

**DR. T. SIVASHANMUGAM. MD, DNB, PDCC, FRCP.**  
**PROFESSOR AND HEAD**

**DEPARTMENT OF ANAESTHESIOLOGY**  
Mahatma Gandhi Medical College & Research Institute  
Sri Balaji Vidyapeeth University Campus  
Pillaiyarkuppam, Puducherry, 607402.  
Email: [drsiva95@gmail.com](mailto:drsiva95@gmail.com).  
Mobile: +91944250 5567  
Res: 0413-2273676.



**CAREER OBJECTIVE:** To understand the molecular dynamics and delivery of regional anaesthesia through high quality research and disseminate the knowledge through appropriate teaching and training methods to empower the Anaesthesiologist for better patient care.

**PERSONAL DETAILS:**

<b>Name</b>	<b>Dr. T. Sivashanmugam</b>
<b>Father's Name</b>	C. Thiyagarajan (late)
<b>Date of Birth</b>	22 – 12 – 1977
<b>Mailing Address</b>	No – 93 MuthamizhVaandarstreet SivajiNagar Gorimedu Puducherry – 605006 India
<b>Official Address</b>	Dept of Anaesthesiology, Mahatma Gandhi Medical College & Research Institute Sri Balaji Vidyapeeth University Campus. Pillaiyarkuppam Puducherry – 607 402 India

**EDUCATIONAL QUALIFICATIONS:**

MBBS (1995-2001)	Stanley Medical College, Chennai, India
MD - Anesthesiology (2002-05)	Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Pondicherry, India
DNB – Anaesthesiology (2005)	National Board of Education. India
Post Doctoral Certificate Course in Cardiothoracic Vascular & Neurosurgical Anesthesiology (2006)	Sri Chitra Tirunal Institute of Medical Sciences & Technology(SCTIMST) Trivandrum, India
FRCP(Glasgow) – 2012	Conferred honorary FRCP by the Royal College of Physicians

	and surgeons of Glasgow. UK.
--	------------------------------

### PROFESSIONAL QUALIFICATIONS:

1	Internship (Jan 2000-Jan 2001)	Stanley Medical College, Chennai, India
2	Post Graduate Resident in Anesthesiology and Critical Care (Apr 2002 – Apr 2005)	Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Pondicherry, India
3	Senior Resident (Apr 2005 – Dec 2005)	Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Pondicherry, India
4	Post Doctoral Fellow in Anesthesiology (Jan 2006-Dec 2006)	Sri Chitra Tirunal Institute of Medical Sciences & Technology, (SCTIMST) Trivandrum, India
5	Assistant Professor in Anesthesiology (Jan 2007- Dec 2010)	Mahatma Gandhi Medical College & RI, Puducherry, India
6	Associate professor (Jan 2011 – Dec 2013)	Mahatma Gandhi Medical College & RI, Puducherry, India
7	Professor (Jan 2014 – till date)	Mahatma Gandhi Medical College & RI, Puducherry, India
8	Head of the Department (May 2015 – till date)	Mahatma Gandhi Medical College & RI, Puducherry, India
9	Coordinator for FUGRA (Jan 2014 - till date)	Lead consultant and course organizer for Fellowship in Ultrasound Guided Regional Anaesthesia (FUGRA)

### TEACHING EXPERIENCE:

1	Post Graduate Resident in Anesthesiology and Critical Care (Apr 2002 – Apr 2005)	Undergraduates and Interns training in Basics of Anaesthesiology and CPR during their 15 days clinical postings.
2	Senior Resident (Apr 2005 – Dec 2005)	Training of postgraduates in all aspects of Anaesthesiology and critical care.
3	Post Doctoral Fellow in Anesthesiology (Jan 2006-Dec 2006)	Training of Operation theater technicians, Perfusionist in Cardiovascular and Neuro surgical anaesthesiology
4	Assistant Professor in Anesthesiology (Jan 2007- Dec 2010)	Training of postgraduates in all aspects of Anaesthesiology and critical care, CPR training of interns and paramedical staffs
5	Associate Professor in Anesthesiology (Jan 2011- Dec 2014)	Training of postgraduates in Cardiothoracic and Neuro Anaesthesiology
6	Professor in Anesthesiology (Jan 2015 – till date)	Programme Coordinator and Lead consultant for Fellowship in Ultrasound Guided Regional Anaesthesia.
7	Coordinator for FUGRA (Jan 2014 - till date)	Lead consultant and course organizer for Fellowship in Ultrasound Guided Regional Anaesthesia (FUGRA)

## RESEARCH EXPERIENCE:

### PUBLICATIONS:

S. No.	PARTICULARS
1.	Kundra P, <b>Sivashanmugam</b> T, Ravishankar M. Effect of needle insertion site on ilioinguinal-iliohypogastric nerve block in children. ActaAnaesthesiol Scand. 2006 May;50(5):622-6. <b>PMID: 16643234</b>
2.	<b>Sivashanmugam</b> T, Kundra P, Sudhakar S. Iliac compartment block following ilioinguinaliliohypogastric nerve block. PaediatrAnaesth. 2006 Oct;16(10):1084-6. <b>PMID: 16972842</b>
3.	Raju N Pusapati, <b>T Sivashanmugam</b> , and M Ravishankar J. Respiratory Changes During Spinal Anaesthesia for Gynaecological Laparoscopic Surgery. AnaesthesiolClinPharmacol. 2010 Oct-Dec; 26(4): 475–479. <b>PMCID: PMC3087263</b>
4.	<b>T Sivashanmugham</b> , Sameer MahamudJahirdar, S Parthasarathy, G Muthurangan. Predicting intraoperative cardiovascular complication in patients with anterior mediastinal mass –role of central venous pressure monitoring. Indian J Anaesth. 2013 Jul-Aug; 57(4): 406–408. <b>PMCID: PMC3800338</b>
5.	<b>T Sivashanmugam</b> , AshishSaraogi, S Robinson Smiles, M Ravishankar. Ultrasound guided percutaneous electro-coagulation of ilioinguinal and iliohypogastric nerves for treatment of chronic groin pain. Indian J Anaesth. 2013 Nov-Dec; 57(6): 610–612. <b>PMCID: PMC3883400</b>
6.	Review article. Kusha Nag, Dewan Roshan Singh, Akshaya N. Shetty, Hemanth Kumar, <b>T. Sivashanmugam</b> . S. Parthasarathy. Sugammadex: A revolutionary drug in neuromuscular pharmacology. Anaesthesia: Essays and Researches;7(3); Sep-Dec 2013.
7.	Hemanth Kumar VR, Tripathy DK, <b>Sivashanmugam</b> T, Ravishankar M. Bilateral vocal cord edemafollowing anterior cervical discectomy-usefulness of bonfilsretromolar fiberscope. Anesth Essays Res 2014;8:413-5
8.	CC Joseph, DR Singh, V Jaya, M Ravishankar, <b>T Sivashanmugam</b> , Efficacy of Transdermal Fentanyl Patches in Acute Post Operative Pain Relief: A Randomised Double Blinded Placebo Controlled Trial. International Journal of Scientific Research 2015;4(1):320-23
9.	<b>T. Sivashanmugam</b> , MD, Suja Ray, MD, M. Ravishankar, MD, V. Jaya, MD, E. Selvam, DA, andManoj Kumar Karmakar, MD Randomized Comparison of Extrafascial Versus Subfascial Injection of Local Anesthetic During Ultrasound-Guided Supraclavicular Brachial Plexus Block American Society of Regional Anesthesia and Pain Medicine 2015;40:337-341
10.	Parthasarathy S, <b>Sivashanmugam</b> T, Incidence of Post-Dural Puncture Headache in Indian population: A need for a Relook, Asian J Pharm Clin Res, Jan 2016; 9(2):016, 230-232
11.	Rani P, Hemanth Kumar VR, Ravishankar M, <b>Sivashanmugam</b> T, Sripriya R, TrilogasundayM.Rapid and reliable smooth extubation – Comparison of Fentanyl with Dexmedetomidine: A randomized, double-blind clinical trial Anesth Essays Res 2016;10:597-601
12.	Priyanka AS, Nag K, Hemanth Kumar VR, Singh DR, Kumar S, <b>Sivashanmugam</b> T. Comparison of king vision and Truview laryngoscope for post extubation visualization of vocal cord mobility in patients

	undergoing thyroid and major neck surgeries: A randomized clinical trial. <i>Anesth Essays Res</i> 2017;11:238-42
13.	Kiran LV, <b>Sivashanmugam</b> T, Kumar VR, Krishnaveni N, Parthasarathy S. Relative efficacy of ultrasound-guided ilioinguinal-iliohypogastric nerve block versus transverse abdominis plane block for postoperative analgesia following lower segment cesarean section: A prospective, randomized observer-blinded trial. <i>Anesth Essays Res</i> 2017;11:713-7.
14.	Mishra G, Philip VM, Kumar VR, <b>Sivashanmugam</b> T. Suitability of nasotracheal intubation using King Vision and TruviewPCD video laryngoscopes: A randomized clinical trial. <i>Anesth Essays Res</i> 2018;12:581-5.
15.	<b>Sivashanmugam</b> T, Sripriya R. Intracluster Subclavian Peri-Vascular Brachial Plexus Block. <i>International Journal of Regional Anaesthesia</i> . Jan-April 2018; 1(1):33-37
16.	KushaNag, Dewan Roshan Singh, VR Hemanth Kumar, T <b>Sivashanmugam</b> , Effective communication at pre-anaesthetic evaluation clinic of a tertiary care hospital: patient perspectives and satisfaction. <i>Sri Lankan Journal of Anaesthesiology</i> : 2018; 26(2):89-93
17.	RaniP, SuryaR, Annie J Sheeba, S Parthasarathy, Hemanth Kumar VR, <b>Sivashanmugam</b> T, Equipotent dose of Levobupivacaine reduces the incidence of instrumental vaginal delivery when compared to Ropivacaine during epidural labour analgesia. <i>Sri Lankan Journal of Anaesthesiology</i> 2018; 26(2):105-110
18.	Sripriya R, <b>Sivashanmugam</b> T. Aberrant femoral nerve anatomy: No longer a cause of block failure when using ultrasound guidance. <i>Indian J Anaesth</i> 2018;62:997-8.
19.	<b>Thiyagarajan S</b> , Velraj J, Hussain Ahmed MI, Murugesan R, et al. Subarachnoid block with continuous TAP catheter analgesia produces less chronic pain and better functional outcome after inguinal hernioplasty: a randomized controlled observer-blinded study. <i>Reg Anesth Pain Med</i> 2019;44:228-233.

## **RESOURCE PERSON FOR CONFERENCE AND WORK SHOP:**

### **INTERNATIONAL CONFERENCES:**

S. NO	DETAILS
1	Conducted a live demo of ultrasound guided supraclavicular nerve block in the 3 <sup>rd</sup> International conference of regional anaesthesia. RA ASIA 2014, JIPMER, Jan 18 <sup>th</sup> 2014
2	Delivered a Lecture on “Role of Regional anaesthesia in prevention of chronic pain” on 2 <sup>nd</sup> International conference of regional anaesthesia. RA ASIA 2013, Alexandra Hospital, Singapore Jan 18 <sup>th</sup> 2013
3	Role of BIS monitoring in titrating the TCI of Propofol and Remifentanil in morbid and super morbidly obese patients during weight loss surgery. - 3RD World Congress of Total Intravenous Anaesthesia & Target Controlled Infusion Singapore, 31 March – 2 April, 2011

## NATIONAL/STATE CONFERENCES (LAST THREE YEARS 2015 -18):

S. NO	DETAILS
1.	Delivered a lecture on “Newer Truncal Blocks” at ISACON Puducherry 2018 – 9th Annual State Conference of ISA Puducherry, organized by Department of Anaesthesiology and Critical Care, IGMCRI from 05.10.18 to 07.10.18 at IGMCRI, Puducherry.
2.	Faculty for the 8th National conference of the Academy of Regional Anaesthesia of India at Trivandrum from 10th to 12th August 2018.
3.	Delivered a lecture on “USG Guided Truncal blocks” in ISACON TAMILNADU 2018, Organised by ISA Coimbatore City Branch held on July 21st 2018
4.	Delivered a lecture topic on “Introduction to Anaesthesia & Curriculum orientation” on PG Orientation program for 2018 batch conducted by Department of Anaesthesiology on 24.07.2018 at Department Seminar Room, MGMCRI
5.	Invited as a faculty to conduct a hands-on training session on Ultrasound guided regional nerve block for the medical officers at the University hospital, KDU, Sri Lanka from 11.06.18 to 14.06.18.
6.	Invited as a faculty to conduct workshop on “USG Guided Regional Anaesthesia” on Ganga Refresher Course, GARC-2018 on 28.06.2018.
7.	Delivered a Lecture and conducted a demonstration on USG guided Brachial Plexus Blocks at Thrissur, Kerala on 09.06.2018.
8.	Conducted a Cadaveric workshop and delivered a talk on the Controversies of Regional Anaesthesia at one day CME conducted at Christian Medical College Vellore on the 20th Jan 2018
9.	Invited as a faculty to conduct one day workshop on “Ultrasound Guided Regional Anesthesia and delivered a lecture on “Ultrasound Guided Lower Limb Nerve Block at ISACONAP 2017, AP State ISA Conference, Kakinada held on 07.10.2017 and 08.10.2017. It was awarded 2 credit hours by AP Medical Council.
10.	Invited as a faculty to deliver a lecture on “Needle visualization under ultrasound – Practical tips” on ISACON Puducherry 2017, 8th Annual State Conference of Puducherry (PONCON-2017) held on 22nd, 23rd, and 24th of September 2017 at JIPMER.
11.	Invited as Chairperson and conducted Upper & Lower limb blocks, thoracic, paravertebral and Lumbar spine blocks workshop on 7th National Conference of Academy of Regional Anaesthesia of India (AORA-2017) at Indore from 8th September to 10th September 2017
12.	Invited as a judge at Scientific and Academic Forum of MGMCRI, on 18th August 2017.
13.	Invited as a faculty to conduct cadaveric workshop on “Ultrasound in Regional Anesthesia” at 33rd Annual South Zone Conference of Indian Society of Anesthesiologists, Trichy (ISACON SOUTH 2017) on 4th, 5th and 6th August 2017.
14.	Invited as a faculty to conduct “Peripheral Nerve Block Workshop and Live Nerve Block Demonstration” on Ganga Refresher Anaesthesia Course, GARC 2017 from 22/06/2017 to 25/06/2017 organized by

	Ganga Hospital, Coimbatore. It has been awarded 30 credit point by Dr. MGR University and 6 credit hours by TNMC.
<b>15.</b>	Invited as a faculty to take part of Coimbatore Anaesthesia Program CAP-2017 “Hands on workshop on Ultrasound for anaesthesia and perioperative pain” held at Coimbatore organized by ISA Coimbatore City Branch on 12th March 2017
<b>16.</b>	Invited as a Faculty to deliver a lecture on “Image optimization” and conducted workshop on Regional Anaesthesia on VIEWSS-2016 held at Velammal Medical College Hospital & Research Institute at Madurai on 10 <sup>th</sup> and 11 <sup>th</sup> December 2016
<b>17.</b>	Attended on 5th Annual CME & Workshop (IGAP-2016) organized by Department of Anaesthesiology and Critical Care, IGMCRI and ISA-Puducherry State Branch on 5/11/16 and 6/11/16
<b>18.</b>	Invited as a faculty to deliver a talk on “US in anesthesiology – seeing is behaving” and conducted “World Anaesthesia Day-CME” at Sri ManakulaVinayagar Medical College & Hospital, Pondicherry on 17 <sup>th</sup> October 2016
<b>19.</b>	Attended a workshop on “Authentic Assessment of Graduate Outcomes” held at MEU, MGMCRI on 05.12.2016 and 08.12.2016
<b>20.</b>	Participated a ISA Puducherry PG Meet 5th edition on Interpretation of Capnography and Spirometry organized by Dept. of Anaesthesiology, MGMCRI associated with ISA Puducherry Branch at Hotel Athithi on 22.10.2016.
<b>21.</b>	Invited as a Faculty to deliver a talk on “US in anesthesiology – seeing is behaving” on CHETANCON 2016 Commemorating “World Anaesthesia Day” to be held at Chettinad University, Chennai on 15 <sup>th</sup> October 2016
<b>22.</b>	Invited as a faculty to take part of 6th National Conference of Academy of Regional Anaesthesia of India (AORA India – 2016) held at Marriott Hotel & Convention Centre, Hyderabad from 23/09/16 to 25/09/16.
<b>23.</b>	Invited to attend Specification Vetting Committee Meeting at JIPMER on 04/08/16
<b>24.</b>	Participated 4th edition of ISA Meet Research Day Celebration held on 10.09.16 at Hotel Athithi, Puducherry
<b>25.</b>	Attended the National Conference on Changing Trends in Health Professions Education (NC-CTHPE 2016), Workshop-Leading change in Medical Education and Mentoring and Feedback held at MGMCRI, Puducherry on 19/08/16 and 20/08/16
<b>26.</b>	Invited to attend Specification Vetting Committee Meeting at JIPMER on 04/08/16
<b>27.</b>	Participated 3rd edition of ISA Meet held on 23.07.16 at Hotel Athithi, Puducherry
<b>28.</b>	Participated at (SEP) special seminar on “Current Concepts about emergence from anesthesia” conducted by Department of Anaesthesiology, MGMCRI on 22.04.2016.
<b>29.</b>	Participated ISA Puducherry PG Meet 2nd Edition at Hotel Athithi on 04.06.16
<b>30.</b>	Conducted workshop on “Peripheral Nerve Block” (USG+PNS), at Ganga Anaesthesia Refresher Course GARC-2016, Ganga Hospital & Medical Center, Coimbatore from 16.06.16 to 19.06.16
<b>31.</b>	Invited as a faculty to conduct workshop on Regional Anaesthesia PACCS-2016 at Centaury Super Speciality Hospital Pvt. Ltd., Hyderabad on 12th and 13th March 2016

32.	Participated “Live surgical workshop on Advanced Otological Surgery” by Padmashri Prof. Mohan Kameswaran held at MGMCRI on 06.02.16 organized by Department of Otorhinolaryngology in association with Association of Otorhinolaryngology of India
33.	Invited as a Faculty for Panel Discussion on “Neuroaxial Block” in HILLCON-2015 conducted by Indian Society of Anaesthesiologists, Salem City Branch at Yercaud on 18th and 19th of July 2015 Conducted ISA Puducherry PG Symposium, at Department of Anaesthesiology MGMCRI on 05.07.2015 Presenting Module on “Invasive pressure monitoring” (ABP, CVP)
34.	Delivered a lecture on “Ultrasound guided in regional anaesthesia and conducted workshop on lower limb nerve block” in ISA Meet Trichy SONOMASTER-2015, 21.6.15, Hotel Sangam, Trichy
35.	Delivered a lecture on “Know your ultrasound and its applications” in ACE(Anaesthesiology Continuing Education), Kanyakumari Govt. Medical College and Hospital Asaripallam, Nagercoil-1.5.15
36.	Conducted workshop on “ Ultrasound guided sciatic nerve block” in ISA city branch annual meet CAP-2015, Coimbatore, 08-03-15
37.	Delivered a Lecture on “Rapid sequence Induction – current concepts” in RACE 2015, Chennai-08-02-15
38.	Delivered a Lecture on “Ultrasound guided upper limb nerve block” in 30th Annual National Pain Conference. ISSPCON 2015-06-02-15, Chennai
39.	Conducted workshop on “Ultrasound guided supraclavicular nerve block” in 30th Annual National Pain Conference. ISSPCON 2015-05-02-15, Chennai

## CME AND WORKSHOPS ORGANIZED:

S.NO	PARTICULARS
1	Organizing chairman for the 7 <sup>th</sup> Annual Pondicherry State Conference of Anaesthesiology (PONCON-2016) in association with Indian Society Anaesthesiology (ISA) Puducherry State Branch on 7 <sup>th</sup> and 8 <sup>th</sup> of January 2017
2	Organizing secretary for the 3 <sup>rd</sup> International conference of regional anaesthesia. RA ASIA 2014, JIPMER, Jan 18 <sup>th</sup> 2014.
3	Organizing secretary for one day CME cum Work shop on “understanding inhalational anaesthesia – virtual to visual” at Mahatma Gandhi Medical College & RI, on 25/09/2011
4	Organizing secretary for one day CME cum Work shop on “Ultrasound in Anaesthesiology and Critical Care” at Mahatma Gandhi Medical College & RI. ISA Puducherry state branch meet 2009
5	Organizing secretary for one day CME cum Work shop on “Understanding Mechanical Ventilators” at Mahatma Gandhi Medical College & RI. ISA Puducherry state branch meet 2008

## AWARDS AND RECOGNITIONS:

S.NO	DETAILS
1	<b>Executive Committee Member</b> - Academy of Regional Anaesthesia (AORA)
2	<b>President</b> – Indian Society of Anesthesiologist (ISA) Puducherry branch from Jan 2016 to Dec 2016.
3	<b>Conferred Honorary FRCP</b> by the Royal College Of Physicians and Surgeons of Glasgow, UK on 14/03/2012
4	<b>Staff Academic Fellowship Award – UK 2010</b> – completed six months training in ultrasound applications in anesthesiology from Leeds Teaching University Hospital UK
5	<b>Secretary</b> – Indian Society of Anesthesiologist (ISA) Puducherry Branch from Jan 2009 to Dec 2009
6	<b>Post Graduate</b> - Dr. SunithaShorey Memorial Gold Medal for best outgoing student in MD Anaesthesiology for the year 2005

## REFERENCES:

**1. Prof. M. Ravishankar. MD.**

Dean

Mahatma Gandhi Medical College and Research Institute

Sri Balaji Vidyapeeth University

Pillaiyarkuppam,

Puducherry – 607 402.

Email: [rshankarm@gmail.com](mailto:rshankarm@gmail.com).

**2. Dr. PankajKundra. MD, M.A.M.S., F.I.M.S.A.**

Professor,

Department of anaesthesiology and critical care,

JIPMER Hospital,

Puducherry - 605006.

E-mail: [p\\_kundra@hotmail.com](mailto:p_kundra@hotmail.com).