

DEPARTMENT OF PHARMACOLOGY, THANJAVUR MEDICAL COLLEGE

1. About us:

The Department of Pharmacology at Thanjavur Medical College is a core specialty within the medical sciences, focusing on imparting comprehensive knowledge and skills related to drug discovery, development, administration, pharmacokinetics, pharmacodynamics, and the safe, rational use and prescribing of drugs in clinical practice. This education is provided to healthcare professional students from both medical and paramedical specialties.

Our department is supported by dedicated and passionate faculty who are committed to excellence in teaching. Students benefit from a variety of innovative teaching methodologies, including integrated and team teaching, group discussions, and problem-based learning. Role plays and debates are also employed to enhance student engagement and interest in the subject matter.

In addition to teaching, our faculty serves as mentors for medical and paramedical students, guiding projects such as the ICMR-STs. They are dedicated to fostering a dynamic and evolving scientific environment. Our well-equipped facilities, including state-of-the-art demonstration rooms with high-quality audio-visual aids, research laboratories, and experimental labs, support both teaching and research activities.

The department also contributes its clinical expertise in medication safety and pharmacovigilance services at Thanjavur Medical College, including the reporting of adverse drug reactions. Our faculty members have published research in national and international indexed journals.

One of the department's annual highlights is the organization of a workshop on research methodology, demonstrating our commitment to continuous education and research excellence.

2. Department academics:

1. MBBS:

- a. Students - 150 students per year
- b. Class schedule
 - i. theory (Lecture and small group discussion) – Mon: 1.30-2.30 p.m, Wednesday 2.30 – 3.30 p.m, Friday 1.30 – 2.30 p.m
 - ii. Practicals, case based learning, mentor sessions, formative assessments: 3.30 – 5p.m (Mon to Wednesday)
 - iii. Vertical integration class for first year, prefinal year and final years

2. B.Sc Technician courses:

- a. Students – 40 in B.Sc first year; 80 in B.sc Second year
- b. Class schedule:
 - i. Theory and practicals – Wednesday (3.30 – 4.30 p.m) and Saturday (1.30 – 2.30 p.m)

3. Infrastructure

- c. Lecture halls – 1 (250 seats) shared with other II year departments
- d. Demo rooms - 1(75 seats)
- e. Museum – 1 (201 samples/charts, 16 models)
- f. Library – 1
- g. Audio-visual equipment available
- h. Computer assisted learning lab (15 computers)

4. Faculty details: (Provide the details of the faculty as shown in NMC in the following format)

S. No	Name	Designation	Qualification	TNMC registration number	email ID	Photo (paste photo copy in this box)
1	Dr. M. Naiyna Mohamed M.D.,	Professor and Head	M.D. Pharmacology	68159	saitefarook@gmail.com	
2	Dr. C. Vinothkumar M.D.,	Associate Professor	M.D. Pharmacology	71991	vinothcdr@gmail.com	
3	Dr. L. Mageshwaran M.D.,	Assistant Professor	M.D. Pharmacology	89711	waranmagesh87@gmail.com	

4	Dr. A. Jegan M.D.,	Assistant Professor	M.D. Pharmacology	64994	jeganarok@gmail.com	
5	Dr. P. Elavarasi M.D.,	Tutor	M.D. Pharmacology	93633	drelavarsip@gmail.com	
6	Dr. T. Sudhananthini M.D.,	Tutor	M.D. Pharmacology	71367	snandhinidr@gmail.com	
7	Dr. G. Chinthana M.D.,	Tutor	M.D. Pharmacology	76088	chinbala2006@gmail.com	

5. Publication details by the faculty

S. No	Name	Designation	Title	Journal name	Month year of publication	Order of author	Type of article
1	Dr. M. Naiyna Mohamed M.D.,	Professor and Head	Study of acute and subacute toxicity of Pala indigo (Wrightia tinctoria) in animal models	Global Journal of Research analysis	March 2019	first	Original research
2	Dr. M. Naiyna Mohamed M.D.,	Professor and Head	Serum HsCRP as a predictor of cardiovascular disease in chronic kidney disease	Global Journal of Research analysis	March 2019	first	Original research
3	Dr. M. Naiyna Mohamed M.D	Professor and Head	The effect of Wrightia tinctoria leaves on CCL-4 induced hepatotoxicity	Research Journal of Pharmaceutical, biological and chemical science	August 2019	First	Original research
4	Dr. M. Naiyna Mohamed M.D	Professor and Head	The effect of Wrightia tinctoria leaves on behavioral health	International Journal of research in pharmacology and pharmacotherapeutics	April 2019	First	Original research
5	Dr. C. Vinothkumar M.D.,	Associate Professor	Adverse effect monitoring of amlodipine in a tertiary care hospital	International Journal of basic and clinical pharmacology	June 2018	Corresponding	Original research
6	Dr. C. Vinothkumar M.D.,	Associate Professor	Comparative study of adverse drug reaction pattern of two antiasthma groups of drugs in a tertiary care centre	International Journal of basic and clinical pharmacology	April 2019	Corresponding	Original research
7	Dr. C. Vinothkumar M.D.,	Associate Professor	Efficacy and Cardiovascular Safety of Remdesivir in COVID-19: A Case-Control Study	Journal of Young Pharmacist	December 2023	Second author	Original research

8	Dr. L. Mageshwaran M.D.,	Assistant Professor	Action of clesitanthins A and B in alpha adrenoceptors in rats	Journal of Young Pharmacist	September 2016	First author	Original research
9	Dr. L. Mageshwaran M.D.,	Assistant Professor	Effect of negatively framed MCQs in medical education	World journal of Pharmaceutical research	March 2019	First author	Original research
10	Dr. L. Mageshwaran M.D.,	Assistant Professor	Knowledge attitude and practice of bioethics among interns in tertiary care hospitals	World journal of pharmaceutical research	February 2022	First author	Original research
11	Dr. L. Mageshwaran M.D.,	Assistant Professor	Efficacy and Cardiovascular Safety of Remdesivir in COVID-19: A Case-Control Study	Journal of Young Pharmacist	December 2023	Second author	Original research
12	Dr. A. Jegan M.D.,	Assistant Professor	Effect of pitavastatin in patients with active rheumatoid arthritis treated at a tertiary care centre	International journal of scientific study	December 2019	Corresponding author	Original research
13	Dr. A. Jegan M.D.,	Assistant Professor	Prevalence of vitamin D deficiency and its effects on the glycemic control and lipid profile among type-2 diabetes mellitus patients in a tertiary care centre	International journal of scientific study	December 2019	First author	Original research
14	Dr. P. Elavarasi M.D.,	Tutor	Efficacy and safety of ivabradine as an add-on to atenolol in patients with chronic stable ischemic heart disease	International journal of basic and clinical pharmacology	December 2016	First author	Original research
15	Dr. P. Elavarasi M.D.,	Tutor	Efficacy and safety of ivabradine in patient with chronic stable heart failure	World journal of pharmaceutical research	November 2016	First author	Original research
16	Dr. T. Sudhananthini M.D.,	Tutor	Effect of pitavastatin in patients with active rheumatoid arthritis treated at a tertiary care centre	International journal of scientific study	December 2019	First author	Original research

17	Dr. T. Sudhananthini M.D.,	Tutor	Prevalence of vitamin D deficiency and its effects on the glycemic control and lipid profile among type-2 diabetes mellitus patients in a tertiary care centre	International journal of scientific study	December 2019	Corresponding author	Original research
18	Dr. G. Chinthana M.D.,	Tutor	Comparative study of efficacy and safety of myoinositol versus metformin in women with PCOS	World journal of pharmaceutical research	Feb 2019	First author	Original research
19	Dr. G. Chinthana M.D.,	Tutor	Improved prediction of dengue outbreak using combinatorial feature selector and classifier based on entropy weighted score based optimal ranking	Informatics in medicine unlocked	july 2020	Third author	Original research

6. CME/workshop details

S. No	Department	Title of CME/Workshop	Date of CME	TNMC accreditation points	TNMGRMU accreditation points	other accreditation
1	Pharmacology	Pharmacovigilance – Need of the Hour	17.11.2016	Not applied	10 points	--
2	Pharmacology	Statin 360	21.11.2019	Not applied	10 points	--
3	Pharmacology	Research Methodology	04.06.2022 & 05.06.2022	4 hours	20 points	--
4	Pharmacology	Biomedical Research: From theory to practice	25.11.2023 & 26.11.2023	4 hours	20 points	--

7. Awards and achievement by department and faculty:

- Best doctor/Teacher certificate (by the administration, Thanjavur Medical College)
 - Dr. C. Vinothkumar 15.08.2023
 - Dr. L. Mageshwaran 15.08.2018
 - Dr. A. Jegan 26.01.2017
 - Dr. P. Elavarasi 26.01.2024
 - Dr. T. Sudhananthini 26.01.2018
 - Dr. G. Chinthana 26.01.2024
- Dr. L. Mageshwaran, Assistant Professor of Pharmacology is one of the editors of “Introduction of basics of Pharmacology and toxicology –Volume 3 published internationally by Springer limited. He has authored 28 chapters in various volumes of this textbook.
- Dr. P. Elavarasi, Assistant Professor of Pharmacology has authored 2 chapters in volume 1 and Volume 2 of Introduction of basics of Pharmacology and toxicology –Volume 3 published internationally by Springer limited.