



# 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](mailto:info@meskc.ac.in)

# ANNUAL REPORT

## INTERNAL QUALITY ASSURANCE CELL



# 2020-21

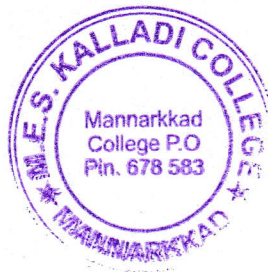
## PREFACE

The Internal Quality Assurance Cell was instrumental in quality enhancement activities of the institution. In the COVID pandemic period, IQAC played a significant role in introducing online modes of teaching and learning.

Internal Quality Assurance Cell of MES Kalladi college has organised an Faculty development programme on Technology enabled teaching and learning. The programme discussed the new technologies which aid the teaching learning process in the pandemic period. Further, the programme also shed a light into the new educational technologies which was happening around the globe.

The college has conducted various seminars on different topics of importance across disciplines. The internal quality and assurance cell has actively involved in the development of different quality initiatives for the better academic environment. We thank the contributions of different stakeholders in our journey towards quality education.

**Shihab AM**  
**Principal & Chairman, IQAC**



**Dr Haseena V 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																																				
<b>IQAC Members</b>																																					
<table border="1"> <thead> <tr> <th><b>Name</b></th> <th><b>Designation</b></th> </tr> </thead> <tbody> <tr> <td>Dr T K Jaleel, Principal</td> <td>Chairperson</td> </tr> <tr> <td>Dr. Haseena V. A</td> <td>Co-ordinator</td> </tr> <tr> <td>Dr. A. Azhar</td> <td>Joint Co-ordinator</td> </tr> <tr> <td>Dr. K. Sereena</td> <td>Joint Co-ordinator</td> </tr> <tr> <td>Mr. P. H. Muhammed</td> <td>Management Representative</td> </tr> <tr> <td>Mr. C.U. Mujib</td> <td>External Expert</td> </tr> <tr> <td>Mr.KCK Sydali</td> <td>Member from Industry</td> </tr> <tr> <td>Mr. Shihab AM</td> <td>Member</td> </tr> <tr> <td>Dr Renjith</td> <td>Member</td> </tr> <tr> <td>Mrs. UK. Saritha</td> <td>Member</td> </tr> <tr> <td>Mrs. A. Sajna</td> <td>Member</td> </tr> <tr> <td>Dr T Zainul Abid</td> <td>Member</td> </tr> <tr> <td>Dr. T. N. Muhammed Musthafa</td> <td>Member</td> </tr> <tr> <td>Mrs. Jasmin</td> <td>Member from Office Administration</td> </tr> <tr> <td>Mr. Unni Mukunandan</td> <td>PTA Representative</td> </tr> <tr> <td>Adv. Ajith</td> <td>Alumni Representative</td> </tr> <tr> <td>Chairman, College Union</td> <td>Student Representative</td> </tr> </tbody> </table>		<b>Name</b>	<b>Designation</b>	Dr T K Jaleel, Principal	Chairperson	Dr. Haseena V. A	Co-ordinator	Dr. A. Azhar	Joint Co-ordinator	Dr. K. Sereena	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	Mrs. A. Sajna	Member	Dr T Zainul Abid	Member	Dr. T. N. Muhammed Musthafa	Member	Mrs. Jasmin	Member from Office Administration	Mr. Unni Mukunandan	PTA Representative	Adv. Ajith	Alumni Representative	Chairman, College Union	Student Representative
<b>Name</b>	<b>Designation</b>																																				
Dr T K Jaleel, Principal	Chairperson																																				
Dr. Haseena V. A	Co-ordinator																																				
Dr. A. Azhar	Joint Co-ordinator																																				
Dr. K. Sereena	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																																				
Mrs. A. Sajna	Member																																				
Dr T Zainul Abid	Member																																				
Dr. T. N. Muhammed Musthafa	Member																																				
Mrs. Jasmin	Member from Office Administration																																				
Mr. Unni Mukunandan	PTA Representative																																				
Adv. Ajith	Alumni Representative																																				
Chairman, College Union	Student Representative																																				
No. of IQAC meetings held	13																																				

Seminars and Conferences (only quality related)

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

Total No.	48
International	7
National	8
State Level	4
Institution Level	29

(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**

Chalked out faculty development programmes for teaching and nonteaching staffs

Initiated efforts to introduce new courses

Recommendation for more research centers

Incentives for teachers for the promotion of research

Strengthened research promotion council to increase the article

publications in UGC care listed journals

## REPORT

### **Faculty Development programme on Technology enabled teaching and learning**

Internal Quality Assurance Cell of MES Kalladi college has organised an Faculty development programme on Technology enabled teaching and learning on 18.07.2020. Dr. Haseena V A, IQAC coordinator has performed the welcome address. Dr. Jaleel T K has inaugurated the programme. The programme discussed the new technologies which aid the teaching learning process in the pandemic period. Mr Shihab A M proposed the votes of thanks for this programme.

### **International research scholars meet**

College has organized an international research scholars meet & scientific discussion on 22.8.2020 in association with department of Chemistry. Different scholars have discussed their research field from different research lab across the globe.

### **National webinar on Profitable investment after pandemic**

College has conducted a National webinar on Profitable investment after pandemic on 7-10-2020. The seminar was inaugurated by Dr T K Jaleel principal in charge MES KALLADI College Mannarkkad. Dr. Sony Thomas, Associate professor, Indian Institute of Management, Calicut delivered a key note address. The seminar has discussed the both traditional and modern investment avenues

### Activities organised by various departments

#### Department of Chemistry

Being a research department, members of faculty has published 2 research papers and in various journals of international repute. It has also engaged in High quality Hand Sanitizer Preparation, Covid 19 Awareness programme and National Science Day celebration. Department also conducted, Dry rubber content analysis (Determination of field latex) as part of their outreach programme. In the year 20-21, the department has obtained three student research projects to KSCSTE. The department has conducted REPULSION 2020, Alumni meet of department of chemistry on 2<sup>nd</sup> October 2020. As a part of their green initiative, the department has organised awareness programme on water and energy conservation and waste management, Paper waste generation & paper waste re-cycling and appointed green volunteers to look after the initiatives.

The other activities of the department are as follows:

1. Organized webinar on “mental health perspective on gender equity” on 17.12.2020
2. Conducted national webinar on “how to set up career prospects in chemistry on 06.08.2020
3. Conducted a quiz competition on “women and the world” on 9.03.2021
4. Organized an international webinar on artificial virus: chemical approaches towards gene therapy applications” on 27.09.2020.
5. Conducted a national webinar on “fundamentals of intellectual property rights on 14-10-2020.
6. Conducted webinar on bridging the gap between IPR and academic research on 15/12/2020
7. Conducted webinar on the relationship between the unemployment and English and how to learn English at your comfort zone 21/12/2020
8. Organized webinar on hands on training in computational chemistry- a new approach to understanding & solving chemical problems 30/01/2021
9. Conducted national science day celebration-2021-essay competition on pandemic disease & vaccination 08/03/2021
10. organized gender equality poster making competition on 15.03.2021

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

Department of Commerce has documented their activities in a proper manner and contributed their part in the quality enhancement process of college. Department provides Free Tax Consultancy service and Legal Aid as part of their extension programme. The college has n MOU with Happy valley business school Yuvakshetra college, Mundoor during year 20-21. Two research articles were published by the department.

The other activities of the department are as follows:

1. Organised a College level webinar on Carrier Guidance by CMA Anas K,Vice chairman, ICAI Calicut Malappuram Chapter on 06-07-2020
2. Conducted a National webinar on Stock Exchange by Sanil Abraham, NSE on 08-10-2020
3. Organised a National webinar on Research Methodology by Dr. Abdul Salam, Assistant Professor, Farook College on 19-10-2020
4. Conducted a National webinar on IPR by Dr. Lawwellman P Assistant Professor, Govt Law College, Calicut on 23-10-2020
5. Conducted a International Webinar on Bitcoin by Mr. Bilal Muhammed, Project Manager, International Bank of Qatar on 6-11-2020
6. Organised an International Webinar Become an Intrapreneur: the most valuable player, Dr. Sangeeth Ibrahim, Head of Learning and development, First Abu Dhabi bank on 27-11-2020
7. Conducted a National webinar on Power of Empowerment by Archana Aravindan, Assistant professor Kerala Varma College, Trissur on 1-02-2021
8. Organised a National webinar on Rural Entrepreneurship by Dr. Shincy C M, Dept of Higher Education, Ministry of Education, Govt. of India on 17-02-2021
9. Conducted SPSS Workshop by Nabeel Muhammed, Ph. D Research Scholar on 29-03-2021

### **Department of English**

Department of English has documented their activities in the proper manner. Department has conducted PTA meeting through online mode. Department has made one MOU with an educational institution. Webinars and workshops are conducted through online as well as in offline mode. Different programme on Career guidance, skill development and environmental awareness were organized by the department. Moreover, Programme on Research Methodology and Intellectual property are also organized during the academic year 20-21

### **Department of Physics**

Department of physics has done their quality documentation process in a very systematic manner. As a part of Ozone Day on 16th September, the Department of Physics conducted a quiz competition with the participation of students from all departments of the College. Department has conducted an international webinar on the ‘Non Equilibrium Phonon Dynamics in Laser Excited Antimony’, on (24th September 2020, Thursday at 2.30 pm IST) through Google meet for the students, research scholars and teaching faculties. Dr. Fairoja C.K, Researcher, Uppsala University, Sweden was the Resource Person. Moreover, Department has conducted a National Webinar on “How to Observe Black Holes?” on 26<sup>th</sup> November 2020. The Webinar conducted in online platform of Google Meet at 3.00pm. Dr. Santabrata Das, Associate Professor, IIT Guwahati was the Resource person of the national webinar

The other activities of the department are as follows:

1. Conducted a Regional webinar on Research methodology in non-linear dynamics on 29/09/2020
2. Organized a webinar on Intellectual property rights on 25/11/2020
3. Conducted International space week celebration- photography competition and Paper presentation series from 8/10/20 -10/10/20
4. Organized National Science Day celebration- workshop on scientific article writing on 28/02/2021
5. Organized an Inter collegiate power point presentation competition 09/03/2021
6. Conducted Women’s Day programme on Menstrual Hygiene and related health issues on 08/03/2021



### Department of Botany

Department of botany has done a very good Contribution in the improvement of quality process of the college. A webinar on IPR on the topic Research Ethics and PG Dissertaion was conducted on 16<sup>th</sup> November 2020. Conducted a Poster Competition and Lock down green tales-Farming experience during lockdown period. **Herbella** – You tube video series on indigenous medicinal plants created by Final BSc Botany students of MES Kalladi College Mannarkkad This is to familiarize the indigenous medicinal plants and their role in traditional medicine. Department of Botany started Certificate course on Mushroom cultivation and zoology department started Aquaculture. ‘Kokedama’ a home gardening preparation technique were given to Students. Started a Vegetable Challenge programme on 3<sup>rd</sup>September 2020. The aim of the programme is to cultivate organic vegetables and donate the same for the society. Biodiversity survey was conducted to identify the Local Bird diversity on November 2020.

The other activities of the department are as follows:

1. Conducted a webinar- what the river tells in wilderness- An experience from Athirappally on 6/08/2020
2. Organized a Webinar on Tiger, wildlife photography on 07/08/2020
3. Organised online quiz- in connection with Ozone Day on 16/09/2020
4. Conducted a Photography contest, Essay writing competition and Online Quiz on 02/10/20 – 08/10/20
5. Conducted Environment Day talk on “Importance of butterfly garden in the institution & its maintenance” on 05/10/20
6. Organised International Webinar on “Career trajectory – in global perspective” on 07/10/20
7. Organised International Webinar on Environmental conservation 07/11/20
8. Conducted Online quiz on AIDS Day 01/12/2020
9. Conducted Visualization of “Empowered Women Empower Women” on 10/01/2021
10. Conducted Online Cartoon. Poster making & Collage making Competition on 21/3/21 & 22/3/21
11. World Forest Day & World Water Day celebrations
12. Film show & Awareness classes on importance of Wildlife and its conservation

### **Department of Arabic and Islamic History**

Department of Arabic and Islamic history has organized different academic programmes to enrich the academic quality in the college. Submitted a proposal for seminar series on “Malabar: History and Culture” to Mahakavi Moin Kutty vaidyar Mappila Kala Academy Kondotty Cultural Department Govt. of Kerala. Fathimath Fouziya. M: Submitted a paper to publish in a care listed journal ‘Kalikkoot’ Department of Arabic University of Calicut.

The other activities of the department are as follows:

1. Inauguration of Starts up group and Workshop on Calligraphy by google meet on 24/10/ 2020.
2. Conducted Gender Equity Program named ‘Fly with your own Wings’ on 04/12/2020.
3. Conducted an International Webinar in connection with World Arabic Day on 18/12/2020.
4. Conducted Gender Equity Program named ‘Tactics of Self Defense & Awareness of Cyber Security’ on 23/02/2021.

### **Department of Economics**

Department has arranged their document in the proper manner. Department has collaborated with John Mathi Center, Aranattukara, University of Calicut. Department has conducted a survey on Social Impact of lockdown in Kerala. Ten journal publications are in the credit of department during 20-21.

Other activities of the department are as follows:

1. conducted an international webinar on impact of covid 19 on elderly: a case study based on Australia on October 8<sup>th</sup> 2020
2. conducted an Intellectual Property Rights: issues and challenges on October 3<sup>rd</sup> 2020 under the monitoring of IQAC and IPR cell mes Kalladi college Mannarkkad
3. conducted a webinar on approaches and methodologies in social science Research on 29<sup>th</sup> December 2020
4. Conducted a webinar on 2gender equality: challenges and solutions on 25/11/20

### **Department of History**

Department of history maintained their records in a proper manner and considered to be one of the main research centre in tribal research. Alumni meeting was conducted by the department on 2/10/2020 and the Alumni provided merit scholarships to three students. Conducted an INTERNATIONAL WEBINAR on 08/10/2020. Dr. Thomas Edmunds was key resource of the session. Department also hold a NATIONAL WEBINAR on 12/08/2020. Dr. Sana Aziz, Aligarh Muslim University, UP was key resource of the session.

Other activities of the department are as follows:

1. Organized a freedom quiz on 15/08/2020
2. Organized a IPR webinar on 09/10/2020
3. Conducted a national webinar on 01/11/2020
4. Conducted a orientation programme on 04/11/2020
5. Conducted a importance of English in your career on 15/12/2020
6. Conducted a talk on gender sensitivity in history on 28/11/2020
7. Organized a IPR & historical writing on 12/12/2020
8. Organized a research methodology on 20/01/2021
9. Conducted a gender sensitivity in history on 28/11/2020
10. Conducted a IPR & historical writing on 12/12/2020
11. Conducted a women's day on 08/03/2021

### **Department of Mathematics**

Department of mathematics has maintained their files in a proper manner. It has contributed the quality enhancement process of the College. Department has conducted webinar on Intellectual property rights, research Methodology and Entrepreneurship. Class PTA meeting was organised by department of mathematics for each semester

### **Department of Commerce (Self)**

Department wise file documentation has done in a proper way. Department has organized various seminar and webinars related to IPR Research Methodology and Entrepreneurship. Department has organized webinar on National webinar on Professional career opportunities in Commerce On 06/07/2020. The department also conducted a National Webinar on National webinar on Project report preparation on 19/10/2020.

The other activities of the department are as follows:

1. Conducted a National webinar on profitable investment during and after the pandemic on 07/10/2020
2. Organised an Introduction to Security Market on 08/10/2020
3. Conducted an International webinar- “Become an intrapreneur, the most valuable player.” on 16/10/2020
4. Conducted a National webinar on Fundamentals of Intellectual Property Rights on 23/10/2020

### **Department of Computer Science**

Department of Computer science has done their documentation process in the correct manner. Department has organised a workshop on Ethical Hacking on 28/05/2020. Moreover, conducted a webinar on Artificial Intelligence & Machine Learning on 07/08/2020. Department has conducted PTA meeting in every semester. Teachers are developed the E-Content and are uploaded in MES Voice.

The other activities of the department are as follows:

1. Conducted a webinar on Exploring Dark side of the Internet on 20/06/2020
2. Organized a seminar on Working with IOT devices on 09/10/2020
3. Organized a seminar on Cyber laws & cybercrime on 20/10/2020
4. Conducted a seminar on Software service Delivery & IT on 24/10/2020
5. Organized a seminar on Cyber security Awareness-(How do they hack & how to secure) 30/11/2020
6. Conducted a seminar on How to develop software on 28/07/2020
7. Organized a seminar on Academic projects and its importance on 08/09/2020
8. Conducted a seminar on Blaze the trial on 06/10/2020

9. Organized a seminar on Job Hunt & Interview Preparation on 30/11/2020
10. Conducted a seminar on Importance of English in Career on 15/12/2020
11. Organized a seminar on Graphics-designing on 21/01/2021
12. Conducted a seminar on Cyber security on 22/01/2021
13. Organized a seminar on Gender equality & equity-An introduction on 02/02/2021
14. Conducted a seminar on Equality has no gender on 02/12/2020
15. Organized a seminar on Covid-19 Online Quiz on 17/05/2020
16. Conducted a seminar on Cyber security online Quiz on 30/11/2020
17. Organized a seminar on Poster making Competition 08/03/2021
18. Organized a seminar on National Women's Day based Online Quiz on 06/03/2021

### **Department of Mass Communication**

Department has documented their files in proper format. Department has organized a media fest during the year 2020-21. Moreover, it has conducted Research Methodology Workshop, seminar on Intellectual property right and film review workshop and reporting and editing class Department has conducted the PTA meeting at in each semester.

### **Department of Food Technology**

Department of food technology documented their activities in systematic manner., Department of Food technology conducted several seminar sessions. Persons from different sections joined as our guest and students from all the three batches participated to gain or improve their knowledge. National Webinar on Emerging Trends and Challenges in Food Processing Sector in the Coming Decade on 08-(DECEMBER)- 2020

The other activities of the department are as follows:

1. Conducted a webinar on Innovation and Intellectual Property Rights Law- An Overview of Indian Law by Mr. Mohanraj TP, Associate Advocate, High Court of Kerala,16-10 -2020
2. Organized an online Baking Workshop by Mrs. Raseena Nabeel on 08-October-2020.
3. Organized National Webinar on Gender Equity on Mental Health by Mr. Firoz Ali K, Social Worker and Counselor on 13-01-2021

**Department of Psychology**

Department of psychology is a new department, there is no much activities in the department

**Department of Forensic Science**

Department of Forensic Science is a new department, there is no much activities in the department

**Vocational Programme**

Since, Vocational programmes are new to the college, there is no much activities in the department

## PUBLICATIONS OF FACULTY MEMBERS

Sl No	Name of the teacher	Department	Title of the publication	Title of the Journal
1	Sajna A	English	The Labyrinth of Cast: A Genealogy of Outcast in Ants Among Elephants	IJAR
2	Sreenivasan K P	Chemistry	Synthesis of Na <sup>+</sup> /Ca <sup>2+</sup> ions modified TiO <sub>2</sub> xerogels through co precipitation method	Indian Journal of Chemistry
3	Abdul Azees K. A	Commerce	A study on impact of demographic profile of a marketer on business performance	STRAD research
4	Asmabi K	Commerce	A study on impact of demographic profile of a marketer on business performance	STRAD research
5	Latha M	Commerce	A study on impact of demographic profile of a marketer on business performance	STRAD research
6	Fathimath Shabana P. K	Commerce	A study on impact of demographic profile of a marketer on business performance	STRAD research
7	Shabna M. K	Commerce	Gig economy -redefining the future workforce	STRAD research
8	Resmi K. R	Physics	Plasmon coupled emission tuning and emission enhancement for biosensor applications	Applied Physics Express

**Ph D Awarded**

1. Asad P (Department of Economics)
2. Yasmin C K (Department of Commerce)