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## Introduction

Research and Development activities play a crucial role in establishing the distinctiveness of the institution, as they contribute to innovation, reputation, and societal impact. The R and D efforts at Mahatma Gandhi College, focus on generating new knowledge, technologies, and methodologies that address societal issues. These initiatives not only enhance the institution's academic standing but also foster the professional growth of both faculty and students. Faculty participation in R&D strengthens their expertise, keeps them updated with the latest advancements, and enables them to make meaningful contributions to the academic community.

Our institution stands as a leading research centre among arts and science colleges in the state of Kerala. Of the ten postgraduate departments, eight—Malayalam, Hindi, Mathematics, Physics, Chemistry, Botany, Zoology, and Commerce—are recognized as research centers by the University of Kerala. The PG Department of Physics was the first to attain this status in 1983, followed by the PG Department of Botany in 1988. The research committee is constituted for promoting multidisciplinary research as well as socially useful, productive activities. The college extends its research resources to faculty members of other sister institutions under NSS-management and other institutions. Additionally, faculty from departments like English, Psychology, and Economics, which are not officially recognized as research centers, have registered at other institutions and are successfully guiding Ph. D. scholars.

In collaboration with the IQAC, research committee along with research departments host the **Mahatma Gandhi College Annual Research Conference (MGC-ARC)**, an event initiated in 2017 under the visionary leadership of former Principal Dr. M.R. Sudarsanakumar.

In the current academic year 2023-24, Mahatma Gandhi College had 75 research supervisors, guiding 197 research scholars. In addition, around 8 faculty from other colleges and 65 research guides from both Mahatma Gandhi College and other sister institutions served as external research supervisors. The research centre is primarily focused on three main domains that include science, oriental languages and Commerce. The research centres specifically focus on unique research domains that align with societal issues.

**During this year, 8 books and book chapters, 60 research articles were published, and 7 Ph. D.s were awarded in 2024 and 24 Ph. D.s in 2023.** There were numerous research collaborations

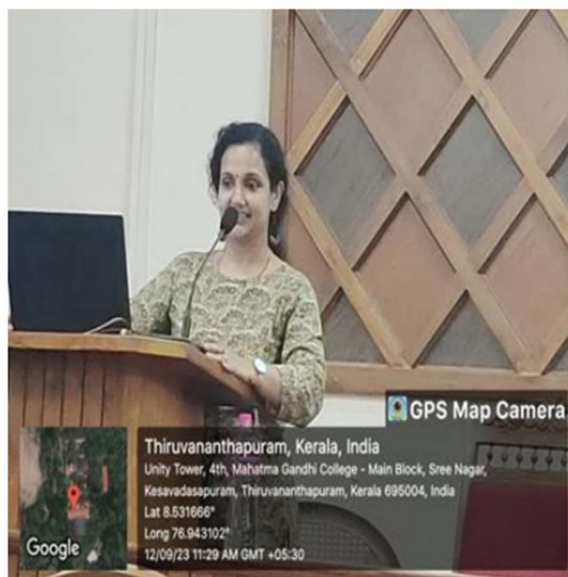
with prestigious national and international institutions. The Research Committee developed a comprehensive action plan for the year, focusing on enhancing research productivity, fostering collaborations, and developing a research policy. Meetings were held regularly with research guides to foresee the research activities. The Research Committee organized several workshops and conferences this year, focusing on equipping researchers with the latest tools and techniques in their fields.

The following activities were held during the year.

### Session on Research Methodology

Date: 12-09-2023 Time: 10:45 AM Venue: College Seminar Hall

The Department of English organized a session on Research Methodology aimed at equipping students with essential skills in research. Mary Regitha Bellarmine, Assistant Professor from the Department of English, St. Joseph’s College for Women, Alappuzha, led the session. This program facilitated a comprehensive understanding of research methodologies, enhancing the academic prowess of the participants.

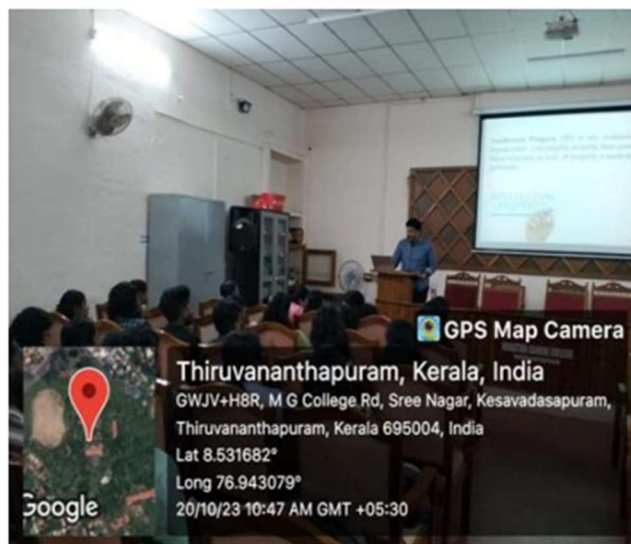
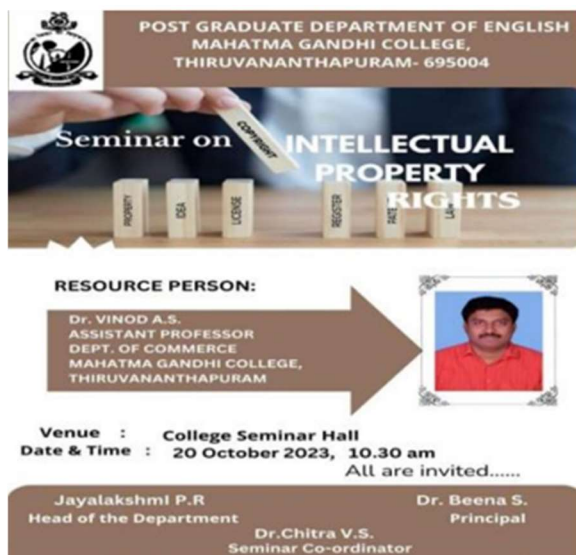


### IPR or Intellectual Property Rights Seminar:

Date: 20-10-2023 Time: 10:30 AM Venue: College Seminar Hall

The Department of English conducted an Intellectual Property Rights (IPR) seminar to enlighten

students and faculty about the importance of safeguarding intellectual property in the evolving global scenario. Dr. Vinod A S, Assistant Professor from the Department of Commerce, Mahatma Gandhi College, Thiruvananthapuram, delivered the keynote address. The seminar provided insights into patents, copyrights, and the legal framework of IPR. An interactive discussion session enabled participants to seek clarifications and exchange ideas



### IPR and Entrepreneurship Seminar:

Date: 08-11-2023 Time: 10:30 AM Venue: College Seminar Hall A seminar focusing on the "Role of Language in Innovative Entrepreneurship Development and Employment Opportunities," was conducted by the department. Dr. N. Pradeep Kumar, Assistant Professor from the Department of Commerce, Mahatma Gandhi College, Thiruvananthapuram, served as the keynote speaker. This seminar underscored the significance of IPR in fostering innovation and supporting entrepreneurs. It provided a platform for engaging discussions and sharing experiences related to intellectual property protection



The seminar on Intellectual Property Rights (IPR), titled "Role of Language in Innovative Entrepreneurship Development and Employment Opportunities," hosted by the department, was a significant event aimed at highlighting the crucial intersection between language, innovation, entrepreneurship, and employment. Dr. N. Pradeep Kumar, an esteemed Assistant Professor from the Department of Commerce at Mahatma Gandhi College, Thiruvananthapuram, was selected as the keynote speaker for his expertise in the field. The seminar emphasized the pivotal role of IPR in fostering a conducive environment for innovation and entrepreneurship. It shed light on how intellectual property protection mechanisms play a crucial role in supporting and incentivizing entrepreneurs to engage in innovative endeavors. By safeguarding their intellectual assets, entrepreneurs are better equipped to navigate the competitive landscape and capitalize on their innovations effectively. Throughout the event, participants had the opportunity to engage in discussions and share their experiences related to intellectual property protection. These discussions likely covered various aspects, including the importance of language in crafting effective patent applications, trademarks, and copyrights, as well as the role of language in negotiating licensing agreements and resolving disputes related to intellectual property. Overall, the seminar provided a valuable platform for stakeholders to exchange insights, best practices, and challenges related to IPR in the context of entrepreneurship and employment. By raising awareness and fostering dialogue on this critical topic, the seminar aimed to empower individuals and organizations to harness the potential of intellectual property rights for driving innovation, economic growth, and job creation.

## WORKSHOP ON FUNDAMENTALS OF RESEARCH METHODOLOGY

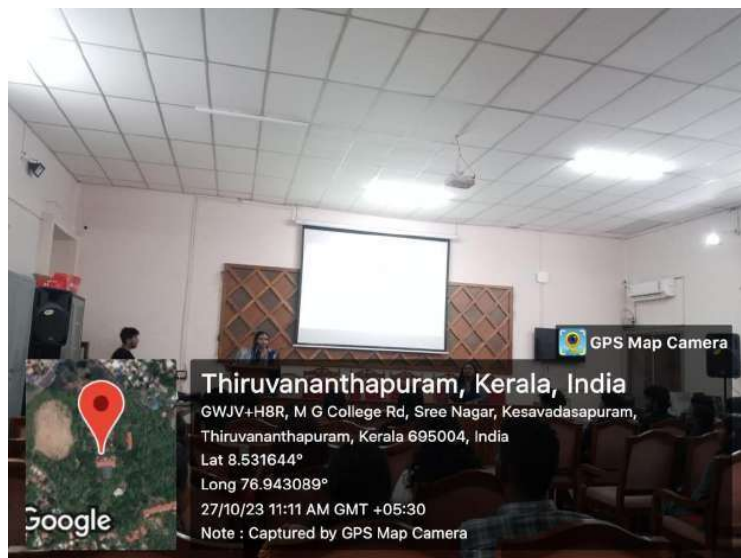
The Department of Sociology conducted a workshop on fundamentals of research methodology on 2<sup>th</sup> October 2023 at 10.30 am in the college Seminar hall. Dr.Subalekshmi G.S.,Faculty, Department of Sociology co-ordinated the program.



The meeting commenced with prayer and acharyaanusmaranam by Gargi P.S. The welcome speech was proposed by Dr Subalekshmi G.S., Program Co-ordinator. Dr.Sarita R.,Head, Department of Sociology proposed the presidential address and introduced the hon'ble resource person with brevity and clarity. The keynote address and workshop was conducted later on "The Fundamentals of Research Methodology" by Dr.Sindhu C.A., Head, Department of Sociology, Govt.Arts and Science College, Karunagappally. The workshop attempted to give an insight into how the research has to be conducted and various methods for conducting social research. A very systematic presentation was carried out by Dr.Sindhu C.A. on the fundamentals of research methodology. After the workshop resource person interacted with the participants. Numerous questions were raised and subjected to deeper discussions. The session ended with a vote of thanks proposed by Soorya S.Prakash, student of 3rd year Sociology.







### **Commerce Merit Day and Researchers Meet 2023-24**

Post Graduate & Research Department of Commerce conducted 'Merit Day 2023-24' on 01/04/2023, 10 am, at department seminar hall. Programme started with a Prayer and Acharya Anusmaranam. Principal, Dr.Beena S. inaugurated the function. Dr.Dileep.A.S, Head, Department of Commerce, presided over the program. Dr. N. Pradeep Kumar welcomed the gathering. The Principal distributed mementos to those students who have cleared JRF/NET examination 2023-24.

'Prof. M. S. Sreekumar Memorial Endowment' and 'Prof. Dr. S. Krishnan Nair Memorial Scholarship' were distributed to the toppers from B. Com and M. Com batches. Greeshma Satheesh from M. Com and Varsha S.A from B. Com received cash awards for their remarkable performance. 'Jeevankumar A.S Memorial Endowment' were distributed to the second toppers from B. Com and M.Com batches. Anoop S. from B.Com and Devika Sreekumar from M.Com received cash awards for their remarkable performance.

Post Graduate Department of Commerce and Research Centre, Mahatma Gandhi College has organised Annual Research Work Progress Presentation, an experience to all full time and part time research scholars on 01/04/2024. This programme is based on the "Research Colloquium" activities of our department.

The event started by 11.30 am, Dr.Dileep.A.S Head of the Department, Dr. S. Jayadev.S Research Convenor, Mahatma Gandhi College, Dr. Pradeep Kumar N. Research co-ordinator

Department of Commerce, research supervisors Dr. S. Priya and Dr.Chithra. participated the annual research conference. During the event, our department felicitated all the research supervisors who successfully guided the students and students who were awarded PhD during the academic year 2023-2024.

As the event progressed, all research scholars were given an opportunity to present their individual research activities from the date of registration. The scholars were given a maximum of 10 minutes for the individual presentation, followed by active and deliberate open discussion for 5 minutes. All the research scholars (both full time and part time) presented their work in progress.







**Seminars and Workshops :“Overhauling Research Snafus: Application of Bibliometric Tools”** is a bibliometric workshop organized by the Post Graduate Department of Commerce and Research Centre, Mahatma Gandhi College, Thiruvananthapuram. This workshop is designed to equip you with the knowledge and skills to harness the power of bibliometric tools to make informed decisions and gain insights into the scholarly impact of research. The Workshop was in offline mode with 54 registrations from inside and outside the department. Programme Coordinator and Assistant Professor Dr. Pradeep Kumar N welcomed the guests to the Workshop in the welcome address. The official commencement of the programme was by the inauguration by the Head of the institution, Principal Dr. Beena S, followed by the Presidential address by Assistant Professor Dr Dileep A S, and Head of Department of Commerce. The workshop began at 10 am by Dr. Nimitha Aboobaker, an Assistant Professor at School of Management Studies, CUSAT. She has garnered a reputation for her exceptional work that spans both academia and research. Some of her notable achievements include best paper awards from eminent institutions like UGC, IIM, University of Hyderabad. Also a reviewer to more than a dozen international journals she has won the Emerald Literati Award for ‘Outstanding Reviewer’. Also her works have been invited for presentation in top-tier international conferences. The workshop was finished successfully by 4:00 pm.

**MAHATMA GANDHI COLLEGE THIRUVANANTHAPURAM**  
**POST GRADUATE DEPARTMENT OF COMMERCE AND RESEARCH CENTRE & IQAC**

**OVERHAULING RESEARCH SNAFUS: APPLICATION OF BIBLIOMETRICS TOOL**  
 Workshop

**17TH AUGUST 2023**

VENUE @ SEMINAR HALL, DEPT. OF COMMERCE

**CLICK HERE**

Seats are limited to 50 and will be allocated on a first-come, first-serve basis.

**RESOURCE PERSON**

**Dr. Nimitha Aboobaker**  
 Assistant Professor  
 School of Management Studies  
 Cochin University of Science and Technology, India

ORGANISING COMMITTEE	ABOUT THE WORKSHOP	WHO SHOULD ATTEND?
<p><b>Head of the Institution :</b>                      Dr. Beena S,                      Principal</p> <p><b>Head of the Department:</b>                      Dr. Dileep A S                      Assistant Professor                      Department of Commerce</p> <p><b>Coordinator:</b>                      Dr. Pradeep Kumar N                      Assistant Professor                      Ph: 9847888777</p> <p><b>Faculty Coordinators:</b>                      Dr. Jayadev S, Associate Professor                      Dr. Vinod A S, Associate Professor                      Dr. Sumitha R, Assistant Professor                      Dr. Rakesh S, Assistant Professor                      Dr. Vishnu Gopan, Assistant Professor                      Adv Dr. Radhika, Part-time Law lecturer</p> <p><b>Student Coordinators:</b>                      Anandapadmanabhan S, Research Scholar                      Ph: 8281592249</p> <p>Aravind Ajay, Research Scholar                      Ph: 7034117466</p> <p>Gopika S, Research Scholar</p> <p>Sreereshma S R, Research Scholar</p> <p>Manjima D, Research Scholar</p>	<p>"Overhauling Research Snafus: Application of Bibliometric Tools" is a bibliometric workshop organized by the Post Graduate Department of Commerce and Research Centre, Mahatma Gandhi College, Thiruvananthapuram. This one-day interactive workshop will be an opportunity to enhance your knowledge and skills by navigating through:</p> <ul style="list-style-type: none"> <li>• Conceptual Overview</li> <li>• Methodology and Search Strategy</li> <li>• Data Extraction: Scopus and Web of Science</li> <li>• Application of PRISMA</li> <li>• Hands-on training: VosViewer and Biblioshiny</li> <li>• Manuscript Structure</li> <li>• Reporting for Scopus and WoS journals</li> </ul> <p><b>PAYMENT DETAILS</b></p> <p>Registration Fee: ₹ 200</p> <p>A/c No.: 0119053000025356</p> <p>IFSC Code: SIBL0000483</p> <p>Payee Name: PRADEEP KUMAR N</p> <p><b>*No food or Accommodation will be provided</b></p>	<p>This workshop is designed for Researcher Scholars, and faculty members, who are interested in harnessing the potential of bibliometric analysis to gain a deeper understanding of scholarly research. No prior experience with bibliometrics is required</p> <p><b>Note:</b> Participants are requested to bring their laptops and stable internet connection to enrich their learning experience throughout the workshop.</p>



**Entrepreneurial Ways – Research Products into Commercial Ventures.**

The Entrepreneurship Development Club and the Post-Graduate Department & Research Centre of Commerce, Mahatma Gandhi College, in collaboration with Research Innovation Network Kerala (RINK), organised a workshop titled "Entrepreneurial Ways – Research Products into Commercial Ventures." The main goal of this workshop was to emphasize the significance of entrepreneurship in converting research ideas and innovations into viable business ventures and start-ups. The target audience for the seminar comprised faculty members, research scholars, and post-graduate students from various disciplines. The program

featured atalk by Dr. Deepu Krishnan P R, Assistant Manager at RINK, KSUM, and brainstorming activities conducted by the Technology Fellows of RINK, Shahana and Adam. Research is being conducted in universities across different fields, including commerce and science. However, much of this research stays confined within the university premises. This needs to change. Research in science & technology, commerce, etc., should reach society and evolve into profitable products and entrepreneurial ventures. There is a gap that needs to be bridged between research and business/start-up/entrepreneurship ventures. This workshop aimed to address how we can bridge this gap by utilising entrepreneurial skills, knowledge about the business environment, and business laws. The workshop took place at the Seminar Hall, Department of Commerce, with almost 40 registrations. Dr. Pradeep Kumar N, the Programme Coordinator and Assistant Professor in Commerce, extended a warm welcome to the attendees in the opening address of the Workshop. The event officially commenced with the inauguration by Dr. Beena S, the Head of the institution, followed by a Presidential address from Dr. Dileep A S, Head of the Department of Commerce. The esteemed speaker, Dr. Deepu Krishnan P R, who has visited the campus before, discussed the ways to transform academic research into commercial ventures. The workshop stressed the importance of implementing practical applications of research and innovation by Research Scholars. He emphasised the significance of transitioning research from the Ideation phase to the Marketing phase. An activity session allowed Research Scholars to reflect on their work and gain better insights into applying their research outcomes. The event concluded with a Vote of Thanks delivered by Anandhapadmanabhan S, Research Scholar from the Department of Commerce. 52 Students participated the Programme.



**MAHATMA GANDHI COLLEGE THIRUVANANTHAPURAM**



**POST GRADUATE DEPARTMENT OF COMMERCE AND  
RESEARCH CENTRE  
& ENTREPRENEURSHIP DEVELOPMENT CLUB**

in collaboration with Research Innovation Network Kerala  
(RINK)  
and  
Kerala Startup Mission (KSUM)



**Entrepreneurial Ways -  
Research Products into  
Commercial Ventures**

Workshop

**03 AUG  
2023**

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**Time: 10:30 am to 1:00 pm**  
**Venue: Seminar Hall, Dept of Commerce,  
Mahatma Gandhi College,  
Thiruvananthapuram**

**FREE REGISTRATION**  
[Click here to register](#)

**Speaker:**  
**Dr. Deepu Krishnan P R, Assistant Manager, Research Innovation  
Network Kerala (RINK), KSUM**

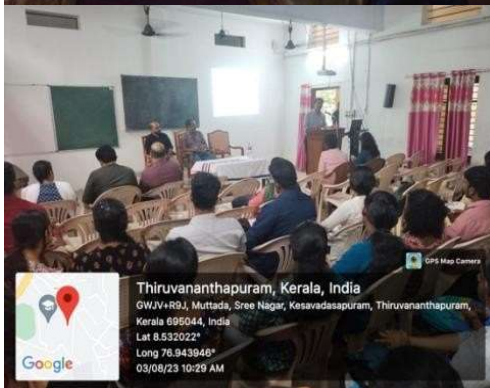
**Activities - Brainstorming & Commercialization Canvas by:**  
**Shahana S, Technology Fellow, RINK, KSUM**

**Organising Committee:**  
**Dr. Beena S, Principal**

**Dr. Dileep A S, Assistant Professor, Head of Department, Department of Commerce**  
**Coordinator: Dr. Pradeep Kumar N, Assistant Professor PH:9847888777**

**Faculty coordinators:**  
**Dr. Jayadev S, Associate Professor**  
**Dr. Vinod A S, Assistant Professor**  
**Dr. Sumitha R, Assistant Professor**  
**Dr. Rakesh S, Assistant Professor**  
**Dr. Vishnu Gopan, Assistant Professor**  
**Adv Dr. Radhika, Part-time Law lecturer**

*Target group : Faculty/ Research Scholars/ Postgraduate Students*



### WORKSHOP ON RESEARCH AND DATA ANALYSIS WITH SPSS

A session titled "WORKSHOP ON RESEARCH AND DATA ANALYSIS WITH SPSS " was organized in the Department of Commerce, Mahatma Gandhi College, Thiruvananthapuram, on August 22, 2023. Acharayanusmaranam was performed after a prayer at 10.30 pm to start the event. The gathered was welcomed by Dr. Dileep A.S., Head of Department of Commerce, Mahatma Gandhi College, Thiruvananthapuram followed by the presidential address of Dr.Beena S; Principal of Mahatma Gandhi College, Thiruvananthapuram. Dr Jayadev S ,Associate Professor MG college Trivandrum was the keynote speaker of the session.He provided a basic overview of SPSS software and its usage . Following that, the program's felicitation address was given by Dr. N. Pradeep Kumar,Dr Rakesh S,Dr Sumitha R and Dr VishnugopanAssistant professors in the department of Commerce at M.G. College, and, Assistant professor in the same department. The programme was successful, and it concluded around 12:30 pm with a vote of thanks from Dr. Vinod AS Assistant Professor and Programme Coordinator, Department of Commerce, M.G. College Trivandrum. 37 students participated the programme.

**POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE**  
**MAHATMA GANDHI COLLEGE**  
TRIVANDRUM, KERALA, INDIA

**Workshop on**  
**Research Data Analysis with SPSS**

**Resource Person**

**Associate Professor commerce**  
**Mahatma Gandhi College**  
**Kesavadasapuram**  
**Trivandrum**

**Dr JAYADEV S**

**August 22, 2023**

**10:30 AM to 12:30 PM**

**VENUE**  
**SEMINAR HALL**  
**DEPARTMENT OF COMMERCE**



**POST GRADUATE AND RESEARCH DEPARTMENT OF COMMERCE**  
**MAHATMA GANDHI COLLEGE**  
TRIVANDRUM, KERALA, INDIA

# Workshop on

## Research Data Analysis with SPSS

August 22, 2023



**Thiruvananthapuram, Kerala, India**  
Sri Mannathu Padmanabhan Rd, Vyasa Nagar, Muttada, Sree Nagar, Kesavadasapuram, Thiruvananthapuram, Kerala 695004, India  
Lat 8.531915°  
Long 76.943677°  
22/08/23 12:27 PM GMT +05:30

**Thiruvananthapuram, Kerala, India**  
Sri Mannathu Padmanabhan Rd, Vyasa Nagar, Muttada, Sree Nagar, Kesavadasapuram, Thiruvananthapuram, Kerala 695004, India  
Lat 8.531913°

**Thiruvananthapuram, Kerala, India**  
Sri Mannathu Padmanabhan Rd, Vyasa Nagar, Muttada, Sree Nagar, Kesavadasapuram, Thiruvananthapuram, Kerala 695004, India  
Lat 8.531912°  
Long 76.943697°  
22/08/23 10:39 AM GMT +05:30

**Thiruvananthapuram, Kerala, India**  
GWJV+R9J, Muttada, Sree Nagar, Kesavadasapuram, Thiruvananthapuram, Kerala 695044, India  
Lat 8.531845°  
Long 76.943795°  
22/08/23 10:40 AM GMT +05:30

**Academic writing and mixed methodology in research**” is a workshop organized by the Post Graduate Department of Commerce and Research Centre, Mahatma Gandhi College, Thiruvananthapuram. The Workshop was in offline mode with 60 registrations from inside and outside the department. The coordinator of the programme is Dr. Pradeepkumar N. Assistant Professor, Department of Commerce. The Resource person in the Technical Session I- Mixed Methodology in Social Science Research’ elaborated on applying qualitative and quantitative methods in research. Technical session II-AI Tools for Academic Writing’ commenced at 11:30am. The session continued till 1:30pm. The session was chaired by Dr. Vineeth KM, Associate Professor of Commerce, Government College Tripunithura, Ernakulam. The session discussed various online tools and websites that make research writing and process more fruitful. Some topics include utilising websites and tools like: Theory Hub, Academic Phrasebank , Jenni AI, Copy AI, TypesetIO, SciteAI, Consensus, Perplexity AI and Literature review (website).

**Mahatma Gandhi  
College  
Thiruvananthapuram**

**PG Department of  
Commerce and  
Research Centre &  
IQAC**

**MGC ARC 2024  
WORKSHOP ON ACADEMIC WRITING  
AND MIXED METHODOLOGY IN  
RESEARCH**

**MAR 20  
2024**



**TECHNICAL SESSION I:  
MIXED METHODOLOGY IN  
SOCIAL SCIENCE  
RESEARCH**



**Dr. R. Vasanthagopal**

Senior Professor and Head,  
Institute of Management in  
Kerala &  
Dean, Faculty of Management  
Studies  
University of Kerala

**TECHNICAL SESSION II:  
AI TOOLS FOR  
ACADEMIC WRITING**



**Dr. Vineeth KM**

Associate Professor of  
Commerce  
Government College  
Tripunithura  
Ernakulam

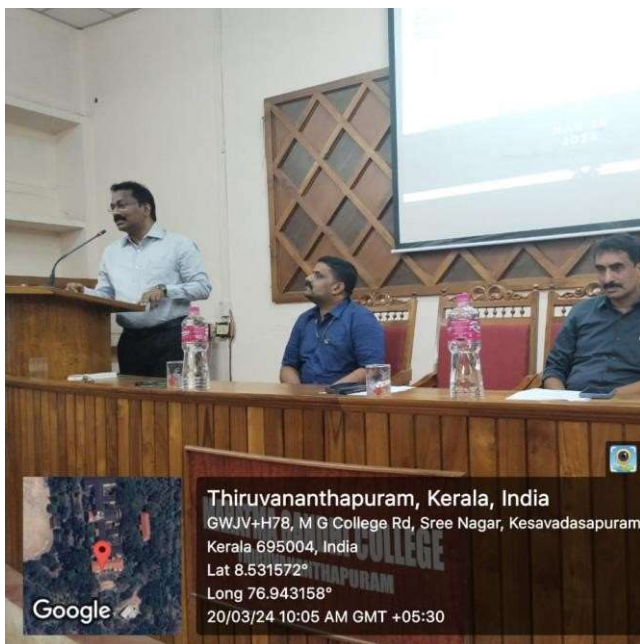












## **INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIALS SCIENCES” (ICRAMS-2024) as part of MGC ARC 2024**

We are all aware of the significance of research in our daily lives. Research is essential for increasing and broadening knowledge in any field. Keeping this fact in mind, the Post-Graduate and Research Department of Chemistry, Mahatma Gandhi College, Thiruvananthapuram organized a two-day International Webinar on “**INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIALS SCIENCES” (ICRAMS-2024)** in collaboration with IQAC and Post-Graduate and Research Department of Physics on March 18-19, 2024. The major theme of the conference is the interdisciplinary approach to research in materials science. The conference's principal goal is to provide a platform for exploring some of the most recent advancements in materials sciences. Its goal is to create a common platform for teachers, researchers, and organizations to share their experiences and accomplishments in diverse fields of chemistry. Around 60 registered and approximately 50 people attended, including faculty members, research experts, and PG students.

The conference started with a prayer by Meenu, I MSc Student. The welcome address was given by Dr Padmakumar H, Head of the Department of Physics. **Dr. Sikha T.S**, Head of the Department, of Chemistry, gave a presidential address. In her welcome address. Dr Rajendra Babu K, Former Emeritus Scientist, Department of Physics, Mahatma Gandhi College inaugurated the seminar. He provided useful knowledge on how to conduct research.

**Dr. Ratheesh Kumar VK**, the IQAC coordinator, gave the felicitation address. **Dr. V. S. Dhanya**, Convener of the conference delivered the vote of gratitude for the resource persons and participants. Dr Dhanya VS, Assistant Professor, Dept of Chemistry, did the anchoring of the inaugural session.

There were two invited talks on 18/03/2024. The technical session started after the inaugural session. The first session was handled by Dr **Rajendra Babu K**, and the topic was **Mind as a Network Energy System**. The second talk was given by **Dr. Renjith S**, Scientist, SCTIMST, Thiruvananthapuram and the title of the talk was “**Role of a Chemist in Medical Device Development**” He described the topic very well with a simple explanation which was successful in attracting the interest of the participants. He also gave valuable suggestions regarding various

areas for research. At the end of the technical session of the seminar, **Dr. Rahul S**, Assistant Professor Department of Chemistry, offered a vote of gratitude. The Technical Session II started at 1.30 pm and Assistant Professors, **Dr. Deepa V, Dr. Dhanya VS, and Dr. Vaisakhan Thampi** from the Department of Physics and Chemistry, chaired the oral presentations of research scholars. The session was concluded with some remarks by the chair about paper presentations.

The invited talk for Day 2 of the conference was conducted via gmeet on 19<sup>th</sup> March 2024 at 7 pm. The third invited talk was given by **Dr. Sujith S.S.**, Scientist, Buckwell Technologies Taiwan, Before the start of the Invited talk, **Dr. Rahul S**, Assistant Professor, Department of Chemistry gave the welcome speech. Dr. Sujith made a comprehensive presentation on **“Importance and Opportunities of Interdisciplinary Research”**. He discussed how OLEDs are used to make digital displays in a variety of devices, including televisions, computer monitors, and portable systems like smartphones and handheld game consoles. He also discussed the importance of interdisciplinary research and also discussed the opportunities in the industry sector. The participants were well benefitted from his talk. Toward the end of the session, **Dr. Harisankar A**, Research Scholar of the Department of Chemistry delivered the vote of thanks.



MAHATMA GANDHI COLLEGE  
THIRUVANANTHAPURAM  
ANNUAL RESEARCH CONFERENCE (MGC-ARC)

**INTERNATIONAL CONFERENCE  
ON RECENT ADVANCES IN  
MATERIALS SCIENCE**

**ICRAMS 2024**



18, 19 March 2024  
Mahatma Gandhi College  
Kesavadasapuram

Invited talks  
Online sessions  
Oral presentations



9496330686 | [icrams@mgcollegetvm.org](mailto:icrams@mgcollegetvm.org) | [www.mgcollegetvm.ac.in](http://www.mgcollegetvm.ac.in)

## PROGRAMME SCHEDULE

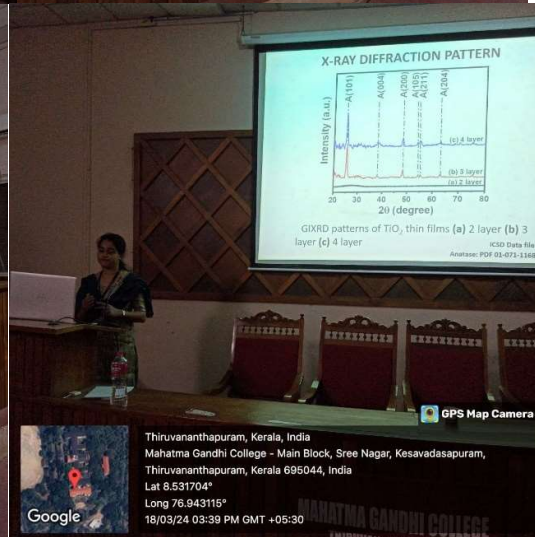
Venue: Seminar Hall, Mahatma Gandhi College

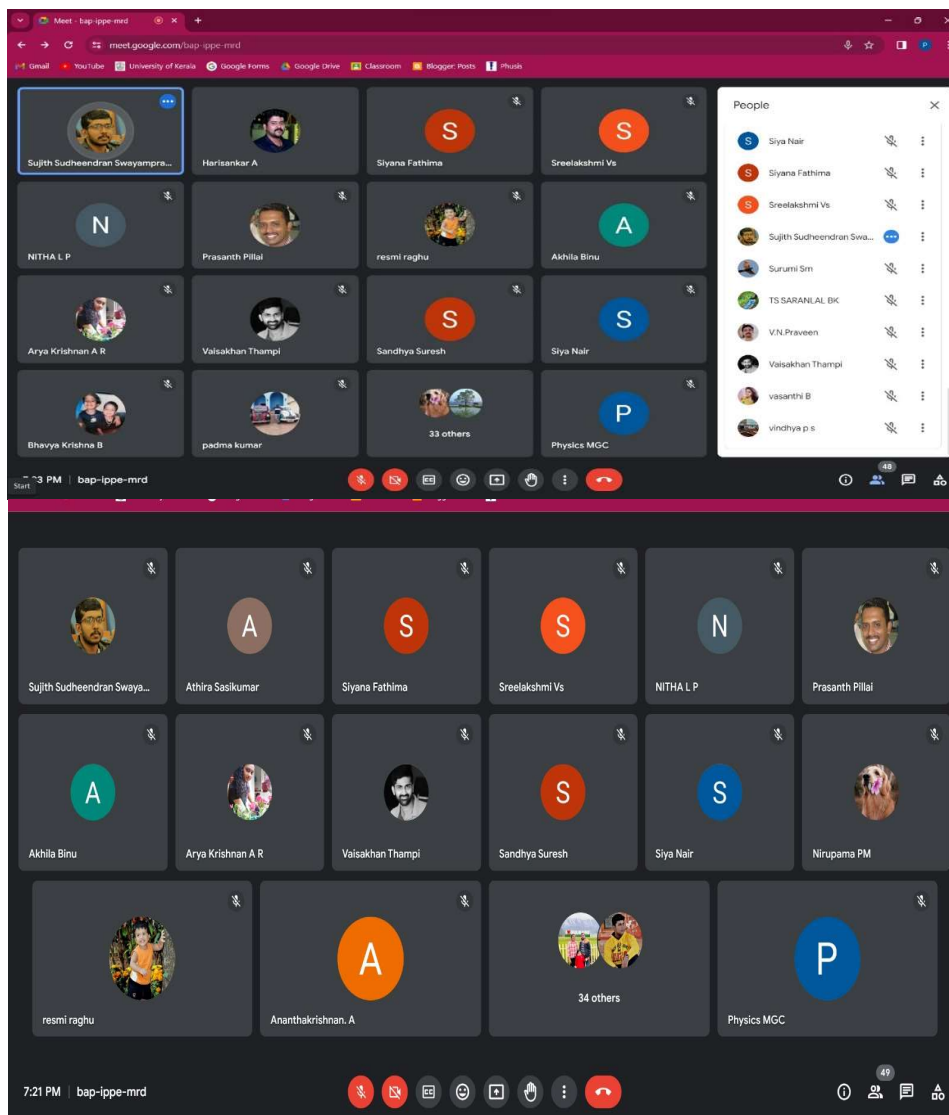
### Day 1 - 18 March 2024

8.30 – 9.30 am	Registration
9.30 – 10.30 am	Inauguration
10.30 – 11.30 am	Keynote Address: <b>“Mind as a network Energy System”</b> <b>Dr. Rajendra Babu K,</b> Former Emeritus Scientist Mahatma Gandhi College, Thiruvananthapuram.
11.30 am – 12.30 pm	Invited talk: <b>“Role of a Chemist in Medical device development”</b> <b>Dr. Renjith S,</b> Scientist, SCTIMST, Thiruvananthapuram
12.30 – 1.15 pm	Lunch Break
1.15 pm – 5.00 pm	Oral Presentations

### Day 2 – 19 March 2024

07.00 – 7.45 pm	Invited talk: <b>“Importance and Opportunities of Interdisciplinary Research”</b> <b>Dr. Sujith S S</b> R&D Principal Engineer Bruckewell Technology LTD, Taiwan
7.45 pm	Valedictory Function





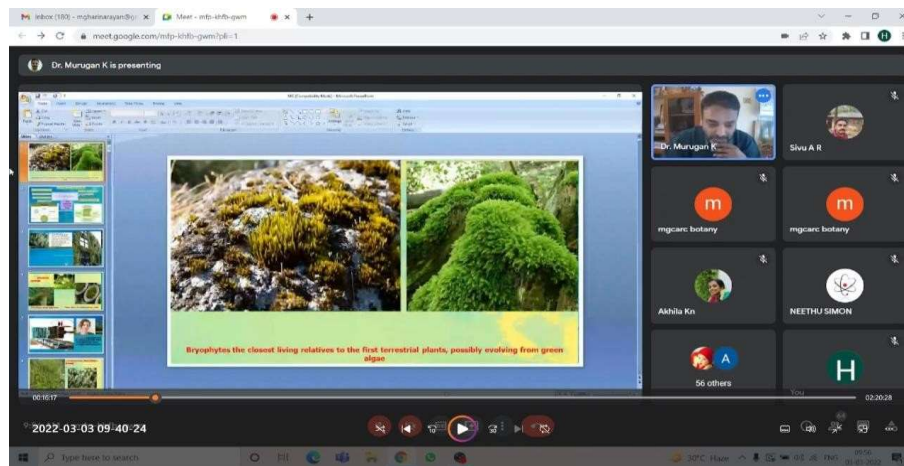
**REPORT OF INTERNATIONAL SEMINAR CONDUCTED BY DEPARTMENT OF BOTANY  
ON 03<sup>RD</sup> AND 04<sup>TH</sup> MARCH 2022 AS PART OF MAHATMA GANDHI COLLEGE ANNUAL  
RESEARCH CONFERENCE.**

As part of the Annual Research Conference 2022, Mahatma Gandhi College, the Department of Botany, conducted an international seminar (online mode) on Plant Science Research on 3<sup>rd</sup> and 4<sup>th</sup> March 2022, in association with the Indian Science Congress Association (ISCA) Kochin Chapter and IQAC, Mahatma Gandhi College. The organizing committee includes Dr. Sivu A. R. (convenor), Dr. Manoj G. S. (co-ordinator). Mrs. Sreelekshmi S., Mrs. Sharanya K. P., Dr. Pradeesh S., Dr. Remya Krishnan, and Dr. Shibu Krishnan K. (temporary faculty) were the members. There were five invited talks with relevant themes, two of which were international. This seminar also provides an opportunity for researchers to present their work. After a critical evaluation, we selected 72 out of the 92 received research papers for presentation.

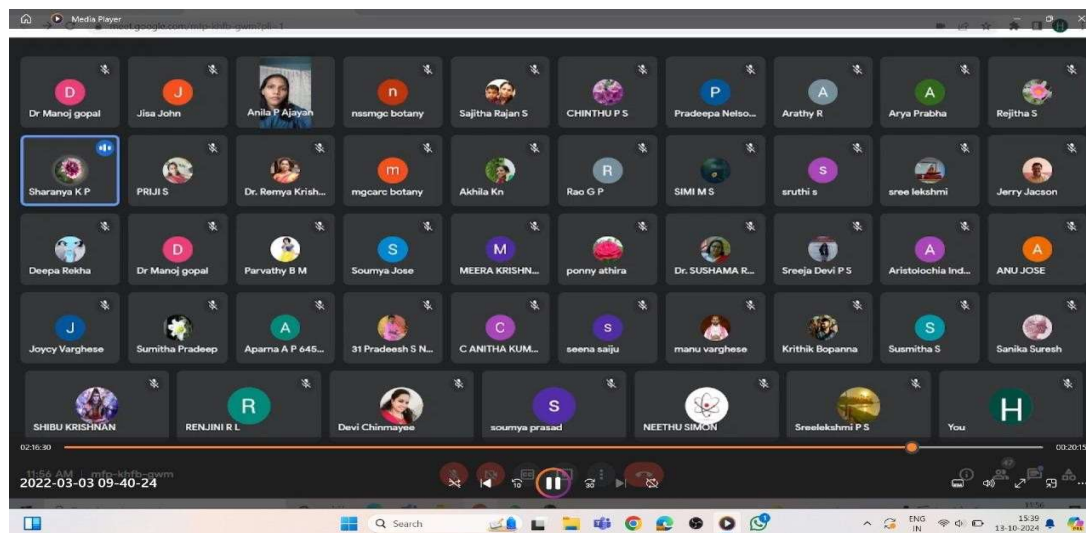
On 03/03/2022, at 9.30 AM, the program started with prayer and Acharya Anusmaranam. Head of the Department, Dr. Sivu A. R., addressed the importance of conducting an international seminar as part of MGC ARC and welcomed all invitees for the seminar. Our principal, Dr. Ampili M., delivered the presidential address, and in her talk, she stressed the importance of plants and the need to study botany. The principal congratulated the department for conducting an international seminar in association with ISCA and IQAC.

Our Chief Guest of the Seminar, Dr. Murugan K, Retd. Principal of Govt. Arts College, is a renowned academician in the field of botany. He inaugurated the seminar and delivered a key note address on Bryophytes as neglected tradable bioresources and their future prospects. In his talk, he stressed the importance of needed research on underused bryophytes and motivated researchers and students to do more studies on these neglected plant groups. Dr. Manoj G. S., Assistant Professor, Department of Botany, concluded the session with a vote of thanks and by explaining the research on bryophytes conducted at Mahatma Gandhi College TVPM.





In the second talk of the day, Dr. Anila P. Ajayan, Scientist, Freshwater Algal Ecology Division, Institute of Hydrobiology, Chinese Academy of Sciences Wuhan, China, revealed the secrets of phytoplankton, the world's largest producers of aquatic ecosystems, and its key role as bioluminescence. Ms. Sreelekshmi opened the session with a welcome speech, and Ms. Sharanya K.P., an assistant professor in the botany department, concluded it with a vote of thanks.



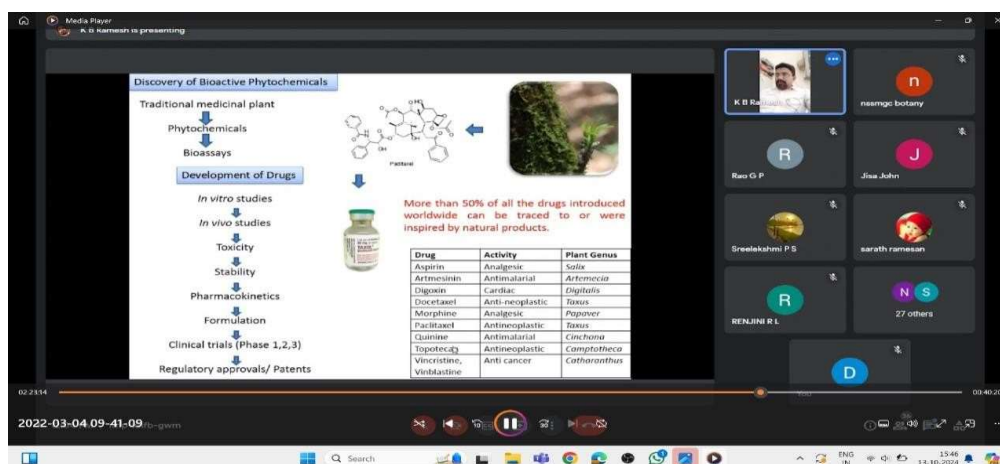
The Principal Scientist of the Malabar Botanical Garden, Dr. N S Pradeep, and Assistant Professor, Botany, Payyanur College, Dr. MK Ratheesh Narayan, chaired the oral presentation, which started at 1 pm. The chair critically evaluated the findings of 28 delegates, making it a wonderful time. The session ended at 4.45 pm with a vote of thanks.

On March 4, 2022, the Friday morning program started at 9.40 am with prayer and Acharya Anusmaranam. Dr. Manoj G.S. welcomed the chief guest, Dr. Radhamany P.M., Professor, Department of Botany, University of Kerala. She gave a wonderful talk on variation in chromosomes. It was very enthusiastic and informative. The session ended with a vote of thanks from Dr. Remya Krishnan.

Dr. Sajitha Rajan from Melbourne University in Australia delivered the second talk of the day. Ms. Sharanya K. P. welcomed the speaker. She discussed the food crisis and the need to introduce innovative technologies like artificial intelligence in food production. Ms. Sreelekshmi proposed a vote of thanks.

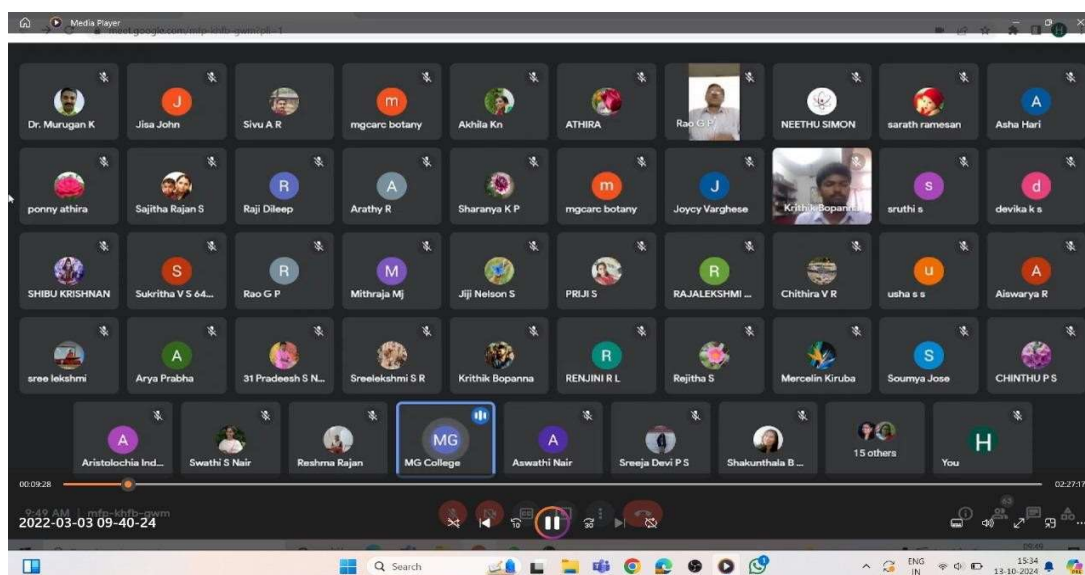


Dr. Rameshkumar K.B., Principal Scientist, Phytochemistry and Phytopharmacology Division, JNTBGRI, delivered the third talk. Dr. Pratheesh P. S. welcomed the speaker. In his talk, he detailed different phytochemicals and their structure elucidation methods. He also discussed antiviral drug discovery techniques and the role of herbal medicine against COVID 19. Dr. Shibu Krishnan K proposed a vote of thanks.



In the afternoon session, researchers from various institutions presented their research works. Their presentations were chaired and evaluated by Dr. Paulsamy S., Dean, Faculty of Science, Konganadu Arts and Science College Coimbatore. and Dr. Murugan K., Retd Principal, Govt. Arts College, Thiruvananthapuram. The chair thoroughly evaluated the research findings of 31 delegates, and declared the winners after the presentation.

Mr. Bopanna S. L., Student, Department of Botany, Alva's College, Vidyagiri, Moodubidire, Dakshina Kannada, has been granted the Best oral presentation award in the Applied Science section for the paper entitled "Studies on the Fern Diversity of Selected Places in Kodagu District of Karnataka." and Ms. Arthy R, Research Scholar, Department of Botany, Mahatma Gandhi College, Thiruvananthapuram, has been granted the Best oral presentation award in the plant science section for the paper entitled "Characterization of anthocyanin from the flowers of *Impatiens diversifolia* Wall. ex Wight & Arn., and *I. balsamina* L., and its antidiabetic potentialities." We awarded cash prizes and certificates to the winners in each section.



Dr. K V Jayachandran, ISCA, Cochin chapter, Director of Research, and Adjunct Professor Retd. KUFOS was the Chief Guest of the valedictory function. Dr. Sivu A. R., the Head of the Department, chaired the function. The function started at 3.30 PM. Ms. Sreelekshmi S welcomed the guests. Dr. Ampili M., Principal, Mahatma Gandhi College; Dr. G Prabhakar Rao, Life Member of ISCA and Senior Scientist, Rubber Research Institute of India, Kottayam; and Dr. S. Jayadev, Research Coordinator, Mahatma Gandhi College, gave the

felicitations. The seminar organising committee evaluated the feedback collected from the participants. Dr. Manoj G. S., coordinator MGC ARC Botany and assistant professor, department of Botany Mahatma Gandhi College Thiruvananthapuram, expressed the words of gratitude to all the participants, guests, and the technical teams. The two-day program ended at 4.30 pm on March 4, 2022, with the National Anthem.

### Seminar on Intellectual Property Rights

A Seminar on Intellectual Property Rights was conducted by the Department of Physics, Mahatma Gandhi College, Thiruvananthapuram on 6<sup>th</sup> November 2023 at 1:30 pm. The chief guest and resource person of the seminar was Dr. Vinod A S, Associate Professor Department of Commerce, Mahatma Gandhi College, Thiruvananthapuram. The function was chaired by Dr. Padmakumar, Head of the Department of Physics. Dr. Deepa V, the Research Committee Coordinator, Department of Physics officially welcomed everyone to the function. After the seminar session Ms. Deepa S Suresh, Research Scholar gave her feedback on the seminar and delivered the vote of thanks to everyone. There were 32 participants in the seminar including faculties, research scholars and UG & PG students.

In the seminar the resource person discussed about the importance of being aware of the intellectual property rights in this modern world. Intellectual property rights are the legal rights given to the inventor or creator to protect his invention or creation for a certain period of time. The different types of intellectual property rights are patents, copyright, industrial designs, trade marks, Geographical Indications and trade secrets. The seminar discussed each of them so vastly. Seminar also discussed about the laws related and the fact of copyright infringement.

POST GRADUATE DEPARTMENT OF PHYSICS AND RESEARCH CENTRE  
MAHATMA GANDHI COLLEGE,  
THIRUVANANTHAPURAM -695004

SEMINAR On **INTELLECTUAL PROPERTY RIGHTS**

**RESOURCE PERSON**  
Dr. Vinod A S  
ASSISTANT PROFESSOR  
DEPT. OF COMMERCE  
MAHATMA GANDHI COLLEGE  
THIRUVANANTHAPURAM

Venue: Room no 33  
Date & Time: 06 November 2023, 1:30pm

All are invited.....

Dr. Padmakumar II  
Head of the Department

Dr. Deepa V  
Research Co-ordinator

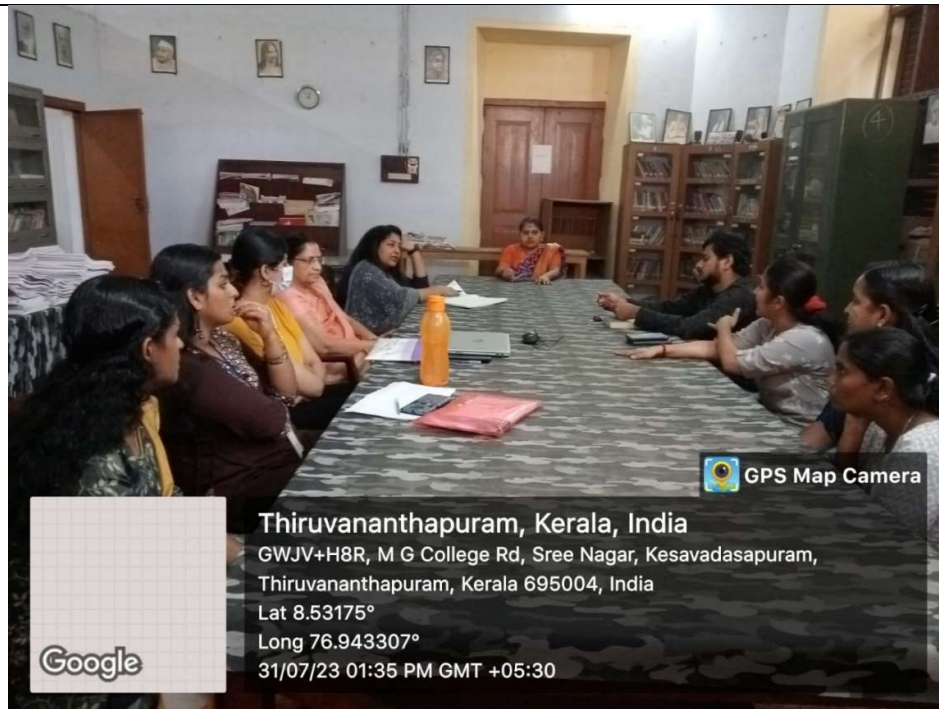
Dr. Beena S  
Principal



### Shodh Manch

The Department of Hindi conducts this monthly program targeting research scholars. Through this, they are given the opportunity to enhance their skills, gain general knowledge about their topics, and discuss and speak on those topics without any hesitation. Dr Anoop Krishna coordinated this program. All department faculty participated in it and made contributions.





### Participation in Researchers Fest

Participation in the Research Fest- organized  
at Kariavattom Campus, University of Kerala  
(19/6/2023-22/6/2023)

PG students, Research scholars and  
Teachers of Hindi Department attended in the  
Research Fest- Organized at Kariavattom Campus,  
Kerala University, Triv from 19/6/2023 to 22/6/2023.

They had an experience visiting the manuscript  
library, Exhibitions, screening of films, speeches  
delivered by prominent personalities. They also  
had a great time exploring the publications of  
different books of teachers. They also collected  
many books which were difficult to access.





20/11/2023

## Report

49

Post Graduate Department of Hindi & Research Centre, Mahatma Gandhi College has conducted a workshop on Intellectual Property rights (IPR) on 20/11/2023 @ 10:30 Am. The venue of the function was Seminar Hall, M.G. College, TVPM. Dr. Vinod A.S., Department of Commerce was the Resource person of the workshop. 25 students/ Research scholars participated in the workshop along with 9 faculty members. After the formal functions Dr. Vinod A.S. introduced the basic theory of IPR and explained each and every points with ample examples. Later he told the participants how we can apply for IPR, in which field we can apply etc. He talked on Nature of Intellectual property rights, Industrial Design, Copy right Phases of Copy right Act (India), Copyright ownership, How we can access copyrighted materials etc along with legal procedures. The students were given awareness about the IPR related matters with their known facts which is not noticed by them before. The workshop came to an end at 1 Pm. The co-ordinator of the workshop was Dr. Rajesh Kumar - R, Asst Professor, Dept of Hindi, M.G. College. The students appreciated the initiative of the department and requested for more programs like this which enable them to understand the intricacies of methods used to get IPR.

**MAHATMA GANDHI COLLEGE**  
KESAVADASAPURAM, THIRUVANANTHAPURAM  
(Accredited with B+ Grade by NAAC)

POST GRADUATE AND RESEARCH DEPARTMENT OF HINDI  
(In Association With IQAC)

**INVITED TALK ON  
INTELLECTUAL PROPERTY RIGHTS (IPR)**  
ബന്ധുത്വ സുരക്ഷാകാര്യം

Organized by  
Post Graduate and Research Department of Hindi  
Mahatma Gandhi College, Thiruvananthapuram

**RESOURCE PERSON**  
**Dr. VINOD.A S.**  
Assistant Professor of Commerce,  
Mahatma Gandhi College,  
Thiruvananthapuram

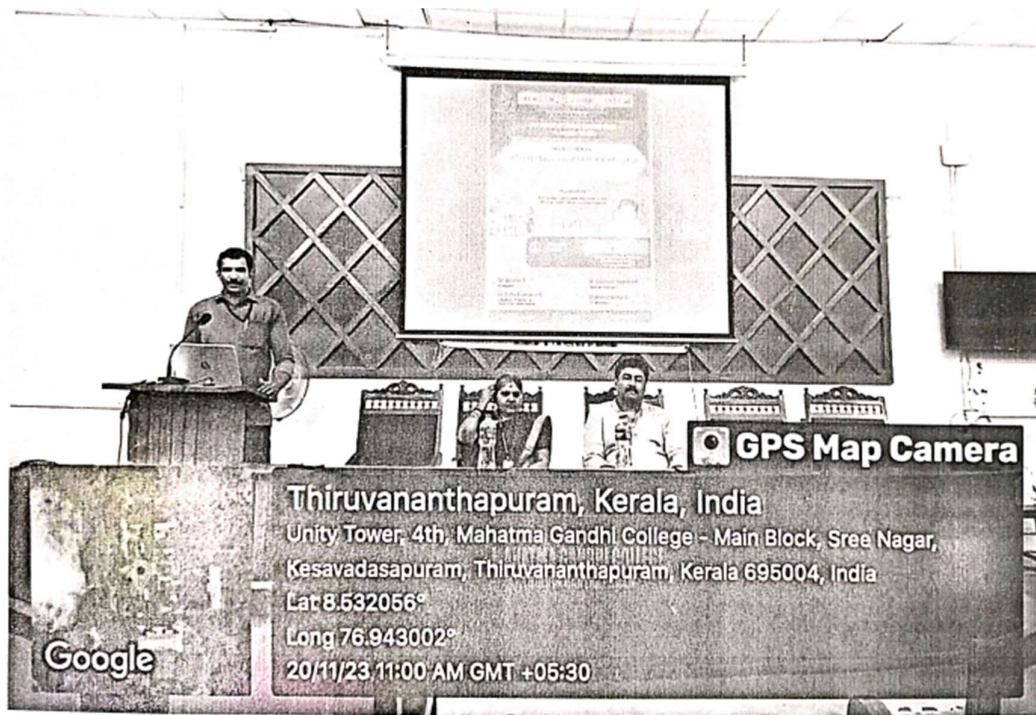
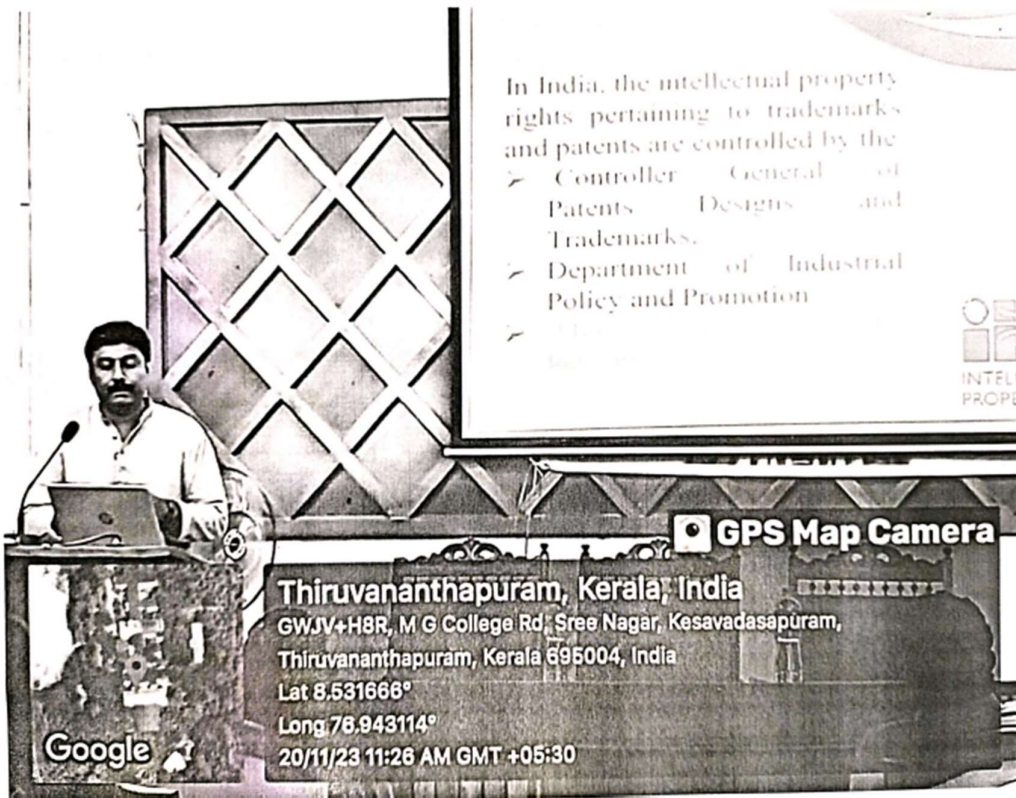
**Dr.Beena.S**  
(Principal)

**Dr.Usha Kumari.J B.**  
(Associate Professor &  
Head of the Department)


**Dr.Ratheesh Kumar.V K.**  
(IQAC Co-Ordinator)

**Dr.Rajesh Kumar.R**  
(Co-Ordinator)

20th Nov, 2023 10.30 AM Seminar Hall







# MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM

POST GRADUATE DEPARTMENT OF HINDI  
AND RESEARCH CENTRE

**MGC ARC 2024**

हिंदी विभाग एवं IQAC के तत्वावधान में आयोजित संगोष्ठी

13 MARCH 2024  
10:30 AM

## समकालीन हिंदी साहित्य : विभिन्न आयाम

(CONTEMPORARY HINDI LITERATURE: VARIOUS ASPECTS)


मान्यवर ,

यह सूचित करते हुए बेहद खुशी हो रही है कि महात्मागाँधी कॉलेज वार्षिक शोध सम्मेलन के अवसर पर स्नातकोत्तर एवं शोध केंद्र, हिंदी विभाग, तिरुवनंतपुरम एवं IQAC के संयुक्त तत्वावधान में **समकालीन हिंदी साहित्य : विभिन्न आयाम** विषय पर दिनांक 13 मार्च 2024, बुधवार को एक दिवसीय संगोष्ठी का आयोजन किया जा रहा है। इस संगोष्ठी में डॉ. उमा कुमारी जे, पूर्व विभागाध्यक्ष, हिंदी विभाग एवं डीन, पौरस्त्य भाषा संकाय, केरल विश्वविद्यालय मुख्य वक्ता रहेंगी।

**विभागाध्यक्ष**  
डॉ. उषा कुमारी जे.वी

**संयोजक**  
डॉ. अनूपा कृष्णन

**छात्र संयोजक**  
अंजना ए. एस  
शरण्या एस एस



**RESOURCE PERSON**


**Dr.Uma Kumary.J**  
Former Professor & Head  
(Former Dean faculty of Oriental Studies )  
Department of Hindi, University of Kerala

**समकालीन हिंदी साहित्य : विभिन्न आयाम**

**कार्यक्रम**

संचालन	:	<b>श्यामलतिका.एस</b>
प्रार्थना	:	<b>गोपिका.आर</b>
स्वागत	:	<b>डॉ. अनूपा कृष्णन</b> (हिन्दी विभाग, महात्मा गांधी कॉलेज तिरुवनंतपुरम)
अध्यक्ष	:	<b>डॉ. उषा कुमारी.जे.बी</b> (हिन्दी विभागाध्यक्ष ,महात्मा गांधी कॉलेज तिरुवनंतपुरम))
उद्घाटन	:	<b>डॉ. बीना एस</b> (प्रधानाचार्य ,महात्मा गांधी कॉलेज तिरुवनंतपुरम)
मुख्य वक्ता	:	<b>डॉ. उमा कुमारी. जे</b> (पूर्व विभागाध्यक्ष ,हिंदी विभाग एवं डीन , पौरस्त्य भाषा संकाय, केरल)
आशीर्वाद भाषण	:	<b>डॉ.गायत्री. एन</b> (हिन्दी विभाग, महात्मा गांधी कॉलेज तिरुवनंतपुरम)
कृतज्ञता	:	<b>शरण्या. एस. एस</b> (शोध छात्रा, हिंदी विभाग)
आलेख प्रस्तुति चर्चा		

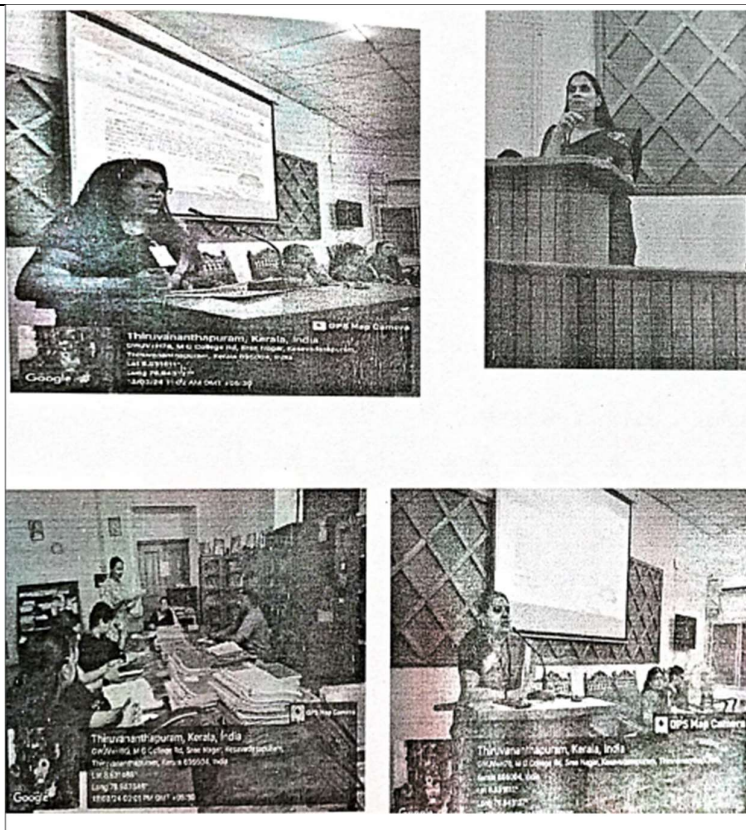
..... राष्ट्रगीत .....



**POST GRADATE DEPARTMENT OF HINDI AND RESEARCH CENTRE  
MAHATMA GANDHI COLLEGE ,THIRUVANANTHAPURAM  
REPORT--MGC-ARC HINDI 2024**

The Post Graduate Department of Hindi And Research Centre, Mahatma Gandhi College,Thiruvananthapuram had conducted its Annual Research Conference -MGC-ARC 2024 on 13/03/2024 in Association with IQAC,Mahatma Gandhi College,Thiruvananthapuram. It was conducted on 13 march 2024 in the Seminar Hall at 10 AM. The seminar was conducted on the topic - Samkaleen Hindi Sahity: Vividh Ayaam. The resource person for the Seminar was Dr.Umakumary, J , Former Head of the Department of Hindi and Dean ,Oriental Studies, University of Kerala ,Karyavattom Campus. The formal function started at 10 AM with a prayer and acharyaanusmaranam by Gopika Of I M A Hindi,Dr. Anooa Krishnan,Assistant Professor,Department of Hindi, M G College welcomed the gathering and presidential address was delivered by Dr. Ushakumari J B , Head,Department of Hindi,M G College. The resource person addressed the gathering with the topic " Samkaleen Hindi Kavita : vibhinn Ayaam". The students participated with great enthusiasm . The formal function was came to an end at 11.40 AM with vote of thanks by Dr.Gayathry N. Asst.Professor of Hindi. The scholars presented their papers and the seminar came to an end at 4 Pm,





**Merit Day (Mikavu)**

Internal Quality Assurance Cell of Mahatma Gandhi College in association with PTA organized Merit Day on 25th March 2024. As part of the programme, meritorious students in various academic and non – academic activities were honoured with cash prizes, certificates, and medals. The felicitations were extended to PhD awardees, Ph. D. produced research guides, best poster, and best presentation awardees along with university rank holders, achievements in NCC, NSS and sports related activities, etc. The achievers were honoured by Dr.Beena S , Principal.



# മിഷൻ

2023-2024



25 March 2024, 10:00 AM

College Auditorium

INTERNAL QUALITY ASSURANCE CELL &  
PARENT TEACHER ASSOCIATION  
MAHATMA GANDHI COLLEGE  
THIRUVANANTHAPURAM

### PROGRAMME SCHEDULE

- Prayer and Acharyanusmaranam **Dr. Aryambika S V**  
Assistant Professor in Sanskrit
- Welcome Speech **Dr. Ratheesh Kumar V. K.**  
IQAC Coordinator
- Presidential Address **Dr. Beena S.**  
Principal, Mahatma Gandhi College
- Inauguration **Sri. M. Sangeeth Kumar**  
Vice President, Nair Service Society,  
Changanassery  
President, NSS Thiruvananthapuram  
Taluk Karayogam Union

Prize distribution

- Felicitations **Sri. M. Karthikeyan Nair**  
PTA Vice-President
- **Dr. Rajesh Kumar R.**  
College Council Secretary
- Vote of Thanks **Dr. Jaydev S.**  
PTA Secretary





## List of Research Guides

### Department of Botany

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr. Sivu A R	Internal	Assistant Professor	AcEVI(1)/4143/2015
2	Dr. Manoj G S	Internal	Assistant Professor	Ac.EVI(1)/23849/2017
3	Dr. Rajesh Kumar T	External	Assistant Professor	AcEVI(1)/10444/2017
4	Dr. Praveen Kumar B R	External	Assistant Professor	AcEVI(1)/11259/2016
5	Dr. Sumitha VR	External	Assistant Professor	AcEVI(1)/23379/2016
6	Dr. M J Sheeba	External	Assistant Professor	Ac.EVI(3)/42327/2018
7	Dr. K R Kavitha	External	Assistant Professor	Ac.EVI(3)/44334/2018
8	Dr. Praveen Dhar T	External	Assistant Professor	AcEVI(1)/21529/2016
9	Dr. Sushama Raj R V	External	Assistant Professor	AcEVI(1)/32461/2017
10	Dr. Santhosh Kumar R	External	Assistant Professor	AcEVI(1)/41138/2016
11	Dr. Neethu S Kumar	External	Assistant Professor	AcEVI(1)/8673/2016
12	Dr. Sreeja Thankappan	External	Assistant Professor	AcEVI(1)/38451/2016
13	Dr. Archana GR	External	Assistant Professor	Ac. EVI(3)/754/2019
14	Dr. Pradeesh S	Internal	Assistant Professor	Ac EVI(5)/39715/2021
15	Dr. Remya Krishnan	Internal	Assistant Professor	Ac EVI(5)/22602/2021

### Department of Zoology

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr Gayathri Elayidam U	External	Assistant Professor	Ac.E1/A1/50455/2015
2	Dr Asha Devi R	External	Assistant Professor	Ac.EV1(3V23003/2016

3	Dr Balamurali R S	Internal	Assistant Professor	AcEV1(3)/11974/2016
4	Dr Adhira M Nayar	Internal	Assistant Professor	501/2019/UOK
5	Dr Chitra Som R S	External	Assistant Professor	7066/2022/UOK

### Department of Physics

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Anandakumar VM	Internal	Associate Professor	Ac.EV1(4)14124/2017 Dated 5/4/2017
2	Gopakumar N	Internal	Associate Professor	Ac.E1.A1/012121/2013 Dated 24/5/2013
3	Anjana P S	External	Assistant Professor	Ac.E1.A1/025689/2012 Dated 19/9/2012
4	Dr.Bijini B R	Internal	Assistant Professor	No.Ac.EVI(4)/27533/2016 Dated 25/11/2016
5	Dr.Kavitha V T	Internal	Assistant professor	No.Ac.EVI(4)13146/2016 Dated 16/1/2017
6	Dr.Meenu	Internal	Assistant Professor	Ac.EV1(4)21925/2018 Dated 18/8/2018
7	Dr.Prabitha B Nair	Internal	Assistant Professor	Ac.EV1(4)17843/2018 Dated 8/6/2018
8	Veena Suresh Babu	External	Assistant Professor	Ac.EV1(4)26027/2018 Dated 22/9/2018
9	Dr. Prasanth C S	Internal	Assistant Professor	Ac.EVI471/2021/UOK 29/1/2021
10	Dr.V Deepa	Internal	Assistant Professor	Ac.EVI 2626/2021/UOK Dated 30/5/2021
11	Dr. V N Praveen	Internal	Assistant Professor	Ac.EVI6960/2021/UOK Dated 7/12/2021
12	Dr.Simi K.G	Internal	Assistant Professor	Ac.EVI 3845//2020/UOK Dated 27/11/2020
13	Dr.Sujatha Lekshmy S	Internal	Assistant Professor	Ac.EVI 2151/2022/UOK Dated 18/3/2022

### Department of Mathematics

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr. Beena S.	External	Associate Professor	Ac.EVI(2)/40646/2018/UOK dt. 27/11/2018
2.	Dr. Reji Kumar K.	External	Associate Professor	Ac E1 A2/6410/2009/UOK dtd 2/4/2009
3	Dr. Ullas Chandran S. V.	Internal	Assistant Professor	Ac.EVI(2)/38461/2016 dt 06/01/2017

### Department of Hindi

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr.Sreedevi T	Internal	Assistant Professor	Ac,E1.A1/036559/2010, Dated 27/11/2010
2	Dr.Ushakumari K P	Internal	Assistant Professor	Ac,E1.A1/034638/2010 Dated 18/11/2010
3	Dr.Jayakumari k	Internal	Assistant Professor	Ac,EVII/23541/2017 Dated 25/10/2017
4	Dr.Gayathry N	Internal	Assistant Professor	Ac,EVII/017194/2018 Dated 04/06//2018
5	Dr.Rajesh Kumar R	Internal	Assistant Professor	Ac,EVII/33742/2016 Dated 04/11/2016
6	Dr. Anooa Krishnan	Internal	Assistant Professor	Ac,EVII/017195/2018 Dated 04/06//2018
7	Dr. Ambili V S	External	Assistant Professor	Ac,EVII/1125/2024 /UOK Dated 04/02/2024
8	Dr. Lekshmi S S	Internal	Assistant Professor	Ac,EVII/11272024/uok /UOK Dated 04/02/2024

### Department of Commerce

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr. Dileep A S	Internal	Assistant Professor, Department of Commerce Mahatma Gandhi College Trivandrum	Ac.E1.A1/029226/20 12 07/11/2012
2	Prof (Dr.) Reshmi R Prasad	External	Prof (Dr) Reshmi R Prasad Principal and research supervisor All saints' College Thiruvananthapuram	Ac.E1.A1/038648/20 13
3	Dr. Jayadev S	Internal	Assistant Professor, Department of Commerce Mahatma Gandhi College Trivandrum	AcEVII/7730/2016
4	Dr. S Priya	External	Assistant professor VTM NSS College Dhanuvachapuram	Ac.EVII/11988/2016
5	Dr. Vinod A S	Internal	Assistant Professor, Department of Commerce	Ac.EVII/15167/2017

			Mahatma Gandhi College Trivandrum	
6	Dr. Kalarani T G	External	Assistant professor VTM NSS College Dhanuvachapuram	Ac.EVII/015100/2018
7	Dr. Pradeep Kumar N	Internal	Assistant Professor, Department of Commerce Mahatma Gandhi College Trivandrum	Ac.EVII/2940/2020
8	Dr. Sumesh G S	External	Assistant professor VTM NSS College Dhanuvachapuram	1146/2021
9	Dr. Chitra P	External	Assistant Professor, Department of Commerce, NSS College Nilamel	Ac E VII786/2022

### Department of Chemistry

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr. Sikha T.S	Internal	Assistant Professor	Ac.EVI(2)/48720/2017
2	Dr. Simi C.K.	Internal	Assistant Professor	Ac.EVI(2)/50362/2017
3	Dr. Resmi Raghunandan	Internal	Assistant Professor	Ac.EVI(2)/32415/2016
4	Dr. Bindu P. Nair	Internal	Assistant Professor	Ac.EVI(2)/028401/2018
5	Dr. V.S. Dhanya	Internal	Assistant Professor	Ac.EVI(2)/4324/2019
6	Dr. Siji V.L.	External	Assistant Professor	Ac.EVI(1)/22150/2015
7	Dr. Beena Kumari K.S	External	Assistant Professor	Ac.E1/A1/9219/2015
8	Dr. Syam Krishnan K	External	Assistant Professor	Ac.EVI(2)/024520/2018
9	Dr.Rahul S	Internal	Assistant Professor	Ac.EVI(2)/26459/2019
10	Dr.Prakash Chandran R	External	Assistant Professor	Ac.EVI(2)/024521/2018
11	Dr. Sreekanth R	Internal	Assistant Professor	Ac.EVI(2)/3133/2022/UoK
12	Dr. Sarish S	External	Assistant Professor	Ac.EVI(2)/52906/2018
13	Dr.Sreenath K	External	Assistant Professor	Ac.EVI(2)/52903/2018
14	Dr. Renjusha S	External	Assistant Professor	Ac.EVI(2)/6302/2022/UoK

### Department of Malayalam

Sl. No	Name	Internal/ External	Designation	University order number (Guide)
1	Dr K Jyothish kumar	IN	Associate Professor	AC.E1.A1/034638/2010 Dtd 18.11.2010
2	Dr B S Binu	IN	Associate Professor	AC.EVII/33741/2016 Dtd 09.11.2016
3	DR Ramadevi	IN	Associate Professor	AC.VII/31826/2017 Dtd 01.11.2017
4	Dr R Rajesh	EX	Assistant Professor	AC.EVII/10446/2017 Dtd 20.03.2017
5	Dr I Sheeja	EX	Assistant Professor	AC.EVII/33741/2016 Dtd 16.11.2016
6	Dr vandana B	EX	Assistant Professor	AC.EVII/01876/2018 Dtd 21.06.2018
7	Dr Reeja Ravindran	EX	Assistant Professor	AC.E1.A1/040442/2011 Dtd 02.01.2012

### List of Research Scholars

#### Department of Physics

Name of Guide	Internal / External	Name of Scholar	Full Time / Part Time	University order number (Student)	Current Status (On going/ Thesis Submitted/ PhD Awarded)
<b>Dr.V M Anand Kumar</b>	Internal	Primsa I P	PT	Ac EVI(4)/119/PHY/18809/2019	Scientific Officer
		Sindhu R L	PT	Ac EVI 1363/2020/UOK	Ongoing
		Sini Chandran	PT	Ac EVI 1365/2020/UOK	Ongoing
<b>Dr.N Gopakumar</b>	Internal	Raji	PT	Ac EVI(4)/719/PHY/20575/2019	Scientific Officer
		Anju M S	FT	Ac EVI(4)/17412//2019	Going to submit
		Deepa Suresh	FT	Ac EVI(4)/22013001007/PHY/2022	Ongoing
		Kavya J V	FT	Ac EVI(4)/721/PHY/24828/2021	Ongoing
		Revupriya M R	FT	AcE1.B4/714/PHY/11645	Awarded

<b>Dr.Anjana P S</b>	External	Vasanthi	FT	Ac EVI(4)/117/PHY/15240/2017	Pre submission completed/ employed
		Amala	FT	Ac EVI(4)/721/PHY/25227/2021	Ongoing
<b>Dr.Bijini B R</b>	Internal	Divya	FT	Ac EVI(4)/25360/2017	Awarded
		Arya D G	FT	Ac EVI(4)/720/PHY/23139/2021	Ongoing
		Darsana M G	FT	Ac EVI(4)/22073001015/PHY/2022/UOK	Ongoing
<b>Dr.Kavitha V T</b>	Internal	Vindhya P S	FT	Ac EVI(4)/717/PHY/16284/2017	Awarded/Irrigation department
		Sandhya Suresh	FT	Ac EVI(4)/120/PHY/21492/2021	Ongoing
<b>Dr.Deepa V</b>	Internal	Archa Chandran	FT		Ongoing
		Ancy Jerald	FT	Ac EVI(4)/22073001001/PHY/2022/UOK	Ongoing
<b>Dr.Prasanth C S</b>	Internal	Anju Thankappan	FT	Ac EVI(4)/721/PHY/25351/2021	Ongoing
<b>Dr.Prabitha B Nair</b>	Internal	Gopika M S	PT	Ac EVI(4)/119/PHY/18818/2019	Going to submit/Guest lecturer
		Arsha sunil	FT	Ac EVI(4)/717/PHY/19280/2019	Ongoing

### Department of Zoology

Name of Guide	Internal / External	Name of Scholar	Full Time / Part Time	University order number (Student)	Current Status (On going/ Thesis Submitted/ PhD Awarded)
<b>Dr Adhira M Nayar</b>	Internal	Shibina A S	FT	481/2020/UOK	Ongoing
		Savitha P	PT	3101/2020/UOK	Ongoing
		Lekshmi R	FT	951/2021/UOK	Ongoing
<b>Dr S Thara</b>	External	Archana Devi V D	FT	2071/2021/UOK	Ongoing
<b>Dr. Balamurali R. S</b>	Internal	Athira Radhakrishnan	FT	Ac EVI/118/ZOO/17112/2018	Ongoing
		Amrutha SS	FT	Ac EVI /117/ZOO/15059/2017	Ongoing
		Arya Unni	FT	Ac EVI/117/ZOO/15414/2017	Ongoing
<b>Dr Gayatri Elayidam</b>	External	Soumya S Das	FT	Ac.EVI/717/ZOO/16322/2018	Ongoing



		Hyzil JB	PT	2778/202020/UOK	Ongoing
<b>Dr. Asha Devi R</b>	External	Geethu Gopal	FT	Ac. EVI 117/ZOO/15389//2018	Ongoing
		Kumari Vidya	FT	AcE. VI(1/715/ZOO/13435/2015	Ongoing
		Jayachitra SK	PT	Ac.EV1(3)/22196/120/ZOO/ 2020	Ongoing
		Athira V	FT	2141/2021/UOK	Ongoing

### Department of Botany

Name of Guide	Internal/ External	Name of Scholar	University order number (Student)	Current status
Dr. Sivu A R	Internal	Neethu S.S (F)	Ac.EVI(1)/118/BOT/16695/2018	Doing
		Asha lekshmi(F)	Ac.EVI(1)/118/BOT/16977/2018	Doing
		Rejini R L (F)	Ac.EVI(5)/712/BOT/25714/2021	Doing
Dr. Sumitha VR	External	Vidhya A.S(F)	Ac.EVI(1)/716/BOT/14421/2017	Doing
		Sruthi S. Nair (F)	Ac.EVI(5)/22013007004/BOT/2022	Doing
Dr. Neethu S Kumar	External	Chitra S G (F)	Ac.EVI(1)/717/BOT/15994/2017	Doing
		Sreeja Devi P S (F)	Ac.EVI(1)/717/BOT/16071/2017	Doing
		NeethuSaimon K (F)	Ac.EVI(1)/718/BOT/16576/2018	Doing
		Parvathy B M(F)	Ac.EVI(1)/717/BOT/16317/2017	Doing
Dr. Manoj G S	Internal	Swathi S Nair (F)	Ac.EVI(3)/719/BOT/20819/2019	Doing
		Arathy R(F)	Ac.EVI(1)/717/BOT/16145/2017	Doing
		SarathRamesan V V (F)	Ac.EVI(5)/22013007014/BOT/2022/UOK	Doing
Dr. Praveen Kumar B R	External	Gayathri S S (F)	Ac.EVI(1)/118/BOT/16552/20218	Doing
		Chinthu R V (F)	Ac.EVI/119/BOT/18972/2019	Doing
Dr. Rajesh Kumar T	External	Aryaprabha (F)	Ac.EVI(1)/716/BOT/14827/2017	Doing
		Jisa John (P)	Ac.EVI(1)/717/BOT/16089/2017	Doing
Dr. Sreeja Tankappan	External	Soumya Jose (F)		Doing
Dr. Remya Krishnan	Internal	Anu Jose (F)	Ac.EVI(5)/22073007013/BOT/2022/UOK	Doing
		Jerry Jackson (P)	Ac.EVI/22013007012/BOT/2022/UOK	Assistant Professor
Dr. Archana G R	External	Aswathy Santhosh (F)	Ac.EVI(5)22013007010/BOT/2022	Doing
		Mahitha G (F)	Ac.EVI(5)22013007013/BOT/2022	Doing

		Soumya Prasad(F)	Ac.VI(3)/719/BOT/21314/2020	Doing
Dr.Praveen Dhar T	External	Meera Krishnan(F)	Ac.EVI/119/BOT/19353/2019	Awarded
		Rajalekshmi S(F)	Ac.EVI/119/BOT/19250/2019	Doing
Dr. Kavitha K R	External	Mithraja M J (F)	AcEVI(3)/21209/BOT/2019	Doing
Dr. Sushama Raj R V	External	Varghese PM(P)	Ac.VI/718/BOT/18256/2018	Doing
Dr. Nusaifa Beevi P	External	Smitha Rani SP(F)	Ac.EVI(1)/717/BOT/16129/2017	Doing
		Reshma Rillison(F)	Ac.VI(5)/120/BOT/22186/2020	Doing
Dr.M J Sheeba	External	Soumyamol N (F)	Ac.VI/834/2021/UOK	Doing
		Anusha S Britto (F)	Ac.VI(5)/721/BOT/25142/2021	Doing

### Department of Mathematics

Name of Guide	Internal/ External	Name of Scholar	University order number (Student)
Dr. Beena S.	External	Archana Rajeev(F)	Ac.EVI(1)/119/MAT/19001/2019
Dr K. Reji Kumar	External	Prabha S(P)	Ac.EVI(1)/121/MAT/23789/2021/UOK
		Vijayakumar A G(P)	Ac.EVI(1)/121/MAT/23844/2021/UOK
		Nevin John(P)	Ac.EVI(1)/121/MAT/24030/2021/UOK
Dr. Ullas Chandran S. V.	Internal	Maya G. S. Tankachy(F)	Ac.EVI(2)/717/MAT/16143/2017
		Neethu P. K.(F)	Ac.EVI(1)/119/MAT/18500/2019
		Sheethal S(F)	Ac.EVI(1)/119/MAT/18495/2019
		Haritha S.(F)	Ac.EVI(1)/22013011004/MAT/2022/UOK

### Department of Commerce

Name of Guide	Internal/ External	Name of Scholar	Full Time/ Part Time	University order number (Student)	Current Status (On going/ Thesis Submitted / PhD Awarded)
Dr. Reshmi R Prasad	External	Rakhi G R	FT	AcEVII/717/COM/00376 (10)/2017	Awarded
Dr. Reshmi R Prasad	External	Athena Prince	FT	AcEVII/118/COM/024498(1)/2018	Awarded
Dr. Kalarani T G	External	Vinitha V K	FT	AcEVII/718/COM/48702(15)/2018	Awarded

Dr. Kalarani T G	External	Ancy John	FT	AcEVII/718/COM/51400 (1)/2018	Awarded
Dr. Vinod A S	Internal	Rakhi M R	FT	AcEVII/119/COM/12 148(9)/2019	Awarded
Dr. Vinod A S	Internal	Haritha S M	FT	AcEVII/119/COM/12 148(14)/2019	Awarded
Dr. Dileep A S	Internal	Abhilash L S	FT	AcEVII/119/COM/13 600(6)/2019	Awarded
Dr. Vinod A S	Internal	Sumesh S P	FT	AcEVII/119/COM/22 118(2)/2019	Awarded
		Anjali R	FT	AcEVII/119/COM/22 118(3)/2019	Awarded
Dr. Pradeep Kumar N	Internal	Anandhapadma nabhan S	FT	AcEVII/120/COM/22 141	Ongoing
Dr. Pradeep Kumar N	Internal	Athira M	FT	Ac.EVII/120/COM/2 2405	Ongoing
Dr. Pradeep Kumar N	Internal	Gouri R V	FT	Ac.EVII/120/COM/2 2231	Ongoing
Dr. Pradeep Kumar N	Internal	Samitha Rajan	FT	AcEVII/120/COM/22 430	Ongoing
Dr. Sumesh G S	External	Manu Chandran	FT	AcEVII(2)/121/COM /24133	Ongoing
Dr. Dileep A S	Internal	Anubhadra C S	FT	Ac.EVII/121/COM/2 4025	Ongoing
Dr. Sumesh G. S	External	Sabeena A	FT	Ac.EVII/1/121/COM/ 24159	Ongoing
Dr. Reshmi R Prasad	External	Vidhya Vijayan P	FT	Ac.EVII/121/COM/2 3890	Ongoing
Dr. S Priya	Dr. S Priya	Ajith K S	FT	AcEVII/121/COM/22 987	Ongoing
Dr. Sumesh G S	External	Krishnendhu R A	FT	Ac.EVII/121/COM/2 4064	Ongoing
Dr. Jayadev S	Internal	Ria Idicula	FT	AcEVII/719/COM/38 1011(3)/2019	Ongoing
Dr. Chithra	External	Rahul P R	FT	Ac.EVII/122/COM/2 2014001051/2022	Ongoing
Dr. S Priya	Dr. S Priya	Meenu Suresh	FT	AcEVII/122/COM/22 014001031/2022	Ongoing
Dr. Chithra	External	Athira M Kumar	FT	AcEVII/122/COM/22 014001035/2022	Ongoing
Dr. Vinod A S	Internal	Athira K A	FT	Ac.EVII/122/COM/2 2014001055/2022	Ongoing
Dr. Vinod A S	Internal	Akhila S	FT	Ac.EVII/122/COM/2 2014001036/2022	Ongoing
Dr. S Priya	Dr. S Priya	Nikhitha	FT	AcEVII/122/COM/22 014001004/2022	Ongoing
Dr. Jayadev S	Internal	Anjaly H	FT	AcEVII/119/COM/15 146(8)/2019	Awarded

Dr. Kalarani T G	External	Vidya S Nair	FT	AcEVII/722/COM/22 074001001/2022	Ongoing
Dr. Kalarani T G	External	Manjima D	FT	AcEVII/722/COM/22 074001032/2022	Ongoing
Dr. Dileep A S	Internal	Sreereshma S R	FT	AcEVII/122/COM/13 524/2023	Ongoing
Dr. S Priya	Dr. S Priya	Gopika S	FT	AcEVII/123/COM/2301400 1011/2023	Ongoing
Dr. Sumesh G. S	External	Vidhu V L	PT	Ac.EVII/117/COM/38273/2 017	Ongoing
Dr. Jayadev S	Internal	Vishnu R Nair	PT	AcEVII/119/COM/12 148(15)/2019	Ongoing
Dr. S Vinod	Internal	Vishnu Gopan	PT	Ac E 1 B/713/COM/ 10681/ 2013.	Awarded
Dr. S Priya	Dr. S Priya	Shyni K S	PT	ACEB/114/COM/11173/20 14 -1	Awarded
Dr. Dileep A S	Internal	Saritha K R	PT	Ac E 1 B /713/COM/10681/20 13	Awarded
Dr. Kalarani T G	External	Vinita A	PT	AcEVII/718/COM/44584 (9)/2018	Ongoing
Dr. Kalarani T G	External	Naseera Beevi N	PT	AcEVII/718/COM/44584(11 )/2018	Awarded
Dr. S Priya	Internal	Shyni K S	PT	ACEB/114/COM/11173/20 14 -1	Awarded
Dr. Dileep A S	Internal	Sreelekshmy H G	PT	Ac.E.VII/ 118/COM/029951(1)/2018	Ongoing
Dr. S Priya	Internal	Divya Raj G	PT	AcEVII/118/COM/031666/2 018	Awarded
Dr. S Jayadev	Internal	Bindhu J R	PT	AcEVII/117/COM/3 8258/2017	Awarded
Dr. Reshmi R Prasad	External	Gayathri Devi	PT	AcEVII/09515/2818	Awarded
Dr. S Jayadev	Internal	Manesh M	PT		Awarded
Dr. S Jayadev	Internal	Sudeep S R	PT	Ac.E.VII/ 5550/2023/UOK	Ongoing
Dr. Chithra	External	BijiMol V	PT	AcE1.B/714/COM/12103/2 014	Ongoing
Dr. Chithra	External	Devina S	PT	Ac EVII 1172/2023/UOK	Ongoing
Dr. Sumesh G S	External	Manesh S	PT	Ac.EVII/121/Com/23830	Ongoing
Dr. Kalarani T G	External	Shiny S	PT	Ac E VII 1355/2023/UOK	Ongoing
Dr. Reshmi R Prasad	External	Sheeba M Lekshman	FT	AcEVII/717/COM/OO3376( 8)/2017	Awarded
Dr. Reshmi R Prasad	External	Rakhi G R	FT	AcEVII/717/COM/00376(10 )/2017	Ongoing

Dr. Reshmi R Prasad	External	Athena Prince	FT	AcEVII/118/COM/024498(1)/2018	Ongoing
Dr. S Jayadev	Internal	Resmi R	FT	Ac.EVII/09515/2018	Awarded
Dr. Vinod A S	Internal	Jissy S G	FT	AcEVII/718/COM/51400(1)/2018	Awarded
Dr. Kalarani T G	External	Naseer Beevi N	FT	AcEVII/718/COM/44584(11)/2018	Ongoing
Dr. Vinod A S	Internal	Sanjith S R	FT	AcEVII/718/COM/44584(7)/2018	Awarded
Dr. S Priya	Internal	Sereena A	FT	AcEVII/718/COM/44584(9)/2018	Awarded
Dr. S Jayadev	Internal	Maya Babu B P	FT	AcEVII/718/COM/44584(14)/2018	Awarded
Dr. Kalarani T G	External	Vinitha V K	FT	AcEVII/718/COM/48702(15)/2018	Ongoing
Dr. Kalarani T G	External	Ancy John	FT	AcEVII/718/COM/51400(1)/2018	Ongoing
Dr. Vinod A S	Internal	Rakhi M R	FT	AcEVII/119/COM/12148(9)/2019	Ongoing
Dr. Vinod A S	Internal	Haritha S M	FT	AcEVII/119/COM/12148(14)/2019	Ongoing
Dr. Dileep A S	Internal	Abhilash L S	FT	AcEVII/119/COM/13600(6)/2019	Ongoing
Dr. Dileep A S	Internal	Kavery B S	FT	AcEVII/117/COM/38264/2017	Awarded
Dr. S Jayadev	Internal	Naja B	FT	AcEVII/118/COM/027011(7)/2018	Awarded
Dr. Vinod A S	Internal	Sumesh S P	FT	AcEVII/09515/2818	Ongoing
Dr. Vinod A S	Internal	Anjali R	FT	AcEVII/119/COM/22118(3)/2019	Ongoing
Dr. Pradeep Kumar N	Internal	Anandapadmanabhan S	FT	AcEVII/120/COM/22 141	Ongoing
Dr. Pradeep Kumar N	Internal	Athira M	FT	Ac.EVII/120/COM/22405	Ongoing
Dr. Pradeep Kumar N	Internal	Gouri R V	FT	Ac.EVII/120/COM/22231	Ongoing
Dr. Pradeep Kumar N	Internal	Samitha Rajan	FT	AcEVII/120/COM/22430	Ongoing
Dr. Sumesh G. S	External	Manu Chandran	FT	AcEVII(2)/121/COM/24133	Ongoing
Dr. Sumesh G. S	External	Krishnendhu R A	FT	Ac.EVII/121/COM/24064	Ongoing
Dr. Dileep A S	Internal	Anubhadra C S	FT	Ac.EVII/121/COM/2 4025	Ongoing
Dr. Reshmi R Prasad	External	Vidhya Vijayan P	FT	Ac.EVII/121/COM/23890	Ongoing
Dr. Sumesh G. S	External	Vidhu V L	PT	Ac.EVII/117/COM/38273/2017	Ongoing
Dr. S Priya	Internal	Ajith K S	FT	AcEVII/121/COM/22987	Ongoing

Dr. Sumesh G. S	External	Sabeena A	FT	Ac.EVII/1/121/COM/24159	Ongoing
Dr. Jayadev S	Internal	Riya Idicula	FT	AcEVII/719/COM/381011(3)/2019	Ongoing
Dr. Dileep A S	Internal	Rakesh S	PT	Ac.E1.B2/113/COM/013472-1	Awarded
Dr. Dileep A S	Internal	Kavitha L	PT	AcE.VII.716/COM/19925/2016	Awarded
Dr. Dileep A S	Internal	Saritha K R	PT	Ac E 1 B /713/COM/10681/2013	Ongoing
Dr. Vinod A S	Internal	Vishnu Gopan	PT	Ac E 1 B/713/COM/10681/2013.	Ongoing
Dr. S Priya	Internal	Shyni K S	PT	ACEB/114/COM/11173/2014-1	Ongoing
Dr. Jayadev S	Internal	Misha V	PT	AcEVII/118/COM/027011(5)/2018	Awarded
Dr. Dileep A S	Internal	Sreelekshmy H G	PT	Ac.E.VII/118/COM/029951(1)/2018	Ongoing
Dr. S Priya	Internal	Divya Raj G	PT	AcEVII/118/COM/031666/2018	Ongoing
Dr. S Priya	Internal	Sajeev Kumar B	PT	ACEVII/716/COM/19921/2016	Awarded
Dr. Kalarani T G	External	Keerthi Krishna M	PT	AcEVII/718/COM/4458(4)/2018.	Awarded
Dr. S Jayadev	Internal	Bindhu J R	PT	AcEVII/117/COM/38258/2017	Ongoing
Dr. Reshmi R Prasad	External	Gayathry Devi	PT	AcEVII/09515/2818	Ongoing
Dr. S Jayadev	Internal	Vishnu R Nair	PT	AcEVII/119/COM/12148(15)/2019	Ongoing

### Department of Hindi

Name of Guide	Internal/External	Name of Scholar	Full Time/Part Time	University order number (Student)	Current Status (On going/Thesis Submitted/PhD Awarded)
Dr. Sreedevi T	Internal	Rajeswary.S	FT	AC.EV11/117/HIN/24314/2017 dated 13/06/2017	Awarded
		Saranya.S.S	FT	AC.EV11/117/HIN/24305/2017 dated 23/08/2017	Awarded
		Sariga J		AC.EV11/2827/2022/UOK Dated: 11.04.2022	Not submitted
		Anjana Prasad S		AC.EV11/3445/2022/UOK Dated: 06.05.2022	Center changed to

					University campus
		Remya S	FT	AcEVII/718/HIN/2858-5 dated 10/04/2019	Not submitted
Dr.Jayakumari K	Internal	Keerthi S	FT	AcEV11/118/HIN/ 018714(3) /2018 dated 28/04/2018	Not submitted
		Amrutha K	FT	AcEV11/2849/2022/UOK Dated 12/04/2022	Center changed to University campus
		Sreevarsha Mohan		AcEV11/2744/2022/UOK Dated: 07/04/2022	Center changed to University campus
		SUJITHA L		Ac E VII/ 6792/2022/UOK Dated: 29.08.2022	Center changed to University campus
Dr.Gayathry N	Internal	Syamalathika	FT	AcEVII/718/HIN/2858-1 dated 10/04/2019	Not submitted
		Arunima M S	FT	AcEVII/119/HIN/36971/7 dated 05/02/2020	Not submitted
		Saranya S S	FT	AcEVIII/119/HIN/36971/8 Dated 10/02/2020	Not submitted
		Hima S	FT	AcEVIII/120/HIN/22504 Dated 27/01/2021	Not submitted
Dr.Rajesh Kumar R	Internal	Sunamy L Vijayan	FT	AcEV11/117/HIN/24311/2017 dated 21/06/2017	Pre-submission done
		Arya V S	FT	AcEV1/717/HIN/53124/2018 dated 16/02/2018	Awarded
		Liju M L	FT	AcEV11/717/HIN/53124/2018 dated 16/02/2018	Not submitted
		Lekshmy C V	FT	AcEV11/717/HIN/53124/2018 /2 dated 16/02/2018	Not submitted
		Sajitha S R	FT	AcEV11/6483/2022/UOK Dated: 17.08.2022	
Dr.Anoopa Krishnan	Internal	Krishna Priya J K	FT	AcEVII/718/HIN/2858-3 dated 18/03/2019	Not submitted
		Vidya J V	FT	AcEVII/718/HIN/2858-6 dated 07/06/2019	Not submitted
		Anjana AS	FT	AcEVIII/119/HIN/36971/9 Dated 05/02/2020	Not submitted
		Akhil A	FT	AcEVIII/2837/2021/UOK Dated 28/05/2021	Not submitted
Dr.Asha S Nair	External	Priji M P	FT	AcEV11/715/HIN/1392 dated 18/03/2016	Pre-submission done

### Department of Chemistry

Name of Guide	Internal/ External	Name of Scholar	Full Time/ Part Time	University order number (Student)	Current Status (On going/ Thesis Submitted/ PhD Awarded)
Dr. Sikha T.S	Internal	Shyni B	FT	AcE.VI(2)717/CHE/16097/2017	On going
		Remiya	FT	AcE.VI(2)118/CHE/17025/2018	On going
Dr. Simi C.K.	Internal	Jesna Das	FT	AcE.VI(2)718/CHE/18247/2018	On going
Dr. Resmi Raghunandan	Internal	Sreeja T.G.	PT	AcE.VI(2)717/CHE/15985/2017	On going
		Harisankar A	FT	AcE.VI(2)718/CHE/17862/2018	Submitted
		Preethi P.C	FT	AcE.VI(2)718/CHE/17974/2018	Submitted
Dr. Bindu P Nair	External	Shiji E	PT	Ac.EVI(2)120/CHE/22014/2020	On going
Dr. V.S. Dhanya	Internal	Satheesh Chandran P.R	PT	Ac. E1.A/713/CHE/10439/2013	Submitted
		Manju M.J	PT	Ac.EVI(2)120/CHE/21679/2020	On Going
Dr. Siji V.L. External	External	Jisha M J	PT	Ac.EVI(2)120/CHE/21524/2020	On going
		Muthu S	PT	Ac.EVI(2)120/CHE/22041/2020	On going
Dr. Beena Kumari K.S	External	Nayana Senan V	FT	Ac.EVI(2)719/CHE/20525/2019	On Going
		Lekshmi O	FT	Ac.EVI(2)719/CHE/20524/2019	On Going
Dr. Syam Krishnan K	External	Anu K	PT	Ac.EVI(2)120/CHE/21954/2020	On going

### Department of Malayalam

Name of Guide	Internal/ External	Name of Scholar	Full Time/ Part Time	University order number	Current Status (On going/ Thesis
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			Part Time	(Student)	Submitted/ PhD Awarded)
Dr Gopalakrishnan Pillai	IN	Abhijith S Pillai	FT	6373/2021/U OK	Guide changed and center changed to government womens college tvn
		Bhoomika S	FT	AC.EVII/120/MAL/22544	Guide changed and center changed to government womens college tvn
Dr K Jyothish Kumar	IN	Sumesh K Balan	FT	AC.EII.C114/MAL/10957	
		Chandralekha A	FT	AC.EVII/119/MAL/19327/2019	
		Renu V R	FT	AC.EVII/119/MAL/19025/2019	Pre submission
		Harsha Cyriac	FT	AC.EVII/120/MAL/22461/2021	
Dr S Binu	IN	Sreejith P G	FT	AC.E1.B/113/MAL/10254	
		Bijulal V R	FT	AC.EVII/115/MAL/12480	
Dr Rema Devi	IN	Kavya .M.V	FT	AC.EVII/717/MAL/01936/201	
		Suma .B	FT	AC.EVII/717/MAL/01939319/2019	
		Suma Kumari.A	FT	AC.EVII/716/MAL/0193935/2018	
		Sajan K.S	FT	AC.EVII/717/MAL/011939312/2018	
Dr B S Binu	EX	Kiran R	FT	AC.EVII/717/MAL/01939314/2018	
		Sreekala .M.S	FT	AC.EVII/717/MAL/01939316/2018	

		Drishya Gopi	FT	AC.EVII/717/ MAL/019393 13/2018	
		Sreeja P	FT	AC.EVII/4285 9/2017	
		Meenakshy S	FT	EVII/119/MA L/18815/201 9	
Dr I Sheeja	EX	Sreeja P	FT	AC.EVII/4285 9/201756/20 18	Changed to last time
		Geethu P S	FT	24/07/18	Changed to last time
		Beena S	FT	AC.EVII/117/ MAL/019393 17/18	
Dr Vandana B	EX	Najiya Naseer	FT	ACEVII/ 119/MAL/15 893/2019	
		Febina P K	FT	ACEVII/718/ MAL/1742/2 018	
Dr Reeja Ravindran	EX	Geethu P G	FT	ACEVII/718/ MAL/17673/ 2018	
		Parvathy Krishnan P L	FT	ACEVII/019/ MAL/19360/ 2019	
		Bindhu J P	FT	2018	Pre submission
		Praveena P S	FT	AC.EVII/116/ MAL/13690/ 2018	

### Research Publications during 2023

Sl. No.	Title of paper	Name of the author/s	Department	Name of journal
1	Effect of cobalt doping on antimicrobial, antioxidant and photocatalytic activities of CuO nanoparticles	Dr. VT Kavitha	Physics	Materials Science and Engineering: B
2	Antimicrobial, antioxidant, cytotoxicity and photocatalytic performance of Co doped ZnO nanoparticles biosynthesized using Annona Muricata leaf extract	Dr. VT Kavitha	Physics	Journal of Environmental Health Science and Engineering

3	Phyto-mediated synthesis of pure and cobalt-doped SnO <sub>2</sub> nanoparticles for antimicrobial, antioxidant, and photocatalytic activities	Dr. VT Kavitha	Physics	Biomass Conversion and Biorefinery
4	Optical characterization of rare-earth activated La <sub>2-x</sub> Ln <sub>x</sub> (MoO <sub>4</sub> ) <sub>3</sub> (Ln= Dy, Sm) phosphors	Dr H Padmakumar	Physics	Journal of Molecular Structure
5	Synthesis, characterization and mechanism of enhanced visible light photocatalytic activity of TiO <sub>2</sub> -WO <sub>3</sub> nanocomposites	Dr Prabitha B Nair	Physics	Research on Chemical Intermediates
6	An insight into Judd-Ofelt analysis and non-contact optical thermometry of LiCa <sub>2</sub> Mg <sub>2</sub> V <sub>3</sub> O <sub>12</sub> : Dy <sup>3+</sup> phosphors for multifunctional applications	Dr N Gopakumar	Physics	Optical Materials
7	Phyto-synthesis of Pure and Mn Doped SnO <sub>2</sub> Nanoparticles: Evaluation of Antimicrobial, Antioxidant and Photocatalytic Activities	Dr. VT Kavitha	Physics	Journal of Inorganic and Organometallic Polymers and Materials
8	Luminescence characteristics of white light emitting BaGa <sub>2</sub> O <sub>4</sub> : Dy <sup>3+</sup> phosphors for LEDs and stress sensing applications	Dr N Gopakumar	Physics	Radiation Physics and Chemistry
9	A comprehensive study on photocatalytic, antimicrobial, antioxidant and cytotoxicity effects of biosynthesized pure and Ni doped CuO nanoparticles	Dr. VT Kavitha	Physics	Inorganic Chemistry Communications
10	Structural, optical and dielectric properties of nanostructured La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> perovskites	Dr. VT Kavitha	Physics	Materials Today Communications
11	Bio-fabrication of Ni doped ZnO nanoparticles using Annona Muricata leaf extract and investigations of their antimicrobial, antioxidant and photocatalytic activities	Dr. Kavitha VT	Physics	Physica Scripta 98 (1), 015830
12	Phytoplankton diversity and physico-chemical features of vamanapuram river, India	Dr. R.S. Balamurali	Zoology	Indian Hydrobiology
13	On some extremal position problems for graphs	Dr Ullas Chandran SV	Mathematics	ARS Mathematica Contemporanea

14	Larvicidal and Antibacterial Efficacy of Green Synthesized Silver Nanoparticles Using Aqueous Leaf Extract of Cinnamomum Verum	Adhira M Nayar	Zoology	Journal of Chemical Health Risks
15	Peptide Vaccines as Therapeutic and Prophylactic Agents for Female-Specific Cancers: The Current Landscape	Adhira M Nayar	Zoology	Pharmaceuticals
16	Development of a Cu/ZnO@ ZIF-8 nanocomposite as a pH-responsive drug delivery vehicle for the sustained release of doxorubicin in human lung cancer cell lines	Dr Resmi Raghunandan	Chemistry	Journal of Drug Delivery Science and Technology
17	Hydrogen bond mediated turn-on sensor: Ultra-sensitive and label free barium-MOF for probing malathion an organophosphate pesticide	Dr. Resmi Raghunandan	Chemistry	Journal of Molecular structure
18	Dual-Functional Manganese-Doped ZnO-MOF Hybrid Material with Enhanced Hydrolytic Stability: A Fluorescent Photoinduced Electron Transfer Sensor for the Ultrasensitive Detection of Acetic Acid and Chromium (VI)	Dr. Resmi Raghunandan	Chemistry	Inorganic Chemistry (ACS)
19	Synthesis, characterization, photocatalytic activity, DNA interaction and antimicrobial studies of some lanthanide(III) complexes with a tridentate Schiff base ligand	Dr Sikha TS	Chemistry	Journal of Coordination Chemistry
20	Spectral, thermal, structural and DFT studies of new luminescent heterobimetallic MOF of lead and sodium based on diglycolic acid ligand having unusual coordination environment for photodegradation and antibacterial applications	Dr. Resmi Raghunandan	Chemistry	Journal of Molecular structure
21	One-pot synthesis, characterization, photocatalytic activity and biological studies of Co(II), Ni(II) and Cu(II) complexes of a tetraazamacrocyclic Schiff base	Dr Sikha TS	Chemistry	Journal of Coordination Chemistry
22	Recalcitrant Behaviour of the Seeds of Endangered Syzygium Zeylanicum (L.) DC.	Sharanya KP	Botany	Journal of Plant growth regulation

23	Atlas of Cyathodium Kunze Species from India	Dr Manoj GS	Botany	Asian Journal of Biological and Life Sciences
24	Destination image on tourist satisfaction : A bibliometric analysis	Dr. Vinod A S	Commerce	Buisness management and Economics Engineering
25	Small Business are going green: How MSMES in India are embracing Sustainable Practices to meet the growing demand for green Consumerism	Dr. Priya A.S.	Commerce	Industrial Engineering Journal
26	Phytoplankton diversity and physico-chemical features of vamanapuram river, India	Dr. R.S. Balamurali	Zoology	Indian Hydrobiology
27	A study on the effect of dietary fiber on lipid metabolism in rats	Dr. Bijukumar B.S., Dr. Suresh Chandra Kurup	Zoology	Journal of Xidian University
28	Advances in Zooplankton studies - An overview	Dr. Balamurai R.S.	Zoology	Sustainability, Agri, Food and Environmental Research
29	Environmental factors affecting the distribution of selected free living isopores in the southern coast of Kerala, India	Dr. Balamurali R.S.	Zoology	Bulletin of Pure and applied sciences
30	Trichodinid ciliates in two economically important fishes, Rastrelliger Kanagurta (Perciformes: Seombridae) and Oreochromis Mossambicus (Perciforms : Cichlidae) from Kerala, India	Dr. Balamurali R.S.	Zoology	Sustainability, Agri, Food and Environmental Research
31	Samakaleen Hindi kahaniyom mem thritheey lingi manavom ki samasyayem	Dr. Rajesh Kumar R	Hindi	Keral Jyothi
32	Swanthamthryothar hindi mahila kahanikar : Ek Antharang pehchan	Dr. Rajesh Kumar R	Hindi	Keral Jyothi
33	The Trauma of Queer Communities: A Study of Geo-Political Reality of the North-East pp. 87-95	Dr. Chithra V.S.	English	Phalanx
34	Customer satisfaction and customer loyalty of digital banking services in the private banking	Anubhadra C S and Dr.Dileep A S	Commerce	Management Researcher

35	Perception and satisfaction of tourists towards culinary tourism in Kerala	Athira K A & Dr Vinod A S	Commerce	Management Researcher
36	Tax incidence dynamics in infrastructure financing : A holistic investigation	Sabeena.A &Dr.sumesh .G.S	commerce	KICMA
37	Green Marketing: A Bibliometric Analysis	Meenu Suresh, Dr. S. Priya	Commerce	Management Researcher
38	Psychological Contract in Banking Sector	Vidhya Vijayan P, Prof (Dr) Reshmi R Prasad	Commerce	KICMA
39	Digital Rupee (e₹-R): The Future of Indian Currency	Anju Chandran, Dr. Kalarani T G	Commerce	KICMA
40	A study on work-life balance among employees in IT sector with special reference to Thiruvananthapuram district	Manjima.D, Dr. Kalarani T.G	Commerce	Journal of management and innovative information technology
41	Travel Loan :Level Of Awareness ,Sources of Mobilisation And Perception Among Salaried Employees	Vidya S Nair,Dr. Kalarani.T.G	Commerce	KICMA REACH
42	Investigating the restorative effects of vacations on employee stress, health and productivity	Manjima. D, Dr. Kalarani .T .G	Commerce	KICMA
43	Digital innovations in financial sector: A systematic literature review and bibliometric analysis	Athira. M. Kumar, Dr. Chithra.P	Commerce	Journal of Management and Innovative information technology
44	Fintech in tourism: A study of modernizing payments for frictionless travel	Athira. M. Kumar, Dr. Chithra.P	Commerce	International journal of creative research thoughts
45	The Impact of Performance Appraisal on Employee Engagemnet: A study on the IT Industry in Kerala	Dr. Sumitha R, Dr. Rakesh S	Commerce	Management Reseracher

46	Role of Government in Grooming Entrepreneurial Attitude Among Students In Kerala	Dr. Rakesh S, Dr. Sumitha R	Commerce	Management Reseracher
47	Performance Evaluation of Gold Exchange Traded Funds (GOLD EFTS): VAR Model	Dr. Jayadev S, Dr. Sumitha R	Commerce	Indian Accounting Association
48	The Relationship between Career Adaptability, Career Social Support on Employability Among Undergraduate Students	Rahul P R, Dr. Chithra P	Commerce	Journal of Management and Innovative information technology
49	Challenges and Growth: A Study Among Rural Entrepreneurs in Tourism Sector	Rahul P R, Dr. Chithra P	Commerce	Entrepreneurial Bridging: Idea to Validation
50	Trends in Agriculture Trade and the Influence of GLObal Crisis on Export	Sreereshma S R, Dr. Dileep A S	Commerce	The Management Accountant
51	Agri tourism: A best option to accelerate Growth of Tourism in the POst Pandemic Era	Sreereshma S R, Dr. Dileep A S, Dr. V S Santhosh	Commerce	The Management Researcher
52	Agribusiness Entrepreneurship- A Companion for Agriculture in India	Sreereshma S R, Dr. Dileep A S	Commerce	Entrepreneurial Bridging: Idea to Validation
53	The Volatility and Efficiency of Stock of SMEs in the Indian Stock Market During COVID 19 Pandemic	Ajith K S, Dr. S Priya	Commerce	Industrial Engineering Journal
54	A study on the Expedition of Indian Startup Ecosystem with Special Focus on EDTECH	Gopika S	Commerce	Industrial Engineering Journal
55	Employees' Perception towards Green Banking: A study on Commercial Banks in Kerala	Meenu Suresh, Dr. S. Priya	Commerce	Industrial Engineering Journal
56	Role of Kerala Agriculture University in Enhancing Agripreneurship In Kerala	Anandhapadman abhan S	Commerce	Entrepreneurial Bridging: Idea to Validation

57	Impact of Goods and Service Tax on Start- ups in Kerala	Athira M	Commerce	Entrepreneurial Bridging: Idea to Validation
58	Principles of Solidarity Ecooomy from Vaccine Policy of India	Anandhapadman abhan S	Commerce	Social and Solidarity Economy Juggernaut: Case Study
59	Entrepreneurial Burnout: root causes, effects and solutions	Gouri R V	Commerce	Entrepreneurial Bridging: Idea to Validation



**Conclusion**

This year marked significant progress in research development across several fronts. The Research Committee's action plan resulted in successful collaborations, and increased student engagement through internships. In the coming year, the focus will be on expanding international collaborations, increasing participation in global conferences, and continuing to improve research outcomes through strategic planning and training.