




**VELAMMAL MEDICAL COLLEGE**  
**HOSPITAL AND RESEARCH INSTITUTE**  
**MADURAI - 625009**

**3.3.1**

**Minutes of Meetings of the Committees with Reference to the Code  
of Ethics**

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Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
Dean  
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# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

## Registration Certificate of Institutional Ethics Committee



File No. - EC/NEW/INST/2020/953

Government of India  
Ministry of Health & Family Welfare  
Department of Health Research

2nd Floor, IRCS Building,  
New Delhi - 110001  
Dated : 07-Oct-2020

### Provisional Certificate

**Subject:** Provisional registration of the Ethics Committee relating to Biomedical and Health Research with the National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research (DHR).

In exercise of the powers conferred by sub-rule (3) of rule 17 of the New Drugs and Clinical Trials Rules, 2019, the designated authority in the Department of Health Research, Ministry of Health & Family Welfare, hereby provisionally registers and permits the following Ethics Committee to perform the duties of ethics committee as specified in Chapter-IV of the New Drugs and Clinical Trials Rules, 2019.

**Name :** INSTITUTIONAL ETHICS COMMITTEE  
**Address :** VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE, VELAMMAL VILLAGE, TUTICORIN RING ROAD ANUPPANADI MADURAI, Madurai, Tamil Nadu - 625009  
**Contact No:** 04527113333  
**Fax :** 0452-2510010

2. The Ethics Committee shall observe all the conditions as stipulated in Chapter-IV of the aforesaid Rules, i.e., New Drugs and Clinical Trials Rules, 2019 and the National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, specified by the Indian Council of Medical Research (ICMR).

3. The designated authority shall scrutinize the documents and information furnished with the application by the Ethics Committee for the issue of final registration certificate.

4. The above provisional registration shall be valid for a maximum period of two years from the date of its issue or till grant of final registration or rejection of provisional registration, whichever is earlier.

ANU  
NAGAR

(Anu Nagar)

Joint Secretary  
Department of Health Research  
Designated Authority





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009


## Composition and Functioning of the IEC

The Dean, VMCHRI, Madurai, has formulated the IEC of VMCHRI.

### IEC Members

The current composition of the IEC is as follows:

1. Dr. BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai;  
**Chairman**
2. Dr. Raj Kishore Mahato, Professor and Head, Department of Pharmacology, VMCHRI, Madurai; **Member Secretary (Basic Medical Scientist-Pharmacologist)**
3. Dr. K. Sasikala, Assistant Professor of Obstetrics and Gynaecology, VMCHRI;  
**Member (Clinician)**
4. Dr. Trupti Bodhare, Professor, Dept of Community Medicine, VMCHRI;  
**Member (Basic Medical Scientist)**
5. Dr. K Suganthi, Professor, Dept of Biochemistry, VMCHRI; **Member (Scientific member)**
6. Dr S. Sindhu Sekar, Assistant Professor of Pharmacology, VMCHRI; **Member (Basic Medical Scientist)**
7. Mr. M Krishnamoorthy, Advocate, District court, Madurai; **Member (Legal Expert)**
8. Mrs. Usha Rani Patnaik, Teacher-ret'd., Delhi Public School, NALCO Nagar, Angul, Odisha; **Member (Social Scientist)**
9. Mr. M Murugesan, (Assistant Professor, Dept English, Mannar Thirumalai Naicker College, Madurai; **Member (Layperson Representative)**

  
Prof. T. THIRUNAVUKKARASU, M.D., D.A.,  
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# VELAMMAL MEDICAL COLLEGE

## HOSPITAL AND RESEARCH INSTITUTE

### MADURAI - 625009

#### Minutes of Meeting of Institutional Ethics Committee

IEC Meeting on 2<sup>nd</sup> August 2017

33

INSTITUTIONAL ETHICS COMMITTEE MEETING - 13

Date - 2/8/2017 Time - 2.00 PM

Venue - Hospital Board room

Agenda -

1. Minutes of previous meeting
2. Induction of new member.
3. Formation of Subcommittee - scientific research committee
4. presentation and discussion of proposal submitted
5. Any other matter of relevance and significance.

S.No	Name of Members IEC	Designation in IEC	Signature
1.	Dr. Sathyvan M.S	Chair-person	
2.	Dr. S. Thamilarasi	Member Secretary	ABSENT (Resigned)
3.	Dr. J. Harici Charles MD	Basic Medical Scientist	
4.	Dr. Usha Ravikumar MD	Basic Medical Scientist	ABSENT
5.	Dr. Madhavan MD	Clinician	
6.	Dr. Chandrasekaran MD	Clinician	
7.	Dr. Raja Rajeshwari	-	
8.	Mr. M. Murugesan	Lay person	
9.	Mr. M. Krishnamoorthy	Lawyer	
10.	Mrs. Usharani Patraik	Social Scientist	U. Patraik

New Members

1.	Dr. Raj Kishore Mahato	Member - Secretary	
2.	Dr. Jeyshree	Member (Basic Medical Scientist)	
3.	Dr. Rathna	Clinician	
4.	Dr. Vallish	Member (Basic Medical Scientist)	
5.	V. SATHYAVAN		





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The 13<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on **Wednesday, 2<sup>nd</sup> August 2017**, in the **Hospital Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr V Sathyavan, and was attended by Dr Raj Kishore Mahato, Dr Jhansi Charles, Dr Madhavan, Dr Chandrasekaran, Mr M Murugesan, Mr M Krishnamoorthy, Mrs Usha Rani Patnaik, Dr B N Vallish, Dr Rathna, and Dr Jeyshee. The meeting was also attended by Dr S Anu, Dr Kishan R Siddapur, Dr M Saravanan, Dr A S Kanietha Priya, Dr K Rekha, Mr V Mathava Kumar, Ms Jane SS, Ms M Abirami, and Ms I Nithyashree.

**Induction of New Members:** Since the previous member-secretary of the IEC, Dr S Thamilarasi, had resigned from her post, and since Dr Raja Rajeshwari, HoD Obstetrics and Gynaecology expressed her desire to discontinue as a member of IEC, the following new members were inducted into the IEC: Dr Raj Kishore Mahato, Prof and HoD Pharmacology, Dr Rathna, Assoc Prof, Obstetrics and Gynaecology, Dr B N Vallish, Asst Professor, Pharmacology, and Dr Jeyshee, Asst Professor, Community Medicine. Dr Raj Kishore Mahato was unanimously selected to be the member-secretary of the IEC.

**Formation of scientific sub-committee:** A scientific sub-committee comprising of five members of the IEC (Dr Raj Kishore Mahato, Dr Chandrasekaran, Dr Rathna, Dr Vallish, and Dr Jeyshee) was convened. The responsibility of the scientific sub-committee will be to scrutinise the research proposals sent to the IEC from the scientific viewpoint, well in advance to the upcoming IEC meeting, and provide relevant feedback to the investigators when they present their proposals during the IEC meeting.

**Discussion of Research Proposals:** After deliberation, the following decisions were arrived at:

- Number of proposals approved in the current format:
- Number of proposals approved, subject to suggested modifications:
- Number of proposals rejected/ directed to resubmit after modifications:
- Investigator absent:
- **Total number of proposals discussed: 11**

  
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Recommendations of the IEC for the presented research proposals is as given below:

SL. No.	Ref No	Names of Investigators, Co-investigators and Guides	Title of Research Project	Recommendations
1	VMCIEC/36/2017	Dr A S Kanietha Priya, Asst Prof, Dept of Physiology, VMCHRI	Comparison of effect of aspartame (artificial sweetener) and aspartame sweetened diet drink on autonomic reactivity	Approved, after suggested modifications
2	VMCIEC/37/2017	Mr V Mathava Kumar, 2 <sup>nd</sup> MBBS <b>Guide:</b> Dr S Anu, Prof and HoD, Dept of Physiology, VMCHRI	Effect of upper limb movements on muscles of the lower limbs in spinal cord injury patients	Approved
3	VMCIEC/38/2017	Dr B N Vallish, Asst Prof, Dept of Pharmacology, VMCHRI	Burnout among south Indian medical students, its association with extracurricular activities and sports, and its impact on performance in tests	Approved
4	VMCIEC/39/2017	Dr K Rekha, Asst Prof, Dept of Physiology, VMCHRI	Effect of right, left, and alternate nostril breathing on oxidative status, vascular reactivity, and abdominal obesity in young healthy adults	Approved
5	VMCIEC/40/2017	Dr A S Kanietha Priya, Asst Prof, Dept of Physiology, VMCHRI	Analysis of resting heart rate variability, reaction time, nerve	Approved

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			conduction, evoked potentials, and pain threshold in professional drivers	
6	VMCIEC/ 41 /2017	Ms Nithya Shree, Pre-Final MBBS <b>Guide:</b> Dr A C Arun, Dept of Gastroenterology, VMCHRI	Risk factors for alcohol use relapse after abstinence in patients with alcoholic liver disease	Approved
7	VMCIEC/ 42 /2017	Ms Nithya Shree, Pre-Final MBBS <b>Guide:</b> Dr M Saravanan, Assoc Prof, Dept of Physiology, VMCHRI. <b>Co-guide:</b> Dr Deepa Vinitha Rani, Asst Prof, Dept of Ophthalmology	Autonomic nervous system and raised intra-ocular pressure: cause and effect?	Approved
8	VMCIEC/ 43 /2017	Ms Jane S Sathiavadivu, Final MBBS <b>Guide:</b> Dr Jeyshree K, Asst Prof, Dept of Community Medicine	App-based tracking of smartphone use and its association with perceived stress and sense of coherence among medical college students - a cross sectional study from Madurai, India	Approved
9	VMCIEC/ 44 /2017	Dr Kishan R Siddapur, Prof, Dept of Forensic Medicine, VMCHRI	Study on sex differences in fingerprint ridge density of patent thumbprints by ink staining method in young adult Indian population	Approved

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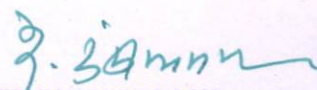
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10	VMCIEC/ 45 /2017	Ms M Abirami, Pre-final MBBS. <b>Co-investigator:</b> Ms Adhitya, Pre-final MBBS <b>Guide:</b> Dr M Saravanan, Assoc Prof, Dept of Physiology, VMCHRI	Auditory and visual reaction time in shift workers	Approved
11	VMCIEC/ 46 /2017	Mr C Madhan, Final MBBS <b>Guide:</b> Dr Jeyshree K, Asst Prof, Dept of Community Medicine	A cross-sectional study on distracted driving practices among professional vehicle drivers in Madurai, India <b>(Resubmission)</b>	Approved

The meeting concluded with vote of thanks to the chair.

  
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# VELAMMAL MEDICAL COLLEGE

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### MADURAI - 625009

IEC Meeting on 27<sup>th</sup> September 2017

INSTITUTIONAL ETHICS COMMITTEE MEETING - 14				
Date - 27/9/2017 Time - 2.00pm Venue - Hospital Boardroom				
Members of IEC attended the meeting				
S.NO	Name	Designation	Designation in IEC	Signature
1	Dr. Sathyavan, MS	Emeritus professor of Surgery, Dr. P. N. S. University	Chair-person	
2	Dr. Rajkishore Mahato	professor of pharmacology	Member Secretary	
3	Dr. Janshi Charles	professor of Microbiology	Basic Medical Scientist.	ABSENT
4	Dr. Usha Ravi Kumar	professor of pathology	Basic Medical Scientist.	
5	Dr. Madhavan	Director Cardiac Unit, Venc (Speciality)	Clinician	ABSENT
6	Dr. Chandrasekaran	professor of Medicine	Clinician	
7	Dr. Rathna	professor of O.G.	clinician	
8	Dr. Vallish BN	Assistant prof. of pharmacology	Basic Medical Scientist.	ABSENT
9	Dr. Jeyshree K	Assistant prof. of Community Medicine of pharmacology	Basic Medical Scientist.	
10	Mr. M. Murugesan		Lay person	ABSENT
11	Mr. M. Krishna Moorthy	Lawyer	Lawyer	
12	Mrs. Usha Ravi patnaik	Social Scientist	Social Scientist.	
13	Dr. Jeevitha J.	OBG Asst prof.		





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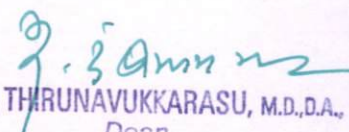
The 14<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on **Wednesday, 27<sup>th</sup> September 2017**, in the **Hospital Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr V Sathyavan, Emeritus professor, TNMGRMU, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Chandrasekaran, Professor and Head, Dept of Medicine, VMCHRI; Member
- Dr Usha Ravikumar, Professor and Head, Dept of Pathology, VMCHRI; Member
- Dr Rathna, Professor, Dept of OB & G, VMCHRI; Member
- Dr Jeyshree, Assistant Professor, Dept of Community Medicine, VMCHRI; Member
- Mrs Usha Rani Patnaik, Social Scientist

The following members expressed their inability to attend the meeting due to health reasons/ unavoidable circumstances: Dr Jhansi Charles, Dr Madhavan, Dr B N Vallish, Mr M Murugesan, and Mr M Krishnamoorthy.

**Discussion of Research Proposals:** After deliberation, the following decisions were arrived at:

- Number of proposals approved in the current format: **12**
- Number of proposals approved, subject to suggested modifications: **14**
- Number of proposals rejected/ directed to resubmit after modifications: **01**
- **Total number of proposals discussed: 27**
- Investigator absent: **01**

  
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Recommendations of the IEC for the presented research proposals is as given below:

SL. No.	Ref No	Names of Investigators, Co-investigators and Guides	Title of Research Project	Recommendations
1	VMCIEC/47 /2017	Dr Sabita Singh, Dept of Anatomy	Morphological variation and occurrence of persistent metopic suture in Indian population	Approved in the current format
2	VMCIEC/48 /2017	Dr J Jenish Rajma, Dept of Pediatrics	Risk factors for recurrent wheezing episodes in under-5 children of South India	Approved, after suggested modifications (ICF should be in Tamil)
3	VMCIEC/49 /2017	Dr S Raja, Dept of Microbiology	Impact of catheter care bundle approach in the incidence of catheter associated urinary tract infection - a study from intensive care unit of a tertiary care hospital in Madurai, India	Approved in the current format
4	VMCIEC/50 /2017	Dr V G Geni, Dept of Microbiology	Microbiological and antimicrobial susceptibility profile of blood and body fluid isolates in a tertiary care centre - a South Indian study	Approved in the current format
5	VMCIEC/51 /2017	Dr Keba, Dept of Physiology	Comparison of motor nerve conduction velocity among chronic computer keyboard users and non-users	Approved in the current format
6	VMCIEC/52 /2017	Dr M Brahadeesh,	Comparative analysis of self-learning vs didactic teaching methodologies	Approved in the current format

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		Dept of Pharmacology	among 2nd year allied health sciences students of Velammal allied health science college	
7	VMCIEC/53/2017	Dr K Rekha, Dept of Physiology	Evaluation of prevalence of inter-arm blood pressure difference in early pregnancy and its association with pregnancy induced hypertension	Approved in the current format
8	VMCIEC/54/2017	Dr A S Kanietha Priya, Dept of Physiology	Analysis of effects of duration and quality of sleep on pain threshold and nerve conduction velocity on medical students	Approved, after suggested modifications (Enhance sample size; exclude name of participants from CRF)
9	VMCIEC/55/2017	Dr K Sasikala, Dept of OB & G	Serum magnesium - can it be a predictor of gestational hypertension?	Approved, after suggested modifications (Provide details about who will bear cost of additional investigations)
10	VMCIEC/56/2017	Dr S Dhivya, Dept of Pediatrics	To study the effectiveness of oral zinc as an adjuvant therapy in the treatment of pneumonia in hospitalized children in a tertiary care centre in Madurai	Approved, after suggested modifications (Patient information sheet should include details about control arm; patient information sheet should also be in English; provide

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				details about who will bear cost of additional investigations)
11	VMCIEC/57/2017	Ms Jane S, final year MBBS student. <b>Guide:</b> Dr N Subramanian, Dept of Rheumatology	Profile of systemic vasculitis - tertiary care centre	Approved, after suggested modifications (Provide details about who will bear cost of additional investigations)
12	VMCIEC/58/2017	Dr Parineetha, Dept of Anatomy	Anatomical variations of vertebral artery groove in atlas vertebra and its clinical implications	Approved in the current format
13	VMCIEC/59/2017	Dr Yegu, Dept of Pathology	Differentiating dengue from malaria based on hematological profile in a tertiary care centre	Approved in the current format
14	VMCIEC/60/2017	Mr V Mathava Kumar, 3 <sup>rd</sup> year MBBS student. <b>Guide:</b> Dr S Anu, Dept of Physiology	Effect of breathing practices on visual and auditory reaction time, pain sensitivity, temperature and capillary blood glucose level of young and elderly population in Madurai	Approved in the current format
15	VMCIEC/61/2017	Mr V Mathava Kumar, 3 <sup>rd</sup> year MBBS student. <b>Guide:</b> Dr Dhanyan, Dept of ENT	Effects of right, left, and alternate nostril breathing exercise in patients with hearing loss	Approved, after suggested modifications (ICF should include assurance that patients will continue to receive their regular treatment even if they withdraw from

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				study; guide should also sign on ICF for student projects)
16	VMCIEC/62/2017	Dr Nirmal, Dept of Dermatology	To compare the findings of nail fold capillaroscopy of toes with fingers in systemic sclerosis	Approved, after suggested modifications (ICF should also be in Tamil)
17	VMCIEC/63/2017	Dr Hariharan, Dept of Biochemistry	Evaluation of association of serum vitamin D and MDA in non-obese diabetic patients with and without retinopathy	Approved, after suggested modifications (ICF should also be in Tamil; Provide details about who will bear cost of additional investigations)
18	VMCIEC/64/2017	Dr V Sethu Mathava Kumar, Dept of Anaesthesiology	A study on bacteremia in blood and CSF after naso-tracheal intubation in base of skull fractures	Approved, after suggested modifications (ICF should also be in Tamil)
19	VMCIEC/65/2017	Dr Gnana Sekaran, Dept of Dermatology	Fungal culture and sensitivity in treating recurrent dermatophytoses: a prospective observational study	Approved, after suggested modifications (ICF should also be in Tamil; provide details about who will bear cost of additional investigations)
20	VMCIEC/66/2017	Dr S Rajarajeshwari, Dept of OB & G	Prevalence of menstrual disorders among college girls in age group 18-22 years	Directed to resubmit after modifications (ICF should be modified entirely; ICF should be in Tamil and

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				English; CRF should not include name of participants; methodology should mention which college girls will be recruited for the study)
21	VMCIEC/ 67 /2017	Dr Deyananda Chakravarty M, Dept of Radiology	A quasi-experimental short-term uncontrolled before and after study assessing the effects of LCHF (low carbohydrate healthy fat) diet in obese adults	Approved, after suggested modifications (ICF should include pros and cons of new form of diet)
22	VMCIEC/ 68 /2017	Dr Raj Kishore Mahato, Dept of Pharmacology	Use of prescription audit as a method of learning for writing medical prescription	Approved in the current format
23	VMCIEC/ 69 /2017	Dr T Karthik Raj, Dept of Pediatrics	Post-natal evaluation, clinical outcome and risk factor assessment for antenatally detected hydronephrosis in infants	Approved, after suggested modifications (ICF should also be in Tamil)
24	VMCIEC/ 70 /2017	Dr V Manikandasa my, Dept of Pediatrics	Reference values of perfusion index in healthy term neonates in the immediate postnatal period	Approved in the current format
25	VMCIEC/ 71 /2017	Ms M Haritha Kalyan, 2 <sup>nd</sup> year MBBS student. <b>Guide:</b> Dr S Anu, Dept of Physiology	Evaluation of perfusion index versus non-invasive hemodynamic parameters as stress indicator during exercise	Approved, after suggested modifications (ICF should also be in English)

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26	VMCIEC/ 72 /2017	Ms Vaira Praveena, 2 <sup>nd</sup> year MBBS student. <b>Guide:</b> Dr S Anu, Dept of Physiology	Immediate effect of alternate nostril breathing exercises on vascular parameters in hypertensive patients	Approved, after suggested modifications (Provide details about who will bear cost of additional investigations)
27	VMCIEC/ 73 /2017	Dr David Ebenezer, Dept of Anatomy	Understanding etymology: awareness among medical fraternities and tool in better understanding of medical curriculum	Approved in the current format
28	VMCIEC/ 74 /2017	Dr Maheshwaran, Dept of ENT	Role of saline versus steroid nasal wash in post- operative patients with chronic rhinosinusitis with sino-nasal polyps	Investigator Absent

The meeting concluded with vote of thanks to the chair.

  
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# VELAMMAL MEDICAL COLLEGE

## HOSPITAL AND RESEARCH INSTITUTE

### MADURAI - 625009

IEC Meeting on 30<sup>th</sup> January 2019

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VENUE: COLLEGE BOARD ROOM, DATE: 30.01.2019 (Wednesday), Time: 2.1

LIST OF MEMBERS

SNO	NAME	DESIGNATION	DESIGNATION in IEC	SIGNATURE
1	Dr. V. Sathyavan	Emeritus professor of TNMGRMU	chairperson	M. Sathyavan
2	Dr. Rajkishore Mahato	Professor & HOD Deptt of pharmacology VMCCHRE	Member Secretary	Rajkishore Mahato
3	Dr. S. Chandrasekaran	Professor & HOD of Gen. Medicine VMCCHRE	clinician	S. Chandrasekaran
4	Dr. A. Mathavan	Director of Cardiology VMC Speciality Hosp.	clinician	A. Mathavan
5	Dr. Rathna Ramamurthi	Prof., Dept of OBG VMCCHRE	clinician	ABSENT
6	Dr. Jhansi Charles	Professor & HOD of Microbiology, VMCCHRE	Basic Medical Scientist	Jhansi Charles
7	Dr. Usha Ravikumar	Professor & HOD of Pathology, VMCCHRE	Basic Medical Scientist	Usha Ravikumar
8	Dr. B.N. Vallish	Associate prof. of Basic Medical Pharmacology VMCCHRE	Basic Medical Scientist	B.N. Vallish
9	Dr. K. Jeyashree	Assistant Prof. of Basic Medical Community Medicine	Basic Medical Scientist	ABSENT
10	Mr. M. Krishnamoorthy	Lawyer	Legal Expert	Mr. M. Krishnamoorthy
11	Mrs. Usha Rani Patraik	Retd. Teacher	Social Scientist	U. Patraik
12	Mr. M. Murugesan	Lecturer, KINCC, Madurai	lay person representative	Mr. M. Murugesan





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 17<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on **Wednesday, 30<sup>th</sup> January 2019**, in the **Medical College Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr V Sathyavan, Emeritus professor, TNMGRMU, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Chandrasekaran, Professor and Head, Dept of Medicine, VMCHRI; Member (Clinician)
- Dr A Mathavan, Director of Cardiology, VMC Speciality Hospital; Member (Clinician)
- Dr Jhansi Charles, Prof and HoD Microbiology; Member (Basic Medical Scientist)
- Dr Usha Ravikumar, Prof and HoD Pathology; Member (Basic Medical Scientist)
- Dr B N Vallish, Associate Professor, Dept of Pharmacology, VMCHRI; Member (Basic Medical Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

The following members expressed their inability to attend the meeting due to health reasons/ unavoidable circumstances: Dr K Jeyshree, Assistant Professor, Dept of Community Medicine, VMCHRI.

1. The Member-secretary welcomed the committee and read out the minutes of the previous meeting (16<sup>th</sup> IEC meeting on 26<sup>th</sup> Sept 2018). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. In order to ensure that all the components of the research proposals are submitted completely to the IEC so that the same may be circulated among all the members of the IEC, it was resolved to develop a method of online submission of the research proposals.
3. **Induction of New Member:** Since Dr Rathna, Professor of OB & G expressed her desire to discontinue as a member (clinician) of the IEC, Dr. Sasikala, Assistant Professor of OB & G, VMCHRI was inducted in her place as member (clinician) of the IEC.
4. **Format of approval letters:** Member secretary informed the IEC that henceforth, the approval letters will include the following details, as per ICMR guidelines:

Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
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# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

(1) name, designation, attendance, gender, affiliation, and voting details of members during the meeting; (2) list of documents submitted to the IEC by the principal investigator; and (3) statement that any investigator associated with the study did not participate in the voting of the proposal.

5. **Walking out of Chairperson of the IEC in the middle of the meeting:** While the 2<sup>nd</sup> proposal as per the agenda (study titled "Unravelling the physiological mechanisms of Heartfulness meditation (Pranahuti)-mediated benefits on cardiovascular risk", Principal investigator: Mr Sankarganesh Arunachalam; Co-investigator: Dr. A Mathavan, who was also presenting the proposal) was being discussed, few ethical issues were raised by some IEC members:
- The study proposal was submitted to the IEC as a plain power-point presentation which is not an acceptable format for proposal submission as per guidelines that were mentioned in our circular inviting research proposal for IEC meeting.
  - Many important documents were missing with the proposal, so that these could not be circulated among the IEC members prior to the meeting, namely, (1) Bilingual Patient Information Sheet; (2) Bilingual Informed Consent Form; (3) Case Report Form
  - The above three documents, and a few other supporting documents related to the project were submitted just before the beginning of the IEC meeting. This was objected by some members stating that they were not aware of the existence of these documents as these were not circulated to us well in advance, and that they could not scrutinize them for ethical issues.
  - The sample size of participants was not specific but vague: it was mentioned as "> 50 patients".
  - During presentation, the mentioning of "Patients exclusion criteria-None" was objected by some members, because this terminology implies that even if a patient expresses his/her non-consent to participate, s/he will not be excluded. The participation in a research work should be voluntary and not forced.
  - The issue of the collection of blood samples for the research project was raised by some members. The principal investigator of the study was a Ph.D. holder, working in the Department of Biotechnology in the School of Bio and Chemical Engineering of Kalasalingam Academy of Research and Education (Deemed to be University), located in Krishnankoil.

Whether or not he was trained to collect blood samples, or will he recruit a trained person for collecting blood samples, was not mentioned in the proposal.

  
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Also, how many times blood sample will be collected from a single patient was not mentioned in the proposal: it was mentioned that '5-10 mL of blood' will be collected 'after a meditation session during mid-day', and that the 'follow-up of the study' was mentioned as '2.5' years. Further, there was no declaration that the collected blood samples will be used only for the purpose of the study. These issues concern the well-being of the study subjects.

- g. The methodology of the meditation to be taught to the subjects was not mentioned in the proposal.
- h. Dr. Mathavan in his response explained that he himself is not the principal investigator but the co-investigator of the study, and some questions raised by the IEC would be better answered by the principal investigator. The study is being funded by the Department of Science and Technology (DST), Govt of India under the SATYAM (Science and Technology of Yoga and Meditation) scheme, and the fund is allotted to the principal investigator, Dr. Sankarganesh Arunachalam. Under this study, non-patients also will be included, but these subjects are from different places (i.e., outside Velammal Hospitals) and thus not concerning our hospital. The role of Dr. Mathavan will be to select suitable patients with cardiomyopathy and refer them to the principal investigator, who will subsequently contact the patients in their homes and proceed with the study by training them with the meditation technique and collecting blood samples. Dr. Mathavan explained that the principal investigator has demonstrated the methodology of meditation to him, and that he was satisfied as a cardiologist because it did not involve Valsalva manoeuvre which can be harmful for heart failure patients.
- i. This response by Dr. Mathavan only partially convinced some IEC members. The consensus was that even though the selection of suitable patients by Dr. Mathavan is undisputable and can be approved without much ethical considerations, what happens to the patients subsequently when they are approached by the principal investigators is still ambiguous and not made very clear by the study proposal. The concerns about voluntary participation, sample size, methodology of meditation, and blood sample collection (who will collect, how many samples will be collected, and usage of the blood samples for study purpose only) were still unresolved. Since these were major ethical considerations, some IEC members strongly put forth their views that the study cannot be approved in the current format.

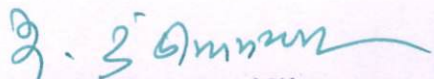
  
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- j. Dr Satyavan (Chairperson), however, was convinced about the genuineness of the study, and opined that the points being raised by other members are merely trivial, and that the committee members should function as 'scientists' and not as 'clerks'. He told that the study was a novel one and is going to benefit the patients. Regarding the methodology, he was convinced that since Dr Mathavan is vouching for its safety, the methodology has to be safe, keeping in view the renown of Dr. Mathavan as a cardiologist. He strongly opined that the study should be approved with minor modifications.
- k. To resolve these differences, the voting process was invoked. During the voting, a few members abstained from voting; Dr. Mathavan (being a co-investigator of the study under discussion) did not participate in voting (as per SOPs of the IEC); majority of the IEC members were against the approval of the study in the current format, and only Dr Satyavan was in favour of approval of the study. At this point, Dr Sathyavan suddenly walked out of the venue in the middle of the meeting. Even after repeated request by members and Member-secretary, he did not re-join the meeting.
- l. Subsequently, as per SOPs of the IEC, the Member Secretary (after consultation with other members) chaired the meeting and the meeting resumed.
6. **Discussion of Research Proposals:** A total of seven research proposals were submitted to the IEC for approval. Out of these seven, discussion about one proposal was postponed to the next meeting on request of the principal investigator (student investigator) due to health reasons. After deliberation, the following decisions were arrived at:
- Number of proposals approved in the current format: 02
  - Number of proposals approved, after suggested modifications: 03
  - Number of proposals directed to resubmit after modifications: 01
  - **Total number of proposals discussed: 06**

  
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Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/01/2019	Dr A Mathavan, Director of Cardiology	A Prospective, Single-arm, Observational Registry Study Evaluating the Safety and Efficacy of Stent Firehawk™ DES in the Treatment of Patients With Coronary Artery Lesions	Approved, after suggested modifications (English version of ICF and PIS to be submitted; CRF to be submitted; declaration about the cost of the new stent to be provided)
2	VMCIEC/02/2019	Mr. Sankarganesh Arunachalam/ Dr A Mathavan, Director of Cardiology	Unravelling the physiological mechanisms of Heartfulness meditation (Pranahuti)-mediated benefits on cardiovascular risk	Resubmit after modification
3	VMCIEC/03/2019	Dr Lavanya R, Dept of Pathology	Correlative analysis of histopathology and immunohistochemistry in various cancers, with particular reference to poorly differentiated/undifferentiated cancers	Approved in the current format
4	VMCIEC/04/2019	Dr Anu Tresa, CRR/ Dr. R V Jeyabalaji, Dept of Pediatrics	Screening for congenital hypothyroidism by cord blood TSH - a retrospective study	Approved in the current format

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3-3 April 2022  
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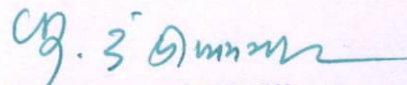




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5	VMCIEC/ 05/2019	Ms. S Dharshini, 1 <sup>st</sup> MBBS student/ Dr Suganthi K, Dept of Biochemistry	Metabolic biomarkers of prognosis-An insight into clinical, hemodynamic and biochemical markers in intensive care patients	Approved, after suggested modifications (Bilingual ICF should include all ethical issues in detail as per ICMR guidelines; LAR signature to be included in the ICF; funding details to be amended)
6	VMCIEC/ 06/2019	Dr Saravanan, Dept of Community Medicine	Health related quality of life among diabetic patients in a tertiary hospital: a cross sectional study	Approved, after suggested modifications (Bilingual ICF to be provided)

7. The meeting concluded with vote of thanks to the chair.

  
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# VELAMMAL MEDICAL COLLEGE

## HOSPITAL AND RESEARCH INSTITUTE

### MADURAI - 625009

IEC Meeting on 7<sup>th</sup> June 2019

INSTITUTIONAL ETHICS COMMITTEE MEETING - IX  
Date - 7.6.2019  
Reconstituted Institutional Ethics Committee

SNO	Name	DESIGNATION	DESIGNATION in IEC	SIGNATOR
1	Dr. Mohan prasad	Oncologist	Chairperson	
2	Dr. Rajkishore Mahato	Prof + HOD of pharmacology		
3	Dr. chandra sekaran	Prof + HOD of General Medicine	Gen. Med.	
4	Dr. Muthuramalingam	Prof of OM		
5	Dr. K. Sasikala	Asst. Prof.	member	
6	Dr. Trupti Bodhare	Professor	Member	
7	Dr. K. SUGATHY	PROFESSOR		
8	Dr. Jayashree K	Assistant Prof	member	
9	Mrs. Usha Patraik		Social Scientist	
10	Mr. M. Mungesha	Assistant Professors	Long Person	
11	Amitha Vashori Raghavan	1 <sup>st</sup> year MBBS Student	Presenter	
12	S.N. Vishnu Varthini	1 <sup>st</sup> Year MBBS	Presenter	
13	R. VAIRA PRAVEENA	1 <sup>st</sup> MBBS	Presenter	
14	P. Mohan Surya	CRR I	Presenter	
15	P.M. Jeya SUREYAN	CRR I	"	
16	I. Nityashree	CRR I	presenter	
17	B. Rengapadmanathan	11 <sup>th</sup> Year MBBS	presenter	





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 18<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Friday, **7<sup>th</sup> June 2019**, in the **Medical College Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Chandrasekaran, Professor and Head, Dept of Medicine, VMCHRI; Member (Clinician)
- Dr Muthuramalingam, Professor and Head, Dept of Ophthalmology; Member (Clinician)
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr B N Vallish, Associate Professor, Dept of Pharmacology, VMCHRI; Member (Basic Medical Scientist)
- Dr. K. Jeyashree, Assistant Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

Mr M Krishnamoorthy, Lawyer; Member (Lawyer) expressed his inability to attend the meeting due to unavoidable circumstances:

1. The Member-secretary announced the name of newly appointed chairperson-Dr BKC Mohan Prasad, welcomed the members of reconstituted Institutional Ethics Committee and read out the minutes of the previous meeting (17<sup>th</sup> IEC meeting on 30<sup>th</sup> January 2019). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. **Induction of New Member:** Since Dr Sathyavan expressed his desire to discontinue as chairperson of the IEC, Dr Mohan Prasad was appointed as a new chairperson of IEC. As per administrative decision based on providing opportunity to the other faculty members, Dr A Mathavan, Director of Cardiology, Dr Janshi Charles, Professor and Head of Microbiology and Dr Usha Ravi Kumar, Professor and Head of Pathology were replaced by Dr Muthuramalingam, Professor and Head, Dept of Ophthalmology.

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Dr Trupti Bodhare, Professor, Dept of Community Medicine and Dr. K Suganthi, Professor, Dept of Biochemistry respectively as a member the IEC.

3. All members introduced themselves to each other and submitted their biodata.
4. Vice Principal, Dr P K Mohanty requested a suggestion regarding signing of mutual agreement with HCL technology for validation of newly designed instrument by third party industries before being marketed. The issue was discussed and suggested to proceed forward after an undertaking mentioning that result of data generated in the test instrument shall be used only for statistical calculation not for patient care.
5. **Discussion of Research Proposals:** A total of thirteen research proposals were submitted to the IEC for approval. Out of these thirteen, discussion on one proposal did not happen due to non availability of Principal investigator. After deliberation, the following decisions were arrived at:
  - Number of proposals approved in the current format:02
  - Number of proposals approved, after suggested modifications:04
  - Number of proposals directed to resubmit after modifications:06
  - **Total number of proposals discussed: 12**

  
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Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/09/2019	Ms Gopica M/ Dr M Saravanan	Capillary and venous blood glucose estimation: role of iterating self-monitoring blood glucose technique	Approved in the current format (Replace name with initials in CRF)
2	VMCIEC/10/2019	Dr R M Jeyasureyan (CRRI)/ Dr Vijay Anto	Effectiveness of health education on first aid measures among Velammal school students of Ladanendal and Madurai	Resubmit after modification
3	VMCIEC/11/2019	Dr Janani Janarthanam (CRRI)/ Dr K Jeyashree	Extent of indoor air pollution among married women in selected rural areas of Tamil Nadu and its impact on their health	Approved after suggested modifications (Replace name with initials in CRF)
4	VMCIEC/12/2019	Mr. Mohammed Issaq Ismail/ Dr K Rekha	Effect of Low carbohydrate high fat (LCHF) diet in Glycaemic, Lipid profiles and inflammatory markers in Type 2 Diabetes mellitus patients.	Resubmit after modification
5	VMCIEC/13/2019	Ms S S Sriranjini/ Dr A Sangeetha	Incidence of magnesium deficiency in diabetes patients and its complications	Approved, after suggested modifications (CRF needs to be prepared in

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				proper format and submitted to the IEC; Undertaking regarding the cost of the investigations needs to be submitted to IEC)
6	VMCIEC/14/2019	Ms Nachammai P L/ Dr B N Vallish	Pharmacoeconomic evaluation of cost of hemodialysis in patients with chronic kidney disease: a cost-of-illness study from Madurai, Tamil Nadu	Approved in the current format
7	VMCIEC/15/2019	Mr B Rengapadmanathan/ Dr M Shanthi	Diabetic retinopathy [DR] a potential predictor of cognitive dysfunction in -Type 2 diabetes mellitus patients.	Resubmit after modification
8	VMCIEC/16/2019	Dr I Nithya Shree (CRR)/ Dr Trupthi Bodhare	Perception regarding barriers for cervical cancer screening among women in South India (Tamil Nadu)	Resubmit after modification
9	VMCIEC/17/2019	Amritha Varshini Ragavan/ Dr S Anu	A study comparing the timbre of different musical sounds used in music therapy and its effect on the quality of sleep in medical students with insomnia	Resubmit after modification
10	VMCIEC/18/2019	Ms K N Shreelakshmi/ Dr Raja	Seroprevalence of hepatitis B and C virus among master health check-up individuals by	Approved, after suggested modifications

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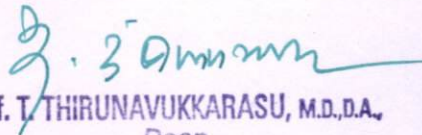




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			chemiluminescence immunoassay	(ICF needs to be submitted)
11	VMCIEC/ 19/2019	Ms S N Vishnu Varthini/ Dr Jayashree	Effect of mint-flavoured chewing gum in observing changes in cognitive function while assessing test performance	Resubmit after modification
12	VMCIEC/ 20/2019	Ms Vaira Praveena/ Dr Sangeetha	Profile of vitamin B12 deficiency and its association with diet among in patients in a tertiary care hospital in Madurai, South India	Approved, after suggested modifications (Bilingual ICF- English & Tamil should match each other, Type of study needs to be mentioned clearly)

6. The meeting concluded with vote of thanks to the chair.

  
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# VELAMMAL MEDICAL COLLEGE

## HOSPITAL AND RESEARCH INSTITUTE

### MADURAI - 625009

IEC Meeting on 3<sup>rd</sup> September 2019

IEC-19

Date - 3/9/2019

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VELAMMAL MEDICAL COLLEGE HOSPITAL & RESEARCH INSTITUTE

LIST OF MEMBERS OF RECONSTITUTED INSTITUTIONAL ETHICS COMMITTEE

S.NO	NAME	DESIGNATION AT VANCHERI IEC	DESIGNATION SIGNATURE
1.	Dr. MOHAN PRASAD	chairperson	oncologist
2.	Dr. RAJ KISHORE MAHAJAN	member secretary	prof & HOD pharmacology
3.	Dr. MUTHURAMALINGAM	clinician	prof & HOD ophthalmology
4.	Dr. S. CHANDRA SEKHARAN	clinician	prof & HOD of Medicine
5.	Dr. K. SASIKALA	clinician	asst. professor OBG
6.	Dr. TRUPTI BODHARE	Basic Medical Scientist	Professor SPM
7.	Dr. K. SUGANTHI	Basic Medical Scientist	Professor Biochemistry
8.	Dr. B.N. VALLISH	Basic Medical Scientist	- resigned -
9.	Dr. K. JEEVASHREE	Basic Medical Scientist	- resigned -
10.	Mr. M. KRISHNA MOORTHY	Lawyer	-
11.	Mr. M. MURUGESAN	Lay person	-
12.	Mrs. USHA RANI PATNAIK	Social Scientist	-
13.	Dr. HEMALATHA T	Basic Medical Scientist	asst. prof pharmacology





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 19<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Tuesday, 3<sup>rd</sup> September 2019, in the **Medical College Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Chandrasekaran, Professor and Head, Dept of Medicine, VMCHRI; Member (Clinician)
- Dr Muthuramalingam, Professor and Head, Dept of Ophthalmology; Member (Clinician)
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of reconstituted Institutional Ethics Committee and the Member-secretary read out the minutes of the previous meeting (18<sup>th</sup> IEC meeting on 7<sup>th</sup> June 2019). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. **Induction of New Member:** As Dr Vallish BN and Dr Jeyashree K have been relieved from the institution, name of Dr Hemalatha T, Assistant Professor of Pharmacology was proposed by member secretary and was accepted unanimously. She introduced herself and all other members welcomed her as a member of IEC. She submitted her biodata for the purpose of IEC office filing and further communication.
3. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.

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4. **Discussion of Research Proposals:** A total of twenty four research proposals were submitted to the IEC for approval. Out of these, discussion on eight proposals did not happen due to non-availability of principal investigator or guide or planning to present in the next IEC meeting. After deliberation, the following decisions were arrived at:

- Number of proposals discussed: 16
- Number of proposals approved in the current format: 05
- Number of proposals approved, after suggested modifications: 11
- Number of proposals to be resubmitted: 08

Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/25/2019	Dr. Virgin joena, Medicine	Bactremic predictive factors in symptomatic blood culture positive inpatients admitted in tertiary care hospital	Approved with suggested modification (sample size to be mentioned)
2	VMCIEC/26/2019	Dr. Virgin joena	A study on the knowledge, attitude and practice of rational use of antibiotics among interns based on predesigned proforma	Approved with suggested modifications (ICF to be submitted; sample size to be mentioned)
3	VMCIEC/27/2019	Dr P K Mohanty	Arkray biochemistry analyzers (SPD 4430, SPD 4810 and SPD 4820) clinical	Approved in the current format

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			performance evaluation	
4	VMCIEC/ 28/2019	Dr N Subramanian Rheumatologist	The APLAR Spondylarthritis (SpA) Registry	Approved in the current format
5	VMCIEC/ 29/2019	Miss. B.Vijaya Jothi/Dr Sudharsan	First Aid Skills - Assessment of Knowledge among Undergraduate Medical Students in a Medical College, South Tamilnadu	Approved, after suggested modifications (Inclusion- exclusion criteria needs to be mentioned and intimated to the IEC)
6	VMCIEC/ 30/2019	Dr. V. Sriandaal OBG	Prevalence of vaginal discharge among reproductive women-a hospital based cross sectional study	Approved after suggested modifications (ICF- English and Tamil, both should be replica of each other. Ensure and intimate to IEC)
7	VMCIEC/ 31/2019	Dr.Samir Bele	Teaching public health ethics in Indian context to undergraduate medical students: Design, implementation and evaluation of a blended learning module	Approved the current format
8	VMCIEC/ 32/2019	Dr.Samir Bele	Perception of blended learning using textbooks and E-books among medical students.	Approved the current format
9	VMCIEC/ 33/2019	Dr.M. S.Regan	A study to assess the knowledge, attitude and practical about HIV and its related	Approved after suggested modifications (Questionnaire with

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			ethical issues among medical interns in a medical college in Tamil nadu	suitable grading scale needs to be developed and intimated to IEC)
10	VMCIEC/ 34/2019	Dr R. Haribhaskar /Dr. M.S.Regan	Impact of a simple health educational programme on knowledge, attitude and practice of dengue fever among high school students in a rural and urban area of Madurai".	Not approved, resubmit after modifications ( suitable study population and sample size needs to be selected, suitable interventional methods needs to be developed)
11	VMCIEC/ 35/2019	Ms S.Manasah/ DR.C.Deiveegan	Relation between mobile phone addiction and psychological co morbidities such as anxiety, depression	Not approved, resubmit after modification (how to know about psychological comorbidity-anxiety, depression – by asking about medication or checking prescription or simply asking the presence/absence of the mentioned disease)
12	VMCIEC/ 36/2019	Dr. Chandrika M/ DR.C. Deiveegan	Awareness among parents residing in rural Madurai regarding newer vaccines	Not approved, resubmit after modification (define the study population with suitable age and area)
13	VMCIEC/ 37/2019	Dr.Trupti Bodhare	Quality of life in patients with rheumatoid arthritis	Approved the current format
14	VMCIEC/ 38/2019	Ms A. Amirtha maena/Dr.Trupti Bodhare	Self-determination among medical students: an empirical study	Not approved, resubmit after modification (change sample size, modification in study questionnaire)

  
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15	VMCIEC/ 39/2019	Dr. Dharshini Priya B/ Vijay Anto	Study of the quality of life & mental health among leprosy patients – a cross sectional study.	Approved after suggested modifications (Tamil version of ICF, undertaking that interviewer will fill the questionnaire, single interviewer should collect the data)
16	VMCIEC/ 40/2019	Dr. Mamatha T Shenoy	Tacrolimus Concentration/Dose Ratio: A Tool to Guide Tacrolimus Dosage after Transplantation	Not approved, resubmit after modification (Sample size is not adequate improve it,)
<b>Proposal submitted but not discussed</b>				
17	VMCIEC/ -/2019	Chandrappriyan T S /Dr. Saravanan	Evaluation of cognition in type-2 diabetic patients in a tertiary care centre	Not discussed as guide was not available. Resubmit in next meeting
18	VMCIEC/ -/2019	Dr. Gopinathan (CRRI)	Assessment of levels of disability, social support and stigma among leprosy patients	Not discussed as guide was not available. Resubmit in next meeting
19	VMCIEC/ -/2019	Dr. Dilip Vijay	A trial of intra- operative low-tidal- volume ventilation in off pump coronary artery bypass grafting surgery	Not discussed as investigator was not available. Resubmit in next meeting
20	VMCIEC/ -/2019	Dr.Nityashree.I, CRRI/ Dr.Trupiti	Perception regarding barriers for cervical cancer screening among women in south India ( Tamil Nadu)	Not discussed as investigator was not available. Resubmit in next meeting

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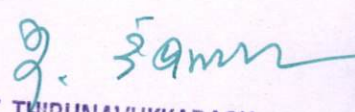




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21	VMCIEC/ -/2019	Dr. M.S.Regan	A cross sectional study to determine the sleep pattern and impact of sleep deprivation on health and academic performance of medical interns of a medical college in Madurai	Not discussed as investigator planned to present in the next meeting
22	VMCIEC/ -/2019	Dr. M.S.Regan	Burden of out of pocket health expenditure among the households of a rural area in madurai	Not discussed as investigator planned to present in the next meeting
23	VMCIEC/ -/2019	Dr. K.Bawapoorni , CRR/ Dr Trupti	Quality of life of the patients after the completion of leprosy treatment	Not discussed as investigator planned to present in the next meeting
24	VMCIEC/ -/2019	Dr. V.Dinesh, CRR/ Dr.Sudharsan	Myopia in paediatrics	Not discussed as investigator planned to present in the next meeting

5. The meeting concluded with vote of thanks to the chair.

  
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# VELAMMAL MEDICAL COLLEGE

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### MADURAI - 625009

IEC Meeting on 3<sup>rd</sup> December 2019

IEC-20.

3/12/19.47

#### IEC Members

S.No	Name & designation	Designation at IEC	Signature
1.	Dr. Mohan Prasad, oncologist	chairperson	
2.	Dr. Raj Kishore Mahabo, Professor member secretary pharmacology		
3.	Dr. Muthuramalingam, professor ophthalmology	clinician	
4.	Dr. S. Chandrasekaran, professor medicine	clinician	
5.	Dr. K. Sarikala, Asst. professor OBG	clinician	
6.	Dr. Gupta, Professor, CM	Basic medical sciences	
7.	Dr. Suganthi, Professor, Biochem	Basic medical sciences	
8.	Dr. Hemalatha, Asst. prof. pharmacology	Basic Medical sciences	
9.	Mr. M. Krishnamoorthy	lawyer	
10.	Mr. M. Munigeran	lay person	
11.	Mrs. Uma Rani Patraik	social activist	
12.	Dr. Sarikala	member	
13.	Dr. P. CHANDRASEKARAN	Deputy Secy Gen. Secy	
14.	Dr. A. C. Muru	MGE	

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# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 20<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Tuesday, 3<sup>rd</sup> December 2019, in the **Medical College Board Room** between **2.00 pm and 3.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Chandrasekaran, Professor and Head, Dept of Medicine, VMCHRI; Member (Clinician)
- Dr Muthuramalingam, Professor and Head, Dept of Ophthalmology; Member (Clinician)
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr T Hemalatha, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of reconstituted Institutional Ethics Committee and the Member-secretary read out the minutes of the previous meeting (19<sup>th</sup> IEC meeting on 3<sup>rd</sup> September 2019). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
3. **Discussion of Research Proposals:** A total of twenty research proposals were submitted to the IEC for approval. Out of these, discussion on thirteen proposals did not happen due to non-availability of principal investigator or guide or planning to present in the next IEC meeting. After deliberation, the following decisions were arrived at:

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- Number of proposals discussed: 07
- Number of proposals approved in the current format: 03
- Number of proposals approved, after suggested modifications: 04
- Number of proposals to be resubmitted: 13

Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/41/2019	Dr. Mamatha T Shenoy	Tacrolimus Concentration/Dose Ratio: A Tool to Guide Tacrolimus Dosage after Transplantation	Approved in current format
2	VMCIEC/42/2019	Dr A.C.Arun	Etiological spectrum of cirrhosis patients attending a tertiary care hospital in the southern part of india	Approved with suggested modification (sample size to be defined, study should be retrospective not prospective)
3	VMCIEC/43/2019	Dr Rajan S	Sex determination from lower end of humerus using morphological traits in indian population	Approved in current format
4	VMCIEC/44/2019	Dr. Dilip Vijay	A trial of intra-operative low-tidal-volume ventilation in off pump coronary artery bypass grafting surgery	Approval pending. PI was suggested for the modification (study should be observational)
5	VMCIEC/45/2019	Dr Venkatesh Karthikeyan,	Perceived Stress, Sources of Stress and Coping strategies	Approved with suggested modification

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		CRRI/Dr. Trupti Bodhare	among Undergraduate medical students of a Private Medical College in Madurai city, Tamilnadu : A Cross Sectional Study.	(duration of study to be mentioned, financial certificate should be signed by PI)
6	VMCIEC/46/2019	Dr. S.Vijay Anand	Ceftazidime - Avibactam in the treatment of complicated UTI with Multi drug resistant organisms - comparison with existing best therapy	Approved with suggested modification (study design to be changed)
7	VMCIEC/47/2019	Dr P K Mohanty, VP	VMCH-HCL-Arkay Project	Approved in current format

4. The meeting concluded with vote of thanks to the chair.

  
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**IEC Meeting on 22<sup>nd</sup> February 2021**

52 IEC- 29 (plans). Date: 22/2/2021  
Venue: College board room  
Time: 2pm

SNO	IEC Members Name & Designation	Designation at IEC	Signature
1.	Dr. Mohan Prasad onologist	chairperson	
2.	Dr. Raj Kishore Mahala Prof & HOD, Pharmacology	Member Secretary	
3.	Dr. K. Sasikala Associate Prof. OBG	Member	
4.	Dr. Trupti Bodhare Prof. Community Med.	Member	
5.	Dr. K. SUGANTHI Prof. Biochemistry	Member	
6.	Ms. M. Krishna Moorthy AVDAR in District Court	Lawyer	
7.	Mr. M. Murugesan	Lay person	
8.	Mrs. Usha Rani Patraik	Social Scientist	
9.	Dr. S.C. Ganesh Prabhu	HOD Anaesthesiology	
10.	Dr. A.S. Krishnam	HOD Dermatology	





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 23<sup>rd</sup> meeting (Phase 1) of the Institutional Ethics Committee (IEC) of VMCHRI was organised on **Monday, 22<sup>nd</sup> February 2021**, in the **Medical College Board Room** between **2.00 pm and 4.00 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of reconstituted Institutional Ethics Committee and the Member-secretary read out the minutes of the previous meeting (22<sup>nd</sup> IEC meeting; 10<sup>th</sup> November 2020). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
3. Dr Sindhu Sekar, Assistant Professor of Pharmacology was inducted as a member of IEC.
4. **Discussion of Research Proposals:** A total of twenty research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 22
  - Number of proposals approved in the current format:
  - Number of proposals approved, after suggested modifications:
  - Number of proposals to be resubmitted: 5

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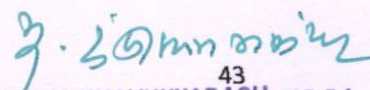




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Recommendations of the IEC for the presented research proposals are as given below:

SL. No	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/01/2021	Dr Senthil Surgical Gastroenterology VMCHRI, Madurai Dr Nithyakalayani, Apollo Main Hospital, Chennai	Isolation and Characterization of human pancreatic islet cells as a therapy to cure Type 1 diabetes in India- Phase 1	Approved in current format
2	VMCIEC/02/2021	Dr.Krithika Varshini.M, PG 1Yr Dr.Ramesh.A, Professor (Guide) Dept. of Microbiology	Phenotypic and Genotypic study of Ceftazidime-Avibactam resistance in clinical isolates of Carbapenem resistant Klebsiella pneumonia from a tertiary care hospital in south India.	Approved in current format
3	VMCIEC/03/2021	Dr. Pravin Raj Solomon Asst Prof Research R&D Centre, VMC	Early detection of dengue virus using small RNA and epigenome markers	Approved in current format with disclosure of fund
4	VMCIEC/R1/2021	Dr. Ponni.R, PG 1Yr Dr. Lavanya Associate Prof, Dept. of Pathology	Clinico-histopathological and immunohistochemistry correlation in soft tissue tumors	<b>Resubmit</b> after suggested modifications

  
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5	VMCIEC/ 04/2021	Dr. Monishaa C, PG 1Yr Guide: Dr. Jagan Chandramohan Associate Prof Dept. of Pathology	Clinico- pathological correlation of various prognostic factors with the study of tumor infiltrating immune cells in colorectal carcinoma.	Approved in current format
6	VMCIEC/ R2/2021	Dr Fayaz Basha PG 1Yr Guide: Dr.Jhansi Charles, Prof & Head Dept. of Microbiology	Role of host genetics in susceptibility to COVID-19 infection.	<b>Resubmit</b> after suggested modificatio ns
7	VMCIEC/ R3/2021	Dr R C Kavyappriya PG-1Yr Pathology Guide: Dr K Yegumuthu, Prof of Pathology	Renal cell carcinoma – subtyping, grading, radiological findings and histopathological correlation	<b>Resubmit</b> after suggested modificatio ns
8	VMCIEC/ 05/2021	Dr Shayher Banu PG 1Yr Pathology.Guide: Dr Usha Ravikumar, Professor and Head, Department of Pathology	Clinicopathological and immunohistochem ical evaluation of prognostic factors in breast carcinoma	Approved in current format
9	VMCIEC/ 06/2021	Dr. R. Ramji, PG 1Yr Guide: Dr. P. Selvakumar, Associate Prof, Dept of Anaesthesiology	Comparison Between Supraclavicular And Infraclavicular Subclavian Vein Catheterization Using Ultrasound Guidance	Approved in current format

  
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10	VMCIEC/ 07/2021	Dr. Naveen Raj R, PG 1Yr Guide: Prof., Dr.T. Nirmala Devi, Dept. of Anaesthesiology	Opioid free anaesthesia and opioid anaesthesia for postoperative pain in laparoscopic surgeries - a comparative study	Approved in current format
11	VMCIEC/ 08/2021	Dr.Balakumaran.B, PG 1Yr Guide: Dr.Trupiti Bodhare, Professor, Dept. of Community Medicine	Estimation of Maternal morbidity & its determinants among Paliyar tribal women : a mixed method study	Approved in current format
12	VMCIEC/ R4/2021	Dr. Dinesh. S, PG 1Yr Guide: Dr. Samir Bele Prof and Head, Dept. of Community Medicine	Effect of group- based diabetes self-management education on self- care, glycaemic control and quality of life among patients with type 2 Diabetes Mellitus: A Quasi- experimental study	<b>Resubmit</b> after suggested modificatio ns
13	VMCIEC/ R5/2021	Dr R Shaily, PG 1Yr Dr. Jhansi Charles, Prof and Head Dept. of Microbiology	Prevalence of rare fungal isolates in patients with head and neck infections by molecular techniques	<b>Resubmit</b> after suggested modificatio ns
14	VMCIEC/ 09/2021	Dr. T. Nevathitha, PG 1Yr Guide: Dr. P. Mageswari Professor, Dept. of Anaesthesiology	Comparison of ultrasound guided quadratus lumborum plane	Approved in current format

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			block with bupivacaine and ropivacaine as adjuncts for post-operative analgesia in lower abdominal surgeries	
15	VMCIEC/ 10/2021	Dr.T.Dhivya, PG 1Yr Guide: Dr. S.C.Ganesh Prabu Prof and Head, Dept. of Anaesthesiology	Erector spinae block versus oblique subcostal TAP block for laparoscopic cholecystectomy patients- A comparative study	Approved with suggested modification
16	VMCIEC/ 11/2021	Dr. Sri Krishna Priya M, PG 1Yr Dr.A.S.Krishnaram Prof and Head Dept. of Dermatology	Study of Dermoscopic Findings in Dermatophytosis Patients	Approved in current format
17	VMCIEC/ 12/2021	Dr. Shibani M I, PG 1Yr Guide: Dr.A.S. Krishnaram Prof and Head Dept. of Dermatology	Study of Nail fold Capillaroscopy Findings in Type 2 Diabetes Mellitus Patients With and Without Retinopathy	Approved in current format
18	VMCIEC/ 13/2021	Dr. Mohan Kumar Panner Selvam, PG 1Yr Guide: Dr. R Ramesh Professor Dept. of General medicine	Hematological parameters in newly diagnosed patients of systemic lupus erythematosus	Approved in current format
19	VMCIEC/ 14/2021	Dr. Anusha C, PG 1Yr Guide: Dr. M Virgin Joena Professor and Head, Dept. of General medicine	To Study the Prevalence of Vitamin D deficiency And Its Correlation with	Approved in current format

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			Anaemia in Patients with Chronic Kidney Disease	
20	VMCIEC/ 15/2021	Dr. E. Kiranlal Yadav, PG 1Yr Dr. Jerald Majellah Professor (Guide) Dept. of General medicine	Body composition indices and predicted cardiovascular disease risk profile	Approved in current format
21	VMCIEC/ R6/2021	Prof VS Vasantha Registrar Kamaraj University Dr M Jayalakshi Assist Professor of Immunology, MKU	Electrochemical and Optical Miniaturized Biosensors for Detection of Food Toxins	<b>Resubmit</b> after suggested modifications
22	VMCIEC/ 16/2021	Dr. Varadan M, PG 1Yr Guide: Dr. K. Suganthi Professor Dept. of Biochemistry	A study on association of RBP4 gene SNP with dyslipidemia in hypothyroids and euthyroids	Approved in current format

5. The meeting concluded with vote of thanks to the chair.

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# VELAMMAL MEDICAL COLLEGE

## HOSPITAL AND RESEARCH INSTITUTE

### MADURAI - 625009

IEC Meeting on 26<sup>th</sup> February 2021

IEC - 23 (Phase - 2)      Date: 26/2/2021  
List of IEC Members      Venue: College Hospital  
Time: 2pm.

S.NO	NAME & Designation	DEPT. & DESIGNATION @ IEC	SIGNATURE
1.	Dr. Mohan Prasad Oncologist	Chairperson	
2.	Dr. Raj Kishore Mahata Prof of HOD, Pharmacology	Member Secretary	
3.	Dr. K. Sarikala Asst. Prof of ORG	Member	
4.	Dr. Toupiti Bodhare Prof. Community Medicine	Member	
5.	Dr. K. Suganthi Prof. Biochemistry	Member	
6.	Mr. M Krishna Moorthy Advocate in District Court.	Lawyer	
7.	Mr. M. Murugesan	Lay Person	
8.	Mrs. Usharani Patraik	Social Scientist.	UPatraik.
9.	<del>Dr. S. S. S. S.</del> <del>S. S. S.</del> <del>S. S. S.</del>		





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The phase 2 of 24<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on **Friday, 26<sup>th</sup> February 2021**, in the **Medical College Board Room** between **2.00 pm and 3.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of reconstituted Institutional Ethics Committee and the Member-secretary informed about the rectification done by investigator in phase 1 of IEC-23. All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
3. **Discussion of Research Proposals:** A total of twenty two research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 22
  - Number of proposals approved in the current format: 20
  - Number of proposals approved, after suggested modifications: 2
  - Number of proposals to be resubmitted: 0

9.3.2021  
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Recommendations of the IEC for the presented research proposals are as given below:

SL. No	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/17/2021	Dr S. P. Kausikan, PG 1Yr Guide: Dr. S. Anu Professor and Head, Dept. of Physiology	Impact of Non-pharmacologic Interventions On Cardiovascular parameters in Prehypertensive Individuals	Approved in current format
2	VMCIEC/18/2021	Dr P Swathika, PG 1Yr Guide: Dr. V. Raviraman Professor and Head, Dept. of Orthopaedics	A comparative study of Functional outcome in patients undergoing anterior cruciate ligament reconstruction with medial meniscal tear repair vs anterior cruciate ligament reconstruction with medial meniscal resection	Approved with suggested modification (sample size to be defined)
3	VMCIEC/19/2021	Dr Gokul Kumar J, PG 1Yr Guide: Dr. V. Raviraman Professor and Head, Dept. of Orthopaedics	Functional and radiological outcome analysis of percutaneous intramedullary multiple K wire fixation for treatment of unstable displaced metacarpal fractures	Approved in current format
4	VMCIEC/20/2021	Dr Jesmick Ponniah K, PG 1Yr Guide: Dr. S Shanmuganathan Professor,	Adductor canal block versus periarticular infiltration versus epidural analgesia for pain control following	Approved with suggested modification (study should be

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		Dept. of Orthopaedics	total knee arthroplasty - a comparative analysis	observation al)
5	VMCIEC/21/2021	Dr Sarah Shaheen Shakir, PG 1Yr Guide: Dr.M.Mariappan Professor and Head, Department of Radio Diagnosis Co-guide: Dr K Kalirajan Asst Prof, Radio-diagnosis	Comparison of Doppler Ultrasonography with CT Angiography in Evaluation of Peripheral Arterial Disease of Lower Limbs	Approved with suggested modification in financial certificate should be signed by PI)
6	VMCIEC/22/2021	Dr R Krithika, PG 1Yr Guide: Dr. G. Rajalakshmi Preethi, Associate Profesor, Department of Radio Diagnosis	Role of Ultrasound-Gray scale and Colour Doppler Imaging in Characterisation of Breast lesions	Approved with suggested modification (study design to be changed)
7	VMCIEC/23/2021	Dr Kautham Guru R, PG 1Yr Guide: Dr.M.Mariappan Professor and Head, Department of Radio Diagnosis	Comparision of post contrast T1W, MAGNETISATION TRANSFER(MT) and post contrast T2 FLAIR sequences in detection of meningeal enhancement in meningeal diseases	Approved in current format
8	VMCIEC/24/2021	Dr Manibharath SP, PG 1Yr Guide: Dr. Karpagavel Chandrabose Professor, Department of General Surgery	Comparative study between vacuum assisted closure dressing Vs normal conventional dressing in diabetic foot ulcer	Approved in current format
9	VMCIEC/25/2021	Dr Samrobinson J, PG 1Yr	A Comparative Study of Band Ligation V/S	Approved in current format

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6<sup>2</sup>8.39mm  
Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
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		Guide: Dr. K Gopinath Professor, Dr. S.R. Dhamotharan, Professor and Head, Department of General Surgery	Sclerotherapy in Internal Haemorrhoids.	
10	VMCIEC/ 26/2021	Dr. Gowtham K, PG 1Yr Guide: Dr. Selva Chidambaram Professor, Department of General Surgery	Image guided versus Palpation guided core needle biopsy in palpable Breast lesion – a comparative analytical study	Approved after suggested modification.
11	VMCIEC/ 27/2021	Dr. Karthika M, PG 1Yr Guide: Dr. S.R. Dhamotharan, Professor and Head, Department of General Surgery	Veress needle method versus modified Scandinavian technique for primary trocar in laparoscopic surgery – a comparative study	Approved in current format
12	VMCIEC/ 28/2021	Dr SJ Shanmanthi, PG 1Yr Dr.K.Ilango Professor, Department of Ophthalmology	Ocular manifestations in patients on dialysis in a tertiary care center	Approved in current format
13	VMCIEC/ 29/2021	Dr Sundareswari T, PG 1Yr Dr . P. Thiyagarajan Professor and Head, Department of Ophthalmology	Correlation between central corneal thickness and degree of myopia.	Approved in current format
14	VMCIEC/ 30/2021	Dr. G.Nithin Ragav, PG 1Yr Dr. P. Rajasekaran Professor and Head, Department of	A Study of Nasal packing in post- operative Nasal surgery patients in a Tertiary	Approved in current format

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*9.59 mn min*  
Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
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		Otorhinolaryngology	care centre in the southern part of India.	
15	VMCIEC/ 31/2021	Dr Anitha Prasath, PG 1Yr Guide: Dr Raj Kishore Mahato Prof and Head, Dept. of Pharmacology	A comparative study of efficacy of low dose amitriptyline versus gabapentin as co - analgesics in patients receiving oral opioid analgesic for malignancy associated pain.	Approved with suggested modification (title, study population, inclusion / exclusion criteria)
16	VMCIEC/ 32/2021	Dr Fayaz Basha, PG 1Yr Professor and Head, Dr. Jhansi Charles Dept. of Microbiology	Role of Host genetics in susceptibility to COVID-19 infection	Approved in current format
17	VMCIEC/ 33/2021	Dr. Ponni.R, PG 1Yr Dr. R. Lavanya, Associate Prof, Dept. of Pathology	Clinico-histopathological and immunohistochemistry correlation in soft tissue tumors	Approved in current format
18	VMCIEC/ 34/2021	Dr R C Kavyappriya, PG 1Yr Dr K Yegumuthu Professor, Dept. of Pathology	Renal cell carcinoma – subtyping, grading, radiological scoring and histopathological correlation	Approved in current format
19	VMCIEC/ 35/2021	Dr. Dinesh. S, PG 1Yr Dr. Samir Bele Professor and Head, Dept. of Community Medicine	Effect of group-based diabetes self-management education on self-care, glycaemic control and quality of life among patients with type 2 Diabetes Mellitus: A Quasi-experimental study	Approved in current format

9-59mm 53  
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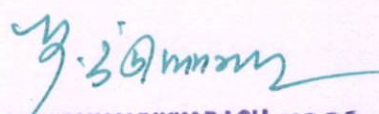




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20	VMCIEC/ 36/2021	Dr R Shaily, PG 1Yr Guide: Dr. Jhansi Charles Professor and Head, Dept. of Microbiology	Prevalence of rare fungal isolates in patients with head and neck infections by molecular techniques	Approved in current format
21	VMCIEC/ 37/2021	Prof. V.S. Vasantha (PI) Registrar, MKU DR. Sujin P Jose (Co- PI) DR. M. Jayalakshmi (Co-PI) Madurai Kamaraj University	Electrochemical and optical miniaturized Biosensors for detection of Food Toxins	Approved with suggested modificatio n (study should be observation al)
22	VMCIEC/ 38/2021	Dr. Selvaganesh Cardiologist VMCHRI, Madurai	Observational study to determine average resting Heart Rate in patients with Heart Failure with reduced Ejection Fraction (HRrEF): Real World Registry (Milestone Registry)	Approved in current format

4. The meeting concluded with vote of thanks to the chair.

  
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**VELAMMAL MEDICAL COLLEGE**  
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**IEC Meeting on 9<sup>th</sup> April 2021**

IEC - 24  
Date - 9/4/2021  
Venue - college board room 57  
Time - 2pm  
IEC - members

S-NO	NAME	DERIGNATION + DEPARTMENT	SIGNATURE
1.	Dr. Mohan Prasad Oncologist	Chairperson	
2.	Dr. Raj Kishore Mahato HOD + Prof. of Pharmacology	Member Secretary	
3.	Dr. K. Sasikala Asso. Prof. OBG	Member	
4.	Dr. Tripti Bodhare Prof. of Community Medicine	Member	
5.	Dr. K. Suganthi Prof. Biochemistry	Member	
6.	Dr. Sindhu S Asst. Prof. Pharmacology	Member	
7.	Mr. M Krishna Moorthy Advocate in District Court	Lawyer	
8.	Mrs. Oshalini Patraik	Social Scientist	U Patraik
9.	Mr. M. Murugesan	Lay person	





# VELAMMAL MEDICAL COLLEGE

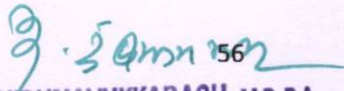
## HOSPITAL AND RESEARCH INSTITUTE

MADURAI - 625009

The 24<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Friday, 9<sup>th</sup> April 2021, in the **Medical College Board Room** between **2.00 pm and 4.00 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr Sindhu Sekar, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of Institutional Ethics Committee. The meeting agenda was unanimously approved. The Member-secretary read out the minutes of the previous meeting (23<sup>rd</sup> IEC meeting happened in two phases-22<sup>nd</sup> and 26<sup>th</sup> February 2021). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
3. **Discussion of Research Proposals:** A total of seventeen research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 17
  - Number of proposals approved with/without modifications: 15
  - Number of proposals Not approved and suggested to resubmit in next meeting: 2

  
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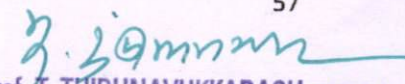


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Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/39/2021	Geetika Prasad, 2nd Yr MBBS Guide: Dr M Saravanan, Assoc Prof of Physiology	The influence of social media on sleep quality in medical students	Approved ICMR
2	VMCIEC/40/2021	Dr V Sriandal Asst Prof, Community Medicine	Utilization pattern of household latrine among residents of Madurai district-a cross-sectional study	Approved with suggested modification
3	VMCIEC/41/2021	Dr Sudhir Ben Nelson Assoc Prof, Community Medicine	Has Covid -19 disrupted vaccination among children below 2 years of age? A cross-sectional study in Madurai District	Approved
4	VMCIEC/42/2021	Dr Sudhir Ben Nelson Assoc Prof, Community Medicine	A cross-sectional study on impact of lockdown on the nutritional status of children who were beneficiaries of Anganwadis in Madurai District.	Approved
5	VMCIEC/43/2021	Dr.Balakumaran. B Post Graduate Guide: Dr.Samir Bele Professor Community Medicine	Health related quality of life and socioeconomic burden of diabetic foot ulcer among patients attending tertiary care hospital in south India	Approved
6	VMCIEC/44/2021	Dr P Niranjana Prabhakar	Thrombosis as a surrogate marker in	NOT approved

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		SR, Respiratory Medicine	sputum negative pulmonary tuberculosis	
7	VMCIEC/45/2021	Dr A Hariharan Assistant Prof of Biochemistry	Effects of various storage condition on selected biochemical analytes in plasma and serum samples	Approved
8	VMCIEC/46/2021	SR Sruthi Meenaxshi Post doc fellow in Echocardiography Guide: Dr P Shanmuga Sundaram	Assessment of Global LV strain with 2D speckle tracking echocardiography (STE) pre and post cardiac resynchronisation therapy (CRT) in patients with Left bundle branch block (LBBB)	Approved
9	VMCIEC/47/2021	Dr.U.Sridhurga Asst Professor of Paediatrics	Acute liver failure in children and risk factors associated with outcome	Approved
10	VMCIEC/48/2021	Dr.U.Sridhurga Asst Professor of Paediatrics	Clinical Profile of Traumatic Brain Injury In children - In a tertiary hospital in South India	Approved
11	VMCIEC/49/2021	Dr.R.Revathi Principal, VSCON	Reliability and Validity of R <sup>3</sup> Sleep Disturbance Assessment Scale (RSAS)	Approved with suggested modification
12	VMCIEC/50/2021	Dr P K Mohanty Vice Principal VMCHRI	Clinical performance evaluation ARKRAY POCT Analyzer (CRP: SD-3810, SD-3800, SD 9810) (Blood Ammonia: PA-4140)	Approved
13	VMCIEC/51/2021	Dr Raj Kishore Mahato	Radio Frequency Ablation (RFA) Performance	Approved

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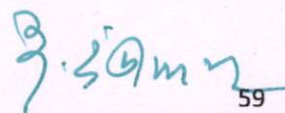




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		Prof of Pharmacology	Assessment - Tissue Testing Activities	
14	VMCIEC/52/2021	Dr. Sindhu S Asst Prof of Pharmacology	An observational study to assess Medication Errors in a Tertiary Care Teaching Hospital in South Tamil Nadu	Approved with suggested modification
15	VMCIEC/53/2021	Dr Raj Kishore Mahato Prof of Pharmacology	Communication Skill: Non-Tripod Pen Holding-Its Incidence and Effects on Academic Outcomes	Approved
16	VMCIEC/54/2021	Ms. S.M. Krithikalakshmi CRRI Guide: Dr. Lakshmi Durga Assistant Professor Department of Paediatrics	Post covid psychological impact on school going children	NOT approved
17	VMCIEC/55/2021	Dr K R Vijayabaskar Mithun Assistant Professor Dept of Pathology	Comparison of various prognostic histopathological parameters in untreated and post chemotherapy invasive breast carcinoma with tumour infiltrating immune cells density	Approved with suggested modification

4. The meeting concluded with vote of thanks to the chair.

  
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Prof. T. THIRUNAVUKKARASU, M.D., D.A.  
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**VELAMMAL MEDICAL COLLEGE**  
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**IEC Meeting on 27<sup>th</sup> August 2021**

DATE - 27/08/21  
VENUE - MEDICAL COLLEGE BOARD ROOM  
TIME - 2.00PM.

IEC - 25

IEC - member

S.NO	NAME	DESIGNATION & DEPARTMENT	SIGNATURE
1.	Dr. Mohan Prasad Oncologist	Chairperson.	
2.	Dr. Raj. Kishore Mahato HOD and Professor of pharmacology	Member Secretary	
3.	Dr. K. Sasikala Associate Prof. of OBG	Member.	
4.	Dr. Teupli Bedharu Prof. of Community medicine	Member	
5.	Dr. K. Suganthi Prof. Biochemistry	Member.	
6.	Dr. Sindha S Asst. Prof. Pharmacology	Member.	
7.	Mr. M. Krishna Moorthy Advocate in district Court.	Lawyer	
8.	Mr. Usha Rani Patnaik	Social Scientist	
9.	Mr. M. Murgesan	Lay person	





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 25<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Friday, **27<sup>th</sup> August 2021**, in the **Medical College Board Room** between **2.00 pm and 4.00 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr. Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr Sindhu Sekar, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of Institutional Ethics Committee. The meeting agenda was unanimously approved. The Member-secretary read out the minutes of the previous meeting (24<sup>th</sup> IEC meeting held on 9<sup>th</sup> April 2021). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
3. **Discussion of Research Proposals:** A total of twenty threeresearch proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 21
  - Number of proposals approved with/without modifications: 21
  - Number of proposals Not approved and suggested to resubmit in next meeting: Nil
  - Number of proposals Not discussed: 2

<sup>61</sup>  
Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
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Recommendations of the IEC for the presented research proposals are as given below:

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/56/2021	Mr. Rohit Paul Final year MBBS Guide: Dr. S. Anu Professor & Head of Physiology	Effect of Lung Specific Yoga Mudras on Pulmonary Function Tests in subjects with FEV1% predicted values less than 80%	Submitted modified copy; Approved
2	VMCIEC/57/2021	Dr. Srilekha Elango (CRRI) Guide: Dr. S. Yogaraj Associate Professor of Radiology	Accuracy of ultrasound estimation of fetal weight in correlation with actual birth weight	Submitted the modified proposal copy; Approved
3	VMCIEC/58/2021	Dr. S. Abarjitha CRRI Guide: Dr. AC. Arun, Gastroenterology	Etiological spectrum of acute pancreatitis in patients attending a tertiary care hospital in southern Part of India	Approved
4	VMCIEC/59/2021	Dr. Shunmuga Sundaram Ponnusamy Associate Professor of Cardiology	Prospective multicentre Indian Registry on Conduction system pacing for bradyarrhythmia and Heart failure (Funded)	Approved
5	VMCIEC/60/2021	Dr. Shunmuga Sundaram Ponnusamy Associate Professor of Cardiology	Anatomical localization of left bundle branch area pacing lead and correlation with LBB capture – Insights from computed tomographic contrast angiography imaging (Funded)	Approved
6	VMCIEC/61/2021	Dr. G. Vithiya, Associate Professor, Department of Microbiology,	Impact of conducting hand hygiene audit in covid-19 care locations of India—a large scale	Approved


  
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			national multicentric study (HHAC study)	
7	VMCIEC/62/2021	Dr G Vithiya, Associate Professor, Department of Microbiology,	Surveillance of multidrug resistance, extensively drug resistance and pandrug resistant organisms for healthcare facilities using automated AST system- A large scale national multicentric study (V-AMR study).	Approved
8	VMCIEC/63/2021	Dr K Srividhya Intern Guide: Dr.S.Anu Professor & Head Department of Physiology	A Comparative study of Pain Threshold in COVID & Post COVID 19 patients	Approved
9	VMCIEC/64/2021	Dr K Srividhya Intern Guide:Dr M Virgin Joena Head of the department, General Medicine	Clinical profile of Post Covid Mucormycosis	Approved
10	VMCIEC/65/2021	Dr. A.Hariharan, Assistant Professor, Department of Biochemistry	Role of Vitamin D concentration in severity and outcome in patients with COVID-19	Approved
11	VMCIEC/66/2021	DR.A.Hariharan, Assistant Professor, Department of Biochemistry	Comparison of various mortality and morbidity scoring system in COVID19 patients	Approved
12	VMCIEC/67/2021	Rohita S II M.B.B.S Guide: Dr.Chitra K S, Professor and Head, Department of Obstetrics and Gynaecology	A study comparing the effect of different exercises as a treatment method for PCOS associated metabolic syndrome	Approved

  
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13	VMCIEC/ 68/2021	Dr.K.R.VijayabaskerM ithun, Assistant Professor, Pathology	Comparison between red cell distribution width and red cell indices in prediction of anaemia among pregnant women	Approved
14	VMCIEC/ 69/2021	Anjali Rebecca Abraham IInd year MBBS Guide: Dr. V. Sriandaal Assistant Professor Department of Community Medicine	Prevalence of asymptomatic bacteriuria in middle aged and elderly women in a southern district of Tamil Nadu – a cross sectional study	Approved ICMR
15	VMCIEC/ 70/2021	Dr. Ramanathan. A, CRRI; Guide: Dr. K.N. Subramanian, Assistant Professor of Orthopaedics	Variations in surface temperature in joint replacement patients	Approved
16	VMCIEC/ 71/2021	Dr. Mamatha T Shenoy, Assistant Professor of Biochemistry	Peer Assisted Learning module in Biochemistry amongst undergraduate MBBS students	Approved
17	VMCIEC/ 72/2021	Dr. Mamatha T Shenoy, Assistant Professor of Biochemistry	Study of Non-invasive fibrosis scores with biochemical markers in metabolic dysfunction- associated fatty liver disease detected by ultrasonography	Approved
18	VMCIEC/ 73/2021	Dr Krishnaraj A. Guide: Dr Satish, Devadoss Multispeciality Hospital	Analysis of functional and radiological outcome of internal fixation of distal femur fracture	Approved
19	VMCIEC/ 74/2021	Dr K.Suganthi, Professor of Biochemistry	Attangaogam ( Ashtanga yoga) – Athanam(Asanas) and Pranayamam as a	Approved

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			healthy lifestyle practices for health professionals during COVID-19 pandemic – A perception study	
20	VMCIEC/75/2021	Dr K. Suganthi, Professor of Biochemistry	Attangaogam (Ashtanga yoga) – Athanam(Asanas) and Pranayamam as a therapeutic intervention in management of COVID-19 – An experience in a tertiary care hospital in south Tamilnadu	Approved
21	VMCIEC/76/2021	K.M. Madhu Varshinee, CRRI Guide: Dr. M. Subbiah, Professor, Dept. of Orthopaedics and Spine Surgery	Effect of Different Types of Anaesthetic techniques in Easing the Surgical Technique of Spine Surgeries from a Spine Surgeon's Perspective: A Prospective Randomized Study of 140 cases	Approved
22	VMCIEC/77/2021	Dr. Parineeta Suman, Professor of Anatomy	Anatomical Variations of Foramen Transversarium in Typical Cervical Vertebrae and Its Clinical Implications	Approved
23	VMCIEC/00/2021	Dr. S.P. Kausikan Post Graduate, 1 year MD (Physiology)/ Dr.S.Anu, Professor & Head Department of Physiology	Impact of COVID -19 on Nervous system	NOT presented

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65  
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24	VMCIEC/ 00/2021	Dr. A. Hariharan, Assistant Professor, Department of Biochemistry	Prevalence of Renal and hepatic dysfunction due to COVID 19 and its impact in the severity and outcome	NOT presented
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4. The meeting concluded with vote of thanks to the chair.

  
Prof. T. THIRUNAVUKKARASU, M.D., D.A.,  
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**IEC Meeting on 13<sup>th</sup> October 2021**

62

IEC - 26

IEC-members

Date : 13/10/21

Venue : MEDICAL COLLEGE BOARD ROOM

Time : 02:00 PM

S.NO.	NAME	DESIGNATION & DEPARTMENT	SIGNATURE
1)	Dr. Mohan Prasad Oncologist	Chairperson.	
2)	Dr. Raj Kishore Mahabo. HOD & professor of pharmacology	Member Secretary.	
3)	Dr. K. Sasi Kala. Associate Prof. of OBG.	Member.	
4)	Dr. Tazuli Badharu prof. of Community Medicine	Member.	ON LEAVE
5)	Dr. K. Suganthi prof. Biochemistry	Member.	K. Suganthi
6)	Dr. Sindhu S. Asst. Prof. pharmacology	Member.	
7)	Mr. M. Krishna moorthy Advocate in district court	Lawyer.	
8)	Mr. Usharani pattnaik	Social Scientist	U. Pattnaik
9)	Mr. M. Murugesan.	Lay person.	





# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 26<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Wednesday, 13<sup>th</sup> October 2021, in the **Medical College Board Room** between **2.00 pm and 4.00 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr K. Sasikala, Assistant Professor, Dept of Obstetrics and Gynaecology; Member (Clinician)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr Sindhu Sekar, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of Institutional Ethics Committee. The meeting agenda was unanimously approved. The Member-secretary read out the minutes of the previous meeting (25<sup>th</sup> IEC meeting held on 27<sup>th</sup> August 2021). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist) expressed her inability to attend the meeting before commencement of meeting.
3. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
4. **Discussion of Research Proposals:** A total of eighteen research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:

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Prof. T. THIRUNAVUKKARASU, M.D., D.A.  
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- Number of proposals discussed: 16
- Number of proposals approved with/without modifications: 16
- Number of proposals Not approved and suggested to resubmit in next meeting: Nil
- Number of proposals Not discussed: 2

**Recommendations of the IEC for the presented research proposals are as given below:**

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/78/2021	Dr.A Hariharan, Assistant Prof of Biochemistry	Prevalence of renal and hepatic dysfunction due to COVID 19 and its impact in the severity and outcome	Approved
2	VMCIEC/79/2021	Dr.V.Sriandaal Assistant Prof of Community Medicine	A cross sectional study on the quality of life among the elderly living in different social environments in Madurai	Approved
3	VMCIEC/80/2021	Dr.Nirosha.P Assistant Professor of Pediatrics,	Determinants of dietary practices and eating behavior among infants and toddlers	Approved
4	VMCIEC/81/2021	Dr.Nirosha.P Assistant Professor of Pediatrics,	Knowledge of postnatal mothers on essential newborn care in tertiary care hospital	Approved
5	VMCIEC/82/2021	Dr A Vibusudhan CRRI Guide: Dr K.N Subramanian of Orthopaedics	Outcome of Arthroscopic Stabilisation In Relation to Number of Shoulder Dislocations Prior to Intervention.	Approved

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*68-20mm*  
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6	VMCIEC/ 83/2021	Dr.T. Nevathitha PG(MD) Anaesthesia Guide: Dr.P Mageswari Professor of Anaesthesiology	Comparison of dexmedetomidine, clonidine and fentanyl as an adjuvant to intrathecal bupivacaine in lower limb surgery	Approved
7	VMCIEC/ 84/2021	Ms.S.Iswarya , CRR Guide: Dr.K.S.Chitra Prof and HOD, OBG	COVID in pregnancy- an overview'	Approved
8	VMCIEC/ 85/2021	Dr.P.Niranjana Prabha kar SR Respiratory Medicine Guide: Dr. V. Sriandaal Assistant Professor of Community Medicine	Hematological characters of patients with active pulmonary, extra pulmonary and disseminated tuberculosis	Approved
9	VMCIEC/ 86/2021	Dr.P.Niranjana Prabha kar, SR Respiratory Medicine Guide: Dr. V. Sriandaal Assistant Professor of Community Medicine	The Role of Biomarkers In Covid- 19	Approved
10	VMCIEC/ 87/2021	Dr Vidhya S Assistant Professor of Psychiatry	Prevalence of excessive screen time and its psychological effects among school children in madurai city during the covid pandemic	Approved
11	VMCIEC/ 88/2021	Dr.S.P.Kausikan	Impact of COVID -19 on Nervous system	Approved

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		Post Graduate, I year MD (Physiology) Guide: Dr.S.Anu Professor & Head of Physiology		
12	VMCIEC/ 89/2021	Dr K.Suganthy, Professor , Department of Biochemistry	Readiness among faculties for Self - directed Learning in Medical Education - A perception study	Approved
13	VMCIEC/ 90/2021	Dr.Naveen Raj R MD (PG) 1 <sup>st</sup> year Anaesthesiology Guide: Dr.T.Nirmala Devi, Professor of Anaesthesiology	A comparative study on pre operative nebulisation with ketamineand magnesium sulphate for prevention of post- operative sore throat	Approved
14	VMCIEC/ 91/2021	Dr.R.Ramji , MD (PG) First year Anaesthesiology Guide: Dr.P.Selvakumar Associate Professor of Anaesthesiology	The effect of intravenously administered dexmedetomidine different doses on hemodynamic response to intubation in patients undergoing surgery under general anesthesia	Approved
15	VMCIEC/ 92/2021	Dr.T.Dhivya MD (PG) First year Anaesthesiology Guide: Dr.Ramanarayanan, Assistant Professor, of anaesthesiology	Segmental spinal for laparoscopic surgeries - A Prospective study	Approved
16	VMCIEC/ 93/2021	Dr.T.Dhivya MD (PG) First year Anaesthesiology	Costoclavicular versus lateral sagittal approach for upper	Approved

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		Guide: Dr.S.C.GaneshPrabh u Prof and Head of Anaesthesiology	limb surgeries- A Prospective comparative study	
17	VMCIEC/ 00/2021	Dr.T. Nevathitha Guide: Dr.Arun Shankar Professor of Anaesthesiology	A comparison of intrathecal Dexmedtomidine, clonidine, and fentanyl as adjuvants to hyperbaric bupivacaine foe lower limb surgeries	Not accepted Not Approved
18	VMCIEC/ 00/2021	Dr Afzal A Sathar DNB Resident DevadossMultispeci aty Hospital, Madurai Guide: Dr Jayakumar	Functional and Radiological outcome of surgical management of thoracolumbar spine fractures	Not discussed as presenter was absent

5. The meeting concluded with vote of thanks to the chair.

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**IEC Meeting on 3<sup>rd</sup> March 2022**

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IEC - 2<sup>nd</sup>

IEC MEMBERS

Venue: Medical College Board room.

Time: 2.00 pm.

S.NO.	NAME & DESIGNATION	DESIGNATION & DEPARTMENT at IEC	SIGNATURE
1.	Dr. Mohan Prasad Oncologist	Chairperson	
2.	Dr. Rajkishore Mahata Prof & HOD, Pharmacology	Member Secretary	
3.	Dr. K. Sasikala Assoc. Prof of OBG	Member	ABSENT
4.	Dr. Trupti Bodhare Prof of C.M.	Member	 030322
5.	Dr. K. Suganthy Prof of Biochemistry	Member	K. Suganthy
6.	Mr. M. Krishna Moorthy Advocate District Court	Member, lawyer	
7.	Mr. M. Murugesan	Member, layperson	
8.	Mrs. Usha Rani Patnaik	Social Scientist	UPatnaik.
9.	Dr. Sindhu .S. Asst. Prof, Pharmacology	Member	
10.	Dr. J. Ramapriya Thanthi	Member (Coopted)	
11.	Dr. A.C. Arun	Member (Coopted)	






# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 27<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Thursday, 3<sup>rd</sup> March 2022, in the **Medical College Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr Sindhu Sekar, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mrs Usha Rani Patnaik, Retired Teacher; Member (Social Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Layperson representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of Institutional Ethics Committee. The meeting agenda was unanimously approved. The Member-secretary read out the minutes of the previous meeting (26<sup>th</sup> IEC meeting held on 13<sup>th</sup> October 2021). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. As Dr Sasikala K, Associate Professor, Dept of Obstetrics and Gynaecology; Member (Clinician) was absent in the meeting Dr A C Arun Gastroenterologist and Dr J Ramapridarshini Ophthalmologist were invited as co-opted member.
3. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
4. **Discussion of Research Proposals:** A total of twenty one research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 20
  - Number of proposals approved with/without modifications: 20
  - Number of proposals Not approved and suggested to resubmit in next meeting: Nil

  
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- Number of proposals Not discussed: 1

**Recommendations of the IEC for the presented research proposals are as given below:**

SL. No	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/01/2022	Dr K Srividhya CRRI Guide: Dr K.N Subramanian, Dept of Orthopaedics	Will thromboprophylaxis increase the incidence of osteoarthritis?	Approved
2	VMCIEC/02/2022	Dr B Ganga, JR Guide: Dr A C Arun, Dept of Gastroenterology	A study to assess the clinical profile of newly diagnosed colorectal carcinoma cases in Tamil Nādu	Approved
3	VMCIEC/03/2022	Dr. K. Haritha, CRRI Guide: Dr A C Arun, Dept of Gastroenterology	Analysis of factors predicting the disease severity in patients with inflammatory bowel disease	Approved
4	VMCIEC/04/2022	Ms S. Iswarya, CRRI Guide: Dr A C Arun, Dept of Gastroenterology	Dr. R. Ramji, PG (2 <sup>nd</sup> Yr) Propo1 Guide: Dr.Renganathan, Dept of Anaesthesiology	Approved
5	VMCIEC/05/2022	Dr A. Janani, Assistant Professor, Dept of Forensic Medicine	Survey Among Medical Students on E – Learning: A Cross Sectional Study	Approved
6	VMCIEC/06/2022	Dr. R. Ramji, PG (2 <sup>nd</sup> Yr) Proposal1	Effects of four different positive	Approved

6<sup>th</sup> 9-20mn 12<sup>th</sup>  
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		Guide: Dr.Renganathan, Dept of Anaesthesiology	airway pressures on right internal jugular vein catheterisation	
7	VMCIEC/07 /2022	Dr. R. Ramji, PG (2 <sup>nd</sup> Yr) Proposal 2 Guide: Dr. P Selvakumar, Dept of Anaesthesiology	Effect of varying time intervals between fentanyl and propofol administration on propofol requirement for induction of general anaesthesia	Approved
8	VMCIEC/08 /2022	Dr. J. Ramapriyadharshini, Assistant professor, Dept of ophthalmology	A case series of patients presenting with ocular manifestations due to covid related mucormycotic	Approved
9	VMCIEC/09 /2022	Dr K Srividhya, CRR Guide: Dr N Subramanian, Rheumatologist, GM	Systemic lupus erythematosus: correlation between serology and clinical manifestation	Approved
10	VMCIEC/10 /2022	Ms Swathi Balasubramanian, 3rd Year MBBS Guide: Dr N Subramanian, Rheumatologist, GM	Cardiopulmonary manifestation in Systemic Lupus Erythematosus patients	Approved
11	VMCIEC/11 /2022	Dr. K.Lango, HOD of Ophthalmology Proposal-1	To find the changes in blindness causes in children and identify low vision children from totally blind and provide appropriate intervention	Approved

  
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12	VMCIEC/12/2022	Dr. K.ILango, HOD of Ophthalmology Proposal-2	Effectiveness of direct observation of procedural skill as an assessment tool for digital tonometry for ophthalmology students	Approved
13	VMCIEC/13/2022	Dr B. Balakumaran PG (2 <sup>nd</sup> Yr CM) (Proposal-1) Guide: Dr. Shankarprasath, DDHS	Assessment of present glycaemic status of gestational diabetes mellitus mothers diagnosed between 2014-2020 in rural Madurai - A cross sectional study	Approved
14	VMCIEC/14/2022	Dr B. Balakumaran PG (2 <sup>nd</sup> Yr CM) (Proposal-2) Guide: Dr Sriandaal Assistant Professor Department of community	Stress, Anxiety and Burnout among Community health workers in rural Madurai: A cross sectional study	Approved
15	VMCIEC/15/2022	Dr. P. Niranjan Prabhakar/Dr C Ramesh (HOD) Department of Respiratory medicine	Evaluation of PFT (Spirometry) in Post treated cases of Pulmonary TB- a retrospective study)	Approved
16	VMCIEC/16/2022	Dr. Dinesh.S, PG (2 <sup>nd</sup> Yr CM) (Proposal-1) Guide: Dr Sriandaal Assistant Professor, Department of community	A Cross sectional study to assess the status of blood pressure in previously diagnosed Pregnancy induced hypertension	Approved

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			mothers in between the year of 2014 to 2020 in rural areas of Madurai district.	
17	VMCIEC/17/2022	Dr. Dinesh.S, PG (2 <sup>nd</sup> Yr CM) (Proposal-2) Guide: Dr.Shankar, DDHS	A Cross sectional study to assess the prevalence of Digital eye strain among MBBS students of VMCH&RI, Madurai	Approved
18	VMCIEC/18/2022	Dr. Naveen Raj R, PG (2 <sup>nd</sup> Yr) Guide: Dr. Renganathan, Dept of Anaesthesiology	Comparison of erector spinae plane block and local anaesthetic infiltration of the incision site with 0.375% ropivacaine for postoperative analgesia in percutaneous nephrolithotomy	Approved
19	VMCIEC/19/2022	Dr Afsal A Sathar, DNB Resident, Devadoss Multispeciality Hospital, Madurai Guide: Dr Jayakumar	Functional and radiological outcome of surgical management of thoracolumbar spine fracture.	Approved
20	VMCIEC/20/2022	Dr P Shunmuga Sundaram, Dept of Cardiology	Magnetic resonance imaging based Dual lead cardiac resynchronization therapy: A prospective study on left bundle branch pacing	Approved

*G. S. Srinivasan*  
Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,  
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			(MADURAI LBBP study)	
21	VMCIEC/00/2022	Dr Gokul Kumar, PG Ortho Guide: Dr V Ravi Raman, HOD of Ortho	Does ultrasound assessment of anatomic variation of first extensor compartment guide in deQuervain's release	Not discussed as presenter was absent

5. The meeting concluded with vote of thanks to the chair.

Prof. T. THIRUNAVUKKARASU, M.D., D.A.,  
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**IEC Meeting on 22<sup>nd</sup> June 2022**

63 IEC-28		Date:- 22/06/2022	
IEC-MEMBER		Venue:- Medical College Board room	
		Time:- 2pm	
SNO	NAME & DESIGNATION	DESIGNATION at IEC	SIGNATURE
1	Dr. Mohan Prasad Oncologist	Chairperson	
2	Dr. Rajkishore Mahab Prof. HOP, Pharmacology	Member Secretary	
3	Dr. K. Sasikala Assoc. Prof of OBG	Member	
4	Dr. Trupti Bodhare Prof of CM	Member	
5	Dr. K. Suganthi Prof of Biochemistry	Member	
6	Dr. Sindhu Sekar Asst. Prof, Pharmacology	Member	
7	Mr. M. Murugesan	Member, layperson	
8	Ms. M. Krishna Moorthy	Member, lawyer	
9	Mrs. Urha Rani Patnaik	Social Scientist	
10	Dr S. Pookamala	AP - BNT	



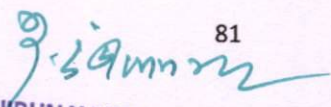


# VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

The 28<sup>th</sup> meeting of the Institutional Ethics Committee (IEC) of VMCHRI was organised on Wednesday, 22<sup>nd</sup> June 2022, in the **Medical College Board Room** between **2.00 pm and 4.30 pm**. The meeting was chaired by Dr BKC Mohan Prasad, Oncologist, Mohan's Medicity Hospital, Madurai, and was attended by:

- Dr Raj Kishore Mahato, Professor and Head, Dept of Pharmacology, VMCHRI; Member-secretary
- Dr Trupti Bodhare, Professor, Dept of Community Medicine; Member (Basic Medical Scientist)
- Dr. K Suganthi, Professor, Dept of Biochemistry; Member (Basic Medical Scientist)
- Dr Sindhu Sekar, Assistant Professor, Dept of Pharmacology; Member (Basic Medical Scientist)
- Mr M Krishnamoorthy, Lawyer; Member (Lawyer)
- Mr M Murugesan, Lecturer of English; Member (Lay person representative)

1. The Chairperson-Dr BKC Mohan Prasad welcomed the members of Institutional Ethics Committee. The meeting agenda was unanimously approved. The Member-secretary read out the minutes of the previous meeting (27<sup>th</sup> IEC meeting held on 3<sup>rd</sup> March 2022). All the suggestions and resolutions passed during the previous meeting were accepted without any objection.
2. As Dr Sasikala K, Associate Professor, Dept of Obstetrics and Gynaecology; Member (Clinician) was absent in the meeting. Dr. Pookamala ENT surgeon was invited as co-opted member.
3. Mrs Usha Rani Patnaik, Member (Social Scientist) did not attend the meeting with prior intimation.
4. The meeting commenced and all the non-members who submitted their research proposals were made to wait in the waiting room.
5. **Discussion of Research Proposals:** A total of twenty 25 research proposals were submitted to the IEC for approval. After deliberation, the following decisions were arrived at:
  - Number of proposals discussed: 23
  - Number of proposals approved with/without modifications: 22

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Prof. T. THIRUNAVUKKARASU, M.D., D.A.,  
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- Number of proposals Not approved and suggested to resubmit in next meeting: 01
- Number of proposals Not discussed: 2

**Recommendations of the IEC for the presented research proposals are as given below:**

SL. No.	Ref No	Principal Investigator, Guide	Title of Research Project	Recommendations
1	VMCIEC/21/2022	Dr N Subramanian, Rheumatologist VMCHRI, Madurai-09	A multicentric audit of the current treatment practices among Indian rheumatologists for early axial spondyloarthritis (AxSpA) and their short-term (6-month) outcome	Approved
2	VMCIEC/22/2022	Dr.KrithikaVarshini.M Final year Post Graduate; Guide: Dr. Vithiya Ganesan Associate professor of Microbiology	Bacteriological profile and Antibigram of surgical site infections in a tertiary care hospital	Approved
3	VMCIEC/23/2022	Dr.Monishaa C 3 <sup>rd</sup> Year PG Pathology; Guide:Dr.Eniya S, Assistant Professor of Pathology-Proposal1	Histopathological spectrum of central nervous system tumors in tertiary care institute	Approved
4	VMCIEC/24/2022	Dr.Monishaa C 3 <sup>rd</sup> YearPG Pathology; Guide:Dr.Eniya S, Assistant Professor of	Fine-needle aspiration cytopathology of salivary gland lesions using the milan system for reporting of salivary gland	Not Approved Standardization? Make it

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		Pathology- Proposal2	pathology with histopathology correlation	prospectiv e
5	VMCIEC/2 5/2022	Dr.Shaily.R 2ndyear PG Microbiology Guide: Dr. Vithiya Ganesan Associate professor of Microbiology	Candidal blood stream infection:Epidemiology and antifungal susceptibility in a tertiary care hospital	Approved
6	VMCIEC/2 6/2022	Dr. R. Asothai Assistant Professor of Biochemistry	Method verification of thyroid hormone assay by Electrochemiluminescenc e	Approved
7	VMCIEC/2 7/2022	Dr. Gokul Kumar J PG Orthopaedics; Guide: Dr. V.Ravi Raman Professor & HOD of Orthopedics	Does ultrasound assessment of anatomic variation of first extensor compartment guide in deQuervain's release?	Approved
8	VMCIEC/2 8/2022	Ms Advaita Ashwath, Final Year MBBS; Guides: Dr Jenish Rajma, Associate Professors, of Pediatrics	Clinical Profile of Autoimmune Diseases in Paediatric Age Group - A Retrospective Observational study	Approved
9	VMCIEC/2 9/2022	Dr A Janani, Assistant Professor of Forensic Medicine	Correlation and comparison of lip prints and fingerprints with blood groups of medical students: A cross sectional study	Approved
10	VMCIEC/3 0/2022	Dr.Fayaz basha S, PG	Retrospective analysis of microbial spectrum and	Approved

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		Microbiology; Guide: Dr T Rajendran Prof and HOD of Microbiology	antimicrobial resistant pattern in pathogens isolated from a Multispecialty Hospital	
11	VMCIEC/3 1/2022	Dr.U.Sridhurga Asst Professor Dept of Paediatrics	Safety and efficacy of citrate based CRRT in liver failure	Approved
12	VMCIEC/3 2/2022	Dr. Muthu Meera R, Assistant Professor, Department of Pharmacology	A retrospective study on antibiotic susceptibility pattern of multi-drug resistant Gram-negative bacteria isolated from blood culture in a tertiary care hospital in South India	Approved
13	VMCIEC/3 3/2022	Ms Niranjana Krishnakumar II MBBS; Guide: Dr Mamatha T Shenoy, Associate Professor of Biochemistry	Association Of Vitamin D Status With Premenstrual Syndrome And Blood Pressure Variation In Luteal Phase Among Students Of A Tertiary Care Institute: A Prospective Study	Approved (ICMR)
14	VMCIEC/3 4/2022	Dr. Viveka M, SR Dr. K. Suganthi Prof of Biochemistry	Plasma Ammonia Assay – Experience in a Diagnostic Laboratory in Tertiary Care Hospital.	Approved
15	VMCIEC/3 5/2022	Ms. Afrah Abdul Malick Guide: Dr. Viveka M, SR Dr. K. Suganthi Prof of Biochemistry	Study of Serum HDL Cholesterol and Triglycerides – Simple Routine Biochemical Parameters to Predict the Prognosis of Sepsis	Approved (ICMR)
16	VMCIEC/3 6/2022	Ms Vaishnavi .N.B, I M.B.B.S;	Comparison of serum and salivary urea and creatinine in pre dialysis	Approved (ICMR)

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		Guide: Dr. A. Hariharan Assistant Prof of Biochemistry	and post dialysis patients – A Case control Study	
17	VMCIEC/3 7/2022	Dr. R. Siva Ganesa Karthikeyan Assistant Professor, Research and Development	Molecular Epidemiology, Antifungal resistant profile and genome analysis of fungal pathogens causing invasive and non-invasive infections	Approved (Funded)
18	VMCIEC/3 8/2022	Dr. R. Haribalaganes, Assistant Professor, Research and Development Centre	Genome-wide miRNA Expression analysis to Understand Disease Pathogenesis and Exploring Potential Biomarkers for Rheumatoid Arthritis	Approved (Funded)
19	VMCIEC/3 9/2022	Ms Rajaharini Sivakumar; Guide: Dr Pradipta Kumar Mohanty, Prof of Biochemistry	Study of clinical, proteome and haematological profiling among medical Graduate: Post-acute sequelae of SARS-CoV-2 infection	Absent (Not Presented)
20	VMCIEC/4 0/2022	Dr.T.Dhivya, Final year PG, Anaesthesiology ; Guide: Dr. S.C.Ganesh Prabhu HOD of Anaesthesiology	Effect of low dose dexmedetomidine on postoperative gastrointestinal recovery in off pump cardiac surgery patients	Not Approved
21	VMCIEC/4 1/2022	Dr.T. Nevathitha, Third year PG Anaesthesiology ;	Comparison of effect of carbetocin and oxytocin in caesarean section	Approved

  
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		Guide: Dr.Arunshankar MD,Assistant Professor, Department of Anaesthesiology		
22	VMCIEC/4 2/2022	Ms. Gomathy Thejashvini R I MBBS; Guide: Dr K Suganthi, Professor of Biochemistry	A study of clinical, metabolic, inflammatory profile with eGDR and Triglycerides-glucose (TyG) index for predicting complications in type II diabetes mellitus	Absent (Not Presented)
23	VMCIEC/4 3/2022	Dr Monisha K 1 <sup>st</sup> Yr PG Anaesthesiology ; Guide; Dr R Lavanya, Assistant Professor of Anaesthesiology	Comparison of effect of dexmedetomidine added to 2% lignocaine with adrenaline for mucosal infiltration on haemodynamic changes, blood loss and additional requirement of anaesthetics with placebo in functional endoscopic sinus surgery	Approved
24	VMCIEC/4 4/2022	Dr Sindhu S Assistant Prof of Pharmacology	Evaluation of a student orientation program in influencing student perceptions and attitude towards Pharmacology at a Medical College in south Tamil Nadu	Approved
25	VMCIEC/4 5/2022	Dr Dilip Vijay Assistant Professor of Anaesthesiology	Effect of pre-operative cardiac consultation on perioperative anaesthetic management.	Approved

6. The meeting concluded with vote of thanks to the chair

  
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