



**CRITERIA-3**  
**Research Innovations and Extension**

**REVISED AS PER THE REQUIREMENT OF DVV**

**3.3.2: Number of Books and Chapters in Edited Volumes and Papers Published in National/international Conference Proceedings Per Teacher During Last Five Years**

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## Introduction

The faculty members of our college have been actively involved in academic and research activities, contributing to the field of knowledge through their publications. From 2017 to 2021, they have published numerous papers in various conferences and authored several books and book chapters.

The first dataset showcases the books and book chapters published by our faculty. These publications span a wide range of topics, reflecting the diverse interests and expertise of our faculty members. The authors have shared their knowledge and insights through these publications, contributing to the academic community and beyond.

The second dataset presents the papers published by our faculty in different conferences. These papers, presented at both national and international platforms, demonstrate the active participation of our faculty in scholarly discussions and debates. They have shared their research findings, contributing to the advancement of their respective fields.

These publications, both books and conference papers, highlight the commitment of our faculty to research and knowledge dissemination. They have not only enriched the academic community with their contributions but also enhanced the learning experience of our students, providing them with up-to-date knowledge and stimulating discussions.

<b>Consolidated Data</b>			
<b>Year of publication</b>	<b>Number of Books/Chapters</b>	<b>Number of Papers</b>	<b>Total</b>
2017-2018	1	0	1
2018-2019	6	0	6
2019-2020	3	2	5
2020-2021	10	0	10
2021-2022	6	10	16
<b>Total</b>	<b>26</b>	<b>12</b>	<b>38</b>

## Summary of Books/Chapters

### 1. Mukham Marakkatha Pusthakam (Book: Aligarh Malayalam) (A book that never forgets a face)

- Author Name: Dr Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2017-2018
- Name of the Publisher: Poorna Publications, Calicut
- ISBN Number: 978-81-300-2004-4
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Aligarh\\_.pdf](https://wmocollege.ac.in/uploads/Aligarh_.pdf)

### 2. Social Banking In India- Role of Rural Cooperative Credit and Banking Institutions (Book: Rural Development of India)

- Author Name: Mahmood Aslam K
- Department of the Teacher: Bcom Cop
- Year of Publication: 2018-2019
- Name of the Publisher: PG Department of Commerce
- WMO Arts and Science College, Muttill, Wayanad, Kerala
- ISBN Number: 978-93-5321-668-9
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Rural\\_development.pdf](https://wmocollege.ac.in/uploads/Rural_development.pdf)

### 3. A Study On The Influence of Msmes among the youth and a critical study on the industrial Sickness Of Msmes

- In Malabar Area of Kerala (MSME In India)
- Author Name: Muhammed Rafi N
- Department of the Teacher: Bcom Cop
- Year of Publication: 2018-2019
- Name of the Publisher: The Bhopal School Of Social Sciences, Barkathullah University, Bhopal
- ISBN Number: 978-81-939110-7-5
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/msme\\_10-Jul-2023\\_19-44-59.pdf](https://wmocollege.ac.in/uploads/msme_10-Jul-2023_19-44-59.pdf)

4. A Study of Land Alienation and educational Status of Irula and Kurichya Tribes in Kerala (Book: Rural Development Of India)

- Author Name: Dr Said Mohammed V.H
- Department of the Teacher: Economics
- Year of Publication: 2018-2019
- Name of the Publisher: PG Department of Commerce
- WMO Arts and Science College, Muttill, Wayanad, Kerala
- ISBN Number: 978-93-5321-668-9
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/Saideconomicschapter.pdf>

5. What Hindered the Rural Development? Inspecting the Indian Womanhood in the Weed and Nagamandala (Book: Rural Development of India)

- Author Name: Noufal Muneer K
- Department of the Teacher: English
- Year of Publication: 2018-2019
- Name of the Publisher: PG Department of Commerce
- WMO Arts and Science College, Muttill, Wayanad, Kerala
- ISBN Number: 978-93-5321-668-9
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/DocScanner\\_Jul\\_14,\\_2023\\_11-33\\_AM.pdf](https://wmocollege.ac.in/uploads/DocScanner_Jul_14,_2023_11-33_AM.pdf)

6. Self-reliance through make in India- Relevance of Gandhian thoughts in the context of Swadeshi Movement (Book: Gandhian Thoughts, Different perspectives)

- Author Name: Mahmood Aslam K
- Department of the Teacher: Bcom Cop
- Year of Publication: 2018-2019
- Name of the Publisher: UGC Human Resource Development Centre, University of Calicut
- ISBN Number: 978-81-940704-0-5
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/gandhian\\_thoughts.pdf](https://wmocollege.ac.in/uploads/gandhian_thoughts.pdf)

## 7. Rural Development of India

- Author Name: Muhammed Rafi N
- Department of the Teacher: Bcom Cop
- Year of Publication: 2018-2019
- Name of the Publisher: PG Department of Commerce
- WMO Arts and Science College, Muttill, Wayanad, Kerala
- ISBN Number: 978-93-5321-668-9
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Rural\\_development1.pdf](https://wmocollege.ac.in/uploads/Rural_development1.pdf)

## 8. P K Kalan Gothrakalayudeyum Rashtreeyathinteyum Prathinidanam (Book Adivasi: -Bhasha Samskaram) (P K Kalan Representation of tribal art and politics)

- Author Name: Dr Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2019-2020
- Name of the Publisher: Kendra Sahithya Academy
- ISBN Number: 978-93-89195-34-7
- Link to the Book/ Chapter: <https://wmocollege.ac.in/uploads/adivasi.pdf>

## 9. A Study on The Reasons Behind and Remedies to prevent Suicide Of Farmers in Kerala With Special Reference To Wayanad (Book: farmers Suicide In India, Causes Consequences and Mitigation)

- Author Name: Muhammed Rafi N
- Department of the Teacher: Bcom Cop
- Year of Publication: 2019-2020
- Name of the Publisher: Grabs Educational Charitable Trust
- ISBN Number: 978-19-36929-6-7
- Link to the Book/ Chapter: [https://wmocollege.ac.in/uploads/farmer\\_suicide.pdf](https://wmocollege.ac.in/uploads/farmer_suicide.pdf)

## 10. Sketches on Developing India: A Socio Economic Perspective

- Author Name: Muhammed Rafi N
- Department of the Teacher: Bcom Cop
- Year of Publication: 2019-2020
- Name of the Publisher: Academic Publications Wing, PG Dept Of Commerce WMO Arts and Science College, Muttill, Wayanad
- ISBN Number: 978-93-5382-670-3
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/sketches.pdf>

## 11. Makzanul Mufradath( Edited Manuscript) (Store of Vocabulary)

- Author Name: Dr. Yoosuf V K
- Department of the Teacher: Arabic
- Year of Publication: 2020-2021
- Name of the Publisher: Moyinkutty vaydyar Academy kondoty, Department of Cultural Affairs , Govt of Kerala
- ISBN Number: 978-87-936200-4-5
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/mahasan-nadwi.docx>

## 12. Migration and Assimilation; Dilemma of Existence in Susan Abdul Hawa's Morning in Jenin (Book: Dilemmas of Contemporaneity in the Twenty firstCentury Literature: Voices of Dissent and Reparation)

- Author Name: Dr. Fayiz Abdulla K
- Department of the Teacher: English
- Year of Publication: 2020-2021
- Name of the Publisher: Made in the USA Columbia SC
- ISBN Number: 979-8690761776
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/Dilemmas1.pdf>

### 13. Sensors and Transducers

- Author Name: Dr. Nobert Thomas Pallath
- Department of the Teacher: Electronics
- Year of Publication: 2020-2021
- Name of the Publisher: The Calicut University central co-operative store Ltd.No4347
- ISBN Number: 621.3841.31NOB/8
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/sensers\\_Tran.pdf](https://wmocollege.ac.in/uploads/sensers_Tran.pdf)

### 14. Athidhi Adyapakante Thirumurivukal (Book: Kovid kaalam: Anubhavam, Vicharam, Vicharana) (Guest lecture's Note: Covid Time, Experiences, thought and trial)

- Author Name: Shyjup. K
- Department of the Teacher: Malayalam
- Year of Publication: 2020-2021
- Name of the Publisher: Sahora Books, Padanna
- ISBN Number: 978-93-5408-161-3
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/Shyju.pdf>

### 15. M Haleema Bheeviyude Jeevitham ; Pathraathibha (The life of M Haleema Beevi)

- Author Name: Noorjahan
- Department of the Teacher: Social Work
- Year of Publication: 2020-2021
- Name of the Publisher: Bukkafe
- ISBN Number: 978-81-945809-0-4
- Link to the Book/ Chapter:  
<https://www.zyberbooks.com/product/pathradhipa-m-halimabeeviyude-jeevitham/>  
<https://wmocollege.ac.in/uploads/noorjahan-pathrathipa.docx>



**16. Valluvanad (1920-2020) Athijeevanathinte 100 Varshangal-  
(Velluvanadu, 100 Years of survival)**

- Author Name: Dr Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2020-2021
- Name of the Publisher: Global KMCC, Puzhakkattiri Panchayath
- ISBN Number: 978-93-5407-110-2
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/valluvanad.pdf>

**17. EMS nte Muslim Rashtreeya Charithra Samskara Sameepanangal (Book:  
Valluvanad (1920-2020) Athijeevanathinte 100 Varshangal)  
(Approaches of EMS on Muslim History and Culture approaches) (Velluvanadu,  
100 Years of survival)**

- Author Name: Dr Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2020-2021
- Name of the Publisher: Global KMCC, Puzhakkattiri Panchayath
- ISBN Number: 978-93-5407-110-2
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/valluvanad.pdf>

## 18. DFT and Molecular Docking Studies of a Set of Non Steroidal Anti Inflammatory Drugs: Propionic Acid Derivatives

- Author Name: Shahina P H
- Department of the Teacher: Chemistry
- Year of Publication: 2020-2021
- Name of the Publisher: Intech Open
- ISBN Number: 978-1-83881-083-2
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/DFT\\_and\\_Molecular.pdf](https://wmocollege.ac.in/uploads/DFT_and_Molecular.pdf)

## 19. Dr. Hamza Abdulla Malaibari (Book: Keralavum Arabiyum) (Kerala and Arab)

- Author Name: Dr. Yoosuf V K
- Department of the Teacher: Arabic
- Year of Publication: 2020-2021
- Name of the Publisher: University College, Trivandrm
- ISBN Number: 978-93-53613-93-8
- Link to the Book/ Chapter:  
<https://wmocollege.ac.in/uploads/1-1.pdf>

## 20. Electronic Circuits

- Author Name: Dr. Nobert Thomas Pallath
- Department of the Teacher: Electronics
- Year of Publication: 2020-2021
- Name of the Publisher: The Calicut University central co-operative store Ltd.No4347
- ISBN Number: 978-93-92143-71-7
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Adobe\\_Scan\\_12\\_Jul\\_2023.pdf](https://wmocollege.ac.in/uploads/Adobe_Scan_12_Jul_2023.pdf)

## 21. Microcontroller and Interfacing

- Author Name: Abdul Rasheed
- Department of the Teacher: Electronics
- Year of Publication: 2021-2022
- Name of the Publisher: The Calicut University central co-operative store Ltd.No4347
- ISBN Number: 978-93-92143-08-3
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/DocScanner\\_12-Jul-2023\\_12-](https://wmocollege.ac.in/uploads/DocScanner_12-Jul-2023_12-)

## 22. Malayalam Achadiyum Kerala Muslimkalum (Book: Vaakkile Lokangal) ( Malayalam Printing and kerala Muslims-Words in Worlds)

- Author Name: Dr. Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2021-2022
- Name of the Publisher: Sahitya Pravarthaka Cooperative Society Ltd
- ISBN Number: 978-93-91946-16-6
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Achadi\\_Malayalam.pdf](https://wmocollege.ac.in/uploads/Achadi_Malayalam.pdf)

## 23. Microcontroller and Interfacing

- Author Name: Siby Joseph
- Department of the Teacher: Electronics
- Year of Publication: 2021-2022
- Name of the Publisher: The Calicut University central co-operative store Ltd.No4347
- ISBN Number: 978-93-92143-08-3
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/DocScanner\\_12-Jul-2023\\_12-27\\_pm.pdf](https://wmocollege.ac.in/uploads/DocScanner_12-Jul-2023_12-27_pm.pdf)

#### 24. Samakaleen Kavita mei Varthaman Jeevan yatharth (Book: Samakalin Hindi Sahithya Vividh Paridrashya)

- Author Name: Dr. Hemalatha C P
- Department of the Teacher: Hindi
- Year of Publication: 2021-2022
- Name of the Publisher: Aman prakashan,kanpur
- ISBN Number: 978-93-91913-11-3
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Samakalin\\_Hindi-Chapter.pdf](https://wmocollege.ac.in/uploads/Samakalin_Hindi-Chapter.pdf)

#### 25. Malabar Samaravum mappilamaum- (Malabar Struggles and Mappilas)

- Author Name: Dr Mohamed Safeeq T
- Department of the Teacher: Malayalam
- Year of Publication: 2021-2022
- Name of the Publisher: Grace Educational Association
- ISBN Number: 978-81-94760-32-0
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/malabar\\_samaram.pdf](https://wmocollege.ac.in/uploads/malabar_samaram.pdf)

#### 26. Vishudha Quran Malayala Saram- (Translation of Holy Quran)

- Author Name: Dr. Yoosuf V K
- Department of the Teacher: Arabic
- Year of Publication: 2021-2022
- Name of the Publisher: Edumart , Calicut
- ISBN Number: 978-93-92559-38-5
- Link to the Book/ Chapter:  
[https://wmocollege.ac.in/uploads/Malayala\\_Saram.pdf](https://wmocollege.ac.in/uploads/Malayala_Saram.pdf)

## Summary of Papers Published in Conference Proceedings

### 1. Scale Economies and Returns to Scale in Large Versus Small Banks: A dea Approach

- Author Name: Dr Said Mohammed V.H
- Department of the Teacher: Economics
- Name of the Conference: International Conference on "Use of digital Technology in Service Sector: Beyond Metro"
- Title of the Proceedings of the Conference: International Conference on "Use of digital Technology in Service Sector: Beyond Metro"
- Year of Publication: 2019-2020
- ISBN Number: 978-81-931585-5-5
- Link to the paper: <https://wmocollege.ac.in/uploads/IMG-20230713-WA0015.jpg>

### 2. Hindi Kavitha mei Samaj Naye Pariprekshya Mein

- Author Name: Dr. Hemalatha C P
- Department of the Teacher: Hindi
- Name of the Conference: MESMAC International Conference 2019
- Title of the Proceedings of the Conference: Jana Samskrithi ka Ananthima Prathirodh aur Samakalina Sahithy
- Year of Publication: 2019-2020
- ISBN Number: 978-93-53-5321-964-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Hindi\\_Kavitha.pdf](https://wmocollege.ac.in/uploads/Hindi_Kavitha.pdf)

### 3. A review on hazards of mobile radiation on human body

- Author Name: Abdul Rasheed
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021: Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Review\\_on\\_Hazard.pdf](https://wmocollege.ac.in/uploads/Review_on_Hazard.pdf)

#### 4. A review of wearable antennas for biomedical applications

- Author Name: Shameena V.A
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/reiview\\_of\\_warable\\_antinas.pdf](https://wmocollege.ac.in/uploads/reiview_of_warable_antinas.pdf)

#### 5. 5G Mobile antenna design review and Analysis

- Author Name: Shameena V.A
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/5G\\_mobile.pdf](https://wmocollege.ac.in/uploads/5G_mobile.pdf)

#### 6. A review on Radars in defence and aerospace applications

- Author Name: Siddik Raja
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/review\\_on\\_radar.pdf](https://wmocollege.ac.in/uploads/review_on_radar.pdf)

## 7. A review on Crack Prediction Using Acoustic Emission

- Author Name: Abdul Rasheed
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Review\\_on\\_Crack.pdf](https://wmocollege.ac.in/uploads/Review_on_Crack.pdf)

## 8. Face recognition system -A comprehensive Review

- Author Name: Dr. Nobert Thomas Pallath
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Face\\_Recognition-IDES.pdf](https://wmocollege.ac.in/uploads/Face_Recognition-IDES.pdf)

## 9. A Review on Breast Cancer Detection using Artificial Intelligence

- Author Name: Dr. Nobert Thomas Pallath
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Review\\_on\\_breast\\_Cancer.pdf](https://wmocollege.ac.in/uploads/Review_on_breast_Cancer.pdf)

## 10 . A review on Crack Prediction using Acoustic Emission

- Author Name: Siby Joseph
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Review\\_on\\_Crack.pdf](https://wmocollege.ac.in/uploads/Review_on_Crack.pdf)

## 11. Retrodirective cross eye jamming - A review

- Author Name: Siby Joseph
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021; Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: <https://wmocollege.ac.in/uploads/retrodirective.pdf>

## 12. Intelligent Traffic Light Control System

- Author Name: Dr. Nobert Thomas Pallath
- Department of the Teacher: Electronics
- Name of the Conference: Info fest 2021: Virtual international conference on Energy, Environment, Health and Visual Communication
- Title of the Proceedings of the Conference: Proceedings of the 11th interdisciplinary International Symposium on Energy, Environment, Health and Visual Communication
- Year of Publication: 2021-2022
- ISBN Number: 978-81-955890-1-2
- Link to the paper: [https://wmocollege.ac.in/uploads/Intelligent\\_traffic\\_light.pdf](https://wmocollege.ac.in/uploads/Intelligent_traffic_light.pdf)