



# QUARTERLY NEWSLETTER

SRI MANAKULA VINAYAGAR MEDICAL COLLEGE AND HOSPITAL

**VOL II - ISSUE 20 OCTOBER - DECEMBER 2024**



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# OUR INSTITUTIONS

Sri Manakula Vinayagar Medical College and Hospital

Sri Manakula Vinayagar Engineering College

Mailam Engineering College

Manakula Vinayagar Institute of Technology

Sri Manakula Vinayagar Nursing College

Sri Manakula Vinayagar Polytechnic College

Venkateswara College of Education

SMV School

Our group of institutions offer courses in Medicine, Engineering, Nursing, Polytechnic and Education offering 52 courses. Our campus is spread across 225 acres of land with built up area of more than 25 lakh sq.ft We have more than 12500 students, 2500 employees, 150 buses, hostel accommodation for 2000 students and more than 200 staff quarters



# INDUCTION DAY - 2024





# BASIC REGRESSION MODELLING IN BIOMEDICAL RESEARCH WORKSHOP



On behalf of the Department of Community Medicine, Sri Manakula Vinayagar Medical College & Hospital, the workshop on Basic Regression Modelling in Biomedical Research was Conducted on 3<sup>rd</sup> & 4<sup>th</sup> October 2024. Nineteen Participants (Post Graduates – 8 and Faculty 11) attended the workshop Schedule is attached for reference .The Sessions included lectures, group activities on casual diagrams, Jamovi Software demonstration and hands on activities.



# BREAST CANCER AWARENESS MONTH



The Department of General Surgery at Sri Manakula Vinayagar Medical College and Hospital observed Breast Cancer Awareness Month by organizing an awareness program for the general public on October 7, 2024, at 10:30 AM at the hospital podium near the pediatric OPD. The event aimed to raise awareness about breast cancer, its signs and symptoms, and the significance of early detection and timely treatment. The program commenced with an introduction by Dr. S. Babu, Professor and HOD, who highlighted the prevalence of breast cancer and the importance of awareness initiatives. The event was inaugurated by the Chief Guest, Dean Academic Dr. Karthikeyan, who released breast cancer awareness pamphlets to the public.

OCT - DEC 2024

A series of informative talks followed. Dr. Shobana, a postgraduate, spoke on the risk factors and clinical features of breast cancer, while Dr. Shanmugavalli discussed its investigation, management, and complications. Dr. Arulselvam, Associate Professor, emphasized the importance of breast cancer screening, and Dr. Manoharan, Professor, elaborated on current trends in breast cancer management. The program concluded with an interactive session where faculty members addressed questions from the audience. Public feedback was overwhelmingly positive, with attendees appreciating the department's efforts to increase awareness. The event concluded successfully at 11:30 AM.

# "FACULTY DEVELOPMENT PROGRAM"



The two-day Faculty Development Program (FDP) on "Mentorship in Action: Quality-Driven Strategies for Teaching, Leadership, and Team Building" was held with the aim of enhancing mentorship skills and leadership abilities among faculty members. Organized by Dr. Deepika V. and Dr. Soundariya K., the program featured Mrs. Thulasi Priya, a Linguistic Coach and Educational Counsellor, as the guest speaker. The FDP focused on key areas such as pedagogical innovation, team building, and performance management. The sessions provided faculty with tools to foster a collaborative, goal-oriented environment. The first session on Pedagogical Skills introduced innovative teaching methods such as active learning, flipped classrooms, and problem-based learning, all designed to improve student engagement. Participants were also taught strategies for classroom management and the development of effective assessment tools to enhance student participation and learning outcomes. In the Team Building and Collaboration session, faculty learned about team dynamics and how to build high-performing teams through effective delegation and empowerment. The importance of collaboration, both within the institution and with external partners, was emphasized as a means to drive success. The Mentoring and Coaching session focused on the critical role of mentorship in leadership development. Faculty members were trained in coaching techniques to support their colleagues' growth and were guided on how to provide constructive feedback and plan for leadership succession. The final session on Performance Management taught participants how to set clear, achievable goals for individuals and teams and the importance of performance tracking and recognition in fostering a culture of excellence. At the end of the program, feedback was collected through Google Forms by the IQAC, and E-certificates were issued to all participants. The program received positive feedback, with participants appreciating the practical insights and strategies shared, which will help foster a culture of mentorship, leadership, and innovation within the institution.





# WORLD MENTAL HEALTH DAY

The Department of Community Medicine at SMVMCH organized an interactive session in observance of World Mental Health Day on 23/10/2024 for the RHTC staff and workers in Thiruvennainallur. Guided by RHTC in-charge, Dr. Aswathy, and with insights from HOD Dr. Premanandh, the event opened with Dr. Nudhan Sabarish (PG) introducing and explaining the theme for the day. Participants were engaged through an interactive group activity, with members divided randomly by lot, conducted by CRMIs. Following which CRMIs led a health education session using a PowerPoint presentation and distributed pamphlets that underscored the importance of mental health. All attendees received gifts, and the session concluded with remarks from Mrs. Jeyanthi (MSW), followed by refreshments for everyone.



# INAUGURATION OF DRUG-FREE INDIA NASHA MUKT BHARAT ABHIYAAN



On October 25, 2024, the Department of Psychiatry at Sri Manakula Vinayagar Medical College and Hospital (SMVMCH) proudly hosted the inauguration of the Nasha Mukta Bharat Abhiyaan (Drug-Free India Campaign) as part of the Ministry of Social Justice & Empowerment's initiative. This event aimed to raise awareness about the dangers of substance abuse and encourage a drug-free lifestyle among the community.

The program took place at the hospital's basement auditorium, held from 11:00 am to 12:00 pm. MBBS students actively participated in the event. The highlight of the event was an enlightening guest lecture by Dr. M. Avin, Assistant Professor in the Department of Psychiatry at Indira Gandhi Medical College & Research Institute, who shared valuable insights into the psychological and social factors contributing to substance use and effective strategies for prevention and rehabilitation. Following his lecture, Dr. K. Karthikeyan, Dean (Academic), felicitated Dr. Avin, honoring his contribution to the event and the campaign's mission. The event marked a significant step towards fostering a drug-free society, by taking oath and aligning with the national vision of Nasha Mukta Bharat Abhiyaan.



AWARENESS LECTURE AND PLEDGE CEREMONY FOR

# NASHA MukT BHARAT ABHIYAAN



On October 25, 2024, as part of the Nasha MukT Bharat Abhiyaan (Drug-Free India Campaign), the Department of Psychiatry at Sri Manakula Vinayagar Medical College and Hospital (SMVMCH) organized a special awareness session and pledge ceremony for newly admitted first-year MBBS students. Under the guidance of

Dr. S. Arun, Professor and Head of the Department of Psychiatry, the event aimed to instil a commitment to a drug-free lifestyle and to educate students about the campaign's importance.

The awareness lecture was delivered by Dr. Velprasanth Venketasan, Assistant Professor in the Department of Psychiatry. He introduced the students to the objectives of the Nasha MukT Bharat Abhiyaan (NMBA), its various activities, and the crucial role students

play in creating a drug-free society. Dr. Velprasanth emphasized the NMBA's commitment to fostering a supportive, substance-free environment within educational institutions. Following the lecture, students participated in a pledge ceremony, publicly committing to stand against substance use. Each student registered their commitment by signing their names, symbolizing their dedication to upholding the values of NMBA. The Ministry of Social Justice & Empowerment awarded certificates to the students, recognizing their active participation in the campaign. This initiative marked a meaningful step in the journey of these future healthcare professionals, promoting awareness and responsibility towards a healthier, drug-free India.



## DEPARTMENT OF OPHTHALMOLOGY WORLD SIGHT DAY CELEBRATION REPORT

On October 10th, 2024, the Department of Ophthalmology, in collaboration with the Department of Paediatrics, organized a guest lecture titled “Common Paediatric Eye Problems.” Held at Lecture Hall - 1 in the College Block, the event featured Dr. Fredrick Mouttapa from the Department of Paediatric Ophthalmology & Strabismus, Aravind Eye Care System, as the keynote speaker. The lecture attracted 190 participants, including undergraduate and postgraduate students, as well as faculty members from various departments. Dr. Mouttapa provided an insightful overview of common paediatric eye conditions such as refractive errors, amblyopia, strabismus, and congenital cataracts. He emphasized the importance of early diagnosis and timely intervention to prevent long-term visual impairment, discussing both medical and surgical treatment options. The interactive session allowed participants to engage actively, enriching their understanding of pediatric ophthalmology. The event concluded with a vote of thanks, acknowledging Dr. Mouttapa’s valuable contribution.



# RATIONAL ANTIBIOTIC AWARENESS WEEK

The Department of Paediatrics, Sri Manakula Vinayagar Medical College & Hospital celebrated Rational Antibiotic Awareness Week in a grand manner from 30.09.2024 to 04.10.2024 various events were organised by the department which includes.

- Poster competition for PG's
- Public Awareness talk
- Quiz competition for UG students
- Prescription writing competition for Interns

Poster competition for PG's:

The 1st day of the celebration was started with the poster competition for postgraduates. Posters prepared by first year postgraduate and slogans by second year and third year postgraduates were displayed near the paediatric OPD corridor. Judges Dr.T.Mangaiyarkarasi, Professor of Microbiology and Dr.Arulkumaran Professor of Paediatrics were inspected the displayed posters and slogans. The prizes were distributed to the winners.

Public Awareness talk:

A health talk was given by Dr.Arulkumaran Professor of Paediatrics, SMVMCH regarding rational use of antibiotics to the parents, grandparents of the children who were present in and around OPD and wards.



Placards regarding ideal usage of antibiotics and misuse were shown to the audience. The session was very interactive and the queries from the audience were sorted out.

Quiz competition for UG students:

Quiz competition for UG students was held on 03.10.2024. 120 students were participated in the competition and the quiz MCQ were displayed using quizz app. Following the competition, questions were discussed with the students. The prizes were distributed to the winners

Competition on prescription writing for Interns:

Competition on prescription writing for Interns were conducted in the OPD demo room by Dr.Arulkumaran, Professor of Paediatrics. The questions were framed based on case scenario on common pediatric illness. The questions were discussed with the illness. The prizes and certificates were distributed to the winners.



# REPORT OF ZEBRAFISH WORKSHOP

ORGANIZED BY THE DEPARTMENT OF PHARMACOLOGY, SMVMCH



On 4th October 2024, the Department of Pharmacology, SMVMCH, conducted a hands-on workshop titled “Zebrafish as an Alternate Animal Model in Biomedical Research” at the Skill Lab, SMVMCH. The event, sponsored by SMVMCH, saw participation from 40 delegates, including postgraduates and faculty from Tamil Nadu and Puducherry. The scientific session in the forenoon featured talks on alternatives to animal experimentation, zebrafish husbandry, and their role in biomedical research by esteemed speakers such as Dr. S. Kavimani, Dr. Rajaram, and Dr. Sunil Santaji Shivekar. In the afternoon, participants engaged in a hands-on session, learning drug administration techniques, zebrafish dissection, and CNS model demonstrations led by the resource team. The workshop concluded with a post-test, feedback session, certificate distribution, and the national anthem.



# POST GRADUATE QUIZ

## THE DEPARTMENT OF RESPIRATORY MEDICINE

The Department of Respiratory Medicine at Sri Manakula Vinayagar Medical

College and Hospital organized the "Chest Mastery CME & Postgraduate Quiz in Respiratory Diseases 2024" on October 25, 2024, from 2:00 PM to 4:00 PM in the Basement Auditorium of the hospital block. The event, conducted under the aegis of the National College of Chest Physicians (India), aimed to enhance postgraduate knowledge in respiratory medicine through educational sessions and interactive learning. The CME featured expert sessions led by Dr. Yuvarajan S., Professor & Head, and Dr.

Praveen R., Professor, SMVMCH, Puducherry. A key topic discussed was SITT in Asthma & COPD: Transforming Patient Outcomes, which focused on the latest advancements in managing asthma and COPD using Single Inhaler Triple Therapy (SITT). The session highlighted how SITT simplifies treatment regi-

mens, improves patient adherence, and reduces hospitalizations, supported by recent clinical findings.

The event concluded with the NCCP PG Quiz, a competitive session designed to test postgraduate students' knowledge of respiratory medicine. The quiz covered recent advancements and best practices, active participation collaboration and program provided an engaging and enriching platform for postgraduate students to expand their expertise in respiratory diseases.



# INSTITUTION'S INNOVATION COUNCIL



The Institution Innovation Council (IIC) of Sri Manakula Vinayagar Medical College and Hospital organized multiple innovative activities as part of SIMSCON 2024 to promote research, innovation, and entrepreneurship among students. The Clinico-Pathological Correlation Contest on 18th October 2024 engaged MBBS students in analyzing clinical cases, emphasizing the connection between clinical symptoms and pathological findings. Winners were selected based on their presentation skills and detailed analyses. The Nexoverse Virtual Reality Workshop, in collaboration with MediSimVR Labs on 18th October 2024, provided 45 MBBS students with immersive VR training in medical procedures like suturing and injections, offering hands-on practice in a safe virtual environment.

The session on “Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs” on 19th November 2024, led by Shri M. Ram Jawahar, introduced 300 participants to the fundamentals of intellectual property (IP) and its role in fostering innovation and protecting creations. The Oral and Poster Research Paper/Case Report Presentations on 19th October 2024 featured 40 undergraduate and postgraduate participants showcasing original research and case reports. Students were judged on creativity, communication, and research quality, with winners receiving cash prizes. These activities equipped students with essential skills in research, communication, diagnostics, and innovation. IIC plans to continue hosting such events, helping students transform their ideas into patents and entrepreneurial ventures.



# MIC PROGRAMMES & SCHEMES

The Institution's Innovation Council (IIC) of Sri Manakula Vinayagar Medical College and Hospital organized a live-streamed session on "MIC Programmes & Schemes" with Dr. Abhay Jere, Vice Chairman of AICTE and Chief Innovation Officer, Ministry of Education, on October 23, 2024. The session, streamed via YouTube by the Ministry of Education's Innovation Cell, was attended by 100 MBBS Phase 1 and 2 students through an online platform arranged by the IIC.

Dr. Jere discussed the mission and vision of MIC, highlighting key initiatives such as hackathons, incubation centers, and funding opportunities for innovation and entrepreneurship. He emphasized the role of government policies and AICTE in supporting research and development while inspiring institutions to foster an entrepreneurial ecosystem. Participants gained insights into accessing resources, engaging with industries, and leveraging MIC initiatives to advance research and innovation.

The session provided practical guidance on participating in MIC programs and showcased success stories, motivating students to explore opportunities in innovation and entrepreneurship. Moving forward, the IIC will continue to organize MIC-driven activities to nurture innovation, startups, and leadership within the student community.



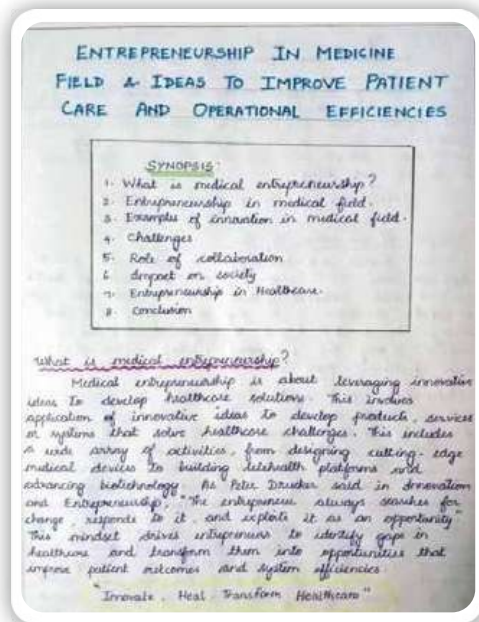
# IDEA SHOWCASE – IDEAS INTO PATENTS



The Institution's Innovation Council of Sri Manakula Vinayagar Medical College and Hospital conducted an Idea Showcase – Ideas into Patents on November 13, 2024, with 250 MBBS students participating. The program, led by Dr. P. Sanjay and student coordinator Adithya B, featured a priming session on turning ideas into patents, the launch of an e-course on the LMS platform, and the submission of student ideas for review by innovation ambassadors. Participants learned how to translate innovative ideas into research, patents, and practical healthcare applications, with guidance on uploading their ideas to the Yukti portal. The event fostered interdisciplinary collaboration and set the stage for future activities to promote innovation, research, and entrepreneurship through the IIC.



# NATIONAL ENTREPRENEURSHIP DAY



The Institution's Innovation Council (IIC) of Sri Manakula Vinayagar Medical College and Hospital celebrated National Entrepreneurship Day on November 14, 2024, with an online essay competition themed "Entrepreneurship in Medicine Field and Ideas to Improve Patient Care and Operational Efficiencies." The event aimed to inspire creativity, raise awareness about technological advancements in medicine, and provide a platform for participants to showcase their innovative ideas. Seven MBBS students from various phases participated, submitting essays judged on relevance to the theme, innovation, creativity, presentation, and description. Participants had seven days to prepare and submit their entries

through an online portal. Two students were declared Winner and Runner-up and were felicitated by the Head of the Institution. The competition promoted creativity and innovation while highlighting the role of technology in improving healthcare. It encouraged participants to think critically about patient care and operational efficiencies, raising awareness about the intersection of technology and medicine.

Moving forward, the IIC will continue organizing activities to celebrate innovation and entrepreneurship, fostering critical thinking and a culture of innovation among students and faculty to benefit healthcare and society.



# MOTIVATIONAL SESSION ON FROM IDEA TO IMPACT

The Institution's Innovation Council (IIC) of Sri Manakula Vinayagar Medical College and Hospital conducted a motivational session titled "From Idea to Impact" on November 13, 2024, led by entrepreneur Mr. Jayakumar. The session, attended by 250 Phase 2 MBBS students, aimed to inspire participants to pursue their entrepreneurial goals while emphasizing the importance of creating social, economic, and environmental impact through innovation.

Mr. Jayakumar shared his personal journey from idea to business, highlighting challenges, innovations, and milestones. He provided practical insights on resilience, networking, and market-driven innovation, along with strategies to overcome setbacks and seize opportunities. The session included interactive segments such as Q&A and discussions on building impactful businesses that benefit society. Key outcomes included motivating participants to take actionable steps toward entrepreneurship, offering clarity on identifying problems and creating solutions, and fostering a resilient mindset to embrace failure as a learning opportunity. The event also provided networking opportunities and practical guidance on strategic thinking and planning. Moving forward, the IIC will continue organizing sessions on topics such as IPR, startup planning, IP management, and business modeling to nurture entrepreneurship and innovation among students, fostering a culture of impactful healthcare solutions.





## WORLD ANAESTHESIA DAY

“World Anaesthesia Day” was celebrated on 16.10.2024. As a part of the occasion various events were conducted.

A public display ( Poster) about the field of Anaesthesia to create awareness among public was done in the Hospital.

A social outreach activity was conducted in Around 80 people were sensitized & demonstrative how to give basic life support. (BLS)

A talk by Postgraduates on Pioneers of Anaesthesiology was conducted from 11.00 PM to 4.00 PM in the Department.

On 21.10.2024 a Social outreach activity was conducted in the Anaesthesia department is autorickshaw driver participated in basic life support. (BLS) Hands on workshop.



# WORLD PSORIASIS DAY

## DEPARTMENT OF DVL



World Psoriasis Day 2024 was celebrated with two key events. On October 28, a quiz on “Therapy in Psoriasis” was conducted for postgraduates, featuring a preliminary written round and a six-round final session. Winners were awarded first, runner-up, and second runner-up titles.

On October 29, an awareness program educated patients and the public about psoriasis, its treatment, and prognosis. Informative pamphlets were distributed to enhance understanding. The event was well-received, offering valuable insights into the psoriasis spectrum.







# LIMB CADAVERIC WORKSHOP

In collaboration between the Department of Anaesthesia and the Department of Anatomy, a Guest Lecture followed by a Limb Cadaveric Workshop was organized on 26th November in the Specialty OT Classroom. Dr. Anis Fathima M., Assistant Professor, Department of Anaesthesiology, PIMS, Puducherry, delivered the lecture. Nearly 30 postgraduates and 15 faculty members participated.



# FUNDAMENTALS OF THERAPEUTIC DRUG MONITORING (TDM)”



The Department of Pharmacology, SMVMCH, organized a CME on “Fundamentals of Therapeutic Drug Monitoring (TDM)” on November 18, 2024, from 9:00 AM to 1:30 PM at the Digi Lab. A total of 119 participants, including faculty and postgraduates from various institutions, attended the event. The program began with a pre-test following registration.

Dr. Shanthi, Professor and HOD, Department of Pharmacology, SMVMCH, delivered the welcome address, and Dr. Vivek Raj introduced the first speaker, Dr. Manikandan S, Professor and Head, Department of Pharmacology, JIPMER, who presented an “Overview of TDM.” The second session, introduced by Dr. Anuranjani, Assistant Professor, SMVMCH, featured Dr. Jayanthi M, Professor, JIPMER, speaking on “Clinical Application of TDM.”

After a tea break, Dr. Suganthi S, Associate Professor, JIPMER, was introduced by Dr. Kiruba, Assistant Professor, SMVMCH, to discuss “Analytical Challenges in TDM.” The final session, introduced by Dr. Mathiarasi, featured Dr. Chaithra B. Ajayan, Senior Resident, JIPMER, who conducted a “Case-Based Discussion in TDM.”

The program concluded with a post-test and feedback session. Dr. Nishanthi A, Professor, Department of Pharmacology, SMVMCH, delivered the vote of thanks, marking the successful completion of the event.

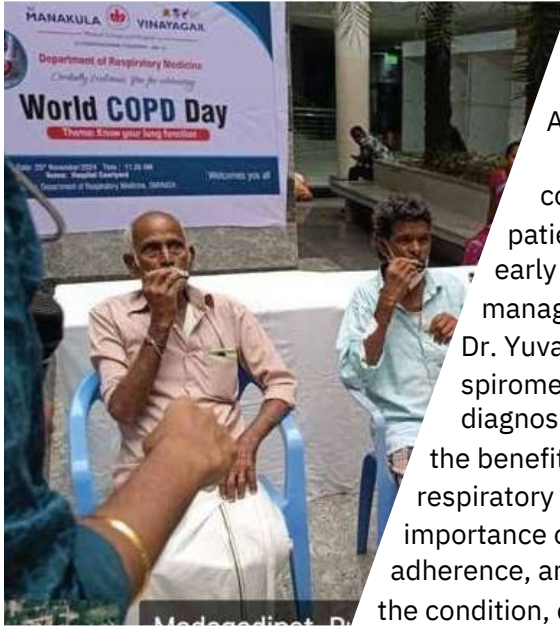
# World Antimicrobial Resistance (AMR) Awareness Week (WAAK) celebration

The Department of Pharmacology, Sri Manakula Vinayagar Medical College and Hospital, Puducherry has celebrated "World Antimicrobial Resistance (AMR) Awareness Week (WAAK) celebration" on 22.11. 2024 Under the theme "Educate. Advocate. Act now. Essay competition was conducted for phase IIT MBBS students. Description of the report: Essay competition As part of the World Antimicrobial Resistance (AMR) Awareness Week celebrations, an essay competition themed "Educate. Advocate. Act now." was organized for Phase I] MBBS students. The event took place on 22.11.2024, from 8:30 to 9:30 AM, in the Department of Pharmacology's demo room. A total of eight students participated. Prizes were awarded to the top three participants with the highest scores.





# WORLD COPD DAY AWARENESS PROGRAM



The Department of Respiratory Medicine at SMVMCH organized a World COPD Day Awareness Program on 20th November 2024 in the Hospital Block courtyard. The event aimed to educate patients on the importance of lung health, early detection of COPD, and effective management strategies.

Dr. Yuvarajan emphasized the role of spirometry and other lung function tests in diagnosing COPD, while also demonstrating the benefits of harmonica playing for improving respiratory outcomes. Dr. Praveen highlighted the importance of lifestyle changes, medication adherence, and breathing exercises in managing the condition, encouraging a smoke-free environment.

The interactive Q&A session allowed patients to voice their concerns and receive practical advice, fostering reassurance and awareness. The department expressed gratitude to all participants and faculty, reaffirming their commitment to organizing similar programs to benefit the community.





# WORKSHOP ON CT – GUIDED INTERVENTIONS SKILL DEPARTMENT OF RADIO-DIAGNOSIS

Workshop on Computed Tomography guided interventions was organized by the department of Radio-Diagnosis, Sri Manakula Vinayagar Medical College and Hospital, on 11.11.2024. The workshop was held at the CT room of the department. 17 postgraduates from the department of Radiodiagnosis participated. The session was conducted by Dr. P. Elamparidhi, Associate Professor and Dr. R.L. Balavaitheswar, Senior Resident, Department of Radiodiagnosis. Dr. P. Elamparidhi began the session with an introduction regarding the various CT guided interventional procedures, obtaining informed consent, prerequisites for the interventions, step by step technique, post procedure care, complications and management. Live demonstration was given by Dr. R.L. Balavaitheswar. The session concluded with a summary of the technique. The workshop included active interaction with the post graduates.



# 4 TH TRAINING WORKSHOP ON SYSTEMATIC REVIEW & META-ANALYSIS



The Department of Community Medicine, in collaboration with the Global Journal of Health Sciences & Research, organized the 4th Systematic Review & Meta-Analysis Hands-On Training Workshop from November 5 and November 12-14, 2024, at SMVMCH. Eighteen faculty members from various departments participated in the intensive, offline workshop. Resource persons included Dr. Jennifer Florence Mary, Dr. Reena Mohan, Dr. Preethi T, and Dr. Suja Xaviour, who guided participants through essential topics such as formulating research questions using PICOT, article screening with Rayyan, data extraction and analysis with RevMan and Jamovi, and assessing risk of bias. Hands-on training covered database searches (PubMed, Google Scholar, Cochrane) and manuscript drafting for SRMA articles. Participants, working in pairs, received practical experience and feedback to

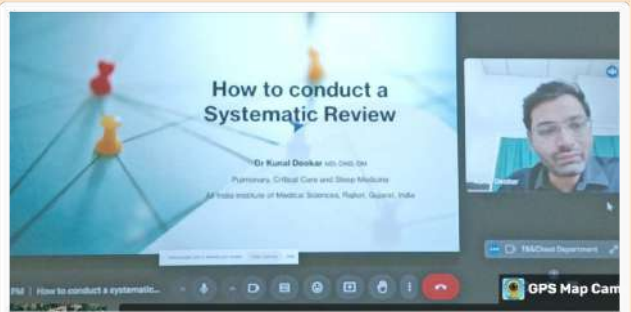
prepare and submit SRMA manuscripts to indexed journals. The workshop provided a comprehensive platform for advancing research skills and fostering interdisciplinary collaboration.





# 1st RESEARCH WEEK CELEBRATION

## Departmental Activities



**1st RESEARCH WEEK CELEBRATION****DEPARTMENT OF ANAESTHESIA**

On behalf of Department of Anaesthesia, a Webinar guest lecture on the occasion of research week celebration on 3rd December 2024 (Time: 2.30pm to 3.30pm) As a part of it, a lecture on “How to frame Research Question in Anaesthesia” was conducted in specialty OT Class room. Dr.Parthasarathy professor Department of Anaesthesiology, MGMCRI, Puducherry, who is a research faculty in the field of Anaesthesia with more than 300 publications to his credit delivered a lecture through webinar about 50 postgraduates and 20 faculties participated



## 1st RESEARCH WEEK CELEBRATION

# PATH TO MEDICAL RESEARCH: LAYING GROUNDWORK FOR TOMORROW'S INNOVATORS

The event commenced with welcome speech by Dr. Jeyakumar, Head of the department of Biochemistry. In his speech, he highlighted the transformative power of research in advancing medical knowledge and healthcare. The lecture was a one-hour session delivered by Dr. Senkadhirasan. The lecture was structured to provide a comprehensive understanding of medical research from its basic concepts to its application in real-world medical challenges. This lecture provided a foundational overview of medical research, covering essential research methodologies, the importance of clinical trials, and how research influences healthcare policy and practice. He sensitized the students about various institutes of ICMR (Indian Council of Medical Research) and their role in promoting medical research.







# ICMR SHORT-TERM STUDENTSHIP (STS)

III year student Mr.Sajeew who have been previously selected in ICMR STS, to inspire the students.

The orientation session on ICMR Short-Term Studentship (STS), conducted on December 4, 2024, introduced Phase II MBBS students to the research program offered by the Indian Council of Medical Research. The workshop aimed to familiarize students with the objectives, benefits, and application process of ICMR STS. Introduction to ICMR STS, the process of application to ICMR STS and who can be a guide, were explained by Dr.Arulmozhi.M, Assistant Professor, Department of Community Medicine. The step by step procedure of selecting a research topic, writing a research proposal and registration for ICMR STS was explained by Dr.Aswathy Raveendran Assistant Professor, Department of Community Medicine. Additionally, the workshop included experience-sharing by





## WORKSHOP ON 'MOLECULAR BIOLOGY TECHNIQUES'

The Department of Integrative Medical Research (Central Research Laboratory) organized a workshop on 'Molecular Biology Techniques' on December 4, 2024, coordinated by Dr. G. Muthu. The event provided B.Sc. MLT and DMLT students with both theoretical and hands-on experience in molecular biology processes. Theory sessions included 'DNA Isolation and Application' by Dr. G. Muthu, 'PCR and its Application' by Dr. Tresa Remya A.T., and 'DNA Separation by Agarose Gel Electrophoresis' by Ms. B. Shalini. Following the inauguration, participants successfully isolated DNA from whole blood using the salting-out method, observed PCR demonstrations, and separated DNA and gene fragments using agarose gel electrophoresis under UV transillumination. Students also gained insights into TAE buffer preparation, agarose gel setup, and the role of reagents in DNA isolation. The workshop concluded with a post-questionnaire and feedback, receiving highly positive responses and encouraging results.



## HANDS - ON- WORKSHOP: CASE REPORT WRITING FOR POSTGRADUATES

The dermatology department recently conducted an interactive workshop to enhance the case report writing skills of postgraduate students. The session provided step-by-step guidance on presenting clinical cases, including case selection, documenting findings, and showcasing treatment outcomes effectively. Participants actively engaged in group discussions, analyzed sample reports, and worked on real-world cases, gaining practical insights into academic writing. The workshop successfully equipped attendees with the skills to write clear, concise, and systematic case reports, encouraging their contributions to dermatological literature.





# WORKSHOP ON : DISSERTATION DATA ANALYSIS PLANNING



The Department of Obstetrics and Gynaecology conducted a workshop on “Dissertation Data Analysis Planning” on 29th November 2024 from 1:30 PM to 3:30 PM in the 4th Floor Conference Hall, SMVMCH, as part of the Research Week Celebration. The session was attended by first and second-year postgraduate students of the department.

The workshop provided a platform for active discussions with professors and faculty members. Postgraduate students presented their dissertation proposals, case collections based on their proforma, and statistical analysis plans. Engaging conversations focused on observations, results, and methods of consolidating data using master charts.

Faculty members actively participated, guiding students in clarifying doubts and gaining a clearer understanding of analysis plans. The workshop proved to be highly beneficial in helping students develop a structured approach to presenting their research observations and results effectively.

## 1st RESEARCH WEEK CELEBRATION



## SESSION ON QUALITATIVE RESEARCH

On 4th December 2024, a session on qualitative research was conducted both on Zoom and in person, attended by paediatric faculties, postgraduates, IV-year MBBS students, and interns.

Dr. Jenifer Florence Mary, Assistant Professor of Community Medicine, MGMC&RI, delivered an insightful lecture on the essentials of qualitative research, its approaches, and its relevance in the modern era, sharing her personal research experiences. Dr.

Reena Mohan, Assistant Professor of Community Medicine, SMVMCH, continued the session with an interactive discussion on newer techniques.

The session clarified doubts and provided participants with a deeper understanding of qualitative research, motivating them to pursue it in their academic endeavors.

# COMPREHENSIVE SESSION ON RESEARCH METHODOLOGY



On December 4, 2024, a comprehensive session on research methodology was conducted by Dr. Saravanan V, Associate Professor, Department of Community Medicine, MAPIMS, Melmaruvathur. The session was initiated by Dr. Saravanan V, Associate Professor, outlining the objectives, leading into an insightful lecture that covered:

• Fundamentals of research  
• Extensive expertise in research and methodology.

• Critical aspects of research  
• Delivered a practical and engaging presentation tailored for first-year MBBS students.

• Addressing practical challenges  
• The program took place in Lecture Hall 5 on the ground floor of the college block and was attended by 250 students.

To evaluate the learning outcomes, a pre-test was conducted at the beginning of the session, followed by a post-test at the end. The session concluded with an interactive feedback segment where students shared their thoughts and areas of interest.

1. To provide an overview of research methodology and its practical applications.

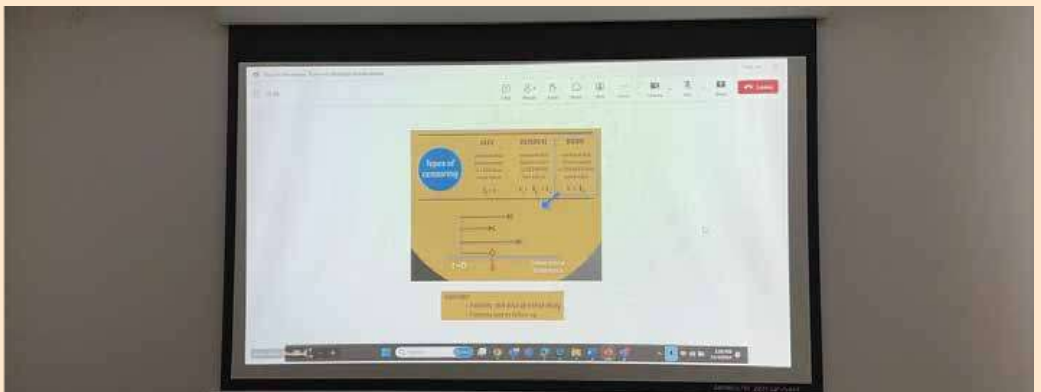
2. To introduce key considerations while planning and conducting research.

The event began with a welcome address by Dr. Poonguzhalai, followed



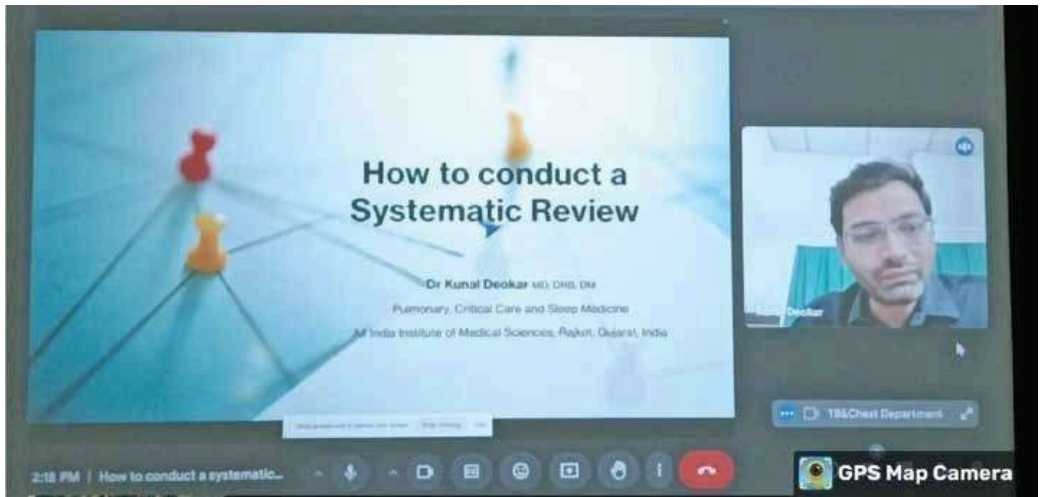


The first resource person, Dr. Vikas Arora, Senior Regional Medical Advisor at Abbott, Delhi, initiated the lecture by providing an overview of clinical trials, including their design, methodologies, and ethical considerations. He also shared insights on the role of survival analysis in evaluating long-term treatment outcomes. Following Dr. Arora's presentation, Dr. Aishwarya, Regional Medical Advisor at Abbott Specialty Care, discussed practical aspects of applying survival analysis in clinical settings, focusing on real-world data and case studies. The session was highly interactive, with both speakers engaging the delegates through a Q&A segment, where participants were encouraged to raise questions and discuss various aspects of the topic. Both Dr. Arora and Dr. Aishwarya addressed the queries with great clarity, providing comprehensive explanations that enriched the delegates' understanding.



# HOW TO CONDUCT A SYSTEMATIC REVIEW

## DEPARTMENT OF RESPIRATORY MEDICINE



the Department of Respiratory Medicine organized an engaging webinar titled “How to Conduct a Systematic Review” as part of the Research Week Celebration on 5th December 2024. Held at the 4th Floor Conference Hall, the session was led by Dr. Kunal K. Deokar, Assistant Professor at AIIMS, Rajkot, and aimed at equipping postgraduates and CRRJ students with essential skills for conducting systematic reviews. Dr. Deokar provided a comprehensive overview of systematic reviews, highlighting their importance in evidence-based medicine and their role in addressing clinical questions. He also

discussed the publication process, offering valuable tips on manuscript preparation and handling peer-review feedback. The session concluded with an interactive Q&A segment where participants gained practical insights on managing reviewer bias, incomplete data, and collaborative review software. The webinar successfully combined theoretical knowledge with practical guidance, leaving participants well-prepared to undertake high-quality systematic reviews.

# WEBINAR ON: “WRITING A SCIENTIFIC PAPER”

Webinar on “Writing A Scientific Paper” was organized by the department of Radio-Diagnosis, on 04.12.2024. Dr. Velavan. A, Associate Professor / Deputy MS (Outreach), Department of Community Medicine, Pondicherry Institute of Medical Sciences, delivered the lecture.

The webinar was held in the Demonstration Room, Department of Radio-Diagnosis, Hospital block, About 12 Postgraduates & 6 Faculties participated. The session began with an Overview of types of scientific papers and the steps to write a paper. Writing case reports and Case series were discussed in detail. Dr. Joe Vimal Raj, Assistant Professor, Department of Radiodiagnosis, SMVMCH hosted the event. The session was well appreciated by the Postgraduates.





# 1ST RESEARCH WEEK CELEBRATION

## DEPARTMENT OF INTEGRATIVE MEDICAL RESEARCH

The 1st Research Week Celebration was held on 6th December 2024 and concluded with a grand event graced by esteemed chief guests, Dr. Manoj V. Murhekar, Director of ICMR-National Institute for Research in Tuberculosis, Dr. P. Manickam, Scientist-F, and Dr. C. P. Girish Kumar, Scientist-F, ICMR-National Institute for Research in Epidemiology. Silver Medals were awarded to faculty members and postgraduate of our institution in recognition of their outstanding thesis contributions during the academic year 2023–2024.

Special awards were presented to students who received the ICMR STS-UG Award and the MD/MS-PG Thesis Grant. Prizes were also distributed to departments that organized research events during the Research Week celebration.

For the first time in the history of our institution, Publication Reimbursements and Publication Incentives were awarded during the event. Additionally, prizes were distributed to students who excelled in various competitions, including the HealthViz Infographic Contest, the Pitch Perfect Research Proposal Pitch Contest, and the Logo Design Contest, making the event a grand success and a true celebration of research excellence.





## BEST FACULTY RESEARCH AWARD



**Dr.K.Karthikeyan**  
Dean Academic



**Dr.P. Vijayasankar**  
Assistant Professor, Dept of DVL



**Dr.A. Nishanthi**  
Associate Professor, Dept of Pharmacology



**Dr. M.Rajalakshmi**  
Associate Professor, Dept of Community Medicine



**Dr.Reen Mohan**  
Assistant Professor, Dept of Community Medicine



## BEST POSTGRADUATE RESEARCH AWARD



**Dr.S. Saranya**  
Final Year PG,Community Medicine



**Dr.A. Varshini**  
Final Year PG,Dermatology



**Dr.D. Priyanga**  
Final Year PG,Community Medicine



**Dr.D. Arthi**  
Final Year PG,Community Medicine

**Dr. Sowbarika Vaishnavi**  
Final Year PG,Community  
Medicine

## BEST UNDERGRADUATE RESEARCH AWARD



**Mr.A. Vijayakash**  
4 th Year ,UG



**Mr.L. Sajeiv**  
3 rd Year,UG



**Ms.T. Harshavarthini**  
4 th Year,UG



**Ms.S.B. Hemavathi**  
4 th Year,UG



**Ma. Jayavarthini**  
3 rd Year,UG



## ICMR MD/MS Thesis - PG AWARD



**Dr. S. Saranya**  
Final Year, Post Graduate  
Dept of Community Medicine

## ICMR STS - UG AWARD



**Ms.S.B. Hemavathi**  
4 th Year,UG



**Ms.T. Harshavarthini**  
4 th Year,UG



**Mr.L. Sajeev**  
3 rd Year,UG



**Mr.L. Praveen**  
3 rd Year UG



**Mr.L. Sajeev**  
3 rd Year,UG



**Ms.S. Madhuvarshne**  
CRR1

# BEST DEPARTMENT RESEARCH AWARD



## DEPARTMENT OF COMMUNITY MEDICINE



## DEPARTMENT OF DVL

# SCIENTIFIC SOCIETY EVENTS

## OCT 2024



Laparoscopic Splenectomy in a 14-Year-Old with Hereditary Spherocytosis - A Case Report by Dr. Chandru. M Second year postgraduate Department of General Surgery



Choledochal cysts in an adult – A rare presentation by Dr. Amritha. V Second year postgraduate Department of General Surgery



A dilemmatic diagnosis – obstructed spigelian hernia in an unusual location - A Case Report by Dr. Manivannan. S Second year postgraduate Department of General Surgery

## NOV 2024



“ Between Reality and Reverie: When Charles Bonnet Syndrome Breeds Delusional Infestations” – A case report by Dr. S. Dhivagar Second year postgraduate Department of Psychiatry



A case of catamenial cyclical vomiting: An effect of fluctuating hormone” – A case report by Dr. E. Ponmani Second year postgraduate Department of Psychiatry



“From Anomaly to Aggressor – The Urachal Enigma” – A case report by Dr. N. Priya Final year postgraduate Department of Pathology



# COURSES OFFERED

## UNDERGRADUATE COURSES

MBBS (Bachelor of Medicine and Bachelor of Surgery) Duration 4 1/2 years and 1 year Compulsory Rotatory Residential Internship.

## POST GRADUATE COURSES

MD/MS Duration 3 years

## MD COURSES

- General Medicine
- Tuberculosis and chest Medicine
- Dermatology, Venereology & Leprosy
- Psychiatry
- Pediatrics
- Anesthesiology
- Radiodiagnosis
- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Pathology
- Microbiology
- Community Medicine

## MS COURSES

- General Surgery
- Orthopedics
- Oto-Rhino-Laryngology
- Ophthalmology
- Obstetrics & Gynecology



# SRI MANAKULA VINAYAGAR MEDICAL COLLEGE AND HOSPITAL

Sri Manakula Vinayagar Medical College and Hospital prepares aspiring students to lead a life of accomplishment and service to their profession, to the community, to the nation and to the world with great commitment, resilience and lifelong learning. The college invokes intense training in a wide spectrum of domains that involves human interactions and relationship in various settings including hospital, community and clinics etc. It is recognized by Ministry of Health and Family Welfare and National Medical Council and affiliated to Pondicherry University.

