

# MES COLLEGE MARAMPALLY

## Research Promotion Council 2020-21

**Research Promotion Council** has been reconstituted on 13 October 2020 with Dr. Shemi P M, Assistant Professor of Department of Electronics as Coordinator and two faculty members each from Science, Social Science, Arts and B.Voc departments as members.

The action plan for the year was discussed in the RPC meeting held on 2 November 2020. To promote research activity among students and staff, we have planned to conduct monthly paper presentations of students/faculty. Accordingly, we had conducted four paper presentation series from the month of December 2020. Altogether 13 presentations were done, which included 8 student presentations and 5 faculty presentations. The presentations were evaluated by two faculty experts and the review and suggestions for further improvement were given by them.

The activities of RPC and the first presentation series was inaugurated by Dr. M V Rajesh, Associate Professor of Department of Electronics Engineering, Govt. Model Engineering College, Thrikkakara on 17 December 2020. In his address, He mentioned that the role of research in an academic institution is significant for its sustainability and development, and it is imperative to have knowledge-driven growth based on innovation. The quality of research work directly translates to the quality of teaching and learning in the classroom, thereby benefiting the students, the society and the country.

The other series started with an introductory speech by senior faculty members of the college. The presentations were done online via Google meet. The PG students from various departments attended the programme.

### **FORTIS**

It has been decided to publish the selected papers presented in 'ESPERANZA 2k20' - an **International Conference on 'A Glimpse into the Future of Sports and Allied Science Sectors'** organized by Department of Physical Education during 27-29 October 2020, in the research journal **Fortis** as a special issue and it is under processing.

The college initiated **Dr. APJ Abdul Kalam Chair for Research, Innovation and Technology** and it was inaugurated by Padma Shri Ali Manikfan on 3 March 2021, and RPC is a part of it.

The details of presentation series are listed below.

### **Paper Presentation – Series I**

**17 December 2020 @ 2 pm**

**Introductory Speaker:** Dr. M V Rajesh, Associate Professor of Department of Electronics Engineering, Govt. Model Engineering College, Thrikkakara

**Papers:**

1. Student's state of mind during the covid period - Anfal N. R, Rose Maria Roy, Aswathy P. S, S6 BVoc Logistics
2. Perceived Stress and Emotional Intelligence among Nurses - Fathima Nourin , 1 Sem MSc. Psychology St. Teresa's college, Ernakulam and Rashmi.P Assistant Professor, MES College, Marampally
3. Performance Comparison of Power Optimization Algorithms for SBJ Scheme - Dr. Shemi P M, Assistant Professor, Department of Electronics, MES College Marampally.

**Feedback on Paper Presentations:**

1. Dr. M V Rajesh, Associate Professor of Department of Electronics Engineering, Govt. Model Engineering College, Thrikkakara
2. Dr. Rafeekamol C A, Head, Department of Commerce, MES College Marampally

**Paper Presentation – Series II****14 January 2021 @ 2 pm**

**Introductory Speaker:** Dr. Sopna V Muhammed, Head, Department of Business Administration, MES College Marampally

**Papers**

1. Deep learning intelligent system for the extraction of features of MRI images - Aseel S M, S6 BCA, MES College Marampally
2. The flaws in Indian Education System – Mohammed Shanaz, S4 BVoc Logistics, MES College Marampally
3. Online Banking Services and Covid 19 with special reference to Ernakulum District - Smt. Rameena K A, Assistant Professor, Department of Commerce, MES College Marampally

**Feedback on Paper Presentations:**

1. Dr. Sopna V Muhammed, Head, Department of Business Administration
2. Ms. Shareena E M, Assistant Professor, Department of Electronics

**Paper Presentation – Series III****18 February 2021 @ 10 am**

**Introductory Speaker :** Dr. Raphika P M, Associate Professor, Department of Electronics, MES College Marampally, Aluva

**Papers**

1. Image Segmentation Methods for Wound Assessment – Arjun V S, II MSc Computer Science, MES College Marampally
2. Identity Crisis of Third Gender and the Role of Literature in Emancipation; A Study on The Truth about Me : A Hijra Life Story by A. Revathi– Athira Saju and Binitha Benny, II MA English, MES College Marampally
3. The rise in misinformation in the age of social media - Benjamin Koshy Biju, S6 BCA, MES College Marampally

4. Acceptance and Survival of the 'New Normal' in HRM of IT Industry during Covid-19 Pandemic - Mr. Shajin P and Ms. Neenu Joseph, Assistant Professors, Department of Logistics Management, MES College Marampally

**Feedback on Paper Presentations:**

1. Dr. Raphika P M, Associate Professor, Department of Electronics
2. Dr. Julie M David, Assistant Professor, Department of Computer Applications

**Paper Presentation – Series IV**

**18 March 2021 @ 10 am**

**Introductory Speaker :** Dr. Umesh B T, Head, Department of Biosciences, MES College Marampally, Aluva

**Papers**

1. Influencing Factors: Achievement Motivation among College Students –Ms. Sameera M A, I MSc Psychology, MES College Marampally
2. Deep Learning Based Image Super-Resolution: An Investigation on Unmanned Aerial Vehicle Images Using Generative Adversarial Network- Ms. Shareena E M, Assistant Professor, Department of Electronics, MES College Marampally
3. The 'Epistemological Uncertainty' of Oblivion: Exploring the Variations of Memory in Sadeq Hedayat's The Blind Owl - Mr. Rajeesh Rajkumar, Assistant Professor, Department of English, MES College Marampally

**Feedback on Paper Presentations:**

1. Dr. Umesh B T, Head, Department of Biosciences
2. Ms. Razeena Ashraf, Assistant Professor, Department of Psychology

**Constitution of RPC**

**Coordinator**

Dr. Shemi P M (Department of Electronics)

**Members**

**Science**

1. Smt. Jaseena K U (Department of Computer Applications)
2. Dr. Mini K Paul (Department of Biosciences)

**Social Science**

3. Dr. Sheeba K H (Department of Business Administration)
4. Dr. Rashmi P (Department of Psychology)

**Arts**

5. Smt. Anupama Murali (Department of English)

**BVoc**

6. Smt. Sajana K Muhammed (Department of Logistics Management)
7. Sri. Amal Saroj (Department of Industrial Instrumentation & Automation)
8. Smt. Ashika K A (Department of Software Development & System Administration)

Dr. Shemi P M  
Coordinator, RPC