12. Conducted congratulatory meeting to Mr. Saheel N, Second Rank holder in BSc Chemistry Examinations March 2022 organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 27-10-2022.
13. Conducted Alumni Talk & Faculty Development Programme organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 14-11-2022.
14. Conducted congratulatory meeting to Ms. Ayisha Jemshiya Kalladi, MSc Chemistry (2020-2022) for qualifying Ph.D entrance examination-2022 of University of Calicut & for getting admission to Ph.D programme in Department of Chemistry, University of Calicut, organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 07-11-2022.



15. Conducted Debate on Gender Equity programme organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 28-11-2022.
16. Organized Water Quality Testing training programme for Volunteers by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad in association with Jal jeevan mission, Jananidhi, Kerala Water Authority, Govt of Kerala on 03-12-2022
17. Conducted career guidance programme for BSc & MSc Chemistry students by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad in association with Alchemi institute Calicut on 20-12-2022.
18. Conducted Field visit to Jamia Millia Islamia, Central University, New Delhi for BSc & MSc Chemistry students organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 30-12-2022.
19. Organized Chemistry Association Day AURUM 2K23 by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad 13-02-2023. Chief Guest- Mansoorali Kappungal, Unacademy Educator.
20. Organized Congratulatory Function to the Second, Third, Eleventh Rank holders of University of Calicut in MSc Chemistry 2020-22 Examinations organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 17-12-2023.
21. Organized ADIOS BASH Farewell Party to Final year Degree students organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 24-02-2023.
22. Organised stall and exhibition activities in SCI- LAND EXPO 2K23 organized by CPAUP School, Thiruvizhamkunnu on 22-02-2023.
23. Organized National Science Day Celebrations organized by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad on 28-02-2023.
24. A hand of support has made by the students of the Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad for the wellbeing of Physical education works of college on 11-01-23.

25. Conducted the Lunch Bunch get togetherness of third year BSc Chemistry on 02-03-2023.

### **Extension programme of the department**

1. Water Quality Testing programme by Research & Post Graduate Department of Chemistry, MES Kalladi College, Mannarkkad in association with Jal jeevan mission, Jananidhi, Kerala Water Authority, Govt of Kerala on 03-12-2022 in Attappadi, Malappuram and other rural areas.
2. Awareness programme to the public about the toxicity/usefulness of daily life chemicals.
3. Orientation programmes to the students for handling costly equipment's and chemicals.

### **Department of Commerce (Aided)**

Department has contributed well towards the academic performance of the college. One of the students of the department has won Prime Minister's scholarship. Other major activities of the Department are

#### **1. National Webinar on "Capital Market Awareness"**

The webinar started at sharp 9 am on Saturday, 27<sup>th</sup> November 2021. The webinar was introduced by Shabna M K (Asst. Professor, Department of Commerce), welcomed by Mrs. Shameera MK (H.O.D, Commerce department). The webinar was felicitated by Saritha. U. K (IIC Convenor & H.O.D, Department of Physics) The official inauguration was done by the Principal, Dr. Haseena V A. The technical session started at 10:30 am and handled by the eminent personality Mr. Pankaj Mathkar (Associate of Lotus Know wealth).

The webinar was conducted through Zoommeet online platform. 80 participants participated in the Zoom meet platform. The technical session was very interested to all participants. The session covered about the investment patterns, the risk and return related with different investment avenues.

#### **Seminar on career guidance**

Career Guidance and Awareness program was held for B.com / BBA students of the college on 27-06-2022 from 10:30 to 12:30. The resource person was Mr. Ramaswami Ayyar, (Manager, NITA, Ernakulam). The program took place in co-operation with NITA, Ernakulam They were enthusiastic about creating awareness about the scope of professionals in India and Abroad in recent times. The Programme started with a Welcome

speech by Shameera MK (HOD, Department of Commerce. Nearly 120 students took part in this program. Miss. Simna Fathima (Second-year B. Com Student) thanked them for sharing information about GST & Tally course with the students of the college. The seminar created awareness and enriched knowledge among the young students.

### **Alumni Meet**

Department of Commerce has organized Alumni meet on 26-06-2022 at Seminar Hall. Around 30 Alumni participated despite of their busy schedule. The gathering started with a light refreshment and Mrs. Shameera MK (HOD, Commerce welcomed all Alumni coordinator Mr. Abdul Basid had addressed the Alumni members in which he congratulated alumni for achieving success in their career. Dr. Yasmin and Miss Preetha shared their valuable thought on Alumni association. The formal function concluded with vote of thanks by Dhanish (Alumni)

### **Capability enhancement in association with ASAP**

The PG Department of Commerce and Management Studies organized an orientation session on the need for enhancing communication skills in association with ASAP on 14/07/2022 (Thursday). The session started at 11:30 sharply. The seminar was welcomed by Mrs. Preethamol P, (ASAP Coordinator). Principal Dr. HaseenaVA presided over the seminar and inaugurated the function. Dr. Azhar (IQAC coordinator) felicitated the seminar. Miss. Mini ASAP trainer handled an orientation session on the importance of communication skills in the present era. Seminar concluded with a vote of thanks by Rifa (III BBA) student.

### **Workshop on Capacity Building Programme in association with Mahindra Pride Classroom**

The workshop started at sharp 9.30AM on 25-07-2022 with a formal Inaugural function with welcome speech by Fathimath Thasleena K (Asst. Professor, Commerce department). After that, the workshop was inaugurated by Principal in charge Dr. Zainul Abid and he focussed on the importance of capability enhancement nowadays. The webinar was presided over by the Head of the Commerce department Mrs. Shameera M K (Asst. Professor, Department of Commerce). The technical session started at 10:00 AM by dividing final year B.com & BBA students into three batches it was handled by eminent mentors: Miss Rajeswari, Miss. Haritha, Miss. Chinju K Bhavani (Trainers, Mahindra).140 students participated in the workshop.

### **International Commerce Day**

On 1st August 2022 Dept. of Commerce and Management Studies of Mes Kalladi College, Mannarkkad observed International Commerce Day. As part of the observation a Quiz competition was being initiated by Miss. Fathimath Thasleena K and students of PG. The event was Inaugurated by Head of Department Miss.Shameera M K. Topic of the quiz competition titled to “A Quiz on the Start-up Missions in India.” Students were excited about the topic as it did concern them. 18 teams participated in the quiz & the first second and third positions were awarded with cash prizes. At the end of the event Head of department and other faculties awarded them with the prizes

### **Awareness Session on “Entrepreneurship: Support and Assistance from DIC”**

On 20th September 2022, Tuesday, Department of Commerce and Management studies and Entrepreneurship Development club of MES Kalladi college, Mannarkkad conducted an Awareness session on ‘Entrepreneurship support and assistance from DIC’. The technical session started at 11.15 am. Mrs. Shabna M K, Joint coordinator of Entrepreneurship Development club introduced the resource person, Mr. Rajesh Kumar T, Industries extension officer, Mannarkkad Block. This session was very informative and interesting to all. The session covered the schemes and incentives provided by Government and Industries Department for developing entrepreneurship participants. He motivated the students by giving various examples of successful entrepreneurs. Students asked their doubts, and it helps to know more about the provision of assistance and support from DIC, Kerala for various types of business ventures. And the program winded up by vote of by the student coordinator of ED club; Mr. Mohammed Ali K.V.

### **Idea Pitching Competition**

PG Department of Commerce organized an idea pitching competition on 17-10-2022 for Commerce students as part of innovation week. A total of 12 teams participated in the event. Each student had to come forward with their own interesting entrepreneurial ideas and showcase them to the panel. The panel was comprised of faculties of Commerce and Language. Judgment was based on varied criteria of creativity, viability, Marketability, communication skills, and innovation. Top performers were awarded cash prizes. This event helped the candidates in bringing out new ideologies and improving their presentation skills, leadership skills, and much more. This event at the end helped our students to explore their entrepreneurial spirit and enhance the creativity in their minds. Creative thinking and innovation are one of the most essential skills one would need in today's technical world. In the present circumstances, this event created an opportunity for budding graduates who are

interested to learn and grow in the aspect of entrepreneurship. This event helped students to acquire knowledge with much ease and enthusiasm in the area of start-ups and entrepreneurship. Student had a very positive response towards the overall events and were happy with this new experience. The feedback received from participants was analyzed and the coordinator received a very good response. Winners are: Riyan and Rifa (V sem BBA), Deepak, Fahis, Neeraj, Syed rajah & Mariyam Sumayya, Muhammed Fasal P

### **Workshop on Soft skill Development**

Workshop was started at sharp 9:30 AM. By proposing a welcome speech by Muhammed Rafi P (Asst. Professor, Commerce department). After that, the seminar was inaugurated by the Principal Dr. Haseena VA and she stressed speech about the importance of soft skill development among the students. The seminar was presided over by the Head of the Commerce department Mrs. Shameera MK (Asst. Professor, Department of Commerce). The technical session was started at 10: AM and handled by the eminent personality Mr. Akhilesh P (Trainer, ASAP Kerala).65 participants participated in the workshop. It involves various sessions which included activity-based sessions also. The session was very fruitful for all participants. It covered every basic aspect of developing soft skills like communication, empathy and emotional intelligence, Teamwork and time management, etc It will be very helpful for students and they were very enthusiastic in actively involved programme. The webinar was winded up at 4 PM with a vote of thanks by Mr. Muhammed Fasal P .(First sem B.Com student).

### **Seminar on Intellectual Property Rights**

The seminar started at sharp 1.30 PM. Welcome speech was delivered by Mr. Muhammed Rafi. P (Asst. Professor, Dept of Commerce). After that the webinar was inaugurated by the Principal Shihab and he talked the importance of conducting IPR related seminar. The webinar was presided over by the Head of the Commerce Department Mrs. Shameera MK (Asst. Professor, Department of Commerce). The technical session was started at 11:30 AM and handled by the eminent personality Smt.Faizunnisa. The topic was “**Basics of Intellectual Property Rights**”. The technical session was very fruitful to all participants. It covered every basic aspect of Intellectual property rights such as types of Intellectual property rights and their proper examples etc.The webinar wind up at 12.30 PM with vote of thanks by Jasna (Third Sem M.Com student).

**Department of English**

The strategy for teaching-learning and evaluation is good in the department. Faculty members of the department attended various professional development programmes. Department conducted a workshop on Research Methodology titled “Introduction to Research Methodology”. Department Conducted a seminar titled “The Perpetual Victim: The Muslim Woman Depiction in Malayalam Cinema”. They have organized talk on IPR and meet the entrepreneur programme. Students of the department brought laurels to the college in arts and sports. Department released a student magazine ‘splash 2.0’.

**Department of Physics**

The documentation process in the department is good and regularly updated. The faculty members of the department participate in professional development programmes. Department has the potential to elevate as a research centre. Department has organized seminars on IPR and Research Methodology. Day observations also have been conducted. As a part of the extension activity under the ‘SPARSAM’, the department has conducted an awareness programme ‘Star rating of equipments’ for the people in the ward 1 of Mannarkkad municipality. As a part of the extension activity under ‘SPARSAM’, the department has conducted a workshop on ‘Construction of Extension Board’ for the students of MES HSS, Mannarkkad.

**Department of Botany**

Department of Botany conducted a Seminar on Climate change a man-made change in connection with World Environment Day Observation 2022. As a part of this the Department in association with NCC and Bhoomithrasena also conducted an afforestation Programme. Fruit trees were planted in the campus. Students and faculties participated in the program. The Department of Botany conducted an interdepartmental documentary making competition in connection with Mangroves Conservation Day. The Department of Botany conducted Tiger Day observation in connection with World tiger day. Department of Botany in association with Bhoomithra sena club organized an interdepartmental speech competition. The Department of Botany observed World 11 Ozone Day. As part of this day a procession was held. Department of Botany organized a National Webinar on ‘TRANSITIONING AND GENDER IDENTITY’. The department has performed very well in the teaching-learning activities. The activities of the department in line with the green initiatives and environmental friendliness are appreciable.

**Department of Arabic and Islamic History**

The translation bureau of the department is functioning well. Department of Arabic & Islamic History organized an Entrepreneurship Programme in connection with International Women's Day. Department conducted book talks and Alumni talks. Department organized CUET Orientation at MES HSS. As part of green initiative, department conducted a visit to Kunthipuzha. Shihab AM, Faculty of the Department & Former Principal in Charge of the College awarded by India Book of Record as youngest Principal in Aided Colleges. The calligraphy competition conducted by department was notable one. The students of the departments usually bring laurels to the college especially in sports.

**Department of Economics**

Department conducted seminars related to research methodology, entrepreneurship and intellectual property rights. The students of the department have got many achievements in arts and sport. As a part of MoU, the department conducted a debate in association with ICDS. Conducted a debate on the topic 'dowry and domestic violence' in connection with gender equity programme.

**Department of History**

In connection with International Tribal day observance, the department conducted a seminar on Tribal Ethnicity, Culture, Rights and Modernity. Department conducted career talk and Alumni talk. The performance of the students in the University examination is good and the students have achievements in co-curricular activities.

**Department of Mathematics**

Department conducted a seminar in connection with the national statistics day on the topic 'Application of Statistics in Weather Forecast'. Department celebrated Pi-Approximation Day. Department of Mathematics conducted an alumni talk by Aboobacker P, Assistant Professor, Department of Mathematics, Govt. Engineering College, Sreekrishnapuram on the topic "Introduction to Cryptography". Department conducted seminars related to research methodology and intellectual property rights. Department of mathematics conducted a seminar on "Introduction to LATEX" in connection with the National Mathematics Day. Department organized Abacus teacher's training for teachers in ward level

**Department of Commerce (Self-Financing)**

Department conducts centralized internal examinations and hold class PTA meetings regularly. The placement and progression of the students of the department is good. Major activities of the department last year are

Webinar on Innovative techniques in Insurance

Soft skill development-Development of reasoning and aptitude

Gender Equity-Women Rights are Human Rights

Meet the Entrepreneur

Webinar on Research Methodology

**Department of Computer Science**

Department conducts centralized internal examinations and hold class PTA meetings regularly. The highlighted activities of the department in the last year are

Complete Workshop on Microsoft Excel

Digital Society Day-Debate

Computer Literacy Day-Typing Master Competition

International Webinar –BlockChain and NFT

Tech 4 All Women Empowerment Program

Extension programme Happy Hobby1 at Padavayal , Attappadi where awareness class about E- Commerce Application was conducted

Extension programme Life Lock at Pericholam, Mannarkkad where awareness program about cyber security and IT Act was conducted

**Department of Mass Communication and Journalism**

Department organized Radio News workshop and mentored by Mr Habeeb Rahman, casual newsreader cum translator at AIR Calicut. The Department of Mass Communication and Journalism conducted a seminar on Basics of Economics. A Photography workshop was organized by the department.



**Department of Food Technology**

The progression and placement of students of the Department are good. Department organized activities which are relevant to their curriculum. They have conducted two industrial visits last year. Major activities of the department are

- World food safety day celebration and seminar
- New Trends in Milk Products and Their Marketing, Latest Regulation Changes- Entrepreneurship talk
- Seminar on Latest Trends in the food industry

**Department of Psychology**

As the department came into existence in 2020 only and the first batch is yet to pass out, the core committee didn't make qualitative assessment of the department. The counselling activities are undertaken by the faculty members. The Department organized a seminar on Psychological First Aid for Substance Use Disorders. Other major activities are

- Mental Health Ambassadorship Programme
- World day for International Justice Day observation
- Faculties from department of Psychology visited 40 Anganavadees under ICDS to conduct awareness classes and campaigns for adolescents in the area on mobile addiction.
- World Mental Health week observation on the theme Make mental health and wellbeing for all a global priority with a name LA-MENTE
- World Mental Health week observation (10-10-2022 to 13-10-2022) on the theme Make mental health and wellbeing for all a global priority with a name LA-MENTE

**Department of Forensic Science**

As the department came into existence in 2020 only, the core committee didn't make qualitative assessment of the department. Department conducted seminars on intellectual property right and research methodology. Department organized seminar on Introduction to onboard accident Investigation and another one on Forensic Toxicology and Career Development in Forensic Science

**Department of Vocational Programmes**

The Department offer three B Voc Programmes: Dairy Science and Technology, Data Science and Analytics, Tourism & Hospitality Management. These programmes started in 2021. The department organized seminars on research methodology and IPR. The students of the B Voc programmes completed internship in various companies.

### Publications of Faculty Members

Sl No	Name of the teacher	Department	Title of the publication	Title of the Journal
1	K R Resmi, P Kannan	Physics	Power dependent surface plasmon coupled emission studies of metal dielectric - Metal Planar Structure	Materials today proceedings
2	P Muhammedali	English	The plight of refugees in Khushwant Singh's train to Pakistan	Journal of fundamental and comparative research
3	Muhammed Rafi P, Sreesha C H	Commerce	Do it services start-Ups in Kerala are under the shackles of Covid-19 pandemic-An evaluation across literatures and performance parameters	Journal of Education: Rabindra Bharati University
4	Snigdha.K, Mohammed Musthafa T.N, Mohammed Rashad. P, Abdullah M. Asiri, Tariq R. Sobahi, Mohammad Asad.	Chemistry	Comparative Green and Conventional Synthesis of 2-Hydroxy-1-naphthaldehyde based Barbiturates and Their DFT study	Polycyclic Aromatic Compounds
5	Mohammad Asad, Muhammad Nadeem, Arshad, Abdullah M. Asiri, Mohammed Musthafa T.N, Salman A. Khan, Mohd. Rehan, Mohammad Oves.	Chemistry	Synthesis of N-Methylspiropyrrolidine Hybrids for Their structural characterization, biological and Molecular Docking studies.	Polycyclic Aromatic Compounds
6	Mohammad Asad, Muhammad Nadeem Arshad , Mohammed Mustafa T.N. , Abdullah M. Asiri	Chemistry	Chitosan Catalyzed Novel Piperidinium Dicoumarol: Green Synthesis, X-ray Diffraction, Hirshfeld Surface and DFT Studies	Polymers

7	Mohammed Musthafa T.N, Snigdha. K, Abdullah M. Asiri, Tariq R. Sobahi, Mohammad Asad.	Chemistry	Green Synthesis of Chromonyl Chalcone and Pyrazoline as Potential Antimicrobial Agents - DFT, Molecular Docking and Antimicrobial Screening Studies	Journal of Molecular Structure
8	Mohammed Asad, Muhammad Nadeem Arshad, Ayyaz Mahmood, Syed Nazreen, Mohammad Mahboob Alam, Abdullah M. Asiri, Khalid A.Al-Amry, Hadi M. Marwani, Tariq R. Sobahi, T. N. Mohammed Musthafa	Chemistry	Comprehensive studies of spiropyrrolidines towards spectroscopic characterization, X-ray diffraction, Hirshfeld surface and DFT computations.	Journal of Molecular Structure
9	A.P Juliya, V.M Abdul Mujeeb, Peediyekkal Jayaram	Chemistry	Sunlight assisted photocatalytic degradation of methylene blue via mesoporous TiO <sub>2</sub> /RuO <sub>2</sub> binary nano system	Materials Letters
10	Juliya AP, Jayaram P, Abdul Mujeeb V M, Muraleedharan K	Chemistry	Enhanced photocatalytic degradation of methylene blue using TiO <sub>2</sub> /ZnO/Fe <sub>2</sub> O <sub>3</sub> Ternary nanocomposites,	Research and reviews, Journal of material Sciences
11	Juliya Acha Parambil, Peediyekkal Jayaram	Chemistry	Enhanced sunlight assisted photocatalyst degradation of cefixime using TiO <sub>2</sub> /RuO <sub>2</sub> /CuO ternary nanosystem	Materials Letters

12	Mohammad Asad, Muhammad Nadeem Arshad, Abdullah M. Asiri, Mohammed M. Rahman , Snigdha Kumaran and Mohammed Musthafa Thorakkattil Neerankuzhiyil	Chemistry	Chitosan–Cu Catalyzed Novel Ferrocenated Spiropyrrolidines: Green Synthesis, Single Crystal X-ray Diffraction, Hirshfeld Surface and Antibacterial Studies,	Polymers
13	P Divya, G Anagha, Bijoy Nhararangatt, Raghu Chatanathodi, H Sabrin, N Nourin, K H Fausia,K Padmakumar,Jose Deepthi, K Sandeep	Chemistry	Anion Exchange Reaction of CsPbBr <sub>3</sub> Perovskite Nanocrystals: Affinity of Halide Ion Matters	Chemistry Europe
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15	Syama P S, Sreeranjit Kumar C V	Botany	Evidence of diet supplementation with vitamin C protecting honeybees from Imidacloprid induced peroxidative damage: a study with <i>Apis cerana</i> <i>indica</i>	Sociobiology - An International Journal on Social Insects

### PhD Awarded

1. Reshmi K R (Department of Physics)
2. Muhammed Rafi P (Department of Commerce)