

INDIRA GANDHI MEDICAL COLLEGE & RESEARCH INSTITUTE

(A Government of Puducherry Institution)



BULLETIN 2010 - 2015



Indira Gandhi Medical College & Research Institute
Vazhudavur Road, Kathirkamam,
Puducherry 605009.

www.igmcricom



GIRLS' HOSTEL



BOYS' HOSTEL



MESS BLOCK



AUTOPSY BLOCK



COLLEGE BLOCK



CENTRAL LIBRARY

ACKNOWLEDGEMENTS TO THE HONORABLE CHIEF MINISTER



Thiru. N. RANGASAMY B.Com, B. L.
Honorable Chief Minister, Puducherry
Chairman
Perunthalaivar Kamaraj Medical College Society





MESSAGE

It gives me immense pleasure to know that Indira Gandhi Medical College & Research Institute, (IGMC & RI) Puducherry is releasing its first Bulletin comprising the achievements over the last five years from 2010-2014.

Over the past 5 years exorbitant development has been witnessed in IGMC & RI involving both infrastructural and academic pursuit.

The Institute excels in providing a quality education to the MBBS students. Five batches of MBBS students, each with 150 students have been enrolled and the first batch has successfully completed the course under the able guidance of experienced and competent faculty. I also understand that, various activities like Conferences, Workshops and Health awareness events have been organized from time to time.

The hospital functions as a tertiary level health center providing a quality health care to thousands of patients. The hospital is well equipped to provide out-patient, in-patient services and also provides round the clock emergency services.

Apart from academic and patient care services, various research activities have also been pursued.

This juncture, when the Institute has evolved in the spheres of education, patient care and research, would be the apt moment to look back at the accomplishments over the past 5 years. I applaud the Director, the Dean, the Medical Superintendent and the faculties to have seeded the idea of releasing the Bulletin of IGMC & RI.

I appreciate Prof. Nitin John, Chief Editor for the Bulletin of IGMC & RI and his team who have put in enormous efforts to bring out this first issue of the bulletin of IGMC & RI.

I congratulate the Director, the Dean, the Medical Superintendent, the faculties and the non-teaching staff and extend my best wishes for the successful release of the Bulletin.


(N. RANGASAMY)

MESSAGE FROM HEALTH SECRETARY, PUDUCHERRY

Dr. **V. CANDAVELOU**, I.A.S.
Commissioner-cum-Secretary(Health)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
Telefax: 0413-2334484
0413-2233306
e-mail : secytran.pon@nic.in

Date : 29.06.2015.....



MESSAGE

I am happy to know that IGMC&RI is on a new endeavor of launching its first Medical Bulletin covering various developments that has taken place in the Institute over the past 5 years.

IGMC&RI, though a budding Institution, has made steady progress in the fields of academics, clinical practice and research. The documentation of these developments through a Medical Bulletin offers a good platform to the students and faculty members to showcase and exchange their experiences and findings, which in turn serves to broaden the understanding of the subject and in improving professional skills.

I am confident that the Institute with its team of competent faculty and dedicated physicians would enrich the Bulletin by regular intellectual contributions, in addition to excellent teaching, training and patient care.

My congratulations and best wishes to the Director of the Institute, enthusiastic team of faculty and the students, for their efforts and contributions in shaping up this bulletin and the successful editions going to be rolled in the future.


29/06/15
(Dr. V.CANDAVELOU)

MESSAGE FROM DIRECTOR OF MEDICAL SERVICES, PUDUCHERRY



GOVERNMENT OF PUDUCHERRY

DEPARTMENT OF HEALTH AND FAMILY WELFARE SERVICES

Dr. K.V. RAMAN, M.B.,B.S., D.T.C.D., D.N.B.

DIRECTOR

Health Directorate Complex

Victor Simonel Street, Puducherry-605 001

Date : 22-6-2015



MESSAGE

I am immensely pleased to learn that Indira Gandhi Govt. Medical College & Research Institute, Puducherry is bringing out a Medical Bulletin. By this facility we have also been able to fulfill the long-felt aspiration of the medical community in this Union Territory. Surely, this is a milestone in the history of the Institute.

The Institute with necessary infrastructural facilities to function within such a short time is praise worthy. I am sure, this Institute will maintain good standards in imparting Medical Education and will grow from strength to strength and the students coming out of this Institute will be assets to the Community.

At this juncture, I extend my warm greetings and best wishes to the Director and the Editorial Board members who have put in their best efforts to launch the first commemorative Medical Bulletin of IGMC &RI.

(Dr. K.V. RAMAN)

MESSAGE FROM THE DIRECTOR

Dr. V. Govindaraj

Director,

IGMC & RI



Indira Gandhi Medical College & Research Institute, Puducherry was established in 2010 with the prime objective of providing value based education and health services. Thereby, we address society for quality health care professionals. The Institute is not only an excellent ‘Center of Learning’ but is also known for its delivery of quality patient care services. The main motto of the Institute is Care, Concern and Commitment to the patients. We aim to be a centre of excellence in the practice of medicine. We prepare our enthusiastic and talented young men and women to play a key role at the forefront of their chosen profession through technical knowledge acquired from vastly experienced and dedicated staff. The Institution since its inception, has garnered tremendous amount of goodwill from the public for its effort in reaching and helping the needy segment of the population which is reflected in its unprecedented growth statistics.

The bulletin enlightens the developments and growth of our Institute for the past 5 years. I congratulate the Executive Editor Dr. N. A. John, Editorial Board members and in house Faculty members of the Department of Physiology for their tiring efforts in bringing out the Bulletin.

A handwritten signature in black ink, appearing to read 'Govindaraj', written in a cursive style.

(Dr. V. Govindaraj)

MESSAGE FROM THE DEAN

Dr. G. Sivagnanam

Dean,

IGMC & RI



Welcome to Indira Gandhi Medical College & Research Institute (IGMC & RI), Puducherry!

By default, Indira Gandhi Medical College is in an enviable position to capture the cream among the school leaving pupils of the state. In the journey towards the end product as excellent clinicians, the students of our Institute are taught by deeply committed faculty. I am proud and feel fortunate to be part of a nascent institution, with diverse community of faculty and students, with an ultimate objective to improve the lives of others.

I wish and hope that a sojourn through Indira Gandhi Medical College & Research Institute provides an educational experience that will prepare the students for a career in academics, research, or clinical practice that will provide lifelong fulfillment.

With a sense of gratitude to the Government of Puducherry, which provides a tuition feeless professional education, the future physicians of this Institute may think of repaying the public in some plausible way(s) - This I shall leave to the higher order thinking of the present generation students who are to transform as Alumni.

I pray the Almighty to guide all of us to do everything towards earning a name of excellence for our Institute towards amalgamating the finest clinicians. I wish to congratulate Prof Nitin John and his team who have put in enormous efforts to bring out this first issue of the bulletin of IGMC & RI.

A handwritten signature in black ink, appearing to read 'G. Sivagnanam', written in a cursive style.

(Dr. G. Sivagnanam)

MESSAGE FROM THE PROJECT MANAGER

Er. S. Manohar, B.E. (Hons), F.I.E.

Project Manager



The Indira Gandhi Medical College & Research Institute campus has come up in a very nice manner with good infrastructure and attractive buildings in an area of about 35 acres and is situated very close to the town. Some more infrastructures like laying of good internal roads, street lighting, parking, sewage system, fire fighting and constructions of quarters for doctors, nurses and other para-medical staff are planned to be taken up in this year. With all these provisions, we hope that the Hospital and Institution will become a state of the art and notable in the country.

A handwritten signature in black ink, which appears to read 'S. Manohar'.

(Er. S. Manohar)

FROM THE EDITOR'S DESK

Dr. N. A. John

Executive Editor,

Professor & Head,

Department of Physiology, IGMC & RI



“Coming together is a beginning, keeping together is progress and working together is success”

- Henry Ford

While I pen down my thoughts, I feel privileged to be the Executive Editor of the first Bulletin of our College. I express my heartfelt gratitude to our Director, Dr. V. Govindaraj to have conferred on me this responsibility.

Indira Gandhi Medical College & Research Institute, since the day of its inception has been making a steady progress, in the field of Education, Patient care and Research. Today, our college stands as a pinnacle with proficient faculty where the creamy layer students of Pondicherry compete to get enrolled. I would like to thank our Chief Minister, Thiru. N. Rangasamy, for his unfathomable support in building the infrastructure of our hospital to enable essential and effective patient care.

Though my name appears as the Executive Editor of this Bulletin, a great many people have been behind this task and I take this opportunity with immense pleasure to place on record my heartfelt thanks to all my resources.

I would like to thank the Director, Dr. V. Govindaraj and the Dean, Dr. G. Sivagnanam for their constant encouragement. I would also like to thank my Editorial Board members Dr

Nandita Banaji, HOD Microbiology, Dr. A. Bupathy, HOD Obstetrics & Gynaecology, Dr S. Aruna, HOD Anatomy, Dr Sharbari Basu, HOD Biochemistry and Dr Kavita Vasudevan, HOD Community Medicine for their valuable suggestions and support in the materialization of the Bulletin.

I would like to express my heartfelt thanks to the faculty of my department Dr S. V. Umadevi, Dr D. Niraimathi, Dr K. Puviarasan, Dr Lalitha V., Dr Saranya K., Dr R. Rajalakshmi and all Tutors. Their meticulous help and ever willing support has gone a long way in shaping this Bulletin to its present form. I also would like to acknowledge the non teaching staff of my department.

Finally, I would like to acknowledge the faculty from all the departments, but for whose co-operation in spite of the busy schedule, the bulletin would not have dawned.

“Progress lies not in enhancing what is, but in advancing towards what will be”

- Khalil Gibran

A handwritten signature in black ink, appearing to read 'N. A. John', with a horizontal line underneath the name.

(Dr. N. A. John)

INTRODUCTION

Indira Gandhi Medical College & Research Institute was established by the Government of Puducherry in the year 2010 with the Mission “Health for All”. The college functions under the administration of the prestigious governing body headed by Honorable Chief Minister of Puducherry, Thiru.N.Rangasamy as the Chairman and the Secretary (Health) as the Vice Chairman.

The institute sprawls over a vast area of land comprising of all the amenities and infrastructure facilities to provide excellent medical care to the people of Puducherry. The institute prevails as one of the best medical colleges in Puducherry by providing quality medical education by dedicated faculty and the state of the art medical facilities being made available to all the patients.

The first batch of 150 students who were admitted in the month of July/August 2010 have successfully completed their Final MBBS and are presently undergoing Internship programme. These young talented doctors have been trained well to follow the highest professional and ethical principles in providing the best evidence based medical care to the people. The institute also encourages and supports its faculty and students to perform quality research work in various fields of medicine. The institute plans to begin post-graduate medical courses in due course which will further help to attain its mission to a greater extent.

Having completed its 5 years of dedicated clinical service, the Institute will continue to generate outstanding physicians and will provide interdisciplinary and compassionate clinical care of highest quality to the entire population of Puducherry.

On this momentous occasion of completion of MBBS course by the first batch of students and entry of the sixth batch to the Institute, the college has come up with this bulletin to share the achievements, contribution and progress of its faculty members to see the successful day where we all stand today and as we move on to become one of the best medical institutes.

DEPARTMENT OF ANATOMY

Infrastructure, Facilities and Faculty

The Department of Anatomy is a pre-clinical department actively engaged in teaching undergraduates. We strongly believe that laboratory experience, based on the dissection of human body, remains the cornerstone of anatomy training for medical students. During dissection, the student is provided with a unique opportunity to explore human body in its three dimensional structure and to discover unexpected pathology and biological variations. Our mission is to develop and promote biomedical knowledge in the field of the anatomical sciences by encompassing education, instruction, and research in Gross Anatomy, Developmental Anatomy, Microscopic Anatomy and Medical Education.

Cadaver donation programme:

Awareness of cadaver donation among the public is on the increase. Several people have volunteered to donate their body after death to our department for teaching and research purposes. The required forms and identity cards are being processed for government approval.

Faculty

Professor & Head:	Dr. S. Aruna, MS
Associate Professor:	Dr. Thara Sundar, M.Sc., Ph.D Dr. K. Suba Ananthi, MS
Assistant Professor:	Dr. N. Isai Vani, MS, DNB Dr. K. Shanmuganathan, MD Dr. A. Sangeetha, MD



Left to right: Dr. K. Shanmuganathan, Dr. A. Sangeetha, Dr. K. Suba Ananthi, Dr. S. Aruna, Dr. Thara Sundar, Dr. N. Isai Vani

Departmental News

- A CME was organized by the Department of Anatomy on “Genodynamics of Neurodevelopmental Disorders” on 8th March 2014 at IGMC&RI.
- The department of Anatomy in collaboration with Elsevier organizes a quiz competition for first year students every year. The first level (Anatomy) is within the institute from which top three students are selected to the next level and are given second year books. The second level quiz is online with questions in all the first year subjects and is among all medical colleges of Pondicherry. The top three students of Pondicherry will be selected for all India level competition. Our student Miss Shanmathi of 2011 MBBS batch got selected for Final All India level competition.
- Three students of 2013 batch of our college - Saranya S R, Rakshith N Murthy & Shanmuga Sundaram M, have secured the third place in the Anatomy Quiz competition “Vesaliquest 2014” held on 22.11.14 at Thanjavur Medical College, Thanjavur among 50 teams participated.

- The department of Anatomy has co-ordinated with the Department of Anaesthesiology, IGMC&RI in conducting workshops on 'Peripheral nerve blocks' from 21/1/12 to 22/1/12 and 'Ultrasound guided education programme in chronic pain' on 10/3/15 and 19/3/15.

Research Publications

1. Narayanan G, Aruna S, Balaji TK, Kannan G, Venkateshgobi V. A Study on Azygos System of Veins and Venous Aneurysm. *Journal of Nursing and Health Science*. 2013;2(2):10-14.
2. Narayanan Gopal, Aruna S, Suba Ananthi, Kannan G, Sathish kumar, Venkateshgopi. A study on accessory Falx cerebelli - A case report. *IJIRD* 2013;2(13):69-72.
3. R Sharmila Saran, K Suba Ananthi, Aruna Subramaniam, Balaji TK. D Vinaitha, Vaithianathan. Foramen of Civini: A New Guide for Maxillofacial Surgeons, *J Clin Diagn Res*. 2013;7(7):1271-6.
4. Vidhya Ramakrishnan, Anil Kumar Reddy Y, Aruna S, Balaji, Suba Ananthi. A cadaveric study on anatomical variations of the superficial palmar arch. *IJMRHS* 2014;3(1):144-8.
5. Suba Ananthi Kumaraswamy, Bijun Sai, Sandosh kumar, Aruna Subramanian. Semimembranosus ganglion cyst. *Anat Cell Biol* 2014; 47:207-9.
6. Thara Sundar, Annu Radha VKT. Effect of noise stress on adrenal glands of albino rats. *IJSR* 2015;4(3):18-9.
7. Thara Sundar, Geetha J. The morphometric study on atretic follicles in ovaries of albino rat in response to altered photoperiod. *Int J Pharm Med Res*. 2015;3(1):183-85
8. Venkateshgopi, Suba Ananthi, Narayanan Gopal, Kannan G, Prabhu S, Karthikeyan. Anatomical and Radiological Study of Supratrochlear Foramen of Humerus. *WJPPS* 2013;2(1):313-20.
9. Suba Ananthi, Reena Agrawal, Sanjeeb Agrawal. Multiple Cervical Vertebral Fusion with Ossification of Anterior Longitudinal Ligament. *Anatomy Journal of Africa*. 2013;2(2):128-31.

10. Suba Ananthi K, Reena Agrawal, Ravi Shankar P, Divided Forame Transversarium. JEMDS 2013;2(52):10267-9.
11. Dhanalakshmi, Arunkumar, Satish kumar, Suresh kumar, Suba Ananthi K. Multiple Bifid ribs. JEMDS 2014;3(15):3883-6.
12. Dhanalakshmi V, Santhi B, Suba Ananthi K. Bilateral Langer's axillary arch- a case report. NJCA 2014;3(2):90-2.
13. Suba Ananthi Kumaraswamy, Bijun Sai. Bilateral fusion of first rib with Sternum. IJAV 2014;7:55-6.
14. Suba Ananthi Kumaraswamy, Reena Agrawal. Foramen in the anterior root of transverse process of cervical vertebra. IJAV 2014;7:60-1.
15. Ramesh.P, Janani.Y, Khizer Hussain Afroze, John P Judson, Balaji T.K, Suba Ananthi. Study on structural variations of Palmaris Longus Muscle. IJIRD 2014;3(8):46-8.
16. Kavimani M, Suba Ananthi Kumaraswamy, Christilda Felicia Jebakani. Median nerve variation. RJPBCS 2014; 5(6):805-9.
17. Dhanalakshmi V, Santhi B, Manoharan, Suba Ananthi K. Morphometric study of temporal styloid process and stylohyoid calcification. International Journal of Scientific Study. 2015;3(1)
18. Manikandan S, Vani NI. Restricting access to publications from funded research: Ethical issues and solutions. J Postgrad Med. 2010; 56:154-6.
19. Manikandan S, Vani NI. Learning medicine through riddles. CMAJ. 2010; 182:E863-4.
20. Pushpalatha , Shamasundar, Najma, Shanmuganathan. Variations in the origin of left hepatic artery. IJAS. 2010; 1:31-33.
21. Jyothi, Shanmuganathan, Nanjaiah, Shamasundar. Bicipital rib – a case report. Int J Cur Res Rev 2013;5(11):93-96.
22. Shanmuganathan, Shamasundar, Jyothi, Anupama, Padmavathi. Sheet plastination of limb specimens – a boon to study cross sectional anatomy. IJCR 2013;5(12):4238-41.
23. Anupama, Saraswathi, Jyothi, Shanmuganathan. A study of fibular plantar marginal artery with its clinical perspective. Int J Cur Res Rev 2014;6(6):71-74.

Special Professional achievements

Dr. S. Aruna

- Co-ordinator of Medical education unit for two years from 2013 - 2015
- Organised Faculty development programme for faculty of IGMC under MEU in collaboration with SRMC.
- Organised a CME on “Genodynamics of Neurodevelopmental Disorders” – conducted by Department of Anatomy, IGMCRI – 8th March 2014
- Guided MBBS Undergraduate students in Paper presentation related to Embryo, Gross Anatomy & Osteology in various Tamil Nadu Association of Anatomists Conferences since 2012.
- Delivered a guest lecture on “Development of Female Reproductive System” at Sri Karpaga Vinayagar Medical College, Mamandur on 20.11.14
- Chaired a scientific session at the 35th Annual conference of the Tamil Nadu Anatomist's Association on 13.10.12 at Saveetha Medical College, Chennai
- Chaired a scientific session at the 36th Annual conference of the Tamil Nadu Anatomist's Association on 05.10.13 at SRM Medical College, Kattankalathur
- Chaired a scientific session at the 3rd National conference of Society of Clinical Anatomists on 24.05.14 at Puducherry.
- Chaired a scientific session at the 37th Annual conference of the Tamil Nadu Anatomist's Association on 11.10.14 at Chengalpet Medical College, Chengalpet

Dr. Thara Sundar

- Invited as expert member to award PhD degree in Anatomy at Bharath University, Chennai on 21.07.14.
- Invited as expert member to award PhD degree in Anatomy at Ramachandra University on 30.10.14.
- Received the “Best Educationalist - 2012” award from the Department of Education, Government of Puducherry on 16-02-2013.

Dr. K. Suba Ananthi

- Reviewer of Clinical Anatomy in 2012
- Resource person for the Basic course workshop on Medical Education Technologies at IGMC&RI 9th,10th& 11th of April, 2014; Topic- Appropriate and Effective use of media in medical education.
- Resource person for the UG Orientation Programme organized by Medical Education Unit, IGMC & RI; Topic – Introduction to Medicine
- Chaired a session at the 2ndNational Conference of the society of clinical Anatomists, Salem on 25th May 2013
- Chaired a session at the 3rdNational Conference of the society of clinical Anatomists, Pondicherry on 25th May 2014
- Chaired a session at the 37thAnnual conference of Association of Anatomists Tamilnadu, Chengalpet on 12th October, 2014

Dr. N. Isai Vani

- Awarded Diplomate of National Board (Anatomy) by the National Board of Examinations.
- Delivered a guest lecture on ‘Anatomy for Nerve Blocks’ at the CME & workshop on ‘Peripheral nerve blocks’ organized by the Department of Anaesthesiology, IGMC&RI on 21.01.12.

Dr. K. Shanmuganathan

- Executive Committee member of Society of Clinical Anatomists from 2011-14.
- Received the “Dr M M Cooper Memorial Award” for best paper during the 33rdAnnual conference of Association of Anatomists, Tamilnadu.

On-going projects

Introducing near-peer teaching of Anatomy in low performers. (Dr K Suba Ananthi, Dr S Aruna, Dr N Isai Vani).

Results of First MBBS University Examination

S. No.	Year	Pass %	No. of distinctions	Highest score (out of 350)	Name of the Topper
1	2011	89	9	291	Mr. Raghuraman S
2	2012	96	58	303	Mr. Baranitharan S.
3	2013	92	34	300	Mr. Dharanipradab M.
4	2014	97	44	291	Mr. Jayaganesh S.

DEPARTMENT OF PHYSIOLOGY

Infrastructure, Facilities and Faculty

The Department of Physiology is equipped with dedicated faculty, grandeur of infrastructure, library with excellent resources and recent study materials for reference. We also have well-equipped research labs for haematology, clinical physiology, amphibian and mammalian experimentation. The department offers structured academic programme for the undergraduate medical students. The students are also encouraged to perform various research activities such as ICMR-STs projects. The department routinely conducts various educational activities like quiz programs, tutorials, seminars, microteaching, problem based learning and other extra-curricular activities such as rangoli competitions and poster competitions. The computerized research lab has physiograph-data acquisition system, polygraphs (8 channel, 4 channel, 2 channel digital polyrite), bicycle ergometer, spiograph for conducting research in pulmonary, exercise and autonomic physiology. Biophysics is the core foundation in functional physiology and teaching sessions in Biophysics are made informative and extremely easy to understand under the guidance of Dr K. Puviarasan who excels in teaching and research and have eight international publications to his credit.

Faculty

Professor & Head: Dr. Nitin Ashok John, MD, DIH, MA (Pub. Admn.), PGDMLE
Medical Law & Ethics)

Associate Professor: Dr. S. V. Umadevi, MD, PGDMLE (Medical Law & Ethics)
Dr. D. Niraimathi, MD

Assistant Professor: Dr. K. Puviarasan, M. Sc. (Bio), M. Sc. (Psy.), B. Ed., DECE, PhD,
Dr. V. Lalitha, MD
Dr. K. Saranya, MD
Dr. Rajalakshmi. R, MD



Left to right: *Front row:* Dr. K. Puviarasan, Dr. S. V. Umadevi, Dr. N. A. John, Dr. D. Niraimathi,
Back row: Dr. Rajalakshmi R., Dr. Saranya K., Dr. Lalitha V.

Departmental Activities

- CME was organized by the department on “Role of Exercise in Cardiopulmonary Health” on 9th January, 2015.
- Annual Poster, Essay, Quiz, Kolam and Scientific Model Competition are organized on regular basis for First MBBS students since 2011.
- Scientific Rangoli Competition organized at Department of Physiology IGMC and RI on 12th January 2013.
- Physiology Scientific Model Art Competition organized at Department of Physiology IGMC and RI on 28th February 2013.
- Physiology Essay Competition organized at Department of Physiology IGMC and RI on 23rd March 2013.
- Office of Puducherry Chapter of Association of Physiologists of India was established on 9th January 2015.
- Poster Competition organized at Department of Physiology IGMC and RI on 12th February 2015.

Research Publications

1. John NA, Jyoti J, Abhisek Madhura. Hydration status and altered physiological homeostatic response of heart rate and fluid intake in indoor office workers during hot summer environment. *Biomedicine*2015; 35:136-140.
2. Dhanalakshmi Y, Velkumary S, Karthik S, Kavita Vasudevan, John NA, Niraimathi D, Umadevi S V, Umamaheswari K. Hand Grip Strength, Endurance Time, Heart Rate and Blood Pressure Changes in Smokers. *Int J Physiol*2015; 3:72-77.
3. John NA, Jyoti J, Niraimathi D, Umadevi SV, Puvirasan K, Abhishek M. Lung functions and oxidative status in sickle disease and sickle cell trait. *Int J Clin Exp Physiol*2014; 1: 273-6.
4. John NA, Umadevi SV, Jyoti J, Niraimathi D. Fasting and post prandial hyperglycemia in type 1 and type 2 diabetic patients on anti-diabetic therapy. *Biomedicine*2014; 34(3):378-383.
5. Kannan U, Vasudevan K, Balasubramaniam K, Yerrabelli D, Shanmugavel K, John NA. Effect of Exercise Intensity on Lipid Profile in Sedentary Obese Adults. *J Clin Diag Res* 2014; 8(7):8-10.
6. Jyoti J, Umadevi SV, John NA, Niraimathi D. Gamma Glutamyl transferase – a novel biomarker for type 2 diabetes mellitus. *Biomedicine* 2014;34(3):334-38.
7. Umadevi SV, Jyoti J, Karthik S, John NA. Effects of dual task performance upon reaction time in cell phone users. *Biomedicine* 2014; 34(1):026-030.
8. Umadevi SV, Jyoti J, Nitin John. Platelet Count, Mean Platelet Volume, Serum Creatinine and Delayed Clotting Time as Surrogate Markers of type 2 Diabetes Mellitus. *Int J Biol Med Res.* 2014; 5(2): 3970-3974.
9. Niraimathi D, Mythili B, Jyoti J, John NA, Dhanalakshmi Y, Saranya K. Neonatal outcome of pre-eclamptic/eclamptic mothers treated with magnesium sulphate. *The Antiseptic* 2015; 112(1): 24-6.
10. Niraimathi D, Reshma D, John NA, Kavitha V. Effect of smoking on peak expiratory flow rate in building construction workers. *Biomedicine* 2014; 34(4):480-6.

11. Niraimathi D, Kamakshi MR, John NA, Kavitha V. Comparison of peak expiratory flow rate and forced vital capacity between petrol pump workers and automobile repair workers. *Int J Bio Med Res*2014; 5(2):4084-88.
12. Lalitha V, Pal GK, Parija SC, Pal P, Sathishbabu M, Indumathy J. Effect of gender on food intake, adiposity and immunological responses following lesion of ventromedial hypothalamus in albino Wistar rats. *Int J Clin Exp Physiol*2014; 1: 44-50.
13. Saranya K, Pal GK, Habeebullah S, Pal P. Analysis of Poincare plot of heart rate variability in the assessment of autonomic dysfunction in patients with polycysticovary syndrome. *Int J Clin Exp Physiol* 2015; 2:34-9.
14. R. Rajalakshmi, Bridgitte Akila, Elizabeth Tharion. Intra-class Correlation among Heart Rate Variability analysis softwares across different physiological postures. *Indian J Physiol Pharmacol* 2015; 59(1): 2–8.
15. Nitin John. The study of hair line recession in central Indian adolescent population. *Biomedicine* 2011; 31(4): 501 – 505.
16. Ashok JN. News and Views (Optogenetics:Skill in conflict management prevents premature death; Iron deficiency plays a crucial role in ischemic stroke; Anti-hypertensive drugs are best taken before bedtime; Fracture risk inherited across two generations; Energy drink augments cardiac risk: Caffeine in coffee reduces birth weight). *Int J Clin Exp Physiol* 2014; 1:168-70.
17. Nitin John. Sickle Cell Disease: A Review based on our research of health profile in patients of sickle cell disease and sickle cell traits. *Oman Med J.* 2010 Jan; 25(1): 3–8.
18. Nitin John. Oxidative stress, anemia and compromised lung functions in patient of sickle cell disease. *Journal of Basic Medical and Allied Sciences* 2011; 1:51-54.
19. John N A. Central Research Lab in Medical College. *J Bangladesh Physiological Society* 2011; 6(2): 140.
20. Niraimathi D, John N A, Dhanlakshmi Y. Revamping the physiology curriculum: A brief review, *Bulletin of Association of Physiologist of India.* BAPT; 5(1) 2011:8-10.
21. John NA, Niraimathi D, Dhanlakshmi Y. Nutrition in exercise and health. *Bulletin of Association of Physiologist of India.* BAPT 2011; 5(1):2-4.
22. John NA. Benefits of walking on health. *Health Journal* 2011;89 (4): 7-8.
23. John NA. Archery and health benefits. *Health Journal* 2011;89 (4): 9.

24. John NA. Idea height weight chart for healthy life. Health Journal2011; 89:16.
25. John NA. Computer Vision Syndrome. Health Journal2011;89:7-8.

Special Professional Achievements

Dr. N. A. John

- Delivered talk as Guest Speaker in workshop on ‘Diabetes Management in Primary Care Settings’ on 29th& 30th April 2011 at Pondicherry State Health Mission (NRHM) Pondicherry on ‘Role of Exercise in Patients of Diabetes Mellitus’.
- Nominated as Finance Secretary (National) of Association of Physiologist of India 2014.
- Specialized certificate course training in Animal Cell Techniques, Cell Culture and Immunology at CIIMS Nagpur 1 st June 2011 to 21 st June 2011.
- Authored Practical Physiology for Dental Students by CBS Publishers 2015.
- Regular author for health and academic articles in national and International Magazine, Newspaper, Published more than 100 + articles.
- A+ Grade in PGDMLE Medical Law and Ethics, National Law School University, Bangalore and Dissertation on Review of Regulations of Medical Council of India.

Dr. S.V. Umadevi

- Nominated as Organizing Secretary of Physiology Chapter of Association of Physiologist of India 2014.
- Delivered talk as Guest Speaker in workshop on ‘Diabetes Management in Primary Care Settings’ held on 29-30th July 2011 at IGMC & RI.
- Delivered talk as Guest Speaker in workshop on ‘Fitness to overcome Life style diseases’ at Pondicherry University on 24 .02. 11 on ‘Exercise for Diabetes Patients’.

Dr. Niraimathi. D.

- Delivered talk as Guest Speaker in workshop on ‘Diabetes Management in Primary Care Settings on 29th& 30th April 2011 at Pondicherry State Health Mission (NRHM) Pondicherry on ‘Diabetes management in Primary Care Settings’.
- Regular Health Talks at All India Radio Puducherry 2015.
- Judge for poster competition at Association of Tamil Nadu of India. 2012-2013.

Dr. K. Puviarasan

- Convenor of CME organized by the department on ‘Role of Exercise in Cardiopulmonary Health’ on 9th January, 2015.
- Has completed Diploma in Electronics & Communication Engineering, Bachelors in Education, Masters in Psychology and Diploma in Acupuncture.
- He is well acknowledged for his literary works and poetry.

Dr. Lalitha V.

- Resource Faculty for the session on ‘Stereotaxy - Cannulation and Lesion making’ in the Workshop on ‘Clinical and Experimental Neurophysiology’ on 15th December 2014 in Golden ASSOPICON 2014, JIPMER, Puducherry.

Dr. Saranya K.

- Resource Faculty for the session on ‘Tilt table testing’ in the Workshop on ‘Cardiac and Autonomic Function Tests’ on 15th December 2014 in Golden ASSOPICON 2014, JIPMER, Puducherry.

Dr. Rajalakshmi. R.

- Received the Best Paper Award for the Oral Presentation titled ‘Effect of Cleistanthin A on voltage gated proton channels of Human Neutrophils’ at the National Conference of Association of Physiologists of India- ASSOPICON 2015, Department of Physiology, JIPMER, Puducherry, 17-19th December 2014.

On-going Research Projects

- 1) Heart rate variability in normal and pre-eclamptic patients. (IEC/PP/2015/11), Dr. S. V. Umadevi, Associate Professor Physiology (Principal Investigator), Dr. V. Lalitha, Assistant Professor Physiology and Dr. P. Sabita, Associate Prof Department of O&G, IGMC& RI (Co-investigators).
- 2) Heart rate variability, peak expiratory flow rate and reaction time analysis in subject exposed to formaldehyde (IEC/PP/2015/10), Dr. V. Lalitha, Assistant Professor Physiology (Principal Investigator) and Dr. N. A. John, Professor & Head Physiology, , and Dr. S. Aruna, Prof & Head, Department of Anatomy, IGMC& RI (Co-investigators).
- 3) Comparison Of Cardiopulmonary Function, Cognition And Quality Of Life Among Rural And Urban Obese Children - A Community Based Study In Southern India. (IEC/PP/2015/09), Dr. Saranya K., Assistant Professor Physiology (Principal Investigator), Dr N A John, Professor and HOD Physiology, Dr D Niraimathi, Associate Professor Physiology and Dr R. Rajalakshmi, Assistant Professor Physiology (Co-investigators).
- 4) Assessment of cardiac sympatho-vagal status of individuals with hemophilia (IEC/PP/2015/23), Dr R. Rajalakshmi, Assistant Professor, Physiology (Principal Investigator), Dr N A John, Professor and HOD Physiology, Dr D Niraimathi, Associate Professor Physiology

Results of First MBBS University Examination

S. No.	Year	Pass %	No. of candidates obtained distinction	Marks obtained by topper (out of 350)	Name of the topper
1	2011	80	13	283	Mr. K. Karthik
2	2012	90	31	295	Mr. Adline Harris. T
3	2013	88	74	306	Ms. Manjubala. M
4	2014	100	42	297	Ms. Brinda. R

DEPARTMENT OF BIOCHEMISTRY

Infrastructure, Facilities and Faculty

The Department of Biochemistry is situated in the ground floor of the college block. The department is spacious and has individual rooms for the faculty members. The department is well equipped with over-head projector, LCD, well- stocked library and instruments required for conducting routine theory and practical classes for the students. The Research laboratory in the department houses the sophisticated instruments, namely the spectrophotometer, Elisa reader and the electrophoresis apparatus. Faculty members in the department are actively involved in various intra and inter departmental research. Emphasis is given to clinical correlation of biochemical processes with the diseases from the very beginning of the session itself. The department conducts quiz competitions, seminars, competitive group question – answer sessions and poster presentation competition, as a part of the teaching – learning programme. The department staunchly believes in not only imparting knowledge to the students but also in their all round development.

The Clinical Biochemistry laboratory is situated in the hospital block. It caters to the various investigations required for the out-patients and the in-patients in the hospital 24 hours a day. The laboratory is well equipped with modern state of the art auto analysers for ensuring efficiency and quality in analyses of samples and reporting of results. The department is committed towards providing quality service to the patients attending the hospital. The department has installed a higher version of fully automated clinical chemistry analyzer with a through put of 480 tests / hour and an Arterial blood gas analyzer for catering to patient care.

Faculty

Associate Professor & Head: Dr. Sharbari Basu, MD

Professor : Dr. S. Baskaran, M.Sc., Ph.D

Assistant Professor: Dr. R. Vinayagamoorthi, M.Sc., Ph.D



Left to Right: Dr. R. Vinayagamoorthi, Dr. Sharbari Basu, Dr. S. Baskaran

Departmental News

- In collaboration with the department of Anatomy and Physiology, the Department of Biochemistry conducted a Quiz competition - “All India Medical Basic Sciences Olympiad” organized by ELSEVIER in 2012 – Ms. S. Shanmati, has won a prize in this competition.
- Association of Medical Biochemists of India, Pondicherry Chapter, conducted a Biochemistry Quiz competition for students of Ist MBBS at Sri Venkateshwara Medical College, Pondicherry in March 2012 – Mr. Bharanidharan and Mr. Vighnesh secured second place in this competition.
- As a part of Teaching – Learning activity the department organized a Poster competition for first year MBBS students on the concept “My perception of Clinical Biochemistry” on 23rd February 2013.
- A team of students from IGMC&RI have won the first prize in a quiz competition organized by the Department of Biochemistry, PSG institute of medical sciences, Coimbatore during in March 2014.

- Association of Medical Biochemists of India, Pondicherry Chapter, conducted a Biochemistry Quiz competition for students of 1st MBBS at Mahatma Gandhi Medical College and Research Institute, Pondicherry in March 2015 – Mr. Gowtham Sourya and Mr. J. Gowtham secured First place in this competition.

Research Publications

1. Basu S. A study of body mass index in the population and its association with blood pressure and serum levels of glucose and triacylglycerol. *Int J Pharm Bio Sci* 2013; 4:111-116.
2. Basu S. Finalisation of title in Postgraduate Dissertation, A step by step approach for medical postgraduate ed. Ananthakrishnan N, B.I Publications Delhi 2013, pg 36-39.
3. Reeta R, Srinivasan AR, Ghosh S, Basu S, Ramesh R, Sathish BM. Diagnostic Utility of heat stable alkaline phosphatase in hypertensive disorders of pregnancy. *J Clin Diag Res* 2014, 8(11):10-13.
4. Adiga US, Harris A, Ezhilvathani TN, Basu S Serum electrolytes in senile cataract patients. *Al Ameen Med Sci* 2014; 7:164-68.
5. Shewade HD, Palanivel C, Balamurugesan K, Vinayagamoorthi R, Sunderamurthy B, Vasudevan K, Basu S, Rajagopalan N. Feasibility of opportunistic screening of type 2 diabetes mellitus: Need for interventions to improve follow up. *J Social Health Diabetes* 2015;3:43-7.
6. Ramadass S, Basu S, Srinivasan AR. Serum magnesium levels as an indicator of status of Diabetes Mellitus Type 2. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews* 2015;9:42-5.
7. Jayabalan R, Baskaran S, Marimuthu S, Swaminathan K, Yun SE. Effect of Kombucha tea on aflatoxin B1 induced acute hepatotoxicity in albino rats-prophylactic and curative studies. *J Korean Soc. Appl. Biol. Chem* 2010; 53 (4):407-416.
8. Praba Sheela B, Baskaran S, Singh AK. Antioxidant and lipid peroxidation status in pre and post operative breast carcinoma. *Int J Pharm Biosci* 2011;2:450-454.
9. Prabhasheela B, Baskaran S. Evaluation of alkaline phosphatase in pre and post operative breast cancer patients. *Int J Bio Med Res* 2012;3 (2):1536-1537.
10. Praba Sheela B, Baskaran S. Alteration of Glutathione dependent enzymes in pre and Post operative breast carcinoma. *Medico Research Chronicles* 2014 (1):73-77.

11. Appandraj R, Arvindkumar, Baskaran S, Ushasekhar. Intra dialysis complications among hemodialysis patients – a case study. International Journal of Pure and Applied Bioscience. 2014;2 (5):115 – 117.
12. Arvind kumar R, Ushasekhar, Baskaran S, Appandraj. Prevalence of uremic pruritis among chronic renal failure patients who are on hemodialysis – A case report. International journal of advances in case reports. 2015;2 (4):232-234.
13. Vinayagamoothi R, Zachariah Bobby, Selvakumar C. Lipoic acid Inhibits JNK Pathway and IRS-1 Serine Phosphorylation while Improving Insulin Sensitivity in Rat L6 Muscle Cells Exposed to Oxidative Stress. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2014;5(3):950-960.
14. Vinayagamoothi R, Zachariah Bobby, A.Thiruvaimozhi. Potential role of redox sensitive serine kinase pathways in the pathogenesis of insulin resistance in rheumatoid arthritis. International Journal of Biomedical and Advance Research 2011; 2: 259-269.

Special Professional Achievements

Dr. Sharbari Basu

- Resource Person in a Workshop on “Diabetes Management in Primary Care Setting” at NRHM, Puducherry on 29.04.2011.
- Chairperson for the paper session at the 19th Annual National Conference of Association of Medical Biochemists of India, held at K.A.P.V Government Medical College, Trichy, Tamilnadu, 17.12. 2011.
- Resource faculty in the basic workshop on “Medical Education Technologies” organised by the Medical Education Unit on 9, 10, 11.04.2014 at IGMCRI.
- Chaired a session in the CME on “Role of Exercise in Cardiopulmonary Health” at IGMCR& RI, Puducherry on 09.01.2015.
- Chief Guest at the annual quiz programme “QUEZMISTRY” at PSG Medical College, Coimbatore on 12.04.2015.

Ongoing and Completed Research Projects

Ongoing Research Projects:

1. Dr.Sharbari Basu, Dr.B.Kavitha & Mr.Gokula Raman. K: Comparative study of serum Uric acid levels of Non-alcoholic fatty liver and alcoholic liver disease (ICMR-STS, 2015-16).

Completed Research Projects:

1. Dr.Sharbari Basu, Dr.R.Vinayagamoorthi & Dr. Shewade H.D: Feasibility of opportunistic screening of type 2 diabetes mellitus (2012-13).
2. Dr.Usha S Adiga, Dr.T.N.Ezhilvadhani & Ms.A. Adline Harris: Sodium and potassium levels in senile cataract patients in Puducherry (ICMR STS, 2013-14).
3. Dr.Sharbari Basu, Dr.B.Kavitha& Mr.P.Gauthamabuddha: Study of serum magnesium and calcium levels in patients with hypertension (ICMR STS, 2013-14).
4. Dr.Sharbari Basu, Dr.B.Kavitha & Mr.Gokula Raman. K: Study of prevalence and awareness of risk of chronic kidney disease in patients with Diabetes mellitus (ICMR STS, 2014-15).
5. Dr.Sharbari Basu, Dr.R.Vinayagamoorthi, Dr. Dr.Kavitha Vasudevan: Assessment of iodine deficiency disorders among school children in Pondicherry UT (Govt. of Puducherry, 2014-15).

Results First MBBS University Examination

S. No.	Year	Pass %	Number of Distinctions	Highest marks obtained (out of 350)	Name of the Topper
1	2011	90	20	285	Mr. D.Viswanathan
2	2012	94	61	308	Ms.S. Shanmathi
3	2013	91	69	302	Ms.M.Manjubala & T. Manishikaa
4	2014	91	36	294	Ms. Saranya S. R.

DEPARTMENT OF PHARMACOLOGY

Infrastructure, Facilities and Faculty

The Department of Pharmacology is involved in training undergraduates on basic principles of medicines and their usage in humans. In a move towards minimization of usage of live animals for teaching medical undergraduate students, the department has a computer lab and imparts CAL (Computer Assisted Learning). There is a museum with models and charts depicting the history of pharmacology, drug sources and other related drug information. A department library with recent reference books is available for faculty as well as students. The research activities of the department are focused in the areas like drug utilization, non-communicable diseases and community based studies pertaining to drugs and their usage. The department also assists the clinical faculty by serving as a nodal point in providing information on drugs, on a need basis. The department is privileged to be recognized as a Regional Adverse Drug Monitoring Centre (AMC) involved in reporting adverse drug reaction. We also conduct periodical workshops and awareness program on Pharmacovigilance for health care providers. Pharmacy administration, management of Central animal house and coordination of Institutional Animal Ethics Committee (IAEC) are also integral part of our department.

Faculty

Professor:	G. Sivagnanam, MD
Associate Professor & Head:	A. Lourdu Jafrin., MD
Associate Professor:	B. Maharani., MD
Assistant Professor:	Babu L. N., MD Priyadharsini R., MD, DNB



Left to Right : *Sitting:* B. Maharani, G. Sivagnanam, A. Lourdu Jafrin
Standing: Babu.L.N, Priyadharsini. R.

Departmental Activities

- A CME was organised by the department in collaboration with Abbot Knowledge academy on “Scientific programme on Pharmacovigilance for health care professionals & PG students on 17/8/2012 at IGMC&RI.
- A workshop on “Pharmacovigilance awareness Programme for CRRIs” was organized by the department on 26/2/1015 and 4/3/2015 at IGMC&RI.
- A workshop on “Pharmacovigilance awareness Programme for Staff nurses & Pharmacists” was organized by the department on 5/9/2014 and 12/9/2014 at IGMC&RI.
- A workshop on Pharmacovigilance awareness programme for Health care professionals was organized by the department on 3/4/2013 at Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry.
- A workshop on Pharmacovigilance awareness Programme for Health care professionals was organized by the department on 3/4/2012, 15/2/2013 and 1/3/2013 at IGMC&RI.

- A workshop on “Cost utility & Cost benefit analysis in basic principles of Pharmacoeconomics” was organized by the department on 25/2/2012 at IGMC&RI.
- A conference was organised by the department on “PG curriculum in Pharmacology” on 15/11/2013 at IGMC&RI under the Indian Pharmacology society – Pondicherry chapter”.

Research Publications

1. Jhaj R, Sivagnanam G. Concomitant prescription of oral fluoroquinolones with an antacid preparation. *Journal of Pharmacology and Pharmacotherapeutics*, 2013;4:140-2.
2. Sivagnanam G. Mesotherapy: The French connection. *Journal of Pharmacology and Pharmacotherapeutics*, 2010;1:4-8.
3. Babu.L.N., Aniket kumar, Kalpana Ernest, Anna B Pulimood, Arun Jose, Margaret Shanthi. Effect of S-Adenosyl methionine in Gentamicin induced Nephrotoxicity in rats. *IJPBS/vol13/issue 3/Jul-Sep/2013/405-13*.
4. Priyadharsini R, Shewade DG, Subraja K, Dkhar SA, Ravindra BK, Satheesh S, Sridhar MG, Narayan SK, Adithan C. Genetic polymorphisms of *CYP3A5*3* contributes to clopidogrel resistance in coronary artery disease patients among South Indian Tamilian population. *Mol Biol Rep*, 2014;41:7265-71.

Special Professional Achievements

G. Sivagnanam

- Section editor for *Journal of Pharmacology and Pharmacotherapeutics*

A. Lourdu Jafrin.

- Judge for oral Scientific paper presentation at the- Indian Pharmacological Society-6th Annual Conference, of Puducherry chapter on 12/2/ 2015.
- Invited Speaker for Pharmacovigilance awareness Programme for CRRIs - conducted by Department of Pharmacology, IGMC&RI, Puducherry on 26/02/2015 & 04/03/2015.

- Invited Speaker for Pharmacovigilance awareness Programme for staff nurses & Pharmacists-conducted by Department of Pharmacology, IGMC&RI, Puducherry on 05/09/2014 & 12/9/2014.
- Member Secretary of the Pharmacovigilance committee of IGMC&RI
- Chairman of Causality Assessment Committee (CAC) at IGMC & RI
- Co-ordinator for the Multidisciplinary Research Unit of IGMC & RI, Puducherry.
- Officer in-charge of Central Pharmacy, at IGMC & RI, Puducherry.
- Contributor of Pharmacology section for the book 'Target Jipmer' published by PeePee publishers.

B. Maharani

- Deputy Co-ordinator of Multidisciplinary Research Unit at IGMC&RI, Puducherry.
- Member Secretary of IAEC, IGMC&RI.
- Invited speaker for "Pathway for rational prescribing" at the CRRRI orientation programme on 23/1/2015 at IGMC&RI.
- Co-ordinator of Pharmacovigilance committee at IGMC&RI.

Babu. L. N.

- Invited as speaker for Pharmacovigilance awareness Programme for CRRIs-conducted by Department of Pharmacology, IGMC& RI, Puducherry on 04/03/2015 & 26/02/2015.
- Invited as speaker for Pharmacovigilance awareness Programme for staff nurses & Pharmacists-conducted by Department of Pharmacology, IGMC&RI, Puducherry on 05/09/2014 & 12/9/2014.

Priyadharsini R.

- Deputy Co-ordinator of Adverse drug reaction (ADR) monitoring and drug information centre at IGMC & RI.
- Deputy Co-ordinator of Causality Assessment Committee (CAC) at IGMC & RI.
- Resource Person for Pharmacovigilance Awareness Programme - conducted by Department of Pharmacology, IGMC&RI, Puducherry on 5/9/2014, 12/9/2014, 26/2/2015 and 04/3/2015.

Ongoing Research Projects

1. An ICMR-STC project titled 'Drug utilization patterns of inpatients admitted in the paediatric ward of a tertiary care hospital-a retrospective study'- Arutperunjothi, A. Lourdu Jafrin
2. A project titled 'Drug utilization patterns of inpatients admitted in the ICU ward of a tertiary care hospital-a retrospective study'- A. Lourdu Jafrin, B. Maharani
3. Medication adherence and factors contributing to poor compliance in Diabetes mellitus patient in a tertiary care hospital in Puducherry - A questionnaire based approach in clinical setting. Priyadharsini R, Babu LN.
4. Evaluation of the impact of Pharmacovigilance awareness programme among nurses and pharmacists in IGMC&RI, Puducherry and to study the various factors influencing the spontaneous reporting of adverse drug reaction - Priyadharsini R, Babu LN.
5. Prevalence of Complementary and alternative medicine usage among diabetic patients in a tertiary health care facility in Puducherry - Anjum wasim, Priyadharshini R
6. Self Medication Practices among residence of Puducherry- A community based study - B.Maharani, A. Lourdu Jafrin
7. Community Based Drug Utilization Study on Antihypertensive Drugs in Puducherry: A Cross Sectional Study – B.Maharani, Vijay K.Chavada.

Completed Research Projects

1. Surveillance of *in vitro* antimicrobial resistance (AMR) and its co-relation with antimicrobial use in a tertiary care setting.

Extended Learning Programmes

1. A Southern Regional Intercollegiate Pharmacology meet (SRPM 2013) was conducted by Dept of Pharmacology, IGMC& RI, and Puducherry on 03/08/2013. SRPM included Quiz,

Model exhibits, Paper presentation, Collage and Dumb charades on various topics related to Pharmacology.

2. A Southern Regional Intercollegiate Pharmacology Quiz (SREPHAQ-2012) was conducted by the Dept of Pharmacology, IGMC& RI, Puducherry on 25/07/2012.
3. A Rangoli competition for undergraduates, Topic- Pharmacoeconomics was conducted by the Dept of Pharmacology, IGMC&RI, Puducherry on 25/02/2012.

Results of Second MBBS Students University Examination

S. No.	Year	Pass %	No. of Distinctions	Highest scorer (Out of 350)	Name of the Topper
1	2012	98	6	271	Ms. Sowndharya J.
2	2013	100	26	283	Ms. Revathi G.
				283	Ms. Shanmathi S.
3	2014	98	18	282	Ms. Anu Kiruba Devi G.

DEPARTMENT OF PATHOLOGY

Infrastructure, Facilities and Faculty

Pathology is a bridging discipline between the clinical and pre-clinical subjects within the medical curriculum. The department of pathology is well equipped and adequately staffed and caters to the diagnostic needs of the hospital and teaching of the students. The department consists of histopathology, haematology, cytology sections and blood bank. There are two student labs which are well furnished with microscopes, instruments and other teaching materials. The departmental library with more than 120 books and museum with more than 400 mounted and unmounted specimens are available for teaching and learning. The faculty are engaged in routine diagnostic work and actively involved in didactic lectures, practicals, small group teaching, integrated teaching and tutorials. The objectives & mission of the department of pathology, IGMC&RI, Puducherry is to provide excellent teaching, research, patient care and community service to meet the health needs of the area; this will be accomplished by making optimal use of human and financial resources.

Services provided:

1. Histopathology section:

- Histopathological study of various biopsy materials from our hospital, government maternity hospital and ESI hospital.
- Various special stains and frozen section study are carried out.

2. Haematology & clinical pathology:

- 24 hours service available, various haematology investigations like complete blood count, TC, DC, peripheral blood smear study, ESR along with special tests like sickling test, osmotic fragility test.
- Urine routine, semen analysis & special tests.

3. Cytology:

- Fine needle aspiration cytology (FNAC) both direct and ultrasound guided.
- Pap smear study.
- Fluid cytology for malignant cells & CSF analysis.

4. Blood Bank:

- 24 hours service.

Faculty

Professor & Head: Dr. Ramachandra V. Bhat, MD, DNB, FIMSA

Associate Professors: Dr. Sankappa P. Sinhasan, MD, DNB, MNAMS
Dr. Chaithra R. Jadhav, MD
Dr. Banushree C.S., MD, DNB

Assistant Professors: Dr. K. V. Bharathi, MD
Dr. Vinita Agrawal, MD
Dr. Mary Theresa Sylvia, MD



Left to Right : *Sitting* : Dr. Banushree C. S., Dr. Ramachandra V Bhat, Dr. Sankappa P. Sinhasan
Standing: Dr. Mary Theresa Sylvia, Dr. Vinita Agrawal, Dr. K V Bharathi,
Dr. Chaithra R Jadhav.

Departmental News:

- PATHMEET: Regularly conducting and attending Pathmeet: Meeting of Pathologists from various medical colleges across the Pondicherry under one roof and discussing interesting and rare cases. We Conducted “PATHMEET” on 11th February 2012, with PATHOLOGY QUIZ for Postgraduate students arrived from various colleges across the Pondicherry and Tamilnadu.
- Conducted “Hematology Quiz” on 18th April 2012 for the MBBS students
- Conducted “PathQuiz-2013” on 17th April 2013 for the MBBS students
- Conducted “Pathology Quiz-2014” on 23rd April 2014 for the MBBS students
- Conducted “Pathology Quiz-2015” on 28th April 2015 for MBBS students.
- One day CME (Continuous Medical Education Programme), Cyto CME-2013 conducted on 27th April 2013 and discussed interesting Cytology cases with Histopathological correlation. The CytoCME is attended by 67 delegates from various colleges in Pondicherry includes senior and junior faculties and PG students.
- One day CME on “Head & Neck Pathology” conducted on 8th November 2014, at IGMC & RI, Pondicherry. This CME was attended by 120 delegates from Pondicherry, Chennai, Melamaravattur, Trichy and various other parts of Tamil Nadu. Four guest speakers delivered various interesting topics. Pathology Quiz was conducted for the Post-graduate students. The credit points of 10 were allotted by Dr. MGR Medical University, Chennai.

Research Publications

1. Ramachandra Bhat. Aneurysmal bone cyst of the second metatarsal. Ind J Med. Specialities 2013;4:131-2.
2. Sinhasan SP, Chaitra RJ, Ramachandra VB, Anandhi. “Pilomatrixoma- Presenting as tender hypopigmented lesion”. Indian Journal of Dermatology 2013;58(5):405.
3. Mima Maychet B. Sangma, Simon David Dasiah, Ramachandra Bhat. V. Syringocystadenoma Papilliferum of the Scalp in an Adult Male – A case Report. J Clin Diagn Res 2013; 7(4):742-3

4. Chaithra R Jadhav, N R Angeline, Bipin kumar, RamachandraV Bhat, G bala chandran. Axillary Schwannoma with extensive cystic degeneration. *J Lab Physicians* 2013;5:60-62.
5. Sinhasan SP et al. Retro peritoneal seminoma with occult testicular primary diagnosed by FNAC – a case report”. *Journal of Evolution of Medical and Dental Sciences* 2013; 12,: 6490-6493.
6. Sinhasan SP., Bharathi KV, Ramachandra VB, Basavanandaswamy H. Case report: “Intramuscular Nodular Fasciitis- presenting as swelling in neck: Challenging entity for diagnosis”. *J Clin Diagn Res* 2014; 8: 155-7.
7. Ramachandra VB et al. Can Treatment for Polycystic Ovarian Disease Induce Ovarian Tumour? A Case report. *J Clin Diagn Res* 2014; 8(1):191-192.
8. Sinhasan SP, Bharathi KV, Ramachandra VB, Simon David Dasiah “Primary Chondrosarcoma of Breast- Cytology with Histopathological correlation” – A rare case report with review of literature – *Indian Journal of Pathol & Microbiol* 2014: 57(2):311-13.
9. Sinhasan SP, Actinomycotic splenic abscess: a rare case report. *Indian J Pathol Microbiol*; 2011; 54(3):638-9.
10. Sinhasan SP, “Intramuscular Hydatid Cyst—A Rare case Report. *Annals of Tropical Medicine and Public Health* 2012;5(5):546-8.
11. Sinhasan SP., “Ameloblastoma of Maxilla—Presenting as loosening of tooth: Case report”. *Indian Journal of Oral Science* 2012;3(3):172-5.
12. Sabita P, Sharmila V, Arun Babu T, Sinhasan S P, Singh D. A rare case of cervical tuberculosis which simulated carcinoma of the cervix. *J Clin Diagn Res* 2013;7(6):1189-90.
13. Anandhi Amaranathan, Sankappa P Sinhasan, Simon David Dasiah. Median Raphe Cysts of the Prepuccial Skin, with Triple Histological Linings: A Case Report and Review of the Literature. *J Clin Diagn Res* 2013;7(7):1466-1468.
14. Sinhasan SP., Bharathi KV, Ramachandra VB, Basavanandaswamy H. Case report: “Intramuscular Nodular Fasciitis- presenting as swelling in neck: Challenging entity for diagnosis”. *J Clin Diagn Res* 2014; 8:155-7.

15. Ravikumar BC, Sinhasan. Psoriasis sparing the polio-affected limb: Is it merely the Koebner phenomenon?. *Indian J Dermatol* 2014; 59:505-6.
16. Anandhi Amaranathan, Sankappa P Sinhasan, Simon David Dasiah. Case Report: Cystic Lymphangioma of the Vulva. *J Clin Diagn Res* (in press)
17. Sinhasan SP. "An Intra-abdominal Giant Multi-locular Cystic Lymphangioma in an adult female masquerading Ovarian Tumor"—A Rare case report. *Journal of Cancer*. Letter to editor (in press)
18. Sinhasan SP., Ravi Sankar, Kumaran Colbert, R V Bhat. "Follicular Variant of Papillary Carcinoma arising in thyroid tissue remnant of Thyroglossal Duct Cyst"- A rare entity. *J Med Sci Health* 2015;1(1):27-9.
19. Suba Ananthi Kumarsamy, Bijun S.K, Sandosh S, Aruna S, Sankappa. P. Sinhasan, RamachandraVB. "Semimembranous Ganglion Cyst" *Anat Cell Biol* 2014;47(3):207-9.
20. Malini Bhat, Madusudan R, Sinhasan SP, Basavanandaswamy H. A Masquerading subcutaneous swelling caused by *Scedosporium apiospermum*: An emerging pathogen. *Indian Journal of Pathol & Microbiol* 2015;58:115-7.
21. Sylvia MT, Sankappa Sinhasan, Ramachandra Bhat, Basavanandswamy. "Masson tumour with variable morphology. A case report". *Journal of Cytology* (in press)
22. Sankappa Sinhasan, Basavanandswamy CH, Sylvia MT, Ramachandra Bhat. "Malignant Hydradenocarcinoma- A Rare Entity". *Indian Journal of Pathol & Microbiol* (in press)
23. Sankappa Sinhasan, Sylvia MT, Mima, Ramachandra V Bhat. "Symplastic Hemangioma v/s Multinucleate Cell Angiohistiocytoma- An experience with a case report" *Indian Journal of Pathol & Microbiol* (in press)
24. Kishori M Panda, Ramachandra Bhat, Metastatic squamous cell ca of oropharynx presenting as cystic parotid tumour-a case report. *Orissa J path & microbial*. 2011; 14:45-6.
25. R Singh, K Bharathi, R Bhat, C Udayashankar. The histological profile of non-neoplastic dermatological disorders with special reference to granulomatous lesions –study at a tertiary care centre in Pondicherry. *Int J Pathology*. 2012; 13:3.
26. R Singh, R Bhat, Uterine Lipoleiomyomas: A report of two cases with a brief review of literature. *J Clinical & Diagnostic Research*. 2012; 6(4):718-9.

Special Professional Achievements

Dr. Ramachandra V. Bhat

- Dr. Ramachandra V. Bhat, Professor of Pathology is included in "Marquis Who's who in the world 2012" (29th edition) the foremost chronicles of human achievements published by Marquis who's who publications USA.
- Dr. Ramachandra V. Bhat, Professor of Pathology is elected as "Fellow of International Medical Sciences Academy (FIMSA)".
- Guest Speaker for CME on 20th June 2015 at Sri Venkateshwara Medical College, Puducherry on "Histopathological approach to diagnose fungal infections".
- Regular MCI Assessor for UG and PG courses for various Medical Colleges.
- Member of Editorial Board of Journal of Interdisciplinary Histopathology.

Dr. Sankappa Sinhasan

- Author of Undergraduate textbook book "PATHOLOGY REVIEW": published by PARAS Publications, Hyderabad, in April 2012. Getting popular widely by the students and faculty in the field of Pathology.
- Author cum editor for the Pathology Power-Point Presentations (SIMS-PPT's), most popular among the teaching faculty in Pathology in Karnataka and outside states. Available on website: <http://www.similima.com/similimapowerpoints.htm> and also on www.kciapm.com.
- Guest Speaker at Melamaruvathur Adiparasakti Institute of Medical Sciences and Research (MAPIMS), on topic "Approach to Thyroid Lesions by FNAC" at CYTOCME:2011, on 8th December 2011.
- Guest Lecture for Online Live Video Presentations In Pathology, by MDZAH (Mission N Dreamz Academy Hub Pvt. Ltd. Useful for MCI Screening test, USMLE and Post Graduate Medical Entrance Exam aspirants. www.mdcrack.tv . Available for online purchase.
- Contributory Author for Online Pathology Quiz –Conducted by KCIAPM (www.kciapm.org) (Karnataka Chapter Indian Association of Pathologists and Microbiologists) and participating actively in KCIAPM case presentations and activities.

- Contributor for Pathology Power point presentations for KCIAPM Website: <http://www.kciapm.org/index.php/blog/282-genetics>.
- Contributor for JIPMER- PG Entrance book “Target JIPMER” Second edition with eight years question papers solved (2006-2013).

Dr. Banushree C. S.

- Editorial board member of Indian journal of pathology and oncology.
- Editorial board member of Indian journal of pathology research and practice.

Ongoing Research Activities

1. Diagnosis of extra pulmonary tuberculosis. Dr. R. V. Bhat.
2. Micronucleus study in breast cytology smears-ICMR STS project. Dr. Sylvia.
3. C-Kit and PDGFR study in alopecia areata-Co investigator with dermatology department. Dr. Banushree.
4. To evaluate the knowledge attitude and practice towards tobacco consumption and its health hazards, among MPWs in tertiary care medical institute in Puducherry. Dr. Vinita.
5. Pattern of anemia in elderly patients admitted in tertiary care centre – student project , Guide: Dr. Sinhasan

Special services provided:

1. Providing PAP smear examination for screening Cervical Cancer.
2. Cytology –FNAC “Fine Needle Aspiration Cytology” for rapid diagnosis of cancers and other lesions.
3. Frozen section—for rapid diagnosis of cancers “on table” with surgeon willing to know early diagnosis and clearance of cancer margins.

Results of Second MBBS Students University Examination

S. No.	Year	Pass %	Number of Distinctions	Highest Score (out of 350)	Name of the Topper
1	2012	99.2	4	285	Mr. Karthik. K.
2	2013	99.2	15	277	Ms. Nivetha S.
3	2014	93.8	5	287	Ms. Manjubala M.

DEPARTMENT OF MICROBIOLOGY

Infrastructure, Facilities and Faculty

The Department of Microbiology aims to provide quality diagnostic services to patients and a conducive learning experience for students. The aim of our teaching programme is to address the needs of practicing medical graduates, in accordance with the Medical Council of India and the Pondicherry University. The Clinical Microbiology laboratory has separate processing areas for bacteriology, media preparation, immunology, serology, parasitology, mycology, mycobacteriology, virology and research. A 24 hour emergency facility is available within the Central Laboratory. The Clinical Microbiology services include Bacteriology, Mycology, Serology, Mycobacteriology and Parasitology. To save costs and enable greater process control, we have opted for manual processing of samples over automation. Bacteriology offers the Gram, ZN and Albert stain, with culture and antimicrobial sensitivity of nonfastidious bacteria. Medically important fungi are identified by routine mycology staining techniques and culture. Parasitology includes microscopy for protozoans/ helminths, and test for the presence of occult blood, in stool. Commercial rapid tests and ELISA are employed for HBsAg, CRP, ASLO, RA factor, RPR, Widal, Dengue and Chikungunya serology. These services are supported by in-house media preparation. The laboratory offers round the clock services, handling a total of 15,000 samples for culture and 15,000 for serology annually. Quality system essentials are in place for accurate reporting.

The laboratory participates in the External Quality Assessment Scheme (EQAS) of the 'Indian Association of Medical Microbiologists' since January 2012. The department also runs an Integrated Counseling & Testing Centre for HIV in collaboration with the Puducherry AIDS Control Society and National AIDS Control Organisation, New Delhi. We also collaborate and contribute to the successful running of the National programmes of Revised National TB Control Programme, National Vector Borne Disease Control Programme and Integrated Disease Surveillance Programme.

Faculty

Professor & Head: Dr. Nandita Banaji, MD, PhD

Associate Professor: Dr. A. Malini, MD
Dr. S. Srinivasan, MD

Assistant Professor: Dr. N. S. Madhusudhan, MD
Dr. M. Jayavarthinni, MD



Left to Right : *Sitting* : Dr. A. Malini, Dr. Nandita Banaji, Dr. S. Srinivasan
Standing: Dr. N. S. Madhusudhan, Dr. M. Jayavarthinni

Departmental Activities

- CME on “Tuberculosis – challenges in laboratory diagnosis and therapy” October 2014.
- CME on “Antimicrobials – Testing to Therapy” November 2013.

- The quarterly meet of the Indian Association of Medical Microbiologists- Pondicherry Chapter, November 2011, on 'Quality System Essentials' with Microbiology Quiz for postgraduates.
- Annual CME on 'Hospital Infection Control protocols, Antimicrobial testing resistance surveillance' for all in-house doctors and nursing staff during 2012, 2013 and 2014.
- Annual Micro Quiz competition for Institute Second MBBS students in 2012, 2013, 2014.

Research Publications

1. Banaji N, Oommen S. Towards a rational antimicrobial testing policy in the laboratory. *Ind J Med Microbiol*, July 2011;29(3):209-11
2. Malini A, N S Madhusudhan, S P Sinhasan, Basavanandswamy C H. A masquerading subcutaneous swelling caused by *Scedosporium apiospermum*: An emerging pathogen . *Ind J Path and Microbiol*. 2015;(1):115-7
3. Malini A and Bala Eshwar. Knowledge, Attitude and Practice of Biomedical Waste Management among health care personnel in a tertiary care hospital in Puducherry. *International Journal of Biomedical Research*, 2015;6(3):172-6.
4. Niranjana V, Malini A. Antimicrobial resistance pattern in *Escherichia coli* causing urinary tract infection among inpatients. *Indian J Med Res*, June 2014;139:945-8.
5. S Srinivasan, Aravind A. To study the prescription practices after the availability of antibiotic sensitivity reports in a tertiary care hospital. *International Journal of Biomedical Research*, 2014;5(2):136-7.
6. S Srinivasan, Madhusudhan N S. Prevalence of multidrug resistant pathogens in children with urinary tract infection: a retrospective analysis. *International Journal of Medical Research and Health Sciences*, 2014;3(4):95-8
7. Cherian J, Sampath S, Sunderamurthy S, Chavada V K, Vasudevan K, Govindasamy A. An outbreak investigation of Typhoid fever in Pondicherry, South India, 2013. *International Journal of Medical Science and Public Health*, 2015;4(2):256-61.

8. Madhusudhan N S and Mareena T. Study of surgical site infection in clean and clean contaminated surgeries in a tertiary care hospital. International Journal of Biomedical Research, 2014;5(8):490-3.

Special Professional Achievements

Dr. Nandita Banaji

- Trained and certified as Assessor, National Accreditation Board for Laboratories, New Delhi, 2011
- Nominated Assessor of State Reference Laboratories for HIV, NACO- CDC, USA initiative 2011- 12.
- Assistant Editor, Indian Journal of Medical Microbiology, 2008- 2010
- Obtained ICMR grant of Rs 9,00,000/- for multicentric research project on antimicrobial resistance.

Dr. A. Malini

- Certificate Programme in Hospital Infection Control – from The Sankara Nethralaya Academy, January 2015
- Delivered a guest lecture on ‘Outbreaks of Chikungunya –an Indian scenario’ at CME on Update on Arboviral diseases organized by IAMM –PY Chapter, Jan 2011.

Dr. S. Srinivasan

- Master Trainer for National Vector Borne Disease Control Programmes in Pondicherry, Sept 2012.
- Briefed on ‘Basic concepts of MRSA’ – on August 2011 to IGMC nurses.
- Undertook an audit on usage of Inj cefazolin in OT as part of HICC protocol.
- Resource person at Laboratory diagnosis of vector borne disease for PHC Medical officers at VCRC on 24.09.12 & 8.10.12.
- Resource person at District Level Trainers Training Programme on Vector Borne Diseases conducted by Indira Gandhi Medical College & RI, Puducherry in collaboration

with National Institute of Health and Family Welfare, New Delhi held at Puducherry from 17.12.12 to 22.12.12.

- Resource person at Laboratory diagnosis of Vector borne disease for PHC Medical officers at VCRC on 24.09.12 & 8.10.12.
- Resource person at District Level Trainers Training Programme on Vector Borne Diseases conducted by Indira Gandhi Medical College & RI, Puducherry in collaboration with National Institute of Health and Family Welfare, New Delhi held at Puducherry from 17.12.12 to 22.12.12.

Dr. N. S. Madhusudhan

- Certificate Programme in Hospital Infection Control – from The Sankara Nethralaya Academy, January 2015.

Dr. M. Jayavarthinni

- Recent Advances in Diagnostic Microbiology” talk delivered at CME on recent advances in laboratory medicine, at MTIHS, Puducherry on 20.04.15.
- Resource faculty for RNTCP Medical Officers training at IGMCRI, 2015

On-going funded research:

1. Community and hospital burden of antibiotic resistance in the Indian pediatric population; impact of probiotics and geography. Nandita Banaji, Malini A. ICMR funded multicentric study, 2012-2015.
2. Knowledge, Attitude and Practice of antibiotics among health care personnel in a tertiary care hospital from Puducherry. Vasantharajan, III MBBS student, Srinivasan S., ICMR STS project 2015.
3. Occupational exposure: A survey of Knowledge, Attitude and Practices about Needle stick injuries and splashes among Health care personnel in a tertiary care hospital. Dharanipradab M, III MBBS student, Madhusudhan N. S., ICMR STS project 2015.

Completed Research Projects:

1. Antimicrobial susceptibility pattern among E. coli causing UTI among inpatients and an Insight into their therapy. Niranjana, II MBBS student, Malini. A, ICMR STS project 2012.
2. To study the prescription practices after the availability of AST reports in a tertiary care. Aravind, II MBBS student, Srinivasan S, ICMR STS project 2012.
3. Surveillance of Dengue & Chikungunya fever in Puducherry – A hospital based study. Nandita Banaji, Srinivasan.S, Madhusudhan N.S. Interdepartmental study 2012-14.
4. Surveillance of in vitro antimicrobial resistance and its correlation with antimicrobial use in a tertiary care set up. Nandita Banaji, Srinivasan. S, Madhusudhan N.S. Interdepartmental study 2012-14.
5. Knowledge, Attitude and Practice of Biomedical waste management among health care personnel in a tertiary care hospital in Puducherry. Bala Eshwar, II MBBS student, Malini. A. ICMR STS project 2014.
6. A study to assist the treatment in a chronic case of CSOM by doing a microbial profile and sensitivity testing. Ivanna Jennifer, III MBBS student, Sophia A., ENT, Srinivasan S., ICMR STS project 2014.
7. Study of surgical site infection in clean and clean contaminated surgeries in a tertiary care hospital. Mareena T, II MBBS student, Madhusudhan N. S., ICMR STS project 2013.
8. Comparison of ZN stain (RNTCP) versus Fluorescent microscopy and modifications of cold stain to detect AFB from sputum samples. Amirthalingeswaran, II MBBS student, Madhusudhan N. S., ICMR STS project 2014.

Results of Second MBBS University Examination

S. No.	Year	Pass %	No. of distinctions	Highest score (out of 350)	Name of the Topper
1	2012	99	8	274	Mr. Karthik K.
2	2013	100	2	272	Mr. Baranitharan S.
3	2014	98	8	284	Mr. Dharanipradab M.

DEPARTMENT OF FORENSIC MEDICINE

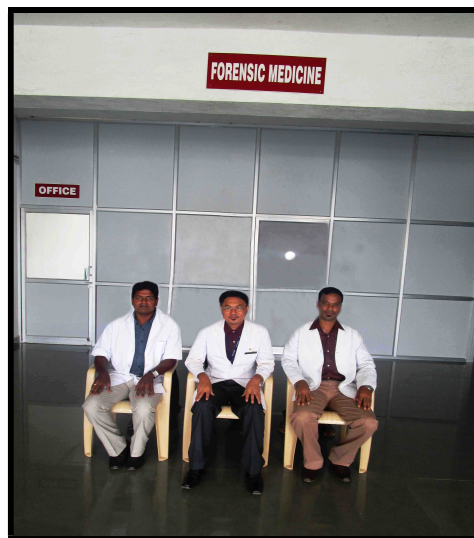
Infrastructure, Facilities and Faculty

The new autopsy block of size approx. 400 Sq. mt. area is adjacent to the hospital on the eastern side. It is a landmark for the college and the Union Territory of Puducherry. It has facilities for four cold storage (two six body cooling chamber each and two four body cooling chamber each) for cadavers, ante-rooms, washing facilities, duty rooms for faculty and mortuary dissecting assistants, one demonstration room with an accommodation capacity of 50 students, with state of the art audio-visual aids, a waiting hall and Police Room etc. The autopsy block has one autopsy workstation with accessories and one autopsy table with a plan for a video camera link to the demonstration room for students to observe post-mortem at one time. The autopsy block has an open lawn and a landscape garden. Medico-Legal Autopsy and other Medico-Legal Services have been started with effect from December-2014.

Faculty

Associate Professor & Head: Dr. Fremingston K. Marak, MD

Assistant Professor: Dr. Rajesh D. R., MD, PGDHA, FCIP
Dr. O. Murugesu Bharathi, MD



Left to Right : Dr. O. Murugesu Bharathi, Dr. Fremingston K. Marak, Dr. Rajesh D.R.

Departmental News

- Symposium was conducted on Medicine, Science and Law, 25-04-2015, IGMC&RI, Pondicherry.

Research Publications

1. Jonathan MD, Mihir K, Srinivasan SV, Jimsha VK, Fremingston M. Comparison of inter-canine and inter-molar width as an aid in gender determination: a preliminary study. *J Indian Acad Forensic Med.* 2014; 36: 168-172.
2. Jonathan MD, Srinivasan SV, Jimsha VK, Fremingston M. Comparative study of three different methods of overlay generation in bite mark analysis. *J Indian Acad Forensic Med.* 2015; 37(1):24-28.
3. Rajesh DR, Chhoker VK, Chikkara P, Abhishek S, Qadri SS, Yogesh K. Estimation of Stature from Foot Dimensions and Stature among South Indian Medical Students Using Regression Models. *JKIMSU.* 2015; 4(1): 95-99.
4. Shelesh G, Pankaj C, Virender KC, Abhishek S, Anu B, Rajesh DR, Nand KS. Perceptions of Relatives' towards Medico-Legal Investigation and Forensic Autopsy: A Survey from Rural Haryana. *J Indian Acad Forensic Med.* 2014; 36(4): 371-373.
5. Vakil N, Singh A, Jindal R, Rathinam RD, Kaur B, Chikkara P. Awareness of Health Insurance among the Patients Seeking Care at a Tertiary Care Dental Hospital in Northern India. *Indian Journal of Contemporary Dentistry.* 2015; 3(1): 38-41.

Special Professional Achievements

1. Dr. Fremingston Marak attended and Chaired the session on "TOXOCON-8", the eight Annual Conference of Indian Society of Toxicology; was organised by the department of Forensic Medicine and Toxicology, JIPMER, Puducherry, on 9th – 10th August 2014.
2. Dr. Fremingston Marak attended and Chaired the Scientific Session and free paper session on "Forensic Medicon-2015", the XXXVI annual National Conference of the Indian Academy of Forensic Medicine, organised by the department of Forensic Medicine, Sri Rama Chandra Medical College and Research Institute, Porur, Chennai, Tamilnadu, held on 23rd-25th January 2015.

3. Dr. Fremingston Marak is a Member of Institute Ethics Committee for Research on Human Subjects in Indira Gandhi Medical College & Research Institute, Pondicherry.
4. Dr. Fremingston Marak was a Member, Scientific Committee, "IAMLE-2011", the 2nd International Conference on Medical Negligence and Litigation in Medical Practice & 2nd International Conference on recent advances in Forensic Sciences, Forensic Medicine & Toxicology, on 20th – 21st February 2011, organized by the Indian Association of Medico-Legal Experts (Regd.), New Delhi, India at Hotel Reveria De Goa, Ximer, Arpora, Bardez, Goa-403518.
5. Dr. Fremingston Marak was a Member, Scientific Committee, "IAMLE-2012", the 3rd International Conference on Current trends in Forensic Sciences, Forensic Medicine & Toxicology & 3rd International Conference on Legal Medicine, Medical Negligence and Litigation in Medical Practice, on 3rd – 5th February 2012, organized by the Indian Association of Medico-Legal Experts (Regd.), New Delhi, India at Ramada Hotel, Jaipur, Rajasthan.
6. Dr. Fremingston Marak was a Member of Medical Board for age verification in 63rd Junior (Men & Women) National Basketball Championship, held on 23rd May 2012 to 31st May 2012, at Indira Gandhi Stadium, Puducherry.
7. Dr. Fremingston Marak was a Speaker on Post-mortem Examination demonstration (Live Autopsy demonstration) at SRAFCON-2012, a National Conference held on 26th August 2012 at Sri Ramachandra Medical College & Research Institute, Chennai, Tamilnadu.
8. Dr. Fremingston Marak was a Member, Scientific Committee, "IAMLE-2013", the 4th International Conference on Legal Medicine, Medical Negligence and Litigation in Medical Practice & 4th International Conference on current trends in Forensic Sciences, Forensic Medicine & Toxicology, on 25th – 27th January 2013, organized by the Indian Association of Medico-Legal Experts (Regd.), New Delhi, India & Institute of Education & Research, Noida, UP, at Uday Samudra Leisure Beach Hotel, Kovalam.
9. Dr. Fremingston Marak was a Speaker (Faculty) on Medico legal Documentation, organised by the Department of Forensic Medicine, Government Medical College, Villupuram, Tamilnadu co-sponsored by The Tamilnadu Dr. MGR Medical University, Tamilnadu held on 10th July 2013.

10. Dr. Fremingston Marak was a Member, Scientific Committee, “IAMLE-2014”, the 5th International Conference on Legal Medicine, Medical Negligence and Litigation in Medical Practice & 5th International Conference on current trends in Forensic Sciences, Forensic Medicine & Toxicology, on 25th – 27th February 2014, organized by the Indian Association of Medico-Legal Experts (Regd.), New Delhi, India & Institute of Education & Research, Noida, UP, at the International Centre Goa, Dona Paula, Goa, India.
11. Dr. Fremingston Marak was a Speaker (faculty) in Basic Course Workshop on “Medical Education Technologies”, organised by the department of Medical Education Unit, IGMC&RI, Puducherry, held on 9th – 11th April 2014.
12. Dr. Rajesh D. Rathinam received a Certificate on Basic Course Workshop on Medical Educational Technologies conducted by the MCI Regional Centre, Porur, Chennai.

On-going Research Projects

1. An appraisal of perceptions and factors that influence the decision of next-of-kin for organ donation: A study from coastal south India. Principal investigator: Dr. Fremingston Marak.
2. Perceptions of interns and residents regarding Medical Law, Health Care Ethics, Consent, Consumer Protection Act and Medical Negligence-A Cross-sectional study.

Principal investigator: Dr. O. Murugesu Bharathi

Results of Second MBBS University Examination

S. No.	Year	Pass %	Total number of distinction	Highest Marks obtained (out of 200)	Name of the Topper
1.	2012	99	-	148	Mr. Bimal Thapa
2.	2013	100	13	162 162	Ms. Nivetha Ms. Shanmathi. S.
3.	2014	94	-	147	Mr. Dharanipradab M.

DEPARTMENT OF COMMUNITY MEDICINE

Infrastructure, Facilities and Faculty

The first batch of MBBS students were admitted into the department of Community Medicine in the year 2010. The department has a community-oriented, student-centred, structured curriculum to train medical students to perform as effective physicians of first contact, functioning as an empathetic physician, effective communicator, efficient team leader and team member and ethical researcher. The department is equipped with capable, dedicated faculty, sufficient infrastructure, state of the art museum & laboratory. Faculty and students are encouraged and motivated to undertake research projects. Community-based interventions, health talks, health education sessions are conducted on a regular basis. This department also provides preventive, promotive and curative medical services at its Urban Health Training Centre, Lawspet and Rural Health Training Centre, Karikalampakkam.

Faculty

Professor & Head : Dr. Kavita Vasudevan P., MD
Associate Professor : Dr. Vijay Kantilal Chavada, MD
Dr. Devi K., MD
Assistant Professor : Dr. Johnson Cherian, MD, DNB
Dr. Lopamudra M., MD
Dr. Prakash M., MD
Dr. Prasanna T., MD
Dr. Thiruselvakumar D., MD
Dr. Yogesh Bahurupi, MD



Left to Right : *Sitting :* Dr. Lopamudra M., Dr. Devi K., Dr. Kavita Vasudevan P., Dr. Vijay Kantilal Chavada, Dr. Johnson Cherian.
Standing: Dr. Thiruselvakumar. D, Dr. Yogesh Bahurupi, Dr. Prasanna T., Dr. Prakash M.

Departmental activities

- World Health Day “Quiz Competition on Food Safety” for MBBS students of IGMC&RI was organized on 7th April 2015.
- Conducted one week Health Camp for lady students and women employees of Pondicherry Engineering College in March 2015
- Interns training Programme in RNTCP on 31st March 2015, Jenner theatre, IGMC & RI
- A State Level RNTCP Conference-2015 was organized on 25th March 2015 in IGMC & RI with participation from all medical colleges in Pondicherry
- “Poster competition on World AIDS Day” was organized with the support of Red Ribbon Club & IADV L on 1st December 2014
- “Poster Competition on World Rabies Day” for school students was organized on 22nd September 2014 in IGMC & RI
- “World TB Day - Poster competition” for MBBS students on 29th March 2014, 3rd floor Lecture Hall, IGMC & RI

- Training programme for Nursing staff on “Revised National Tuberculosis Control Programme” on 19th March 2014 in IGMC & RI.
- Training programme for Medical Officers in “Revised National Tuberculosis Control Programme” on 5th-6th February 2014 in IGMC & RI.
- Workshop on “Basic Epidemiology and Biostatistics. & Research Methodology”, 16th-19th September 2012, January 2013, May 2013 & November 2013, 3rd floor Lecture Hall, IGMC& RI.
- Health Awareness at Kathirkamam Girl’s Higher Secondary School: NSS Camp: Theme of the camp : Health, Public Sanitation and Personal Hygiene, VBDs, AIDS from 05th – 11th October 2013, Govt. Girls Higher Secondary School, Kathirkamam, Puducherry.
- 2nd Annual CME on Rabies was organized on 30th September 2013 in IGMC & RI.
- State Level inter-collegiate IAPSM Quiz Programme was organized on 19th September 2013 in IGMC & RI.
- Rabies awareness talk& Poster competition for school students in Kathirkamam Govt. Girl’s HSS was organized on 11th & 16th September 2011 in IGMC & RI.
- CME on Alcoholism was organized on 04th July 2013, 3rd floor Lecture Hall, IGMC& RI.
- State Level inter-collegiate Quiz for MBBS students on “Tuberculosis – Past issues, current scenario & future challenges” was organized on 27th March 2013 in IGMCRI.
- A “District Level Trainers Training in National Vector Borne Disease Control Programme” sponsored by National Institute of Health & Family Welfare was organized from 17th-21st December 2012 at Hotel Le Royal Park, Saram, Puducherry.
- Symposium on “Dengue & Chikungunya Fever” in Puducherry was organized for faculty of IGMC&RI on 16th May 2012 at Jenner theatre, IGMC & RI.
- Photo contest on World Health Day theme was organized for II MBBS students on 7th April 2012 at IGMC&RI.
- Poster competition on World AIDS Day was organized on 1st December 2011 for II MBBS students.

- Workshop on “How & What to teach in Community Medicine” was organized for faculty of Community Medicine in all medical colleges in Pondicherry in August 2011.
- Workshop in “Diabetes management in primary care setting in Puducherry” was organized for PHC Medical Officers in April 2011 & July 2011 at the NRHM Conference hall & IGMC&RI respectively.

Research Publications:

1. Vasudevan K, Jayakumar N, Gnanasekharan D. Smear conversion, treatment outcomes and the time of default in registered tuberculosis patients on RNTCP DOTS in Puducherry, South India. *J ClinDiagn Res* 2014; 8(10): J05-08.
2. Umamaheswari K, Vasudevan K. Effect of exercise on Lipid profile levels. *J ClinDiagn Res* 2014;8(7): 08-10.
3. Shewade HD, Palanivel C, Balamurugesan K, Vinayagamoorthi R, Sunderamurthy B, Vasudevan K. Feasibility of opportunistic screening for type 2 diabetes mellitus: Need for intervention to improve follow up. *J Soc Health Diabetes* 2015;3:43-7.
4. Palanivel C, Selvaraj K, Thekkur PK, Ramasamy G, Mahalakshmy T, Vasudevan K. Age and Sex Differences in Sputum Smear Microscopy Results for Acid Fast Bacilli in a Tertiary Care Centre, South India. *Journal of Respiratory Medicine*, vol. 2014, Article ID 674942, 5 pages, 2014. doi:10.1155/2014/674942.
5. Raghuraman S, Vasudevan PK, Govindarajan S, Palanivel C, Panigrahi KC. Prevalence Of Diabetes Mellitus Among Tuberculosis Patients In Urban Puducherry. *NAJMS* 2014;6(1):30-4
6. Nikhil SV, Rizwan SA, Chellaiyan VG, Kavita V, Upadhyay RP, Palanivel C. Profile of patients attending an animal bite management clinic in rural puducherry, India. *Int J of tropical disease* 2014;4(3):306-310.
7. Kavita Vasudevan P, Umamaheswari K, Vedapriya DR. Epidemiological study of domestic violence among married women in rural area of Pondicherry. *International Journal of current research* 2013;5(11):3480-482.

8. Palanivel C, Jayalakshmy R, Kavita V, Gurumurthy J, Upadhyay RP , Panigrahi KC. Level of awareness about tuberculosis in urban slums: implications for advocacy and communication strategy planning in the national programme. *Lung India* 2013;30(2):139-42.
9. Pajanivel R, Palanivel C, Kavita V, Manju R. Respiratory health status of traffic police men in Puducherry, South India. *International Journal of Current Research and Review* 2013; 5(7):87-91.
10. C Palanivel, A M V Kumar, T Mahalakshmi, S Govindarajan, M Claassens, S Satyanarayana, D Gurumurthy, Kavita V, A Purty, A K Paulraj, K V Raman. Uptake of HIV testing and HIV positivity among presumptive tuberculosis patients at Puducherry, South India. *Public Health Action* 2013; 3(3):220-23.
11. Vasudevan K, Umamaheswari K, Vedapriya DR, Palanivel C. Overweight and obesity in young adults: food for thought. *International Journal of Current Research and Review*. 2012; 04(24):38-42.
12. Umamaheswari K, Kavita V, Anuradha N, Anitha A, Vedapriya DR, Dhanalakshmi Y. Anemia and its anthropometric correlation in primary school children. *Biomedicine* 2012; 32(2).
13. Vedapriya DR, Mittal A, Lavanya K, Vasudevan K, Umamaheswari K, Balamrugavelu S. BMI Or IDRS-Which Is The Better Predictor Of Risk For Developing Diabetes Mellitus South Indian Study . *International Journal of Current Research* 2012; 4(10): 149-151.
14. Umamaheswari K, Bhaskaran M, Krishnamurthy G, Hemamalini, Kavita V. Effect Of Iron & Zinc Deficiency On Short Term Memory In Children. *Indian Pediatrics* 2011;47:289-93.
15. Vedapriya DR, Mittal A, Mahajan P, Kavita V, Balamuruganvelu S, Umamaheswari K. Prevalence Of Overweight Among Adults In Arural Area Of Tamil Nadu. *Ind. J Nutr Dietet* 2010;47:404-8.
16. Chavada VK, Rajeshkumar K, Panigrahi KC. Profile of Ocular Complaints among Computer Users: An Eye Opener. *Annals of Pharma Research* 2013; 01(01):25-31.
17. Chavada VK, Rajeshkumar K, Panigrahi KC, Sankarnarayanan S. Prevalence and perceptions regarding obesity, body image and weight reducing practices among college girls of Mumbai, India. *Canad J ClinNutr* 2013; 2: 18-24.

18. Chavada VK, Rajeshkumar K, Panigrahi KC, Sanakaranarayan S. Risk perception regarding HIV AIDS of wives whose husbands are staying away from them in an Urban Slum area of Mumbai, INDIA. IOSR J Dent Med Sci 2013;9:22-25.
19. Devi K, Punitha A. Study of Quality of work life among employees of BPO sector in Chennai. International Journal of Business Management 2014; 115(2):175 -181.
20. Devi K, Karunakaran S. Modular Teaching as a method of training medical officers on RNTCP in Cuddalore district. The Journal of Chest disease and Tuberculosis. 2015;108:145-148.
21. Devi K, Punitha A. Emotional exhaustion and vulnerability status due to stress among Business Process Outsourcing Employees in Chennai. International Journal of Management Research. 2015;3(2):166-174.
22. Devi K, Punitha A. Study of Physical exhaustion due to stress among Business Process Outsourcing Employees in Chennai. American Journal of advances in Medical science. 2014;2(2):34-41.
23. Gupta SK, Purty AJ, Singh Z, Bazroy J, Cherian J. Knowledge, attitude & practice study of human deficiency virus and acquired immune deficiency syndrome (HIV/AIDS) among rural population of Tamil Nadu (India). Indian Journal of Community Health 2012;24(4):264-68.
24. Purty AJ, Mahajan P, Singh Z, Meenakshi A, Murugan N, Cherian J. Assessment of Iodine deficiency disorders using 30 cluster approach in Puducherry (India). Indian Journal of Public Health Research and Development 2014;6(2):1-5.
25. Murugan N, Chauhan R C, Cherian J, Purty AJ, Singh Z, Joice S. Patient and health system delay among pulmonary tuberculosis patients diagnosed at medical college hospitals in Puducherry, India. International Journal of Research in Medical Sciences 2015;3(1):188-93.
26. Cherian J, Sampath S, Sunderamurthy S, Chavada V K, Vasudevan K, Govindasamy A. An outbreak investigation of Typhoid fever in Pondicherry, South India, 2013. International Journal of Medical Science and Public Health 2015;4(2):256-61.
27. Cherian J, Singh Z, Bazroy J, Purty A J, Murugan N, Chavada V K. Study of Morbidity pattern among salt workers in Marakkanam, Tamil Nadu, India. Journal of Clinical and Diagnostic Research 2015;9(4):1-3.
28. Poornima V, Lopamudra M, Murugan V. Health Care Expenditure of Rural Households in Pondicherry, India. Int J Med Students 2013;1(2):74-9.

29. Lopamudra M, Dongre AR. Orientation of Medical Undergraduates to Community Nutrition. South-East Asian Journal of Medical Education.2013; 7(1):89-92.
30. Lopamudra M, Premarajan KC. Adolescent girls of a Slum of Puducherry: A reflection on their food habits. National Journal of Research in Community Medicine. 2013;2(2):89-97.
31. Lopamudra M, Premarajan KC. Social Context in which Adolescents Eat- Experience from an Urban Slum of India. International Journal of A J Institute of Medical Sciences 2013;2(1):31-39.
32. Thirunavukarasu MR, Lopamudra M, Dongre AR. Tuberculosis Default: A Qualitative Exploration in Rural Puducherry. National Journal of Research in Community Medicine. 2014;3(1):47-52.
33. Salwe KJ, Sachdev DO, Bahrupi YA, Kumarappan M. Evaluation of antidiabetic, hypolipidemic and antioxidants activity of hydroalcoholic extracts of leaves and fruits peel of Punica granatum in male Wistar albino rats. Journal of Natural Science, Biology and medicine 2015;6(1):56-62

Faculty as Resource person/ chairperson/ guest speaker

Dr. Kavita Vasudevan

- Resource person in the Workshop on “Diabetes Management in Primary Health Care Setting” organized by Puducherry State Health Mission in July 2011.
- Panelist in a panel discussion during the workshop on How &What to teach in Community Medicine”.
- Resource person in the District level training of Medical officers in National Vector Borne Disease Control Programme in December 2012, June 2013.
- Resource person in the State level training of Medical officers & paramedical staffs in HIV sentinel surveillance in December 2012.
- Chairperson for scientific paper presentation at IAPSM Puducherry state conference at PIMS, Pondicherry in 2013.
- Panelist in the panel discussion held during the International conference on “Research for prevention and control of NCDs” at PIMS,Puducherry. 13-14 January, 2015.

- Guest speaker in the RNTCP state level conference organised by IGMC&RI and the State TB Office, Puducherry on 25th march 2015.
- Guest speaker in Panel discussion on NHP 2015 organised by the Directorate of Health and family welfare, Government of Puducherry on 31st march 2015.
- Dr. Kavita Vasudevan and Dr. Johnson Cherian were resource persons in the Training programme for Medical Officers and nursing personnel in RNTCP at Indira Gandhi Medical College & Research Institute, Pondicherry in February & March 2014.
- Dr. Kavita Vasudevan and Dr. Johnson Cherian were resource persons in the MCI sponsored Basic workshop on Medical education Technologies for faculty at IGMC&RI, Pondicherry in April 2014.
- Dr. Kavita Vasudevan and Dr. Johnson Cherian were resource persons in the Interns Orientation Programme in IGMC&RI in January 2015.
- Dr. Vijay Chavada chaired a session on Non Communicable Disease at the 5th National Conference on Students' Medical Research, held at Medical College, Thiruvanthapuram, Kerala India on 13th and 14th January, 2012.
- Dr. Devi K was a Panel member for panel discussion on “Adolescent Health and Nutrition” for female students and women employees of Pondicherry Engineering College (PEC) on 13th, March, 2015.
- Dr. Kavita Vasudevan, Dr.Chavada, Dr. Devi and Dr. Johnson Cherian were resource persons in the training programme for Interns in RNTCP conducted by IGMC and State Tuberculosis Unit, Pondicherry on 31st, March, 2015.
- Dr. Johnson Cherian was Invited guest speaker for CME on “Rabies: 100% Risk, 100% Fatal, 100% preventable as well” at St. Joseph of Cluny hospital, Puducherry. 14 September, 2014.
- Dr. Johnson Cherian was Invited guest speaker – “School health services in India” at Vinayaka Mission's college of Nursing, Puducherry. 10 April, 2015.
- Dr.Thiruselvakumar D, Dr. Prasanna T, Dr. Prakash M, Dr.Yogesh B, Dr. Devi K & Dr. Vijay Chavada were resource persons at IDSP Puducherry training (Dec 2014 –March 2015) for – Medical Officers from PHCs / CHCs, Junior Residents / Tutors of Medical Colleges, Health Inspectors and Health Assistants, Auxiliary Nurse Midwives.

- Dr.Prasanna T was a guest speaker in Workshop on Breastfeeding & IYCF conducted by NYCF Foundation & Mother Theresa Post Graduate and Research Institute & Health Sciences (MTPGRIHS) 04.02.2015 at Vinayaka Mission College of Nursing, Puducherry.
- Dr.Thiruselvakumar D was Guest speaker at a Higher Secondary School in Kathirkamam on Child Sexual Abuse.
- Dr.Thiruselvakumar D attended the State level Medical Officers' Sterilization Programme regarding resurgence of H1N1 cases in Puducherry as a State level Public Health Consultant.

Other professional achievements

Dr. Kavita Vasudevan P.

- Co-ordinator of the Medical Education Unit in IGMC&RI
- MBA (Hospital management) from Alagappa University, Karaikudi
- Nominated as the RNTCP State Task Force-Operational Research Vice Chairperson
- Member of the State Surveillance team for HIV Sentinel Surveillance
- Executive council member for the IAPSM Puducherry Chapter
- Undergoing the MCI-recognised Advanced Course in Medical Education at SRMC, Porur, Chennai.

Dr. Devi K.

- Won the “Photon Young Scientist award, 2014”, for excellent research on “Study of quality of worklife among employees of BPO sector in Chennai”.
- Member of RNTCP core committee at IGMC & RI.

Dr. Johnson Cherian

- Awarded MNAMS (Member of the National Academy of Medical Sciences) in the year 2014 by National Academy of Medical Sciences (India), Govt. of India, New Delhi.

- Selected for the prestigious 2 year FAIMER Fellowship (Philadelphia, USA) on Medical Education at FAIMER Regional Institute, PSG Coimbatore for the batch 2014-15
- Treasurer of IAPSM Puducherry chapter and EC member of IPHA Puducherry chapter
- Undergoing the MCI-recognised Advanced Course in Medical Education at SRMC, Porur, Chennai

Dr.Thiruselvakumar D

- Has completed MBA (Hospital Management) - First Class Alagappa University, Karaikudi (Aug/Sept 2014)
- Member of State level rapid response team for Ebola.

Dr. Prasanna T.

- Trained as Master trainer on Public health Preparedness and Response to Ebola virus disease at NHFW, New Delhi.
- Selected and trained in Operational research at AIIMS, New Delhi.

Community service & special patient service provided:

1. Daily health talks are given by interns in the health centers on common health topics. Health education sessions using role-plays, posters and flip charts are undertaken on a regular basis by the students during their clinical postings in the community.
2. A Health camp for 5 days was organized for the female students and women employees of Pondicherry Engineering College in March 2015. Apart from diagnosing medical problems, hemoglobin estimation was done to identify those with anaemia.
3. Two rounds of Pulse polio Immunization activity was undertaken in both UHTC Lawspet and RHTC Karikalampakkam in January and February 2015. Interns, residents and faculty of the department were involved as volunteers, manning many booths and involved in house- house survey activity.
4. Rally was undertaken on the occasion of World AIDS Day 2014 by the first MBBS students to increase the awareness regarding HIV/ AIDS

5. Residents and faculty of the department were involved in the Mass Drug administration campaign for elimination of Filariasis in Puducherry in 2012.
6. The department was involved in organizing an Immunization camp for migrant population of workers in the campus in June 2010.
7. NCD Screening for all above 25 years of age carried out by Interns at UHTC since February 2015.

Infrastructure development in the department

1. Primary Health Centre, Lawspet was designated as the Urban Health Training Centre (UHTC) in 2013 attached to the department of Community Medicine. The faculty and residents of the department are involved in providing routine and emergency medical services at the UHTC. Community-based teaching and family health advisory programme for the undergraduate medical students are conducted here. Interns training in primary health care and many research projects are also undertaken here.
2. Community Health Centre, Karikalampakkam, was designated as the Rural Health Training Centre (RHTC) and the Model Rural Health Research Unit (MRHU) in August 2014. Interns training as a residential posting are undertaken at the RHTC.
3. Quarters for Residents and Interns along with Mess block at RHTC, Karikalampakkam was renovated and inaugurated in March 2015.

Innovations in Medical Education

1. Teaching Public Health Research Skills to Medical Undergraduates by giving hands on training during clinical posting. (Dr. Kavita Vasudevan)
2. Enhancing Communication Skills of Interns in a Primary Health Care setting. (Dr. Kavita Vasudevan)
3. Planned and Prepared OSPE questions and keys to be used for evaluation of MBBS Students for Community Diagnosis Postings in IGMC&RI. (Dr. Devi)
4. Assessing the perceptions of biostatistics and epidemiology: Views of medical students-A Cross-sectional survey of strengths and weaknesses of teaching. (Dr. Vijay Chavada)

5. Newspaper as a tool for teaching public health issue to undergraduate MBBS students: An exploratory study – MCI Advanced course on Medical education. (Dr. Johnson Cherian)
6. Sensitization of undergraduates to Qualitative research using case vignettes, participatory action, research and transect walk etc. was done. (Dr. Lopamudra)
7. The public health aspects of medical entomology being considered as important for the undergraduates, combined sessions were planned consisting of lectures, demonstration of live specimens from Vector Control and Research Centre (VCRC), case- scenario based exercises and quiz sessions to evaluate them.(Dr. Lopamudra)

Ongoing Research Activities

1. Assessment Of Iodine Deficiency Disorders Among School Children aged 6-12 years in Puducherry UT: Funded by Government of Puducherry, Dr. Kavita Vasudevan, Dr. Vijay Chavada & Dr. Devi K, Associate Professor, Community Medicine, Dr. SharbariBasu, Associate Professor & Dr. Vinayagamoorthy, Assistant Professor, Biochemistry; Dr. Johnson Cherian, Dr. Lopamudra M, Dr. Prakash M, Dr. Prasanna T, Dr. Thiruselvakumar D& Dr. Yogesh B, all Assistant Professors, Community Medicine, IGMC&RI
2. Prevalence of Diabetes in adult TB patients on DOTS and its association with TB treatment outcomes in Pondicherry: RNTCP STF OR Project funded by PSHM; Dr. Kavita Vasudevan, Dr. Venkateswara Babu, Associate Professor, Chest Medicine, Dr. Johnson Cherian, Dr. Lopamudra Assistant professor, Community Medicine.
3. Enhancing communication skills of interns in a primary health care setting: A MCI Advanced course on medical education project. Dr. Kavita Vasudevan, Dr. Johnson Cherian, Dr. Lopamudra, Dr. Prakash M, Dr. Prasanna T, Assistant professor, Community Medicine.
4. Prevalence of Diabetes Mellitus and its Risk factors in persons with HIV infection, Dr. Kavita Vasudevan, Dr. Archana M.
5. Maternal and fetal outcomes in patients with gestational diabetes in IGMC&RI- a comparative study: Dr. Kavita Vasudevan, Dr. Arya Ramachandran

6. Effect of various environmental pollutant agents on the Health of Drivers of Puducherry: An occupational hazard. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian.
7. Assessment of prevalence of Noise induced hearing loss, Peak Expiratory Flow rate and few risk factors for non communicable diseases among drivers of Puducherry. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian (Co- Investigator)
8. An ICT based telemedical system testing for Health care delivery and promotion of health intervention for people of Pondicherry. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian.
9. To operationalise Comprehensive Health Care Clinic of Geriatric people attending Tertiary Care Hospital Puducherry. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian .
10. Behavioural risk factors for non-communicable diseases in working and nonworking women of urban slums of Puducherry. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian.
11. Feasibility of setting up a Comprehensive Geriatric Health Care Clinic under Department of Community Medicine IGMC & RI at RHTC Karikalampakkam, Puducherry. Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian.
12. Study of BMI, Waist-Hip Ratio, Lipid Profile in Normotensive And Hypertensive Males Attending Tertiary Care Hospital: A Case control study Dr. Vijay Chavada, Dr. Kavita Vasudevan, Dr. Johnson Cherian.
13. Knowledge, Attitude and Practices of Blood donation among college students in Pondicherry. Dr. Devi K, Dr. Kavita Vasudevan, Dr. Haridha, Dr. Dhivyalakshmi, Community Medicine.
14. Awareness of Organ donation among young adults in urban and rural areas of Pondicherry. Dr. Devi K.
15. Learning needs assessment on current public health issues in undergraduate community medicine curriculum in Puducherry.- A FAIMER Fellowship project. Dr. Johnson Cherian, Dr. Kavita Vasudevan, Dr. Vijay Chavada.

16. Newspaper as a tool for teaching public health issues to medical undergraduates: An exploratory study – A MCI Advanced course on medical education project. Dr. Johnson Cherian, Dr. Kavita Vasudevan, Dr. Vijay Chavada.
17. Adverse treatment outcomes and its risk factors among TB patients registered under RNTCP in Puducherry – A community based cohort study- Funded by RNTCP. Dr. Johnson Cherian, Dr. Kavita Vasudevan, Dr. Vijay Chavada.
18. Surveillance of Dengue and Chikungunya in Puducherry – A hospital based survey. Dr. Johnson Cherian, Dr Nandita Banaji, Dr Srinivasan, Dr.Madhusudhan, Dr.Bhuvaneshwari, Dr.P.Sriram, Dr.Sinhasan.
19. Reporting of IDSP diseases in a tertiary care medical institution in Puducherry. Dr. Johnson Cherian, Dr Dhivyalakshmi, Dr Vijay Chavada, Dr Kavita Vasudevan.
20. Community perceptions on dog bite in Puducherry - A qualitative exploratory study. Dr. Johnson Cherian, Aravindan V.
21. Low Birth Weight: Prevalence and associated risk factors as seen in a tertiary care teaching hospital in Puducherry Dr. Johnson Cherian, Dr. Bhupathy, Dhanyamol.
22. Assessment of perceived educational environment during Internship at IGMC&RI using Post-graduate Hospital Educational Environmental Measure: Dr. Prasanna T, Dr. Kavita Vasudevan, Dr. Thiruselvakumar.
23. Dietary modifications and planned physical activity - self-monitoring and management among known diabetics in a Primary Health care setting in Urban Puducherry – a mixed methods study. Dr. Thiruselvakumar D., Dr. Prasanna T, Dr. Yogesh B.

Results of Third MBBS University Examination

S. No.	Year	Pass %	No. of distinction	Marks obtained by topper (out of 350)	Name of the Topper
1	2013	100	-	261	Ms. E. Shivaranjani
2	2014	100	14	280	Ms. Revadi S.

DEPARTMENT OF OTORHINOLARYNGOLOGY (ENT)

Infrastructure, facilities & faculty

The department of ENT has experienced faculty & dedicated senior & junior residents who run the department efficiently. The department has 30 beds for inpatient care & two operation theatres (1 main & 1 minor).

In the outpatient department we treat about 170 patients on an average everyday.

The outpatient department is equipped with 0 degree & 30 degree Hopkins rod Nasal endoscope for diagnostic & therapeutic examination of nose, larynx and pharynx.

The outpatient department has a qualified and experienced Audiologist & Speech therapist. The audiolab is equipped with latest audiometer for evaluation of hearing.

We also perform Head & Neck Cancer surgeries apart from routine ENT surgeries.

Faculty

Professor & Head : Dr. Kumaran @ Ramesh Colbert, MBBS, MS, DNB, DHM

Assistant Professor : Dr. A. Sophia, DLO, MS, DNB



Left to Right : Prof. Kumaran @ Ramesh Colbert, Dr. Sophia. A.

Departmental Activities

- Routine ENT surgeries, ENT and Head & Neck Cancer surgeries, Endoscopic sinus surgeries.
- Weekly Journal club, Seminars.
- Attending monthly AOI meeting (Association of Otolaryngologists of India)

Research Publications

1. Kumaran @ Ramesh Colbert, Diagnosis and Management of Deeper Neck Infections – A Review. IOSR-JDMS 2013; 9(5):36-41.
2. Kumaran @ Ramesh Colbert, Harmonic Scalpel versus Conventional Technique of Tonsillectomy-A prospective study. IOSR-JDMS 2014;13(1):33-36.
3. Kumaran @ Ramesh Colbert, Computer Tomography and Surgical correlation in Unsafe Ear.IOSR-JDMS 2014;13(6):07-12.
4. Kumaran @ Ramesh Colbert, Odontogenic Maxillary Sinusitis - Need for Multidisciplinary approach - A Review. IOSR-JDMS 2014;13(6):25-30.
5. Sophia A. Audiovestibular Profile in Migrainous vertigo(MV). Med –EJ, The official e-journal of The Tamil Nadu Dr.M. G.R. Medical University 2012;2(2).
6. Sophia A. Iatrogenic sinus thrombophlebitis – A case report. Egypt J Ear Nose Throat and Allied Sciences 2012;(13):95-97.
7. Sophia A. Rhino Orbito Cerebral Mucormycosis (ROCM) –A Retrospective analysis of 31 patients. Med –EJ, The official e-journal of The Tamil Nadu Dr.M. G.R. Medical University 2013;3(1)
8. Anjali Lepcha, Sophia Amalanathan, Ann Mary Augustine, Amit Kumar Tyagi, Achamma Balraj. Flunarizine in the prophylaxis of Migrainous Vertigo - a randomised controlled trial. European Archives of Otolaryngology 2014; 271(11):2931-36.

Special Professional Achievements

Dr. Kumaran @ Ramesh Colbert

- Completed basic course workshop on Medical Education Technologies held at SRMC, July 2013.

- Resource person in first basic course on Medical Education Technology held at IGMC&RI, April 2014 and delivered a talk on MCQ writing and validation.
- Attended the Live ENT Surgical Workshop, held “ENT TODAY” and chaired a session on endoscopic DCR & FESS, in August 2014.
- Attended the workshop on obstructive sleep apnea & chaired a session on Z palatoplasty (ZPP) in Feb 2015 at MGMC&RI, Puducherry.

Dr. Sophia A.

- Guided ICMR project in ENT- July-September 2014, REFERENCE ID: 2014-03824, Titled “A Study to Assist the Treatment in a case of Chronic Suppurative Otitis Media by doing Microbial Profile and Sensitivity Testing”.
- Completed Basic course in Medical education technologies in April 9-11, 2014.
- Chaired sessions at ENT UPDATE in JIPMER on August 30th and 31st, 2014.

Results of Third MBBS University Examination

S. No.	Year	Pass %	Number of distinction	Highest marks secured (out of 200)	Name of the Topper
1	2013	99	4	160	Mr. Logamoorthy R.
2	2014	100	11	168	Ms. Shanmathi S.

DEPARTMENT OF OPHTHALMOLOGY

Infrastructure, Facilities and Faculty

The department of ophthalmology is equipped with experienced faculty and facilities for patient care with sufficient learning materials for students. Ocular examination with slit lamp examination, direct and indirect ophthalmoscopy, A scan, Keratometer, gonioscopy, visual field analyser, retinoscopy, non contact tonometer etc are being performed. Upgradation of medical & surgical retina services with funds from NPCB is in process. The department offers structured academic programme for the undergraduate medical students. Students are encouraged to participate in quiz competitions and to carry out project like ICMR- STS. Our students won the first prize in OCULOFEST quiz competition for two consecutive years. We encourage our students to present topics of importance in seminars/ small group discussions which help them to improve their presentational skills and their knowledge.

Faculty

Associate Professor & Head: Dr. N. Ezhilvathani, MBBS, MS

Associate professor : Dr. T. Vijhaya Priya, MBBS, MS, DNB



Left to Right : Dr. N. Ezhilvathani, Dr. T. Vijhaya Priya

Departmental Activities

- Cataract clinic - High quality Small Incision Cataract surgery and State of the art Phacoemulsification surgeries are performed. Nd YAG laser to treat posterior capsular opacification occurring after cataract surgery is available
- Neurophthalmology clinic provides comprehensive care to patients with visual disturbance from optic nerve diseases, central nervous system disorders and ocular motility dysfunction.
- Glaucoma clinic is equipped with Humphrey's visual field analyser and patients with glaucoma are treated at very early stages even before there is significant loss of vision. Surgeries like Trabeculectomy with mitomycin C is performed for patients who do not respond to medical management.
- Orbit & Oculoplasty Clinic - patients with thyroid eye diseases, nasolacrimal duct obstruction and eyelid malpositions (Ptosis, entropion, ectropion), socket surgeries like evisceration / enucleation with implantation are performed.
- Retina clinic - patients with diabetic retinopathy, macular degeneration, retinal detachments or tears, macular holes, retinopathy of prematurity and retinitis pigmentosa are diagnosed and treated as per the facilities available.

Research Publications

1. Ezhilvathani N, Thiagarajan. An Orbital Cellulitis demanding multispeciality management. SPUB-Internet scientific publications 2010: 8(1) ISSN: 1528-8269.
2. Prevalence of goitre & Urinary Iodine status of school children in Puducherry – 2009 Directorate of Health & Family Welfare services, Department of Health, Puducherry.
3. Usha S. Adiga, Adline Harris, T.N. Ezhilvathani, Sharbari Basu. Serum electrolytes in senile cataract patients. Al Ameen J Med Sci, 2014;7(2):164-168, ISSN: 0974-1143.
4. Ezhilvathani N, Sanjay Theodore, Siddartha. Non-Arteritic Anterior Ischemic Optic Neuropathy in a patient with bilateral carotid plaques following coronary artery bypass surgery. International Journal of Recent trends in Science and Technology 2014; 11(1):113-115.

5. Ezhilvathani N, Thiagarajan, Venkatesan P. A silent presentation of a Pituitary macroadenoma – detected by simple colour vision evaluation, International journal of Recent Trends in Science and Technology, ISSN: 2277-2812 ESSN: 2249-8109.
6. Ezhilvathani N, Hari VS. Early sub-periosteal and Intra-orbital haematoma evacuation in traumatic skull and panorbital fracture – Vision saving and Life saving. Int J Curr Res Rev 2014; 6(17)
7. S.Arul Murugan, T. Vijhaya Priya, L.Vijayasundaram. Diabetic Retinopathy And Early Diabetic Nephropathy In Diabetes Mellitus - Case Report. Journal of Current Trends in Clinical Medicine & Laboratory Biochemistry 2013; 1(2):32.
8. Dr.S.Devakumari, Dr.T.Vijhayapriya, Trigemino Cardiac Reflex and Its Importance in Maxillofacial Surgery- A Review. IOSR-JDMS 2013;12(2):07-11.
9. T Vijhaya Priya, CV Baba, Rathinakumar, S Arul Murugan, B Sai Ravi Kiran, and E Prabhakar Reddy. Evaluation of Safety and Efficacy of Laser Assisted In situ keratomileusis for Correction of High Myopia - A Retrospective Study. RJPBCS 2014; 5(3):100.

Special Professional Achievements

Dr. Ezhilvathani

- Was a High volume advanced cataract and microsurgical surgeon including Phacoemulsification at Aravind PG Institute, Madurai.
- Has undergone training in Orbit and Oculoplasty – Aravind PG Institute, Madurai.
- Fellowship in Ocular Oncology, Orbit, Oculoplasty and Ocular aesthetics under Dr. Santhosh Honavar & Dr. Milind Naiyak – LV Prasad Eye Institute, Hyderabad
- Medical Retina Laser & Surgical Retina fellowship under Dr. Rajkumar & Dr. Salman – Joseph Eye Institute, Thiruchirapalli.
- Fellowship in Vitreo-retinal & ocular oncology including Brachytherapy under Dr. Mahesh P Shanmugam – Sankara Eye Hospital, Bangalore.
- Performing surgeon for Orbit, Oculoplasty, Glaucoma, Ocular surface disorders and Ocular trauma at IGMC & RI.

- Performed excision of cyst with amniotic membrane graft and pterygium excision with amniotic membrane graft using human fibrin glue for the first time at IGMC & RI in April 2015.
- *Member of Professional Bodies:*
Life Member of All India Ophthalmic Association.
Life Member of Delhi Ophthalmic Society.
Life Member of Tamil Nadu Ophthalmic Association.
Life Member & Executive Member of Pondicherry Ophthalmic Association.
Life Member of Ocular Trauma Society of India.
Life Member of Oculoplastic Association of India.
Life Member of RETNET, India.

Dr. T. Vijhaya Priya

- Short Term Phacoemulsification training - Aravind Eye Hospital- Pondicherry.
- Short Term Fellowship in Medical & Surgical Retina- Regional Institute of Ophthalmology, Egmore, Chennai.
- Delivered talk as Guest Speaker on " Diabetes and eye " in workshop on 'Diabetes Management in Primary Care Settings on 29th& 30th April 2011 at Pondicherry State Health Mission (NRHM).
- Delivered talk as Guest Speaker on " Diabetes and eye " in workshop on 'Diabetes Management in Primary Care Setting held on 29-30th July 2011 at IGMC & RI.
- Attended the faculty development program conducted at IGMC& RI in 2014.

On-going Research Projects

Dr. Ezhilvathani

1. A comparative study of tissue glue and vicryl suture for closing of amniotic membrane grafts and histological evaluation following pterygium excision.
2. Vitamin A deficiency & night blindness.
3. To establish the causative organisms in blepharitis.

Results of Third MBBS University Examination

S. No.	Year	Pass %	Number of distinctions	Highest Marks obtained (out of 200)	Name of the topper
1	2013	99	7	159	Mr. Vishnukumar R.
2	2014	100	20	165 165	Mr. Bharanitharan S. Mr. Vignesh Raja K.

DEPARTMENT OF GENERAL MEDICINE

Infrastructure, Facilities and Faculty:

The Department of General Medicine is among the biggest departments of the institute in terms of faculty, student academics, inpatient, outpatient and casualty visits. The department manages 120 inpatient beds, 10 ICU beds and a daily outpatient census averaging 400-450. Student academic programs are staggered over seven semesters by dedicated faculty who perform both theory and clinical classes alongside patient management. The department routinely conducts seminars for both undergraduate students and residents who oversee routine inpatient care

Faculty

Professor & Head: Dr. Balasubramanian R., MD

Associate Professors: Dr. K. Balamurugesan, MD
Dr. Kavitha B., MD, DNB
Dr. Stalin Viswanathan, MD
Dr. Balasubramanian R., MD

Assistant Professors: Dr. Dheeraj Jain, MD
Dr. Bhuvaneswari K., MD
Dr. B. Raghul, MD
Dr. S.Vinod Kumar, MD
Dr. Rajalakshmi E., MD



Left to Right : *Sitting* : Dr.Stalin.V., Dr. K.Balamurugesan, Dr. Balasubramanian R., Dr.Kavitha.B., Dr.Bhuvaneshwari.K, Dr. Balsubramanian R.
Standing: Dr.Raghul.B, Dr.Vinod Kumar.S., Dr.Dheerai Jain.,Dr.Rajalakshmi.E.

Departmental activities:

- CME on Diabetes in Pregnancy was conducted on 12 September 2012.
- Diabetic Walkathon from Rajiv Gandhi Women and Children Hospital to Indira Gandhi Medical College & Research Institute, Kathirkamam, was organized on behalf of World Diabetic day celebration on 18 November 2012
- CME on Electrocardiogram was conducted on 7th July 2013.

Research Publications:

1. Kavitha B, R.Balasubramanian, Kumar T. Electrocardiographic enigma of a classical disease: Pellagra. Trop Doctor 2012; 42: 211–213.
2. Kavitha B, R.Balasubramanian. An Elusive Case of Chronic Diarrhea--With Emphasis on Accurate History Taking and Prompt Diagnosis. Ann Gastroenterol & Hepatol 2012;3: 25-27.
3. Kavitha B, R Balasubramanian. A simple radiological solution for a neurological

- dilemma. *Int J Case Rep Images* 2012;3:76-78.
4. Kavitha B, R.Balubramanian . Apparent Right Mid-lung Mass in a Dyspneic Man:The Phantom Lung Tumor. *Int J Case Rep Images* 2012;3:58-59
 5. Kavitha B, R. Balasubramanian , Subramanian A. A dangerous twist of the ‘T’ wave: A case of Wellens“ Syndrome. *Australas Med J* 2013;6:122-125.
 6. Viswanathan S, R.Balasubramanian:Disseminated Histoplasmosis in an AIDS Patient: A Rare Case from South India. *Tropical Doctor* 2009, 39: 247 – 268.
 7. Viswanathan S et al, R.Balasubramanian.Posterior Reversible Encephalopathy Syndrome in a patient with Hepatitis B induced type 1 Membranoproliferative Glomerulonephritis.*Clinical and Experimental Nephrology*, 2010.
 8. Saravu K, Naha K, R.Balasubramanian.Recurrent Pseudomonal Pneumonia in an immunocompetent Adult: Something Fishy? *Australasian Medical Journal*,2011.
 9. Abdul Razak et al and R.Balasubramanian. .Shrub Typhus in Southern India: Are we doing enough? *TROPICAL DOCTOR* .2010;40 149 – 151
 10. Kushal N, Kavitha Saravu,R.Balasubramanian: Rhabdomyolysis in a case of Hanging. *BMJ Case Reports* 2011.
 11. Sowjanya Naha, Kushal N Vinay R Pandit, R.Balasubramanian. Association of microalbuminuria with ischemic heart disease in non – diabetic Asian Indians..A case control Study.*Avicenna J Med* 2015;5: 6-10
 12. Shewade HD, Palanivel C, Balamurugesan K, Vinayagamoorthi R, Sunderamurthy B, and Vasudevan K, et al. Feasibility of opportunistic screening for type 2 diabetes mellitus: Need for interventions to improve follow up. *J Soc Health Diabetes* 2015;3:43-7.
 13. Karthik S, Balamurugesan K, Viswanathan S, Sivaji V. Role of Gender and Menstrual Cycle on Heart Rate Variability, QTc and JT Intervals. *Int J Sci Study* 2015;2:49-53.
 14. Viswanathan S, Remalayam B, Muthu V, Anil J. MODS and Enterobacter related cellulitis following multiple wasp stings. *Int J Med Sci Pub Health* 2015(Accepted).
 15. Srihari R, Viswanathan S. Neuroleptic malignant syndrome with two atypical antipsychotic drugs overdose. *Bull Clin Psychopharmacol* 2015.(accepted).
 16. Balamurugesan K, Viswanathan S. Rumpel-Leede phenomenon in a hypertensive lady on

- amlodipine. *J Clin Diagn Res* 2014;8:YD01-2.
17. Balamurugesan K, Viswanathan S. Henoch-Schonlein purpura presenting sequentially as nodular rash, erythema nodosum and palpable purpura. *J Fam Commun Med* 2014 21:58-60.
 18. Kannan U, Vasudevan K, Balasubramaniam K, Yerrabelli D, Shanmugavel K, John NA. Effect of exercise intensity on lipid profile in sedentary obese adults. *J Clin Diagn Res* 2014;8; BC08-10.
 19. Viswanathan S. Case report of a middle-aged man with bronchiectasis, situs inversus and cirrhosis. *Med Sci* 2014;2:171-174.
 20. George T, Viswanathan S, Karnam AHF, Abraham G. Etiology and outcomes of acute lung injury and ARDS in a rural-urban fringe hospital of South India. *Crit Care Res Pract.* 2014;2014:181593.
 21. Priyadarshini A, Mangaiyarkarasi T, Balasubramaniam R, Pragash DS, Gopal R. Biofilm production and antibiotic resistance among uropathogens causing bacteriuria in diabetic individuals. *Sch J App Med Sci* 2014;2:568-571.
 22. Jain D, Viswanathan S, Jagatheeswari S. Lost in a haystack: importance of reexamination. *J Infect Pub Health* 2014;7:450-2.
 23. Jain D, Viswanathan S, Ramasamy C. A life threatening rash, an unexpected cause. *Case Rep Dermatol Med.* 2014;2014:146251.
 24. Balamurugesan K, Viswanathan S. Charcot arthropathy in diabetes. *IJPMR* 2013;24(2):56.
 25. Balamurugesan K, Viswanathan S. An uncommon cause of urinary tract infection. *Adv Studies Med Sci* 2013;1:55-60.
 26. Anand US, Viswanathan S, Arulneyam J. Pulmonary Edema in Myasthenic Crisis. *Case Rep Crit Care.* 2013;2013:863620.
 27. Viswanathan S, Muthu V, Iqbal N, Remalayam B, George T. Scrub typhus meningitis in South India—a retrospective study. *PLoS ONE* 8(6):e66595.
 28. Viswanathan S, Viswanathan S. Physical injury to oral mucosa following ingestion of large number of tablets. *Indian J Stomatol* 2013;4(2):103-05.
 29. Viswanathan S, Balamurugesan K. Rare cause of seizures, renal failure and gangrene in an 83 year old male diabetic. *Case Reports Immunol.* 2013;2013:523865.

30. Viswanathan S, Kumar S, Balamurugesan K, Indoxacarb related ARDS, neurotoxicity and orange urine. *Euras J Med* 2013;45:135-7.
31. Viswanathan S. Urine-bag as a modern day matula. *ISRN Nephrol.* 2013; 2013:215690.
32. Viswanathan S. Unusual complications of quinalphos poisoning. *Case Rep Emerg Med.*2013;2013:809174.
33. Nagaraj V, Sashykumar S, Viswanathan S, Kumar S. Multiple oral ulcers leading to diagnosis of pulmonary tuberculosis. *Eur J Dentistr* 2013;7:e2.
34. Govindaraj S, Viswanathan S, Remalayam B, Balamurugesan K, Kumar S. SIADH as presenting feature in a male with coexisting sarcoidosis and systemic lupus. *Med-Science.* 2013;2:709-14.
35. Serane TV, Kothendaraman K Tuberculin Test can be Read after 24 hours in Adolescent Children. *J Trop Pediatr* 2013; 60(2):157-60.
36. Viswanathan S, Muthu V, Remalayam B. Pulmonary Edema in Near Hanging. *J Trauma*2012;72:297-301.
37. Rajendiran A, Viswanathan S, Muthu V, Remalayam B, Alexander T. Chronic diarrhea as presenting complaint of SLE in a male. *Intern Med* 2012;51:3131-3134.
38. Santhosh SR, Viswanathan S. Bee sting related Wolff-Parkinson-White syndrome. *J Clin Diagn Res* 2012;6:1541-1543.
39. Viswanathan S, Muthu V, Singh AP, Rajendran R, George R. Middle Cerebral Artery Infarct following Multiple Bee Stings. *J Stroke Cerebrovasc Dis* 2012;21:148-150.
40. Viswanathan S, George R. Hyponatremia and bilateral pleural effusion as the initial presentation of hypothyroidism and hypoadrenalism in an 87 year old man. *Turk J Geriatr* 2012;15:349-352.
41. Viswanathan S, Rajan RP, Iqbal N, Subramani J, Muthu V. Enterococcus faecium related emphysematous cystitis and bladder rupture. *Australas Med J* 2012;5:581-84.
42. Viswanathan S, Muthu V, Remalayam B, Karanth SCN, Iqbal N. Double trouble indengue. *Asian Pacific J Trop Dis* 2012;2:80-81.
43. Viswanathan S, Viswanathan S, Iqbal N, Shanmugam V, Srinath G. Odynophagia following retained bee stinger. *J Venoms Animal Toxins Trop Dis* 2012;18:253-55.
44. Viswanathan S, Muthu V, Remalayam, Kumar S. Diabetes with multiple

- abscesses disseminated in time and place. *Asian Pacific J Trop Biomed* 2012;2: S1209-1211.
45. Iqbal N, Viswanathan S, Muthu V, Remalayam, George T. Pancreatitis and MODS due to scrub typhus and dengue co-infection. *Trop Med Health* 2012;40(1): 19-21.
 46. Viswanathan S, John A. Common Poison, Uncommon Urine. *Nephrology* 2011; 16:617-8.
 47. Viswanathan S, Jayakrishnan KS, Vijan V. Endosulfan and black urine. *NDT Plus*,2011;4:353.
 48. Govindaraj S, Viswanathan S. Pneumomediastinum and bilateral pneumothorax following near drowning in shallow water. *Clinics Practice* 2011;1:e70.
 49. Viswanathan S, Prabhu C. Scorpion sting nephropathy. *NDT Plus* 2011;4:376-382.
 50. Sundaramoorthy K, Viswanathan S, Arulneyam J. Wasp Stings-Related Cerebral Infarction in a Toddy Tapper with Multiple Previous Stings. *Eur Neurol J.* 2011.
 51. Annamalai TA, Viswanathan S. Secondary Pneumomediastinum following misplaced nasogastric tube. *Int J Curr Biol Med Sci* 2011;1:169 -170.
 52. Viswanathan S, Muthu V, Iqbal N. Upper lobe pulmonary edema and dry gangrene in scorpion sting. *Asian Pacific J Trop Dis* 2011;1:166-168.
 53. Viswanathan S, Prabhu C, Arulneyam J, Remalayam B, Mohammed AAM. Yellowjacket envenomation-related acute renal failure. *NDT Plus* 2011; 4:167–169.
 54. Remalayam B ,Viswanathan S, Muthu V, Mookappan S. Altered sensorium in scrub typhus. *J Postgrad Med* 2011;57:262-3.
 55. Serane TV, Babu TA, Menon R, Devagaran V, Kothendaraman B. Improving Learning during Pediatric Lectures with Multiple Choice Questions. *Indian J Pediatr* 2011; 78(8):983-6.
 56. Viswanathan S, Iqbal N, Anemon PP, Kumar GS. Fatal Fulminant Hepatic Failure in a Diabetic with Primary Dengue. *J Trop Med.* 2010;2010:413561.
 57. Dalai S, Deb A, Viswanathan S. Recurrent massive hemoptysis due to penetrating aortic ulcer, intramural hematoma and aorto-bronchial fistula treated with endovascular stent-graft: a case report. *Chirurgia* 2010;23:289-91.

Professional achievements:

Prof. R.Balasubramanian

- Served as Member - Under Graduate Committee of MCI - New Delhi between 2012 – 2013.
- Chairman, Human Ethics Committee: Balaji Vidya Peeth – Mahatma Gandhi Medical College- Puducherry.
- Member - Inspection Committee of Pondicherry University.
- Examiner for Krishnasamy Memorial Prize for MD Medicine postgraduates, JIPMER for the years 2012, 2013, 2014 & 2015.
- Founding Member of Puducherry ECG Club.
- Established an ECG quiz corner for the monthly Clinical Society Meetings, IGMC & RI.
- Chaired a session CME on ‘Metabolic Bone Disorder’ – Approach to management of osteoporosis – current practice and recent advances by Dr. Anantharaman, Asst. prof of endocrinology St. John’s Medical College – Bangalore 16 th Sept 2012.
- Guest lecture on ABG interpretation on 22nd Sept 2013 in CME on Investigation, Department of Medicine KMC Manipal.
- Guest lecture on ABG analysis in MERT Bangalore - Nov 2014.
- Guest lecture on Arterial Blood Gases at MPMRT-Mysore 12th June 2014.
- Guest lecture on ECG in early ACS at MPMRT Medicine Update Mysore 4th Jan 2015.
- Chaired a Session in CME on Management issues in Hematology 11th April 2015, JIPMER
- Chaired session on HIV & TB in the “RNTCP State Level Conference -2015” held at IGMC & RI, Pondicherry on 25th April 2015.
- Chaired the guest Lecture Chronic Kidney Disease and intestinal microbiota at Mahatma Gandhi Medical College & Research Institute, Pondicherry May 2015
- Served as Biology Coordinator for CENTAC Puducherry- July/August – 2011.
- Served as examiner to Pondicherry university, Chidambaram Annamalai university, Balaji Vidya Peeth, Yennopoya university, Amritha Institute of Medical Sciences, Manipal University, Dharwad University, Bangalore University, Kerala University, Nairobi University, Delhi University, Dr.M.G.R.Medical University, Katmandu University.

Dr. K. Balamurugesan

- Chaired session on Multidrug resistant tuberculosis in the “RNTCP State Level Conference -2015” held at IGMC & RI, Kathirkamam, Pondicherry on 25th April 2015.
- As Resource Faculty for the Interns Orientation Programme organized by the Medical Education Unit, IGMC & RI, on 23rd Jan 2015.
- As Resource Faculty in the Basic Workshop on „ Medical Education Technologies’ organized by the Medical Education Unit on 9th - 11th April 2014 at IGMC & RI.
- Organized Diabetic Walkathon from Rajiv Gandhi Women and Children Hospital to IGMC & RI, Kathirkamam, Pondicherry - 9 on behalf of World Diabetic day celebration on 18th November 2012.
- Organized the first departmental CME, on Diabetes in Pregnancy –Clinical Pearls on 12th September 2012 at IGMC & RI, Kathirkamam, Pondicherry -9.
- Resource Faculty in the workshop on “Diabetes Management in primary Care Settings” held on 29th and 30th April 2011 at the Conference hall, Pondicherry State Health Mission (NRHM), Pondicherry.
- Best performance in both Free paper and Poster presentation at the 7th Annual Conference of Associations of Physicians of India –Tamil Nadu chapter held at Kodaikanal in March 2011.
- First prize in Poster Quiz at 64th Annual Conference of Association of Physicians of India held at India Expo Centre, Greater Noida on 29th January, 2009.
- Served as examiner to Pondicherry university, The TN Dr. MGR Medical University, Dr NTR University Vijayawada Andhrapradesh, Sri Devraj Urs University of Higher Academy of Medical Education ,Kolar Karnataka, Bharath University Chennai, Vinayaka Mission University Salem.

Dr. Stalin Viswanathan

- Resource person for Rabies CME conducted by Dept. of Community Medicine, IGMC & RI, Pondicherry on September 2014.
- Resource person for Pharmacovigilance Awareness Program for CRRIs conducted by Dept. of Pharmacology IGMCRI on 26th February 2015 and 4th March 2015.

Dr. Kavitha B

- Poster presentation on “A Case of Schmidt’s Syndrome: Missed and Caught” at APICON 2013, Coimbatore.
- Delivered a talk on Awareness of Anemia among women in February 2015 at Pondicherry Engineering College organized by Department of Community Medicine, IGMCRI.
- Delivered a talk on Identifying and managing adverse drug reactions-Nurses Role at IGMCRI, Puducherry on 18th April, 2013.
- Runs an ECHO clinic teaching students of Mother Teresa Institute of paramedical sciences and performing Echocardiography for both inpatients and outpatients.

Dr. Bhuvaneswari K

- Resource Faculty for “Pharmacovigilance awareness program for Health care professionals” Conducted by Department of Pharmacology, IGMC & RI on April 2012.
- Delivered a talk as Guest Speaker on Obesity- medical aspects at Sri Lakshminarayana Institute of Medical Sciences on 29th September 2011.
- Runs an ECHO clinic teaching students of Mother Teresa Institute of Paramedical Sciences and performing Echocardiography for both inpatients and outpatients.

Results of Final Year MBBS University Examination In Medicine:

In 2014 final year exam, 119 students appeared and out of them 113 passed, a pass percentage of 94.95 with --nil-- distinctions, and highest score was 260 out of 350 scored by V.Niranjan.

DEPARTMENT OF RESPIRATORY MEDICINE

Infrastructure, Facilities and Faculty

The Department of Respiratory Medicine aims at providing quality patient care. In the Department of Respiratory Medicine, around 100-120 patients get treated on out-patient basis everyday. Asthmatic and COPD patients are regularly being assessed for the severity of airway obstruction with the help of Spirometry. Government sponsored RNTCP activities are being carried out efficiently. There is a Designated Microscopy Centre (DMC), wherein sputum smear microscopy is done to diagnose Pulmonary TB and cases are being referred to the respective Primary Health Centers and being followed up.



Faculty

Associate Professor & Head :

Dr. R. Venkateswarababu, MD, Fellowship in Diabetology

Department News

- CME on Lung Cancer was organized on the occasion of World Lung Cancer Day on 1st August 2014 to raise awareness among the doctors to quit smoking.
- Training Programme on Good Nebulisation Practices was conducted on 15th& 16th September 2014 for the staff nurses of IGMC&RI, in two batches.
- On the occasion of World COPD day, a rally was conducted on November 19, 2014, to raise awareness among the public. Around 100 medical students & physiotherapy students participated in the rally. Spirometry camp was conducted in the OPD of Respiratory medicine to screen for COPD.
- On the occasion of World TB day a “State level conference on RNTCP-Revised National Tuberculosis Control Programme” was organized in collaboration with the department of Community medicine on March 24, 2015. The theme was ‘Tuberculosis – Reach, Treat, Cure Everyone’.

Research Publications

1. Govindaraj V, Venkateswarababu R, Venkatesh C, Jayashalini J, Madhumidha B, Gokulavasanth B. Primary bullous lung disease – a case report. International Journal of Current Research and Review 2015;7(2):74-77.

Professional accomplishments

- Resource person in the RNTCP State Level Conference – 2015.
- Resource person in the State Level Microbiology Conference, conducted by the Department of Microbiology, IGMC&RI.

On-going Research Projects

1. STS ICMR project: Spirometric evaluation of pulmonary function of fire-fighters in Puducherry.
2. In collaboration with Community Medicine: Prevalence of Diabetes in adult TB patients on DOTS and its association with TB treatment outcomes in Pondicherry.

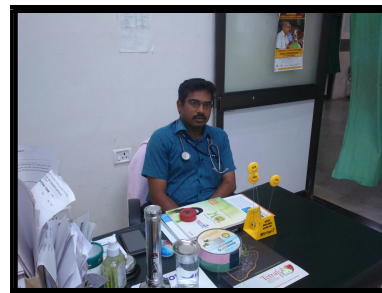
DEPARTMENT OF PSYCHIATRY

Infrastructure, Facilities and Faculty

The Department of Psychiatry is one of the broad specialty departments in this tertiary care hospital. Since its inception, the number of patients coming to this department is on steady rise, reflecting quality of care provided by the faculty and staff of this department. The department has excellent infrastructural facilities to provide state of art treatment for all psychological problems and is the preferred referral centre for difficult-to-treat cases. We conduct special clinics such as De-addiction Clinic (in coordination with Alcoholic Anonymous) and Adolescent Welfare Clinic. Undergraduate teaching and training has been done as per norms of Medical Council of India (MCI). Department is well equipped with necessary books and journals for reference for students as well as for faculty and staff. Training and teaching of nursing students posted in this medical college hospital is also being undertaken. Guidance for psychology students from other institutions by this department faculty has been well appreciated by Pondicherry University.

Faculty

Assistant Professor & Head: Dr. P. Arul Varman. MD



Departmental News

- A programme was conducted on the occasion of Suicide Prevention Day on 10th September 2014 at IGMC &RI. Dr. P. Arul Varman presented 'National Bureau of Crime Report for 2013-2014 – with respect to suicide in Puducherry'.

Professional Accomplishments

- Chairperson for the session on 'Psychosomatic factors in the diagnosis and management of IBS' in a CME organized by Association of Physicians India on 30th November 2014.

Ongoing Research activities

- A study on prevalence and determinants of delirium in a tertiary care hospital

DEPARTMENT OF DERMATOLOGY

Infrastructure, Facilities and Faculty

The Department of Dermatology is engaged in regular clinical, research and teaching activities. Among the clinical services offered by the department, the chief is the out-patient clinics operating on a daily basis. The clinics also offer laboratory services like smear examination etc and procedures like skin biopsy, electrocautery and radiofrequency ablation. A phototherapy unit is also functional in the OPD. Other clinical services include in-patient services and a daily STI clinic.

Faculty

Professor and Head : Dr. C. Udayashankar, MD, MBA (Hospital Management)

Assistant Professor : Dr. M. Saritha, MD, DNB



Left to Right : Dr. C. Udayashankar, Dr. M. Saritha.

Departmental News

- Organized a programme as a part of World AIDS Day celebrations on 1st December 2014 at IGMC & RI, in collaboration with PACS & IADVL Puducherry.

- Organized the Annual conference of the Puducherry branch of Indian Association of Dermatology, Venereology & Leprosy 'CUTICON 2014-15' on 22nd March 2015 at IGMCRI
- Conducted IADVL PG Gold medal exam on 22nd February 2015 at IGMCRI
- An integrated teaching programme on 'HIV/AIDS' was co-ordinated by Dr.C.Udayshankar with participation by Dr.M.Saritha.
- An integrated teaching programme on 'Leprosy' was co-ordinated by Dr.C.Udayshankar.
- Ms. Jayaranjeetham and Ms. Pavithra M. of the 2011 MBBS batch won the first prize in a quiz competition on Sexually transmitted infections organized by Stanley Medical college.

Research Publications

1. Lakshmi S, Nath AK, Udayashankar C. Metabolic syndrome in patients with psoriasis: A comparative study. Indian Dermatol Online J. 2014 ;5:132-7.
2. Nath AK, Udayashankar C. Diltiazem worsens Darier's disease. Int J Dermatol. 2014;53:e1.
3. Udayashankar C, Nath AK, Anuradha P. Extensive Darier's disease with pityriasis amiantacea, alopecia and congenital facial nerve palsy. Dermatol Online J. 2013;19:18574
4. Udayashankar C, Oudeacoumar P, Nath AK. Congenital insensitivity to pain and anhidrosis: a case report from South India. Indian J Dermatol. 2012; 57:503.
5. Udayashankar C, Oudeacoumar P, Nath AK. Recurrence of zosteriform lesions on the contralateral dermatome: A diagnostic dilemma. Indian Dermatol Online J. 2012; 3:76-7.
6. Nath AK, Udayashankar C. Multiple facial cylindromas: a case report. Dermatol Online J. 2012; 15: 18:8.
7. Nath AK, Udayashankar C. Congenital onychogryphosis: Leaning Tower nail. Dermatol Online J. 2011; 17:9.
8. Sureshbabu R, Kumari R, Ranugha S, Sathyamoorthy R, Udayashankar C, Oudeacoumar P. Phenotypic and dermatological manifestations in Down Syndrome. Dermatol Online J. 2011 15; 17:3.

9. Udayashankar C, Nath AK. Dyschromatosis universalis hereditaria: a case report. *Dermatol Online J.* 2011; 17:2.
10. Sageerabanoo, Malini A, Oudeacoumar P, Udayashankar C. Onychomycosis due to *Trichosporon mucoides*. *Indian J Dermatol Venereol Leprol.* 2011 ;77:76-7

Professional accomplishments

Dr. C. Udayashankar

- Organizing secretary of the south zone conference of Indian association of Dermatologists, Venereologists, & leprologists- DERMAZONE SOUTH 2014 from 19th to 21st 2014.
- Organizing secretary of annual meeting of Pondicherry association of Dermatologists, Venereologists & leprologists. – CUTICON 2013 organized on 22nd December 2013.
- Organizing chairman of annual meeting of Pondicherry association of Dermatologists, Venereologists & leprologists. – CUTICON 2014-15 organized on 22nd March, 2014.
- Chaired a session on ‘Mycology’ in DERMAZONESOUTH 2014 (Sept 19th to 21st 2014), Judge for the award paper session.
- Delivered a talk on ‘Clinical features of common STIs’ at the PACS awareness program for medical officers, nurses and specialists in Puducherry at IGGGH, on 3 occasions.
- Delivered a lecture on ‘Common cutaneous adverse reactions’ in the Pharmacovigilance Orientation Programme, 2014 for nurses and pharmacists organized by the Department of Pharmacology at IGMCRI.
- Inspector for the Pondicherry AIDS control society.

Dr. M. Saritha

- Scientific chairperson of annual meeting of Pondicherry branch of Indian association of Dermatologists, Venereologists & leprologists. –CUTICON 2014-15 organized on 22nd March, 2014 at IGMC & RI.
- Chaired a session in DERMAZONESOUTH 2014 (Sept 19th to 21st 2014), Judge for the award paper session.
- Awarded the best paper in oral presentation at DERMAZONE south 2014 held at

JIPMER. Title: Monochromatic excimer light in Indian patients with palmoplantar psoriasis.

- Attended the EADV congress (annual meeting of European Academy of Dermatology Venereology) in Amsterdam from 8th - 12th October 2014 with the Imrich Sarkany scholarship.
- Delivered a lecture on “Common cutaneous adverse reactions” in the Pharmacovigilanceorientation programme for interns organized by the Dept of Pharmacology, on 5th February 2015 at IGMCRI.
- Assistant editor of the Indian Journal of Dermatology, Venereology & Leprosy.

On-going Research Projects

1. Quality of life in patients with moderate-severe psoriasis.
2. Expression of c-kit and PDGFR-alpha in patients with alopecia areata - Extramural funding received from the IADVL-L'oreal research grant.
3. A survey of beliefs and factors affecting treatment satisfaction in Indian patients of chronic urticaria attending a tertiary health center.
4. A study of psychiatric morbidity in patients with chronic skin disorders.

DEPARTMENT OF PEDIATRICS

Infrastructure, Facilities and Faculty

The department excels in providing tertiary level curative and preventive care to the children. The department has a 5 bedded Neonatal Intensive Care Unit and Pediatric Intensive Care Unit which are well equipped with multimode monitors, ventilators and warmers providing round the clock services to the patients. Apart from the routine out-patient services, the department runs special clinics such as Well Baby Clinic, Nutrition Clinic and Speciality Clinics. All the National Health Programmes for Children are being routinely implemented. The department is actively engaged in training of undergraduate students. Innovations in teaching program for undergraduates such as OSCE and clerkship were introduced for the 2013 batch of students. Paramedical students from other institutes such as physiotherapy students from Mother Teresa Institute of Paramedical and Allied Sciences are also given training.

Faculty

Professor & Head : Dr. Shanthi A. K., MD, DCH., Ph. D.(Epid)

Associate Professor : Dr. P. Sriram, MD
Dr. Arun Babu T., MD

Assistant Professor : Dr. C. Barathy, DNB
Dr. S. Prabha, DNB



Left to Right : Dr. S. Prabha, Dr. C. Barathy, Dr. Shanthi A. K., Dr. P. Sriram.

Department News

- Breast Feeding Week celebrations is being organized every year with various activities such as competitions and health education programs to promote breast feeding.
- Neonatal Resuscitation Training Program is being conducted for residents every year.
- Dr. Arun Babu, Associate Professor has gone for fellowship in Neonatology to Calgary University, Canada for one year from January 2015.
- Dr. Shanthi A.K. is undergoing a course on Advanced Medical Education at SRMC, Chennai.
- Dr. P. Sriram, underwent “Birth Defects Surveillance Training” under RASHTRIYA BAL SWASTHYA KARYAKRAM (RBSK) from 16th-17th March 2015 at New Delhi.
- Dr. P. Sriram is the RBSK co-ordinator for the state of Puducherry.

Research Publications

1. Sarkar S, Ananthkrishnan S. Undernutrition in five to ten year old children – Experience from a PHC in Puducherry. Indian J Public Health 2008;52: 172
2. Ananthkrishnan S, Sarkar S, Narayanan P. Does mothers’ perception of wheezing affect the nutritional status of wheezers? Current Pediatric Research 2012; 16: 27-29
3. Ananthkrishnan N, Ananthkrishnan S. Attempts at regulation of medical education by the MCI: issues of unethical and dubious practices for compliance by medical colleges and some possible solutions. Indian Journal of Medical Ethics 2012; 9:37-42.
4. Ananthkrishnan N, Shanthi AK. ICMR’s Ethical Guidelines for biomedical Research on human participants: need for clarification. Indian Journal of Medical Ethics 2012;9:207-209.
5. Arun Babu T, Shanthi Ananthkrishnan. Unusual Presentation of Sand Aspiration in a 14 Month Old Child. Indian Journal of Pediatrics Published on line December 2012, DOI IO.1007/s12098-012-0913-7

6. Arun Babu T, Shanthi Ananthakrishnan. Intracranial hypertension secondary to ingestion of *MorindaCoreia* and *Azadirachta indica* leaves extract in infant. *Journal of Pharmacology and pharmacotherapeutics* 2013;4:298-299
7. Arun Babu T, Shanthi Ananthakrishnan, Jayakumar P, Kullu P. Unusual complication of Toxic Megacolon in Typhoid Colitis. *Indian J Pediatr.* 2014 May;81(5):504-6. doi: 10.1007/s12098-013-1115-7. Epub 2013 Jul 31. PMID:23900751 [PubMed - in process]
8. Sriram Pothapregada. Atypical Manifestations of Dengue Fever. *Indian Pediatrics* 2014; 51:586-587.
9. Sriram Pothapregada. Artemisinin-based Combination Therapy in Malaria Non-endemic Areas. *Indian Pediatrics* 2014; 51:588.
10. Sriram Pothapregada, Banupriya kamalakannan. Hemophagocytic syndrome in *Plasmodium vivax* malaria. *J Vector Borne Dis* 2014; 51:144–146.
11. Sriram Pothapregada. Pentavalent vaccines and operational difficulties. *Indian Pediatrics* 2014; 51:322-323.
12. Sriram Pothapregada. Donkey's Milk Feeding in Newborn: Myths and Facts. *Indian Pediatrics*; March 2014;51:233-234.
13. Sriram P, Balachandar BV, Antenieo Jude Raja. Cerebellar atrophy in falciparum malaria. *Indian pediatrics* 2013;50:505-506.
14. Sriram P, Vishnu Bhat B. *Pediatric infectious diseases Vol 1*. Eds Suraj Gupte. Macmillan medical communications 2012 pg153-180.
15. Venkatesh C, Sriram P, Adhisivam B, Mahadevan S. Clinical profile of kerosene aspiration. *Tropical doctor* 2011; 41:179-180.
16. Sriram P, Femitha P, Nivedita Mondal, Jailani M, Ajayan P, Vishnu Bhat B. Neonatal dysmorphogenetic Goitre. *Curr Pediatr Research* 2011; 15(1):2-3.
17. Sriram P, Femitha P, Nivedita Mondal, Prakash V, Bharathi B, Vishnu Bhat B. Neonatal Hiatal Hernia. *Curr Pediatr Research* 2011; 15(1):1-2.
18. Sriram P, Manish Kumar, Renitha R, Nivedita Mondal, Vishnu Bhat B. Clinical profile of Swine Flu in children at Puducherry. *Indian J Pediatr* 2010; 77:1093-1095.

Chapters in books

1. Ananthkrishnan N, Shanthi AK. Time frame for the dissertation-Planning the process. In Medical postgraduate dissertations A step-by -step approach. ed. N. Ananthkrishnan. New Delhi:United India Periodicals Pvt Ltd; 2013. p8-10
2. Shanthi AK. Types of studies, Pilot study and planning. In Medical postgraduate dissertations A step-by -step approach. ed. N. Ananthkrishnan. New Delhi:United India Periodicals Pvt Ltd; 2013. p 43-54
3. Ananthkrishnan N, Shanthi AK. Writing the results section. In Medical postgraduate dissertations A step-by -step approach. ed. N. Ananthkrishnan. New Delhi:United India Periodicals Pvt Ltd; 2013. p101-113
4. Ananthkrishnan N, Shanthi AK. How to write a research paper based on dissertation. In Medical postgraduate dissertations A step-by -step approach. ed. N. Ananthkrishnan. New Delhi:United India Periodicals Pvt Ltd; 2013. p170-178
5. Arun Babu T, Barathy.C .Chapter on ‘Pulmonary Aspiration Syndrome’ in textbook ‘Recent Advances in Pediatrics Special Vol-24’ Suraj Gupta Sept.2012.JAYPEE Publications.
6. Arun Babu T, Balachandar B.V, Barathy.C. Chapter on ‘Pulmonary Oedema’ in textbook ‘Recent Advances in Pediatrics Special Vol-24’ Suraj Gupta Sept.2012.JAYPEE Publications

Professional accomplishments

Dr. Shanthi A. K.

- Resource person at Interns’ Orientation Program, IGMC & RI (2015).
- Chairperson for a session at Regional Conference on Pediatrics Oncology (2013).
- Chairperson for a session at CME on Pediatrics Adolescent endocrinology – update (2011)

Dr. Sriram Pothapregada

- Resource person at Revised National Tuberculosis Control Programme in March 2015 at IGMC & RI, Puducherry.

- Resource person at National Institute of Health and Family Welfare, New Delhi. Regional level ‘Training of Trainers’ training programme at Indira Gandhi Government Medical College, Puducherry, Nov 2012, 2013 (National vector borne disease control Programme).
- Resource person for the Workshop on Essential Newborn Care, Neonatal Transport, Neonatal Resuscitation and Neurodevelopment at NEOCON 2010, JIPMER.

Research Projects

Completed

1. Taking the guess work out of Pediatrics weight estimation (TAPE) validating simple tool to predict weight in children 2 months to 16 years of age (WHO).

On-going Research Projects

1. Etiology and clinical spectrum of acute undifferentiated febrile illness in hospitalized children
2. Study of sleep pattern in normal children aged 1-12 years
3. Safe Medicines for children: Dispensing errors in Pediatric practice- an observation
4. Outcome of late preterm babies.
5. Clinical profile and outcome of Dengue fever in children.

Results of Final Year MBBS University Examination

In 2014 final year exam, 119 students appeared and we had a pass percentage of 100, with 5 distinctions, and highest score was 154 out of 200 scored by Mr. Sathish Rajaa P.

DEPARTMENT OF SURGERY

Infrastructure, Facilities and Faculty

Department of Surgery is a major department in Indira Gandhi Medical College and Research Institute consisting of faculty from all over India having wide experiences in the field including international trainings. The department is providing round the clock service on all days, with 6 units. We perform laparoscopic surgeries both basic and advanced and all major surgeries including pancreatic and biliary procedures and vascular surgeries. We are at the verge of starting upper GI scopy and Colonoscopy services – both diagnostic and therapeutic. We have state of the art Surgical intensive care units and postoperative ward exclusively for surgery.

Faculty

Professor & Head : Dr. Simon D. Dasiah, MS

Associate Professor : Dr. Ashley Solomon C., MS, PDCC (Vascular)
Dr. Basavanandaswami Hartimat, MS
Dr. Mima Sangma Maychet, MS, FMAS, FAIS
Dr. G. Ganesan, MS
Dr. G. Ray, MS

Assistant Professor : Dr. Srivengadesh G., MS
Dr. P. Sarvananan, MS
Dr. Kapil Baliga, DNB, DNB (Vascular)
Dr. Venkatesh S. P., MS
Dr. Selva Kumar, MS
Dr. E. Rakesh Raj, MS



Left to Right : *Sitting:* Dr. Ashley Solomon C., Dr G. Ray, Dr. Simon D. Dasiah, Dr. Mima Sangma Maychet, Dr. Basavanandaswami Hartimat, Dr. G. Ganesan
Standing: Dr. Srivengadesh, Dr. E. Rakesh Raj, Dr. Kapil Baliga, Dr. Venkatesh S. P., Dr. P. Sarvananan

Departmental Activities

- Dr. Gopal Srivengadesh participated as Resource Person in a Workshop on “Laparoscopic hernia” at JIPMER, Puducherry on April 2014.

Research Publications

1. Mimamaychet BS, Simon D. Chondrosarcoma of a rib. International Journal of Surgery Case Reports. 2015;10:126-128.
2. Mimamaychet BS, Simon DD, Ramachandra B. SyringocystadenomaPapilliferum of a scalp in an adult male. Journal of Clinical Diagnostic Research. 2013;7(4):742-743.
3. Mimamaychet BS, Kishori P, Simon D. A Clinico-Pathological study of Benign Breast Diseases. J Clin Diag Res 2013;7(3):503-506.
4. Gopal SV, Solomon A. A rare content in inguinal hernial sac, masquerading as scrotal tumour. J ClinDiagn Res. 2013;7(12):2988-9.

5. Solomon A, Gopal SV. Delayed Presentation of Aspirated Foreign Body with Peculiar Symptoms. JMSC 2014; 7;1663-1668.
6. Solomon A, Gopal SV. An indigenous marker for planning surgical skin incision. Int J Surg 2014; 12(11): 1146-7.

Professional accomplishments

- Dr. Mimamaychet B. Sangma received the Fellowship of Minimal Access Surgeons of India (FMAS) on 21-July-2012.
- Dr. Mimamaychet B. Sangma received the Fellowship of Association of Surgeons of India (FAIS) on 28-December-2014.

On-going Research projects:

1. A Case Control Study Of Possible Additional Risk Factors For Chronic Alcoholic Pancreatitis in a Tertiary Care Centre, Pondicherry(ICMR funded).
2. Comparison of Tension Free Tissue Repair with Lichtenstein Meshplasty for Inguinal Hernia.
3. Determination of analgesic efficacy of levobupivacaine by transversus abdominis plane block (TAPB) in laparoscopic total extraperitoneal (TEP) repair of inguinal hernia

Results of Final Year MBBS University Examination

In 2014 final year exam, 119 students appeared and out of them 117 passed, a pass percentage of 98%, with 1 distinction, and highest score was 269 out of 350 scored by Mr. K. Karthik.

DEPARTMENT OF ORTHOPAEDICS

Infrastructure, Facilities and Faculty

The Department of Orthopaedics in this institution, since its inception in 2010, has made steady progress in the field of Orthopaedic trauma and various sub-specialities of spine surgery, oncology and arthroplasty. This progress has been under the stewardship of Professor N. Rajagopalan who donned the mantle of Head of Department from 2011.

Our students are instructed in the subject using lectures (with multi-media power point presentations), symposiums and clinical and problem case discussions during clinical postings. The department plans to introduce speciality clinics in Paediatric Orthopaedics, Joint Replacement Arthroplasty and Spinal Disorders in the near future. The department has come a long way since 2010 and today its skilled faculty offer services in various fracture surgeries, arthroplasties, spine surgeries, oncology and management of congenital deformities. Of course, this would not have been possible without the support given to us by the administration, for which we are grateful. We hope to introduce diagnostic and therapeutic arthroscopic services soon for the management of sports injuries and various joint disorders.

Faculty

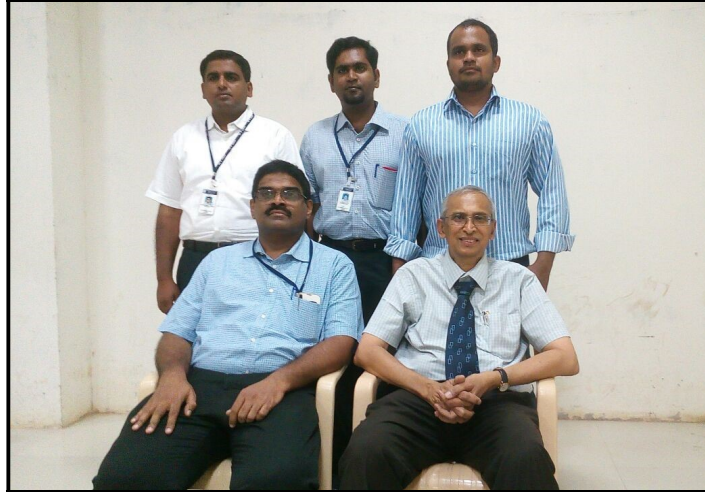
Professor & Head: Dr. Rajagopalan N., D.Orth, MS. Orth.

Associate Professor : Dr. Naveen Nair, MS

Dr. Vimalraj D., MS

Assistant Professor : Dr. Abdul Azeem, MS

Dr. K. Arun, DNB



Left to Right : *Sitting* : Dr. Naveen Nair, Dr. Rajagopalan N.
Standing: Dr. Abdul Azeem, Dr. K. Arun, Dr. Vimalraj D.

Departmental activities:

- The first IOA PG teaching program under the auspices of the POA was conducted at IGMC&RI, Pondicherry from 1st – 2nd October 2011.
- IOA ABBOTT Surgical Skills Workshop on Proximal Femoral Fractures was conducted at IGMC&RI on 18th December 2011. This included live surgeries and workshop demo on bone models.
- The second IOA PG teaching workshop at IGMC&RI was conducted on 28th and 29th July 2012.
- Pondicherry State Orthopaedic Association Conference POACON organized by IGMC&RI at Hotel GRT Sunway on 3rd and 4th November 2012.
- F.N.B. in Spine Exit Examination was conducted in IGMC & RI in 2012.

Research Publications

1. Nair N, Patro DK, Babu TA. Role of muscle pedicle bone graft as an adjunct to open reduction and internal fixation in the management of neglected and ununited femoral neck fracture in young adults: a prospective study of 17 cases. Eur J Orthop Surg Traumatol. 2014 Oct; 24(7):1185-91. doi:10.1007/s00590-013-1384-x. Epub 2013 Dec 8.

2. Prevalence of Chronic Pain, Impact on Daily Life, and Treatment Practices in India. Pain Pract 2014;14(2):E51-62..
3. Hemant Deepak Shewade, Chinnakali Palanivel, Kandan Balamurugesan, Ramu Vinayagamoorthi, Bhuvaneswary Sunderamurthy, Kavita Vasudevan, Sharbari Basu, Narayana Rajagopalan. Feasibility of opportunistic screening for type 2 diabetes mellitus: Need for interventions to improve follow up. J Soc Health Diabetes 2015;3:43-7.

Professional accomplishment:

Dr. Rajagopalan N.

- | | |
|------------------------------------|---|
| Organizational Posts | <ul style="list-style-type: none"> • President, Computer Assisted Orthopedic Surgery- India |
| University / Academic Affiliations | <ul style="list-style-type: none"> • Visiting Professor, St. John's Research Institute, Bangalore. • Visiting Professor, Tamil Nadu Dr. MGR Medical University, Chennai, India. • Chairman, Project Review Committee, ICMR • Member, Asia Pacific Advisory Board, DVT Member,. • Assessor for National Board of Examinations for hospitals in New Delhi, Kerala, Andhra Pradesh and Karnataka. • Appointed by MCI for Inspection of Medical Colleges in India. • Appointed by Govt of India as part of UGC panel for grant of Deemed University. |
| Research | <ul style="list-style-type: none"> • Recognised as Ph.D. Guide for Orthopaedics by Rajeev Gandhi University of Health Sciences, Bangalore. • Principal Investigator, 27 clinical trials, including 11 International Multicentric studies. • Published work on Experimental study on Dogs on Epiphyseal Transplantation. |

Memberships of Professional Associations

- Member, Asian Association of Dynamic Osteosynthesis
- Member, Asia Pacific Orthopedic Association
- Life member, World Orthopedic Concern
- Life member, Indian Orthopedic Association
- Life member, Shoulder Society of India
- Life member, Tamil Nadu Orthopaedic Association
- Life member, Karnataka Orthopaedic Association
- Life member, Bangalore Orthopaedic Society
- Life member, Trauma Society of India
- Life member, National Association of Interlocking Surgeons
- Life member, Association of Spine Surgeons of India
- Life member, Computer Assisted Orthopedic Surgery, India
- Life Member, Pondicherry Orthopaedic Association

Professional Achievements

- Conducted Indian Orthopaedic Association Post graduate Teaching program in Orthopaedics, at Indira Gandhi Medical College, Pondicherry, in 2011 and 2012.
- Organised Pondicherry Orthopaedic Association Annual Conference at Pondicherry in 2012
- Has conducted many other International and National conferences
- Delivered more than 300 guest lectures
- Chaired more than 200 scientific sessions
- Faculty for more than 100 Conferences - Trauma, spine, CMEs
- Delivered prestigious Prof Varghes Chacko KOA Oration in the Annual Conference of Karnataka Orthopaedic Association at Goa on Feb 2011.
- Examiner for undergraduate and Postgraduate Courses and Ph.D. Orthopedics
- Have conducted FNB Spine Exam at IGMC&RI in 2012
- Chairman, Scientific Committee, OASISCON 2012 & OASISCON 2013.

Dr. Vimalraj D.

- Dr. Vimalraj D, Associate Professor, has undergone training under various fellowship schemes.

Dr. Abdul Azeem

- Dr. Abdul Azeem, Assistant Professor, has undergone training as a spine fellow in Singapore. He has also attended an arthroplasty observership at MIOT, Chennai from 17th – 18th January 2015.

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Infrastructure, Facilities and Faculty

The Department of Obstetrics and Gynaecology is a full-fledged department providing services 24 x 7. The department has 3 units which cater OPD and operation services on different days. OPD is run on all the week days (except Sundays) from 8.30 am -12.30 am. Pelvic and obstetric ultrasound is performed every day by expert faculty. Special clinic for infertility is run on Thursday afternoon and minimally invasive surgeries are performed for the indicated cases. The average no. of deliveries is about 150 per month. All types of emergency and complicated obstetric surgeries are done. Family planning services are provided as per national guidelines.

Teaching:

Theory & clinical case presentations for undergraduate medical students are taken every day by senior faculty. Integrated teaching is done in collaboration with other departments for the students. Dr. Sabitha and Dr. Hima Bindu are guides for the students pursuing DNB in Obs. & Gyn. from Rajiv Gandhi Maternity and Children Hospital, Puducherry. Nursing students from Mother Teresa Institute and from various private medical colleges in Pondicherry are trained here. The faculty also guide the medical students in performing research under ICMR STS programme.

Future plans:

We plan to perform colposcopy and hysteroscopy in our dept. We are also planning to start adolescent clinic separately once a week.

Faculty

Professor & Head : Dr. A. Bupathy, MD

Associate Professor : Dr. P. Sabitha, MD

Dr. N. Hima Bindhu, MD, DNB

Dr. K. Ananthi, MD, DNB

Assistant Professor : Dr. E. Latha, MD, DNB

Dr. V. Sharmila, MS

Dr. S. Sujindra, MD, DNB
Dr. Rimi Singh, MD
Dr. Banishree Pati, DNB
Dr. K. Rupa Vani, DNB
Dr. Pratiba Singh, MD
Dr. R. L. Jaya Vani, MD



Left to Right : *Sitting* : Dr. K. Ananthi, Dr. A. Bupathy, Dr. P. Sabitha, Dr. N. Hima Bindhu.
Standing: Dr. K. Rupa Vani, Dr. E. Latha, Dr. R. L. Jaya Vani, Dr. Pratiba Singh,
Dr. Rimi Singh, Dr. Sujindra.

Research Publications

1. Chandran S. S., Samal S. Antepartum Myomectomy: A possible for successful outcome. Int J Report Contracept Obstetrics and Gynaecology 2014, 3:818-9.
2. Saichandran Sabita, Vijayan Sharmila, Thirunavukkarasu Arun Babu, Sankappa P Sinhasan, Singh Darendra. A rare case of cervical Tuberculosis which simulated carcinoma of cervix. Journal of Clinical and Diagnostic Research. 2013, 7(6): 1189-1190.

3. Pallavee P, Sama S, Sabita P. Foreign body in vagina: A cause of persistent vaginal discharge in children. *Int J Report Contracept Obstetrics and Gynecology* 2013; 2:224-5.
4. V. Sharmila, S. Saichandran, T.A. Babu, D. Singh. A rare case of Bilateral Ovarian fibroma presenting as Meigs syndrome. *Journal of Obstetrics and gynecology* 2013; 33(6):636.
5. S. Saichandran, D Bharthi. Struma Ovari with Ascites and Elevated CA-125. The Internet *Journal of Gynecology and Obstetrics*. 2014; 18(1)
6. Saichandran S, Samal S. Asymptomatic rupture of cornual gestation presented as abdominal mass. *Int J. Report Contracept Obstetrics and Gynecology*. 2015; 2(4): 746-748.
7. Gowri Dorairajan, Himabindu N. Chronic non-healing sinus manifesting in episiotomy scar: hidden fistula-in-ano. *Int Urogynecol J* 2014; 25(10):1441-1443.
8. Gowri Dorairajan, N. Hima Bindu, Ramachandra V. Bhat. Can Treatment for Polycystic Ovarian Disease Induce Ovarian Tumour? A Case Report. *Journal of Clinical and Diagnostic Research*. 2014; 8(1): 191-192.
9. Gowri Dorairajan, N. Hima Bindu Priyadharshini Perumal Unusual Complication of Incarcerated Uterovaginal Prolapse: A Case Report. *British Journal of Medicine & Medical Research*. 2014; 4(1):314-321.
10. Lingeswaran Anand, Himabindu N. Validation of Tamil Version of Cranley's 24- Item Maternal-Fetal Attachment Scale in Indian Pregnant Women. *The Journal Of Obstetrics and Gynaecology Of India*. 2012; 62(6): 630-634.
11. Sasikala R, Rupavani K, Rekha R. Postmenopausal Huge Ovarian Leiomyoma: A Rare Presentation. *JCDR*. 2014;8(11):03-04
12. Sujindra E, Elamurugan TP. Knowledge, attitude, and practice of breast self-examination in female nursing students. *Int J Educ Psychol Res* 2015;1:71-4.
13. Sujindra E, Bupathy A, Suganya A, Praveena R. Knowledge, Attitude and Practice of Exercise during Pregnancy among Antenatal Mothers – Accepted for publication in *International journal of Educational and Psychological Research*, Issue 3.

14. Sujindra E, Bupathy A, Praveena R, Sivashankari T. Psychological evaluation of Infertile couples – Results of a questionnaire survey - Accepted for publication in Fertility Science and Research.
15. Sujindra E, Himabindu N, Sabita P, Bupathy A. Determinants and Treatment Modalities of Uterovaginal Prolapse – A Retrospective Study - Accepted for publication in Indian Journal of Health Sciences.

Faculty achievements

- Dr. Hima Bindu has delivered a lecture on ‘Policies, practice and standard for obstetric unit’ at Vinayaga Missions College of Nursing, Puducherry on 13 Feb 2015.
- Dr. Sujindra underwent National level training for trainers in Adolescent Health in National Institute of health and Family Welfare, New Delhi.
- Dr. Anandhi has delivered a lecture on ‘Written communication skills’ on 23 Jan 2015 at the Intern Orientation Programme conducted at IGMCRI.

On-going research projects

Faculty research

- Domestic Violence during pregnancy In South Indian Women.
 - Principal Investigator: Dr. Sabita.P
 - Co-Investigators: Dr. Prakash.M, Dr. Rupavani. K, Dr. Jayavan
- Efficacy of preoperative single dose of misoprostol by pervaginal route on intra operative blood loss during abdominal hysterectomy.
 - Principal Investigator: Dr. Jayavani
 - Co-Investigators: Dr. Sangeeta Dhanger , Dr. Sabita P, Dr. Pratiba Singh.
- Study of Uterine artery Doppler in patients with abnormal uterine bleeding.
 - Principal Investigator: Dr. S. Sujindra
 - Co-Investigator: Dr. A.Bupathy.
- Metabolic abnormalities in hyperandrogenic and normoandrogenic women with polycystic ovarian syndrome.
 - Principal Investigator: Dr. S. Sujindra
 - Co-Investigator:Dr. Sabita P.

Student research: ICMR STS projects

- Impact of physical, socio-cultural and sexual factors on fertility in males.
 - Principal Investigator: Marie Jeffrey Ambroise, III MBBS. Guide: Dr. Sujindra.
- Survey of the attitude to knowledge, awareness, perception and utilization of emergency contraceptives among antenatal women.
 - Principal Investigator: R Anusha Rebecca, III MBBS. Guide: Dr E Latha

Results of Final Year MBBS University Examination

In 2014 final year exam, 119 students appeared and out of them 116 passed, a pass percentage of 97, with 27 distinctions, and highest score was 281 out of 320 scored by Mr. Niranjana V.

DEPARTMENT OF ANAESTHESIOLOGY

Mission

Our mission is to provide the best peri-operative anaesthesia care & to ensure total safety of our patients all the time.

Services Provided

Apart from providing perioperative care to the patients undergoing surgery we offer our expertise to those who need intensive care/artificial ventilatory support. We are also committed towards delivering different modalities of chronic pain management to patients who have compromised ability to function because of pain and are unable to enjoy life fully.

On the academic side, we organize/conduct training programs like CMEs, Workshops and Conferences as part of our vision of nurturing the next generation of clinicians. This is in addition to the routine training of students of medical and allied specialties and interns. A number of research projects are underway in our department in an attempt to explore newer, simpler and safer anaesthesia techniques and principles.

Faculty

Professor & Head : Dr. I. Joseph Raajesh, MD

Associate professor : Dr. D. K. Tripathy, DNB.MNAMS

Dr. Pratheeba N., DNB, MNAMS

Dr. Ravindra Bhat R., MD

Assistant Professor : Dr. Deepak Paulose T., MD

Dr. V. Bhavani, MD, DNB, FIPM

Dr. Remadevi R., DA, DNB, MNAMS, Fellowship in Pain

Dr. Sangeeta Dhanger, DA, DNB, MNAMS

Dr. Vijayalakshmi Sivapurapu, DNB, MNAMS



Left to Right : *Sitting:* Dr. Ravindra Bhat R., Dr. D. K.Tripathy, Dr. I. Joseph Raajesh, Dr. Pratheeba N.
Standing: Dr.Vijayalakshmi S., Dr. Sangeeta Dhanger, Dr. Remadevi R., Dr.V. Bhavani,
 Dr. Deepak Paulose T.

Departmental activities:

➤ **Zonal level Conferences**

Co organizers for the 29th Annual South zone and 4th Annual Pondicherry state conference of Indian Society of Anaesthesiologists: “PONSZAC 2013” held at JIPMER from 23rd – 25th August 2013.

➤ **State level Conferences**

3rd Annual state conference of Indian Society of Anaesthesiologists: Puducherry chapter - “PONCON 2012” on 3rd & 4th Nov 2012.

➤ **Continuing medical education programmes (CME)**

CME on Basics of Mechanical Ventilation at IGMC& RI on 21st Sep 2014

CME on Peripheral Nerve block at IGGGH & PGI on 21st Jan 2012

CME on BLS & ACLS guidelines 2010 at IGMC & RI on 31st 2012

➤ **Workshops**

Hands on workshop on Mechanical ventilation at IGMC & RI on 21st sep 2014

Workshop on interventional chronic pain management in 3rd November 2012.

Hands on workshop on Peripheral nerve block at IGMC & RI on 22nd Jan 2012.

Hands on workshop on BLS and ACLS Techniques at IGMC & RI on 6th, 13th, 20th and 27th September 2012

- **Others:** Periodic CPR awareness programs for staff nurses and Junior Doctors

Research Publications

1. Joseph R, Tripathy DK, Bhat RR. Modification of submental intubation using oral Ring - Adair-Elwyn (RAE) tubes in Faciomaxillary surgeries - A novel approach. *Ind J Anaesth* 2013;57:418-419
2. Joseph R, Bhavani V: Multipronged approach to attenuate hyper reactive airway during anaesthesia for a child with upper respiratory tract infection posted for emergency ophthalmic surgery. *IJSR* 2014;(2): 391-392
3. Joseph R, Deepak Paulose. T. Utility of Two Bag Test to Detect The Consequence of A 'Missing' Reservoir Bag. *IJSR* 2014;3(2):311-312.
4. Bhavani Viswanathan, Deepak Paulose. Spinal anaesthesia in Down's syndrome; a case report. *IJCRR*2015; 7(9):33-35.

Ongoing Research projects

1. Ultrasonographic assessment of airway and its correlation with Cormack- Lehane laryngoscopic grading – a prospective observational analytical study.
2. Comparison of intrathecal 0.5% and 0.75% ropivacaine with 0.5% bupivacaine in perianal day care surgery.
3. Ultrasonographic assessment of airway and its correlation with ease of insertion of laryngeal mask airway – a prospective observational study.
4. Comparison and evaluation of the effects of epidural anaesthesia administered with inj. Bupivacaine 0.5% vs inj. Ropivacaine 0.75%
5. Comparison of inj. Dexmedetomidine & propofol vs Fentanyl & propofol for insertion of laryngeal mask airway.
6. Ultrasound guided neurolytic block for trigeminal neuralgia.

7. Comparison of intrathecal isobaric levobupivacaine, levobupivacaine with clonidine and hyperbaric bupivacaine for quality of anaesthesia and duration of post operative pain relief in patients undergoing vaginal hysterectomy.

Professional Achievements:

Dr. I. Joseph Raajesh

Invited faculty for:

- CME & monthly ISA meet on “COPD & Perioperative challenges” at Trichy in March 2015
- 62nd Annual National Conference of Indian society of Anaesthesiologists, ISACON 2014: “Management of cervical spine trauma”
- 5th Annual state conference of ISA Puducherry Chapter: PONCON 2014” Anaesthetising an apprehensive child undergoing MRI: Anaesthetic challenges
- CME on basics of mechanical ventilation IGMC & RI 2014: “Interpretation of Ventilatory waveforms”
- 30th Annual South Zone ISA conference Vizac 2014 : Visakapattinam “ICU management of patients with burns”
- 5th National Annual conference of Emergency Medicine: PACE 2013: Puducherry - “Interpretation of Ventilatory waveforms”
- 29th Annual South Zone ISA conference PONSZAC 2013: Puducherry- “Trauma induced coagulopathy”
- 3rd Annual State conference of ISA Puducherry Chapter: PONCON 2012 Pondicherry - “Cardiovascular support and Treatment of SEPSIS”
- Annual State conference of Karnataka ISA: KISACON 2012 Mangalore- “MODS and Anesthesia”
- 4th National Annual conference of Emergency Medicine: Programme on Advances in Critical care & Emergency :PACE 2012-Madurai “Post Resuscitation care of Cardiac arrest Victim”

Organizing Chairman for the CME on “Basics of mechanical ventilation” held at IGMC & RI in September 2014

Resource person for:

- Workshop on “Basics of mechanical ventilation” - IGMC & RI- 2014
- Workshop on “Peripheral nerve block”- IGGGH & PGI - 2012

Posts held with Indian society of anaesthesiologists (ISA) Puducherry State:

Vice President: 2013, 2012

Dr. Debendra Kumar Tripathy:

Invited faculty for:

- Understanding Sonoanatomy RA-ASIA 2014
- Ventilator Associated Pneumonia- JIPMER 2014
- Anaesthesia for endocrine emergency, ISACON 2013
- Modes of mechanical ventilation- PACE 2013
- Closed loop system in anaesthesia practice, PONCON 2012
- Use of USG in anesthesia and critical care VMMCH, KARAIKAL 2011
- USG for peripheral nerve block, Kamineni Hospitals, Hyderabad 2011
- Pro- con session. Nitrous oxide should be used in general anaesthesia. PONCON 2011

Organizing secretary

- South zone anaesthesia conference PONSZAC2013, JIPMER
- CME & workshop on basics of mechanical ventilation: IGMC & RI , 2014
- CME & workshop on “Peripheral nerve block” 2012, IGMCRI

Resource person for:

- Ultrasound in anaesthesia practice - workshop at Kamineni Hospitals, Hyderabad, 2011
- Ultrasound for peripheral nerve block –workshop at IGMCRI, 2012.
- Advance Anaesthesia workstation – PONSZAC 2013, JIPMER
- Basic modes of mechanical ventilation- workshop at IGMCRI, 2014.
- Ultrasound for airway and lungs evaluation –PONCON 2014, SMVMCH

Posts held in the Indian society of anaesthesiologists (ISA), Puducherry State:

Vice president 2015

Secretary 2013, 2012

Presented a paper titled “Comparative evaluation of gum-elastic bougie and introducer tool as aids in positioning of ProSeal laryngeal mask airway in patients with simulated restricted neck mobility” at EUROANAESTHESIA 2012 , Paris, France.

Dr. Pratheeba N.

- Resource person and the Member of the Organizing Committee for the Workshop on “Basics of mechanical ventilation” held at IGMC & RI, 2014
- Invited speaker for the Pros & Cons session on “Ketamine : A devil or an angel to Anaesthetist” PONCON 2014

Dr. Ravindra Bhat R.

Invited faculty

- “Priming the ventilator” CME on “Basics of Mechanical Ventilation” 2014
- Pro-con session.” Spontaneous ventilation is good in general anaesthesia”- Indian Society of Anaesthesiologists Annual State conference (PONCON) Pondicherry 2012.
- Pro-con session.“ Nitrous oxide should not be used in general anesthesia.”- Indian Society of Anaesthesiologists annual State conference (PONCON) Pondicherry 2012

Resource person for:

- Workshop on “Airway ultrasound” PONCON 2014
- Workshop on “Anaesthesia workstations” PONSZAC 2013

Resource person and Treasurer-Organizing Committee

- Workshop on “Basics of mechanical ventilation” IGMC & RI, 2014
- 29th Annual South Zone ISA conference PONSZAC 2013: Puducherry
- Workshop on “Peripheral nerve block” IGMC & RI, 2012

Posts held in the Indian society of anaesthesiologists (ISA), Puducherry State:

Treasurer: 2013, 2012

EC member: 2014

Dr. Deepak Paulose T.

Invited faculty

“Complications of Mechanical Ventilation” CME on “Basics of Mechanical Ventilation” 2014

Pro-con session- Spontaneous ventilation is good in general anaesthesia PONCON 2012

Acute pain management CME ISA Pondicherry, 2012

Resource person and Member - Organizing Committee for:

- Workshop on “Basics of mechanical ventilation” IGMC & RI, 2014
- Workshop on “Peripheral nerve block” IGMC & RI, 2012

Posts held in the Indian society of anaesthesiologists (ISA), Puducherry State:

EC member 2013, 2012

Dr. V. Bhavani

Invited faculty

Pros & Cons session on “Ketamine: A devil or an angel to Anaesthetist” PONCON 2014

CME (Basics of Mechanical Ventilation 2014) - Decoding the Ventilatory Jargon

Resource person and Member-Organizing Committee for:

- Workshop on “Basics of mechanical ventilation” IGMC & RI, 2014
- Workshop on “Anaesthesia workstations” PONSZAC 2013

Posts held in the Indian society of anaesthesiologists (ISA), Puducherry State:

EC member 2015

Dr. Remadevi R.

Resource person and Member – Organizing Committee for:

- Workshop on “Basics of mechanical ventilation” IGMC & RI, 2014.

Dr. Sangeeta Dhanger

Resource person and Member – Organizing Committee for:

- Workshop on “Basics of mechanical ventilation” IGMC & RI, 2014.

Dr. Vijayalakshmi Sivapurapu

Resource person and Member- organizing committee for:

- Workshop on Mechanical Ventilation held at IGMCRI, 2014.

DEPARTMENT OF RADIODIAGNOSIS

Infrastructure, Facilities and Faculty

The Department of Radiodiagnosis oversees approximately 150-200 patients per day. The Department has excellent X- Ray equipments where 250-500 X-ray /day are taken. The Department has a Fluoroscopic equipment for special investigations (Barium Studies, IVU/MCU etc) and does approximately 30-40 cases/month. The Department has great facilities for ultrasound and Doppler studies and does approximately 1000 cases/month. The Department has a 160 slice CT scanner which is one of a kind which incorporates cutting edge technologies that will not only meet current clinical requirements but can also serve as a new standard platform in the future. The Department is involved in teaching undergraduate MBBS students and training Residents. It is also actively involved in research.

Faculty

Assistant Professor & Head : Dr. Poonam Kullu, MD

Assistant Professor : Dr. Uma Maheshwari, DNB



Left to Right : Dr. Uma Maheshwari, Dr Poonam Kullu.

Research Publications:

1. Poonam Kullu, Thirunavukkarasu Arun Babu, Shanthi Ananthkrishnan, P Jayakumar. Unusual Complication of Toxic Megacolon in typhoid Colitis. Indian J Pediatr 2014;8(5): 504-506.
2. Uma Maheshwari Effect of positioning from Supine and left lateral positions to left lateral tilt on maternal blood flow velocities and waveforms in full term parturients. Anaesthesia2012; 67(8): 889-893.
3. Uma Maheshwari Intrarenal Doppler indices in Acute ureteric obstruction. Journal of Clinical & Diagnostic Research 2014; 8(12): 11-13.

Ongoing Research Projects:

- Ultrasonographic assessment of airways and its correlation with insertion of LMA- An observational study.
- Ultrasonographic assessment of airways and its correlation with intra- operative CORMACK- LEHANE laryngoscopic grade- An observational study.

DEPARTMENT OF DENTISTRY

Infrastructure, Facilities and Faculty

The Department of Dentistry, IGMC & RI provides state of art treatment to all the patients. The department is well equipped with two electrically operated dental chairs and has facilities like intra oral X-ray machine, Scalar for oral prophylaxis Light cure unit for Tooth colored restorations. The department is well equipped to treat maxillofacial infections, impacted third molars, odontogenic cysts & tumors and maxillofacial fractures. The common treatments like Temporary filling, permanent filling and root canal therapy for anterior teeth are routinely performed.

Faculty

Associate Professor & Head : Dr. S. Devakumari, MDS



Departmental News

Department of Dentistry in collaboration with ENT, had started surgical treatment for the management of oral cancer and operated two patients with oral Squamous Cell Carcinoma. One patient with Ca. left buccal mucosa was treated with excision and reconstruction with collagen membrane and supra omohyoid neck dissection. The reconstruction of oral mucosal defect is usually done with skin graft or pedicled graft but in this case we used a collagen membrane as a graft material which is a contemporary approach for the management of oral mucosal defects. Another patient with carcinoma left mandible was treated with hemimandibulectomy and reconstruction done with three dimensional reconstruction plate and collagen membrane and left supra omohyoid neck dissection. Both the patients were on follow up and sent for radio therapy in JIPMER.

Publications

1. S. Devakumari. Management of Palatal Fistula with Modified Alveolar Extension Palatoplasty – A Promising Technique. Pakistan Oral & Dental Journal 2012; 32(2):187-90.
2. Deepak Thomas, S Devakumari. Hepatitis B and Dentistry. Pakistan Oral & Dental Journal 2013;33(2):227-31
3. Caliaperoumal Santhosh, Devakumari Shanmugam. Metastatic follicular carcinoma of thyroid in maxilla. Dent Res J 2013;10(8):17-9.
4. Kumaran Alias Ramesh Colbert, Devakumari S. Diagnosis and Management of Deeper Neck Infections-A Review, IOSR-JDMS2013;9(5):36-41.
5. S.Devakumari, T.Vijhayapriya. Trigemino Cardiac Reflex and Its Importance in Maxillofacial Surgery- A Review. IOSR-JDMS2013;12(2):07-1.
6. Kumaran Alias Ramesh Colbert, Devakumari S. Odontogenic Maxillary sinusitis -Need for Multidisciplinary Approach-A Review. IOSR-JDMS2014;13(6):25-30.

OFFICE OF THE MEDICAL SUPERINTENDENT

Office of the Medical Superintendent is situated in the first floor of the Hospital block. Administrative team consists of Medical Superintendent, Resident Medical Officer, Public Relation officer and Nursing Superintendent. Resident Medical Officer looks after the cleanliness of the hospital complex, allotment of special ward and problems related to medico legal cases. Public Relation Officer liaisons between the public and various clinical departments, and efficiently manages the grievances from various sections of the society.

During every fortnight rounds by the MS along with the engineering section (Civil, Mechanic, Electrical) RMO, PRO, Matron and representation of the multipurpose workers and addresses and rectifies various issues in the hospital.

Prime Minister's Swachh Bharat campaign is being actively implemented in the campus which has been appreciated by everyone. Emergency ambulance services including 108 service is being monitored by MS office.

Purchase of drugs & various equipments for the hospital is being done on a priority basis so that patients do not suffer from lack of drugs or investigations.

The hospital has been improving at rapid pace and serving the public more efficiently.

Resident Medical Officer : Dr. R. Ezhumalai, M.B.B.S

- Joined Pondicherry Health Service in the year 1979
- Officiated as RMO, IGGGH & PGI during the year 2002-2003
- Officiated as RMO, R.G.W.C.H during the year 2004 to 2011

Presently plays an administrative role by coordinating with the Police for medicolegal cases, allocating beds in special ward., management of general cleanliness including 'Swachh Bharat' scheme and biomedical waste, and transportation services.

Public Relation Officer: Dr. M. Vassoudevane, M.B.B.S

- Public Relation Officer at IGMC & RI from 2010.
- Worked as PRO at IGGGH & PGI, Puducherry for 7 years

Presently plays an administrative role by co-ordinating with MS and RMO, organising various programmes and functions of the Institute including press release, and addressing grievances of patients.

CASUALTY

Officer In-charge of Casualty: Dr. M. Elangovan

Staff Strength:

- Junior Residents : 6
- Staff Nurses : 10
- Male Multi - Purpose Workers : 11
- Female Multi - Purpose Workers : 9

Bed Strength:

25 Beds

- Medical Emergency Ward : 16 Beds
- Surgical Emergency Ward : 9 Beds

Facilities:

The casualty is well equipped with the following equipment's:

- Ventilator
- Multi Para monitor
- Defibrillator
- Nebulizers
- Syringe Pumps

Average casualty patients attendance is 300 / day.

The emergency ward is equipped with centrally supplied oxygen and suction service. In casualty, facilities are available for conducting emergency deliveries. All drugs for emergency management are available. Emergency investigatory tools (ECG, GMR) are available. Emergency management for Trauma Care is done at minor OT. All referral cases are handled by the ambulance and with ambulance (NAS) 108.



Staff of the MS Office including Director, Dr. V. Govindaraj, Dr. M. Vassoudevane, Dr. R. Ezhumalai, Dr. M. Elangovan

COLLEGE COUNCIL

The college council is held periodically to discuss the academic, administrative, student's affair and other matters regarding the development of the college and hospital.

Members of the College Council

- | | |
|-------------------------------------|---------------------------------------|
| 1. Dr. V. Govindaraj | Director, Chairperson |
| 2. Dr. Nandita Banaji | Prof & Head – Microbiology |
| 3. Dr. Balasubramanian R. | Prof & Head – General Medicine |
| 4. Dr. Simon David Dasiah | Prof & Head – General Surgery |
| 5. Dr. Ramachandra V Bhat | Prof & Head – Pathology |
| 6. Dr. Nitin Ashok John | Prof & Head – Physiology |
| 7. Dr. S. Aruna | Prof & Head – Anatomy |
| 8. Dr. Kavita Vasudevan P. | Prof & Head – Community Medicine |
| 9. Dr. C. Udayashankar | Prof & Head – Dermatology |
| 10. Dr. S. Kumaran @ Ramesh Colbert | Prof & Head – ENT |
| 11. Dr. Shanthi A. K. | Prof & Head – Paediatrics |
| 12. Dr. I. Joseph Raajesh | Prof & Head – Anaesthesiology |
| 13. Dr. A. Bupathy | Prof & Head – Obstetrics & Gynecology |
| 14. Dr. Sharbari Basu | Asso. Prof & Head – Biochemistry |
| 15. Dr. Naveen Nair | Asso. Prof & Head – Orthopaedics |
| 16. Dr. T.N. Ezhilvathani | Asso. Prof & Head – Ophthalmology |
| 17. Dr. R. Venkateswarababu | Asso. Prof & Head – TB & Resp Med |
| 18. Dr. Fremingston Marak | Asso. Prof & Head – Forensic Med |
| 19. Dr. S. Devakumari | Asso. Prof & Head – Dentistry |
| 20. Dr. Lourdu Jafrin A. | Asso. Prof & Head – Pharmacology |
| 21. Mr. R. Anbajagane | Administrative Officer |
| 22. Dr. Sivagnanam G. | Prof – Pharmacology, Member Secretary |

The following protocols were implemented in IGMC & RI following the recommendations of HICC:

1. Operation theatre fumigation
2. Operation theatre cleaning
3. Biomedical waste management
4. Pre operative prophylaxis –
5. Protocol for patients with MRSA
6. Post exposure prophylaxis following needle stick injuries was discussed and made available at the casualty
7. Infection control booklet – A small hand booklet containing all the protocols and procedures was prepared and distributed to all the doctors at IGMC & RI

between the various specialities. A case-scenario is usually used to introduce a particular topic. Discussion is undertaken by faculty from relevant specialities to provide a complete picture to the students for the management of that particular case. Students are assessed at the end of the session with relevant MCQs. Feedback from students has been good and encouraging. MEU is involved in the planning and conduct of the ITP and each meeting & ITP session is co-ordinated by a MEU member.

2. Faculty development programme:

Teachers of medical professionals need to be trained in framing objectives, selecting appropriate teaching/learning (TL) methods and proper evaluation methodologies. They should also be trained in educational science and technology. Medical Council of India has made it mandatory for all medical teachers to undergo the basic workshop on Medical education technologies. The MEU of this institute decided to undertake this faculty development programme in 2013. First, the members of the MEU underwent training in medical education technologies at the MCI regional center, SRMC, Porur, Chennai. Then these trained faculties were resource persons for the faculty development programme conducted at IGMC&RI in April 2014. About 30 faculty, including Professors, Associate Professors and Assistant Professors were trained in this three day programme. An observer from the regional center, nominated by the MCI, was present on all days to co-ordinate and supervise the conduct of the programme. The MEU plans to conduct many more such programmes in the future.

3. Interns Orientation Programme:

The first batch of MBBS students started their compulsory residential rotational internship on 5th January 2015. The MEU organized a one-day orientation programme for the interns to align them to the functioning of the hospital. The best practices in infection control, prescription writing, requisition of lab investigations and in oral communication with patients and colleagues in the hospital was discussed. Ethical principles to be followed in patient management and importance of maintenance of complete and relevant medical records were also deliberated upon in the orientation programme.

REPORT FROM THE INSTITUTE RESEARCH COUNCIL

The 7th College Council meeting was held on the 3rd of September 2012, where it was decided to constitute the Institute Research Council. The members were nominated in the meeting and Prof. K.C. Panigrahi, HOD of Community Medicine was the Member-Secretary.

Subsequently, the rules, regulations and standard operating procedures for the Institute Research Council were laid down and the IRC began to function. On Dr. K.C. Panigrahi's resignation, Dr. Sharbari Basu, HOD, Department of Biochemistry was nominated the Member- Secretary on 26th August 2014.

Members

Dr. Shanthi A. K.	Prof & Head - Paediatrics
Dr. I. Joseph Raajesh	Prof & Head - Anaesthesia
Dr. Simon Dasiah	Prof & Head – General Surgery
Dr. S. Srinivasan	Assoc. Professor - Microbiology
Dr. Thara Sundar	Assoc. Professor - Anatomy
Dr. S. P. Sinhasan	Assoc. Professor - Pathology
Dr. B. Kavitha	Assoc. Professor - Medicine
Dr. V. K. Chavada	Assoc. Professor - Community Medicine
Dr. Sharbari Basu	Assoc. Prof. & Head – Biochemistry, Member-Secretary

This committee has conducted 4 meetings on 19.11.2014, 25.11.2015, 19.01.2015, and 20.01.2015, wherein, eleven faculty projects and thirty eight students', ICMR STS projects were discussed. Of these, 9 faculty projects and 37 students' projects were approved and forwarded to the IEC. Ten students' STS projects have been selected by the ICMR.

Another meeting of the IRC was conducted on 07.04.2015, where seven projects that were submitted to the Multi Disciplinary Research Unit by the faculty were discussed.

INSTITUTE ETHICS COMMITTEE

"Protecting Participants', Guiding Researchers"

Introduction:

Institution ethics committee (Human Studies) of Indira Gandhi Medical College and Research Institute Puducherry was formed in 2010 with eminent medical scientist Dr. K. Ananthkrishnan as its chairman. The basic purpose of this committee is to safeguard the dignity, rights, safety and well being of all research participants. Since its inception in 2010, it is providing independent, competent, and timely review of the ethics of proposed studies. All the projects conducting in the institution should undergo ethics review before commencement of the research.

Our IEC is registered under Drugs & Cosmetic Act with registration no. ECR/1120/Indira/Inst/PY/2014 in November 2014 by office of Drugs Controller General (under DCGS). Regular training is being arranged for committee members in dealing with various aspects of biomedical research.

Report of activities for the period 2010-14

Since its inception in 2010, review meetings were held regularly for ethical clearance of various study proposals.

In this period, 121 projects have been reviewed; out of which 14 were withdrawn, 4 were not approved, 103 were approved.

Contact details:

Member Secretary: Dr. Ramachandra. V. Bhat

Prof & HOD, Department of Pathology, IGMC & RI, Puducherry-09

Email: rvbhatpath@yahoo.com

Mobile: +919952405399

Chairman: Dr. J. Shanmugam , M.Sc.,Ph.D

Professor, Department of Microbiology, SMV Medical College & Hospital,
Puducherry – 605 107.

Phone no: Residence: 0413-2291440, Office: 0413-2346000

E mail: drjshanmugam@gmail.com

**Details of the IEC members Institute Ethics Committee
Indira Gandhi Medical College & Research Institute, Puducherry**

	Name & Qualification	Organisation / Institution	E-mail ID & Phone no./fax	Members Speciality
1.	Dr. J. Shanmugam M. Sc. Ph. D. (Microbiology)	Deputy Dean, PG Studies, MGMC & RI, Puducherry.	9486623094 drjshanmugam@gmail.com	Chairman, External member
2.	Dr. R. Raveendran , MBBS., MD (Pharmacology)	Professor, JIPMER	9283155067 dr.ravee@gmail.com	IEC, External member; Medical Scientist (Basic Medical science)
3.	Dr. Vijayalakshmi K., M.A., M.L.	Principal, Govt. Law College, Puducherry.	0413-2656550 kvjram31@gmail.com	IEC external member, Legal expert
4.	Dr. B. Rangaiah, M.Sc, M.phil, Ph.D	Associate Professor of Applied Psychology, Pondicherry University.	9042460674 Rangaiah.psy@pondiuni.ed u.in	IEC external member; Representative of general public
5.	Mr. S. Madivanane , B.A.,	Proprietor: Vasuntharaja bus service Member – Rotary club of Pondicherry (Central)	9843033339 madhivanane@gmail.com	IEC external member; Social activist / NGO member
6.	Dr. Shanthi Ananthakrishnan MBBS., MD., (Paediatrics)	Associate professor of Paediatrics, IGMC & RI.	0413-2205665 Shanthiak@yahoo.co.uk	IEC member; clinician
7.	Dr. Ramachandra V. Bhat, MBBS., MD., (Pathology)	Professor of Pathology, IGMC& RI.	9952405399 rvbhatpath@yahoo.com	IEC member; secretary Medical Scientist.
8.	Dr. Malini. A MBBS., MD., (Microbiology)	Associate professor of Microbiology, IGMC&RI	9944758049 drmalinirb@yahoo.co.in	IEC member; Medical Scientist (Basic Medical scientist)
9.	Dr. K. Balamurugesan MBBS., MD., (General Medicine)	Associate professor of General Medicine, IGMC&RI, Puducherry	8012344492 Pkbala77@hotmail.com	IEC Member; Clinician
10.	Dr. Fremingstron K. Marak MBBS., MD., (Forensic Medicine)	Asst professor of Forensic Medicine	9944932873 fkston@gmail.com	IEC member; Medical Scientist (Basic Medical scientist)

CENTRAL ANIMAL HOUSE

The Central Animal House of IGMC & RI is located in the eastern part of the campus in an area of 305 sq.m. It has various facilities such as veterinary doctor room, technician room, store room, operation theatre, rooms for rabbit, rat, mice, guinea pigs and quarantine room. The objective of the Animal House is to aid in research apart from the routine teaching for the undergraduate students. Registration of the Animal House under CPCSEA is in process.

Institutional Animal Ethics Committee (IAEC)

Objectives:

- To receive, review, approve and monitor research proposals involving animals.
- To maintain the Animal House as per CPCSEA guidelines.

The IAEC was **reconstituted** on 04.03.2015 consisting of the following members

- | | |
|--|------------------|
| 1. Dr.V. Govindaraj, Director, IGMC & RI | Chairperson |
| 2. Dr. B. Kumaran, Associate Professor, TAC, Zoologist | Member |
| 3. Dr. B. Srinivasan, Associate Professor, Microbiology, IGMC & RI | Member |
| 4. Dr. K. Coumarane, Veterinary Medical Officer, Puducherry Municipality | Member |
| 5. Dr. B. Maharani, Associate Professor, Pharmacology, IGMC & RI | Member Secretary |

The First IAEC meeting was conducted on 10.3.2015 with a decision to register the Central Animal House under CPCSEA.

PHARMACOVIGILANCE COMMITTEE

The Pharmacovigilance Committee of IGMC & RI was formed on May 2010.

Objectives:

1. To monitor and report the previously unrecognized adverse drug reactions (ADR) or changes in the pattern of known ADR.
2. To optimize safe and effective use of medicines in our set up.
3. To provide the safety related information to all stakeholders.
4. To create awareness among the healthcare professionals in reporting ADR.
5. The committee shall assist in the formulation of professional policies regarding the evaluation, appraisal, selection, procurement, storage, distribution, use, safety procedures and all other matters relating to drug usage in the hospital.
6. Preparation and maintenance of Hospital formulary.
7. Review of drugs in hospital pharmacy.
8. Assisting Causality Assessment Committee.

Pharmacovigilance Committee Members:

Chairman

Dr. V. Govindaraj

Director

Vice-Chairman

Dr. Sivagnanam G.

Professor – Pharmacology

Members

1. Dr. Nandita Banaji
Prof & Head – Microbiology
2. Dr. Balasubramanian R.
Prof & Head – General Medicine
3. Dr. Simon David Dasiah
Prof & Head – General Surgery
4. Dr. Kavitha Vasudevan
Prof & Head – Community Medicine
5. Dr. C. Udayashankar
Prof & Head – Dermatology
6. Dr. S. Kumaran @ Ramesh Colbert
Prof & Head – ENT
7. Dr. Shanthi A. K.
Prof & Head – Paediatrics
8. Dr. I. Joseph Raajesh
Prof & Head – Anaesthesiology
9. Dr. A. Bupathy
Prof & Head – Obstetrics & Gynecology
10. Dr. Naveen Nair
Assoc. Prof & Head – Orthopaedics
11. Dr. T. N. Ezhilvathani
Assoc. Prof & Head – Ophthalmology
12. Dr. R. Venkateswarababu
Assoc. Prof & Head – TB & Resp. Med.
13. Dr. S. Devakumari
Assoc. Prof & Head – Dentistry
14. Dr. Poonam Kullu
Asst. Prof & Head – Radiology

REPORT FROM THE STAFF ADVISOR

Extramural Events

The students of IGMC&RI have been participating in cultural, sports and academic events organized by various medical colleges and government organizations.

The students have regularly participated at “SPANDAN”, the annual national inter-collegiate socio-cultural meet organized by JIPMER Pondicherry and have won prizes in events like clay-modelling, face-painting, rangoli, mehendi, collage, pot-painting and in relay race and high jump. The students have won prizes in the field of creative- writing, pot-painting, collage and group dancing at “AURA”, the cultural festival organized by Pondicherry Institute of Medical Sciences, Pondicherry every year. The football and chess teams from IGMC&RI were declared winners at “ARENA”, the inter-college sports meet organized by Sri Manakula Vinayagar Medical College and Hospital, Pondicherry, between 12th and 15th March 2015.

A team of students have presented papers at the Annual Conference of Anatomists and won the Leela Krishnamurthy Memorial best paper awards in 2012 and 2013. The students have won prizes at the Regional Level Quiz in Paediatrics, RESPI-QUIZ, Tropical Parasitology Quiz and the State Level Quiz in Preventive and Social Medicine in 2013. S.Shanmathi of the second batch of MBBS students was declared a winner along with nineteen others from all over India in the All India Basic Medical Sciences Olympiad organized by ELSEVIER, India in 2012.

A team of students have won the first prize in the State Level Health Quiz conducted by the IEC Department of the Health Directorate, Government of Puducherry, in 2014. A team of students have won the annual inter-college Quiz contest in Biochemistry “QUEMIZTRY” ,in 2014,organized by PSG Medical College, Coimbatore. Students have won the third prizes in the mediquiz “COGNITO’14” organized by CMC, Vellore and “VESALIQUEST 2014”, the quiz in Anatomy organized by Thanjavur Medical College, Thanjavur.

Students from IGMC&RI have bagged the first and third prizes in the Ophthalmology quiz organized by KAPV Medical College, Trichy, in 2014. The Pondicherry chapter of the Association of Medical Biochemists of India organizes inter-college quiz contests for students of first MBBS. The team from the college has won the second prize in 2012. Another team from the current batch has won the first prize in the same conducted in March 2015

The students have also won prizes in various competitions namely, “just two minutes”, and “English Talk”, organised by Pudukai Vani, the Community radio station of Puducherry in 2012. Students have also bagged prizes in elocution and essay writing contests organised by the Chief Electoral Officer, Puducherry in 2014.

Intramural Events

The students participate enthusiastically in academic events organised by the departments as part of teaching learning activities. These events are poster presentation, model and chart making, street plays, role plays and quiz programmes.

The Students’ Association has also organised Sports Day, College Day, Hostel Day and Fresher’s Party. The Students Association organises various interclass, sports events competition in track and field events and games like cricket, football, volleyball, badminton, basketball, chess and carom. Fine arts events like mehendi, rangoli, face-painting, collage, card making are organised. Competitions are held in dancing, music, miming, skit and adzap. The Literacy and Debate committee organises events like Debate, Extempore, Block and Tackle, Creative writing and poetry writing. The prizes for all these events are given away on the College Day where the Hon’ble Chief Minister, Government of Puducherry is the Chief Guest. The students also celebrate festivals like Pongal, Holi, Onam and Tamil New Year with gaiety and enthusiasm with due traditional flavours.

Dr Sharbari Basu
Prof. & Head - Biochemistry
Staff Advisor

ANTI RAGGING COMMITTEE

Indira Gandhi Medical College and Research Institute has formulated the Anti-Ragging Committee to ensure that no ragging incidence occurs in campus. The anti-ragging committee along with help of other faculty and staff members appointed for vigilance duties; has regular and continuous supervision to prevent and curb any ragging practices inside the college, hostel and campus. The students are made aware at the beginning of every academic year of the guidelines and regulations of the UGC, Medical Council of India and Supreme Court of India regarding Ragging Prohibition.

Anti-Ragging Committee Members

Chairman

Dr. V. Govindaraj

Director

Members

- | | |
|-----------------------------|-----------------------------------|
| 1. Dr. Nandita Banaji | Prof & Head - Microbiology |
| 2. Dr. S. Aruna | Prof & Head - Anatomy |
| 3. Dr. Sharbari Basu | Assoc. Prof & Head - Biochemistry |
| 4. Dr. D. Niraimathi | Assoc. Prof - Physiology |
| 5. Dr. S. Srinivasan | Assoc. Prof - Microbiology |
| 6. Dr. K. Balamurugesan | Assoc. Prof - Medicine |
| 7. Dr. C. H. Basavandaswami | Assoc. Prof– General Surgery |

Member Secretary

Dr. N. A. John

Prof & Head - Physiology

The students are informed that ragging includes “disorderly behaviour or treatment with fellow student whether by words, spoken or written or by an act which has the effect of teasing, treating and handling with rudeness any other student, indulging in rowdy or indecent activities, which may cause or is likely to cause physical or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student”.

An affidavit of undertaking is taken from all students and parents including hostellers that the students shall not indulge in ragging and that they are aware of the consequences thereof. Some of the punishments for students directly or indirectly involved in ragging and its abetment are as follows : cancellation of admission, suspension from attending classes, suspension / expulsion from the hostel and other measures required to be taken as per the directive of the Supreme Court of India.

We are happy to report that no single ragging incident has occurred or been registered between the years 2010-2015. We continuously endeavour to ensure a ragging free campus for our students.

CENTRAL LIBRARY

The Central library complex is a separate entity consisting of five floors with 2,500 Sq. m. floor area. It encompasses reading halls for students, reading rooms for residents and faculty. A separate air-conditioned enclosure with forty computers with high speed internet connectivity is available for students as well as faculty. The library is manned by qualified staff. It has a large collection of 11,000 medical text and reference books. About 100 medical journals (both National and International) are subscribed. The library functions on all working days between 8.00 am and 9.00 pm with no lunch break.

Library Committee Members :

- | | |
|-----------------------------------|---------------------------------------|
| 1. Dr. Govindaraj.V | Director |
| 2. Dr. Sivagnanam G. | Prof - Pharmacology, Member Secretary |
| 3. Dr. Nandita Banaji | Prof & Head - Microbiology |
| 4. Dr. S. Aruna | Prof & Head - Anatomy |
| 5. Dr. Sharbari Basu | Prof & Head - Biochemistry |
| 6. Dr. Nitin A. John | Prof & Head - Physiology |
| 7. Dr. S.Kumaran @ Ramesh Colbert | Prof & Head - ENT |
| 8. Dr. A. Bupathy | Prof & Head - Obstetrics & Gynecology |
| 9. Dr. Lourdu Jafrin | Assoc. Prof & Head - Pharmacology |
| 10. Mr. P. Rajaganapathy | Library Assistant |



Library Staff

HOSTEL, MESS AND AUDITORIUM

Dr N.A. John
Ex – Chief Warden (Jan 2011- March 2015)

Dr S Aruna
Chief Warden April 2015 onwards

Our campus offers affordable accommodation within a comfortable, sociable environment for the students and the residents. The Boys hostels Campus consisting of BH1, BH2, situated in the main campus, is a vibrant place allotted to the students. These Resident Hostels have a capacity of 208 rooms for our residents. The Girls hostel provides a homely environment to the lady scholars of our institute. It consists of two hostels GH1, GH2 with a residential capacity of 208 students. The mess block of the hostel fulfils the dining requirements of the students .The students are able to dine with ease and comfort.

For the all round development, the students can access the recreational facilities like sports such as Volley ball, Badminton, Table tennis, Cricket etc and are complimented with gymnasium and common TV rooms. These facilities provide sufficient avenues for students to relax and decompress from the demanding academic activities. Different festivals and cultural events are celebrated together within the hostel campus in a very friendly and homely atmosphere.

The open air theatre located in the campus houses an extensive backstage area with green room. Ample green cover all around the area provides a visually appealing and healthy environment. Different festivals and cultural events of the college are celebrated here.

Hostel Committee Members

Dr. S. Aruna	Chief Warden
Dr. Vijay Kantilal Chavada	Warden Boys' Hostel
Dr. R.Vinayagamoorthi	Deputy Warden Boys' Hostel
Dr. Vinodh	Asst. Resident Warden Boys' Hostel
Dr. A. Malini	Warden Girls' Hostel
Dr. N. Isaivani	Deputy Warden Girls' hostel
Dr. Berenice Stella B.	Asst. Resident Warden Girls' Hostel

Mess Committee Members

Officers in-charge : Dr. Umadevi S.V., Dr. Vijay Kantilal Chavada

Open Air Theatre & Cultural Events



HOSTEL & MESS



Hostel

Mess Block



Service Area



Dining Area

ADMINISTRATIVE OFFICE

It gives us immense pleasure to know that IGMC & RI is releasing its first Bulletin comprising the achievements of the college over 5 years.

Indira Gandhi Medical and Research Institute (IGMC & RI) functioning under Perunthalaivar Kamaraj Medical College Society has been established by the Government of Puducherry in the year 2010 as an autonomous Institution administered by duly constituted Governing Body headed by the Hon'ble Chief Minister as Chairman and the Secretary (Health) as Vice-Chairman.

Over the past five years the college has made rapid progress in providing both infrastructural and academic excellence. The college is headed by the Director who is assisted by the Administrative Officer and Finance officer in administrative and financial matters respectively. The personnel in the administrative and finance wing ensure smooth conduct of the college administration. Over the past 5 years, 109 number of faculty and 160 number of Staff Nurses have been recruited. With the minimum number of Staff mostly on contract basis, the administrative wing has achieved maximum results. Needless to emphasize that, but for the unstinted efforts and co-operation of the administrative and financial wings of the college along with competent faculty, this Institute would not have excelled in providing a quality education to the students. Efforts are being taken to further strengthen the administrative machinery to cope with the multifarious challenges in making the college and hospital a premier Institution in this region.

OFFICERS AND STAFF IN THE ADMINISTRATIVE WING

Name of the Officers / Staff	Designation
Dr. V. Govindaraj	Director
Dr. G. Sivagnanam	Dean
R. Anbajagane	Administrative Officer
S. Deivanayagasamy	Finance Officer
T. Djanaguiramane	Asst. Administrative Office
P. Rajendran	Asst. Finance Officer
K. Vijayakumar	Office Superintendent
G. Santhi	Office Superintendent
S.K. Deivanayagam	Assistant
M.G. Subramanian	Assistant
S. Patchaiyappan	Stenographer
S. Prasad	Assistant Programmer
D. Ashok	Data Entry Operator
V. R. Srinivasan	Upper Division Clerk
N. Krishnamurthy	Upper Division Clerk
S. Ravindran	Upper Division Clerk
R. Bascarane	Upper Division Clerk
V. Mathivanan	Lower Division Clerk
V. Chandrasekaran	Lower Division Clerk
A.V. Royalu	Lower Division Clerk
Drivers-Cum-Attendants:	Multi-Purpose Workers (Regular)
D. Manogar	K. Sambassivame
P. Mohan	C. Subashini
V. Premananth	K. Magalingam
S. Ramalingam	S. Djeakandane
R. Djeacoumar	C. Perrotet Sathishkumar



Officers and Staff of the Administrative wing

ACADEMIC CO-ORDINATION COMMITTEE

The Academic Co-ordination Committee ensures effective and systematic conduct of the academic programme for the undergraduate students including class time-tables, internal assessment schedules and conduct of University exams.

In-charge:

First Year : Dr. N. A. John, Prof & Head, Dept. of Physiology

Second Year : Dr. Ramachandra V. Bhat, Prof & Head, Dept. of Pathology

Final Year (Part I) : Dr. Kavita Vasudevan P., Prof & Head, Dept. of Community Medicine

Final Year (Part II) : Dr. Balasubramanian R., Prof & Head, Dept. of Medicine



IGMCRI Students' Association (ISA)

2015 Office Executives

President: Vignesh L.

Vice President: Suhail Ahamed M. N.

General Secretary: Ranjith kumar G.

Treasurer: Althaf Assis

Secretaries for the committees

- 1. Communications and Public Relations:** Balaeshwar
- 2. Academics committee:** Praveen R.
- 3. Literature and debate committee:** Janani R.
- 4. Social services and Humanities committee:** Tarun Jerusson
- 5. Fine arts committee:** Nimali G.
- 6. Sports committee:** Sanjeevi R.
- 7. Cultural committee:** Gokula Raman K.
- 8. Technical committee:** Shanmugam S.
- 9. Prize & Reception committee:** Cannabirane Elodie
- 10. Disciplinary committee:** Siva Sai Venkata Surendara K.
- 11. Food and catering committee:** Amirthalingeswaran
- 12. Magazine committee:** Pritish Baskaran T. B.

DAY CARE CENTRE

The Day care centre was started in the college premises to cater the needs of the employee's children in the age group of 2-12 years. The co-ordinators of the day care centre are Dr. D. Niraimathi, Associate Professor, Department of Physiology and Dr. C. Udayashankar, Professor & Head, Department of Dermatology.

Day Care Centre is situated in a spacious, well lit and ventilated room with attached toilet facilities. Plenty of play materials like soft toys, building blocks, educative toys and books are available for the children. Two female attendants are deputed to take care of the children on full time basis.



ENGINEERING CELL

The Engineering Cell of IGMC&RI has been functioning since 2006 under the leadership of Project Manager in the Capacity of Chief Engineer with one Superintending Engineer, two Executive Engineers, three Assistant Engineers and seven Junior Engineers, all on deputation from PWD and Electricity Department. This Engineering cell has exclusively been created for construction of building projects and other Infrastructures for IGMC&RI having an area of 40 acres. As a first phase, core building projects viz Hospital Block, College Block, Library Block, Service Block and four Student's Hostel Blocks were taken up and except a part of Hospital Block all other buildings have been fully completed. The Engineering team with the help of consultant Architect have meticulously planned and programmed the building activities and constructed the buildings for obtaining the first MCI approval in 2010 and progressed further for the subsequent yearly renewal till now. The cost of construction of the buildings and other infrastructure so far is 213 crores. The IGMC&RI building has won the prestigious award of "ICI-ULTRA TECH AWARDS-2013" for the outstanding concrete structure of U.T of Puducherry, Cuddalore and Villupuram Districts for its qualitative construction adopting latest technology.

STAFF IN THE ENGINEERING CELL

Project Manager : Er. S. Manohar,

Superintending Engineer: Er. G. Vijayan

Assistant Engineer: Er. S. Jayakrishnan, Er. S. Sekaran, Er. P. Arunagiri

Junior Engineer: Er. V. Chitra, Er. R. Senthilkumar, Er. R. Srinivasan, Er. K. Codandam

PROJECT MANAGER

Er. S. Manohar, B.E.(Hons),F.I.E.

Date of Joining: 18.06.2015

Joined as Junior Engineer in PWD in 1979 and after serving as Assistant Engineer, Executive Engineer and Superintending Engineer promoted as Chief Engineer of the Department in August 2009 and retired from service in April 2015.

While in PWD, he was involved in the works of design, planning and execution of buildings, roads, water supply, sewerage, irrigation & flood control. He has done projects related with all major departments in all four regions of Union Territory of Puducherry. He has worked in the project of Rajiv Gandhi Women & Child Hospital at Puducherry and he has prepared the detailed project report for Super Speciality Hospital at Karaikal.

Special Achievements:

- The Lions Club of Puducherry has honored him with the Life Time Achievement Award.
- Has been Member of Institute of Management, Indian Roads Congress, Indian Concorde Institute, Indian Public Health Engineering and delivered speeches in seminars organized by them.



Left to Right : *Sitting :* S. Jayakrishnan, S. Sekaran, S. Manohar, G. Vijayan, P. Arunagiri

Sanding: V. Chitra, R. Senthilkumar, R. Srinivasan, K. Codandam

MAJESTY OF INTEGRATION OF MEDICAL EDUCATION

Anatomists lay the foundation – unravelling the mysterious nature of the body, developmental, radiological, surface and human - that's the mysterious caddy, *Physiologia'* enforcing the functional study – revealing, exploring the neutrality, discovering and estimating – the *Biochemist* domain – proving body's vitality.

The mysteries of death – the *Forensic* expert explores,
The clue for causation of disease the *Pathologist* restores,
The *Microbiologist* marches hand in hand so as to deadly organisms devour,
The kinetics, the therapeutics, the trial & research
That is the key to remedy which the *Pharmacologist* holds,

Physical, mental, social well-being is what *Preventive and Social Medicine* grooming,
Striking and uprooting from the body that's the *Surgeons* dynamic craving,
Drugs profile the *Physicians* prescribe – determined to prove that it does wonder,
Obstetrician helping the newborn to enter –does make the world ponder,
Paediatrician cares for the lovely kids – so at home they do not thunder,
Gynaecologist monitoring the menopausal stress – relieving the hubby to yonder,
Ophthalmologist says eyes are blue – yes they look lovely too,
The *ENT* surgeon keeps the passage through and through,
Bone to Bone, Teeth to teeth, X-ray and scan inward they peep,
Dental, Orthopaedic & Radiology services today we crucially need,

Behind the curtains the *Anaesthetist* strive,
Puts all efforts and helps the patient revive,
Oncologist and Radiotherapist give selfless services for giving patient ne life,
Urologist keeps the urinary tract patent, functional and wide,
Dermatologist maintains the skin to be healthy, glazing, blooming bright,
Neurosurgeon and Physician unveil the mystery of the delicate nervous sensibility,
Plasticsurgeon refresh, renovate, restructure and reconstruct the anaesthetic authenticity,
Diabetologist leveling sugar and *Leprologist* vanishing mycobacterium leprae,
Superspecialists giving remedy against disease and deaths decree,
Physiotherapists relieve pain and aches and reshape muscular mobility,
Occupational therapists reform the subjects renewing their ability and vitality,
All *Experts* work hand in hand forming a perfect sense of *Integration*,
For perfect health & vitality & disease disintegration.

Dr. N. A. John
Professor & Head, Physiology

EDITORIAL BOARD

CHIEF PATRON

Dr. V. Govindaraj, Director

PATRON

Dr. G. Sivagnanam, Dean

EXECUTIVE EDITOR

Dr. Nitin Ashok John

Professor & Head, Physiology

MEMBERS

Dr. Nandita Banaji

Professor & Head, Microbiology

Dr.A. Bupathy

Professor & Head, Obstetrics & Gynaecology

Dr. Kavita Vasudevan P.

Professor & Head, Community Medicine

Dr. S. Aruna

Professor & Head, Anatomy

Dr. Sharbari Basu

Associate Professor & Head, Biochemistry



Left to Right : Dr. Kavita Vasudevan, Dr. Sharbari Basu, Dr. N. A. John, Dr. G. Sivagnanam,
Dr. V. Govindaraj, Dr. Nandita Banaji, Dr. S. Aruna, Dr. A. Bupathy.

ACKNOWLEDGEMENTS

Our sincere thanks to the in-house team of the Editorial Board, the faculty members of the Department of Physiology, especially Dr. S. V. Umadevi, Dr. D. Niraimathi and Dr. K. Puviarasan and the main co-ordinators, Dr. Lalitha V., Dr. Saranya K and Dr. Rajalakshmi R on whom this mega responsibility was entrusted. The devotion and untiring efforts of the team in shaping up this bulletin is acknowledged, and appreciated. The overall co-ordination and hard work carried out by Dr. Saranya K., is applauded.