

CURRICULUM VITAE

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1. NAME : **DR S SHANTHAKUMARI**

2. DESIGNATION : PROFESSOR&
HEAD,Coordinator -MEU

3. DEPARTMENT : PATHOLOGY

4. NAME OF INSTITUTE &
MEDICAL SCIENCES : PSG INSTITUTE OF
PLACE : & RESEARCH,
COIMBATORE

5. RESIDENTIAL ADDRESS : F11 PSG HOSPITAL
STAFF QUARTERS
PEELAMEDU
COIMBATORE – 4



* Completed MBBS (1990) from Coimbatore Medical College & M.D. Pathology (2000) from Dr. AL Mudaliar Post Graduate Institute of Basic Medical Sciences, Taramani.

* Joined the Department of Pathology, PSG Institute of Medical Sciences & Research in 2000, as senior resident. I have worked in the sections of Clinical Pathology, Cytology and Histopathology . I have and am working in the surgical pathology and cytopathology division for the past 22 years. **Currently she is the HOD of Pathology and coordinator MEU and also * President TNPC – IAPM and Executive Committee member IAPM.**

Other trainings and Fellowships:

Fellowships:

FAIMER fellow –PSGIMSR-2015

Trainings:

ICMR-NIH Long term course in bioethics – 2007

NTTC training – 2006

BCME- 2010

ACME-2013

Takes active part in under-graduate and post-graduate academic activities including conducting CPCS and participating in clinical meetings. Also in charge of extracurricular activities.

- * Setup the Immuno-histochemistry division of Surgical Pathology.

- * participates in various research activities of the department and also helped in various M.Phil & Ph.D project works. .

- * Participated as a resource person ICMR-NIH/ PSG IMS&R/Workshop on Research Ethics conducted at PSGIMS&R

- * Now an MET Coordinator of PSGIMS&R and is involved in various activities of the same.

- * Have organized workshops and CMEs in both Pathology and Medical education.

- * Have attended various national and state pathology conferences and MEU as invited speaker. To name a few .

- . * Conducted Tamil Nadu State Conference TAPCON 2024 as Organizing Secretary.

- Was an invited speaker in the Sierra Meducatum 2025, A National Conference on Medical Education GMC, The Nilgiris

PEER-REVIEWED PUBLICATIONS :

1. Sankaranarayanan R, Rajkumar R, Theresa R, Esmy PO, Mahe C, Bagyalakshmi KR, Thara S, Frappart L, Lucas E, Muwonge R, **Shanthakumari S**, Jeevan D, Subbarao TM, Parkin DM, Cherian J "Initial results from a randomized trial of cervical visual screening in rural south India." Int J Cancer. 2004 Apr 10;109(3):461-7
2. Dr Rengaswamy Sankaranarayanan MD, Pulikkottil Okkuru Esmy MD, Rajamanickam Rajkumar MD, Richard Muwonge MSc, Rajaraman Swaminathan PhD, **Sivanandam Shanthakumari** MD, Jean-Marie Fayette MSc, Jacob Cherian FRCS "Effect of visual screening on cervical cancer incidence and mortality in Tamil Nadu, India: a cluster-randomised trial", The Lancet, Volume 370, Issue 9585, Pages 398 - 406, 4 August 2007
3. Suma B Pillai, **S Shanthakumari**, " The significance of cell block and fine needle aspiration cytology in diagnosing a rare presentation of hepatocellular carcinoma," Indian J Pathol Microbiol. 2008 Jul-Sep;51(3):459-60
4. Markandeya N, Srinivas CR, **Shanthakumari S**. "Ninhydrin sweat test in the early detection of leprosy" Int J Lepr Other Mycobact Dis. 2002 Jun;70(2):125-6
5. Pillai SB, **Shanthakumari S** "The significance of cell block and fine needle aspiration cytology in diagnosing a rare presentation of hepatocellular carcinoma Indian J Pathol Microbiol. 2008 Jul-Sep;51(3):459-60.
6. **Shanthakumari**, V Pushpavallimohan, Suma B Pillai "Bile Duct Hyperplasia – An Unusual Finding In Primary Hepatocellular Carcinoma" Indian Journal of Cytology – Vol. 21: No. 2 – 2004

7. Sekar C. Shanmuga, Reena Rai, A. Laila, S. Shanthakuman, V. Sandhya, "Generalized granuloma annulare with tuberculoid granulomas: A rare histopathological variant" Indian J Dermatol Venereol Leprol 1 January-February 2010; Vol 76 Issue 1.

8. A Murali, G Rajendiran, K Ranganathan, **S Shanthakumari**, "Disseminated infection with Strongyloides stercoralis in a diabetic patient", Indian journal of medical microbiology vol 28, no:4 oct-2010

9. Sandhya Venkatachala, **Shanthakumari .S** "Retroperitoneal fetiform teratoma" Indian journal of pathology and microbiology -53(3) july-sept 2010

10. Sandhya Venkatachala, Divya Rani Nayak, **Shanthakumari .S**, Alamelu Jeyaraman "Acquired immune deficiency syndrome presenting as marrow cryptococcosis" Indian journal of pathology and microbiology -53(4) oct-dec 2010.

11. Arunachalam Pavai, Suma D. Pillai, **S. Shanthakumari**, Cenita J. Sam, M. Shylaja, and R. Sabarivinoth "Congenital pouch colon: Increasing association with low anorectal anomalies," J Indian Assoc Pediatr Surg. 2009 Oct-Dec; 14(4): 218-220

12. S. Shanthakumari, H. Volga "Immunohistochemical expression of Ki67 expression in low grade lesions of cervix diagnosed by colposcopy" medejournal, TN MGR Medical university, Nov 2011.

13. Shanthakumari Sivanandham, Priya Subashchandrabose, Rajeshwari K Muthusamy "FNA diagnosis of osteoclast-like giant cell tumor of the pancreas" journal of cytology Year : 2012 | Volume : 29 | Issue : 4 | Page : 270-272

14. M Ramanatha, C Saravana Babu, A Justin S Shanthakumari "Elucidation of neuroprotective role of endogenous GABA and energy metabolites in middle cerebral artery occluded model in rats". IJEB vol 50 pp 391-397

15. "Evaluation of selective laser sintered polyamide / hydroxapatite composite compositions – in vitro and in vivo" was published in International Journal of Biomedical Research 2017, ISSN 0976-9633 (Online) ; 2455-0566 (Print) ; Journal DOI : <https://doi.org/10.7439/ijbr> ; CODEN : IJBRFA.
Banu Pradheepa Kamarajan, Ramu Murugan, Ananthasubramanian Muthusamy, Dinakar Rai B K, Vignesh Mathialagan and Shanthakumari S

16. Evaluation of selective laser sintered polyamide / hydroxyapatite composite compositions – in vitro and in vivo Original Research Article ; International Journal of Biomedical Research 2017 : 8(08) :467 – 474 ; Banu Pradheepa Kamarajan, Ramu Murugan, Ananthasubramanian Muthusamy, Dinakar Rai BK, Vignesh Mathialagan and Shanthakumari S

17. Nanocomposite-Coated Silk-Based Artificial Conduits : The influence of Structures on Regeneration of the Peripheral Nerve in ACS Applied Bio-materials in the month of May 2020 Dr Shanthakumari S,

18. Priyadarshini Kumaraswamy Rajeswaran¹ Shanthakumari Sivanandam¹ Pavai Arunachalam² A Case Series of Fetal-Neonatal Ovarian Cyst from a Tertiary Care Hospital, Journal of Laboratory Physicians © 2023. The Indian Association of Laboratory Physicians.. April 23

19. Sundar PM, Sivanandam S, Chitra TV. A usual parasite in an unusual location- Incidental

detection of Strongyloides stercoralis in liquid-based cytology. J Postgrad Med 2022;68:60-1.

20. Histomorphological features of mucormycosis with rise and fall of COVID-19 pandemic
Nidhya Ganesan, Shanthakumari Sivanandam Pathol Res Pract. 2022 Aug; 236: 153981.
Published online 2022 Jun 17. doi: 10.1016/j.prp.2022.153981 PMID: PMC9212773

21. Morphological and Immunohistochemical Spectrum of Synovial Sarcoma: Inferences
Deduced from the Study of the Case Series Priyadarshini K Rajeswaran¹, Vidhyalakshmi
Sreenivasan², Shanthakumari Sivanandham -The Journal of Medical Sciences
2024-06-10 | Journal article DOI: [10.5005/jp-journals-10045-00262](https://doi.org/10.5005/jp-journals-10045-00262) Part of ISSN: [2321-354X](https://doi.org/10.5005/jp-journals-10045-00262) Part of ISSN: [2455-6254](https://doi.org/10.5005/jp-journals-10045-00262)

POSTGRADUATE THESIS WORK :

1. Assisted in thesis work for Dr Thiriveni Balajji, Post-Graduate in Pathology at PSG IMS&R -
Title : Alfa-Feto Protein Expression In Hepatocellular Carcinoma

2. Guide for thesis work for Dr Rajeshwari K M, M.D. student in Department of Pathology at
PSG IMS&R

Title : "An immunohistochemical analysis of CD15 expression in thyroid neoplasms".

3. Guide for thesis work for Volga H, M.D. student in Department of Pathology at PSG
IMS&R. Title : "Expression of BRAF mutation in thyroid neoplasms".

4. Guide for thesis work for Lakshmikanth M.D. student in Department of Pathology at
PSG IMS&R Title : "Expression of pax 5 in lymphomas".

5. Guide for thesis work for Ramkumar, M.D. student in Department of Pathology at PSG
IMS&R. Title : "Expression BRAF mutation in neoplasms of thyroid and its correlation with
galectin and HBME expression".

6. Guide for thesis work for Dr W Lydia Jeris, MD student in Department of Pathology at
PSG IMS&R. Title : "Epstein Barr Virus expression and correlation with the
immunohistochemical profile of classical Hodgkins' lymphoma – a five year study".

7. Guide for thesis work for Poongothai P, MD student in Department of Pathology at PSG
IMS&R. Title : "To study the immunohistochemical expression of bcl-2 in endometrial
carcinoma and its correlation with hormone receptor status and transforming growth factor"
– Dr Poongothai

8. Guide for thesis work for Dr S Sathiya, MD student in Department of Pathology at PSG
IMS&R. Title : "CD4, CD8 AND BCL2 expression in lichen planus to establish the relationship
between lymphocytic exocytosis and apoptosis".

9. Guide for thesis work for Dr R Ramya, MD student in Department of Pathology at PSG
IMS&R. Title : "Morphometric analysis of crypt villous ratio in tropical sprue and its
phenotypical correlation".

10. Guide for thesis work for Dr R Ramya, MD student in Department of Pathology at PSG
IMS&R. Title : Utility of P16 and Ki67 in identifying intraepithelial lesions of endocervix.

11. Guide for thesis work for Dr Ruveka V, MD student in Department of Pathology at PSG
IMS&R. Title : Immunoprofiling of biopsies diagnosed as inflammatory bowel disease.

12. Guide for thesis work for Dr Angelus Bharathi Jude, MD student in Department of Pathology at PSG IMS&R. Title : Ki 67 expression in fundic gland polyps and its correction with morphology and phenotypic features.

13. Guide for thesis work for Dr S Harini, MD student in Department of Pathology at PSG IMS&R. Title : Ki67 and P53 expression in inflammatory bowel disease and its correlation with its clinical phenotypes and morphological patterns.

14. Guide for thesis work for Dr Suveka V, MD student in Department of Pathology at PSG IMS&R. Title : Efficacy and utility of Antipole antibody as a surrogate marker for POLE/POLD1 mutation.

AWARDS :

- i. Best 'Aasan award' 2023 by IMA.
- ii. Best Mentor Award for PSG IMS&R.

PROJECTS:

i. International :

"Ambillikai Cervical Cancer Prevention Project and the Comparative Evaluation of Single-versus Double Freeze Cryotherapy Techniques in the treatment of Cervical Intraepithelial Neoplasia", in collaboration with IARC/WHO.

Worked as Co- investigator in the "Colposcopy training programme in association with OG dept., PSGIMS&R in collaboration with the Ireland Group" and also visited Ireland for reporting of Biopsy Cervix.

ii. National :

Atlas of cancer in India

A Project of the NCRP - ICMR - Supported by the WHO ; Worked as Principal investigator.
