

CURRICULAM VITAE

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2. **Full Name** : CHIRAMUGATHU SIVARAJAN MADHU
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5. **Designation** : Senior Consultant and HOD visiting consultant in
(From 02/12/2010) Dept. of oncology oncology
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6. Educational Qualifications:

Name of the course	University	Year
M.B.B.S	Kerala university	1979
D.M.R.T	Madras University	1983
M.D . Radiation Oncology	Kerala University	1986
Diplomate of National Board (Radiation Oncology)	National Board of Examinations	1987
Certificate in Palliative care	Cardiff University U.K	2007
Advanced certification in molecular Oncology	Thomas Jefferson university Philadelphia	

7. Brief particulars of previous experience

Name of post	Period	Institution
Resident in Pediatrics	Oct. 1980 to March 1991	Medical College Trivandrum
Resident in Radiotherapy Including medical oncology	April 1981 to March 1983	Barnard Institute of Radiology & Cancer , Govt. General Hospital ,Madras Medical College ,Chennai India
Assistant Surgeon	10th June 1983 to 19th September 1983	ESI Hospital ,Alappuzha
Tutor in Radiotherapy (clinical oncology)	20th Sep. 1983 to July 1984	Medical College Calicut
Tutor in Radiotherapy (Clinical oncology)	15th July 1984 to 31st March 1990	Regional Cancer Centre Medical College Trivandrum
Assistant Professor of Radiotherapy (clinical oncology)	1st April 1990 to 14th July 1990	Regional Cancer Centre Medical College Trivandrum
Visiting Research Fellow	15 th July 1990 to 15 th Dec. 1990	University Department of clinical oncology, Cookridge Hospital, Leeds, U.K
Asst. Professor of Radiotherapy (Clinical Oncology)	16 th Dec. 1990 to 23 rd Jan. 2001	Medical College Kottayam
UICC ICRETT Fellowship in oncology	April 1995- April 1996	Rush Presbyterian St. Lukes medical center Chicago, USA
WHO fellowship in oncology	March 1996 to May 1996	Memorial Sloan Kettering Cancer Centre, New York USA, Memorial Hospital, Long Beach, California, USA.

Associate Professor & Head of the department of Radiotherapy	25 th Jan. 2001 to 2 nd Feb. 2005	Medical College Thrissur
Professor & Head of department of Radiotherapy (Clinical Oncology)	2 nd Feb. 2005 to 24 th September 2006 25 th September 2006 voluntary retirement 2010	Medical College Thrissur Medical College Kottayam
Senior consultant Oncologist	10 th October 2010	Prathyasha MJKM Cancer Centre Cherthala & Lourdes Hospital Ernakulam

8. **FELLOWSHIP AWARDED**

- i Training Programme of National Academy of Medical Sciences
Tata Memorial Hospital, Mumbai
(5th October to 5th November 1987)
- ii Dr. P.K. Haldar Memorial Travel Fellowship,
Indian Radiological association,
Gujarat Cancer Research Institute, Ahmedabad
(28th November to 2nd December 1988)
- iii Visiting Research Fellowship at University Department of Clinical Oncology,
Regional Radiotherapy Centre, Cookridge Hospital, Leeds, United Kingdom
(15th July 1990 to 15th December 1990)
- iv UICC-ICRETT Oncology Fellowship- Rush Presbyterian St. Luke's Medical
Centre, Chicago, Illinois
(1st to 31st March 1996)
- v W.H.O Oncology fellowship- Memorial Hospital, Long beach, California,
U.S.A(March ,April 1997)
- vi W.H.O Oncology Fellowship at Memorial Sloan Kettering cancer Centre, New
York, USA, (May 1997)

9. **TRAINING PROGRAMMES ATTENDED**

1. Mid term teaching session of Indian College of Radiology. 1982
2. Technology Transfer programme in Brachytherapy, Mumbai- January 1986
3. One month training in Brachytherapy at Department of radiotherapy, Tata Memorial , Mumbai 1987
4. Workshop on clinical epidemiology, Trivandrum 26th to 27th June 1987
5. First international Endocrinotherapy hyperthermia oncology workshop, Hyderabad – 17 -18th November 1987
6. British Council Clinical Radio Biology Course Trivandrum 13th to 16th January 1986
7. British Council Clinical Pediatric Oncology course, Trivandrum – 1987
8. Certificate Course on Computer programming in dBase III from 21.6.1988 to 19.08.1988
9. Epidemiology course at Christian Medical College, Vellore from 11th March to 23rd September 1989
10. International symposium on Vascular Lesions of the Brain, Trivandrum: 15th to 16th October 1989
11. Brachytherapy update and Selectron users meeting at Madras- 11th Dec. 1989.
12. Course on Case Control study conducted by Epidemiology Resource Centre, CMC Vellore- march 1980
13. Annual Scientific meeting “Edinburgh 90” of royal College of Radiologist (U.K) from 17th to 20th November 1990
14. Symposium on gynecological oncology, St. James hospital, Leeds, U.K- 19th October 1990
15. Symposium on Biological therapy of Cancer – Royal Mars den Hospital, London- 23rd November 1990
16. Modern Interstitial Implant therapy course, Cook ridge Hospital, Leeds, U.K – 26 – 28th November 1990

17. 11th International Working Party meeting at conference on Carcinoma Cervix- Trivandrum 12th -14th October 1992
18. Symposium on biological Response. Modifiers Kidwai Memorial Institute on Oncology, Bangalore ON 6TH November 1993.
19. Indo American Cancer Symposium sponsored by department of Radiation Medicine, New York Medical College at madras on 28th, 29th & 30th December 1993
20. SPRING Programme of ASTRO at Chicago, March 1996.
21. American Society of Clinical Oncology meeting at Denver, USA – April 1997.
22. Brachytherapy in the next millennium organized by New York Hospital Queens at La Guardia Marriott from April 1996.
23. National Iridium Brachytherapy Workshop 26th – 27th Jan. 1998
24. Annual Conference of AROI and ICRO workshops at Jaipur, Chandigarh, Kolkatta, and Bangalore.
25. ASCO PANASIA Cancer Conference 21st to 26th Feb. 2002 at Delhi conducted by the American Society of Clinical Oncology and Apollo Hospital, New Delhi.
26. Attend the course on foundation to Palliative Care held from 6th to 15th February 2003 at Kidwai Memorial Institute of Oncology, Bangalore.
27. Organizing Secretary – AROICON – 2003. 25th National Annual Conference, Association of Radiation oncologists of India. 20th – 23rd November 2003 at Kochi.
28. Participated in ICMR WHO Work shop on Pattern of Care & Survival Studies – Bangalore – January 2004.
29. Attended Annual conference of ASTRO 2005 – Denver USA
30. Attended Annual Conference of ASCO Atlanta USA June 1st 2006.
31. Attended Annual Conference of ASTRO 2007 November -Los Angels, USA
32. Attended AROI annual conference and ICRO Workshop 2004, 2005 & 2007,2008,2009 at Ludhiana, Ahmedabad, Chennai, Mumbai & Hyderabad
33. Annual conference of Breast Cancer Foundation 2006 Manipal.
34. Asian Breast cancer conference, New Delhi February 2008
35. ASCO annual conference – 2009- Orlando, Florida, USA
36. ASCO annual conference – 2010- Chicago, USA
37. ASTRO Annual conference 2008 – Boston, USA,

38. ASTRO Annual conference 2009 – Chicago, USA,
39. International Breast Cancer consensus Conference, St.Gallan, Switzerland
2009,2012
40. San Antonio Breast Cancer Conference, Texas, USA 2009,2011,2013,2014
41. European Breast Cancer Conference Barcelona, Spain 2010.
42. ASCO Annual conference 2011,2012,2013,2015
43. Attended ASCO 2023 & 2024

10. **PUBLICATIONS**

1. Prognostic factors in locally advanced Breast Carcinoma – Dr. C.S. Madhu, Dr. Jayaprakash Madhavan, Dr. T.K. Padmanabhan and Dr.Krishnan Nair. – Dr.T.K.Padmanabhan and Dr. M. Krishnan Nair, International Symposium on Breast Cancer, New Delhi January 1987.
2. Oral verrucous carcinomas- Treatment by radiotherapy – Dr. M. Krishnan Nair, Dr.T.K.Padmanabhan, Dr. R. Sankara Narayanan and Dr. C.S. Madhu. “Cancer” 61; 458-461, 1988.
3. Expert Surrogate system – a new method of Clinical Research in Carcinoma Cervix. Dr. Suresh Chandra Dutt, Dr. Remani Wesley, Dr. Jayaprakash Madhavan, Dr. A Sudhakaran and Dr.C.S.Madhu- Published by European journal of Gynecological Oncology.
4. Pure Cystic Nephroblastoma of the Ovary with a Review of Extra renal Wilms tumor. Dr. Maria. A. Isaac MD, Dr. Susheelan Vijayalekshmi MD, Dr. Chiramughathu S Madhu MD, Dr. Louisiana Bosincu MD and Dr. Francisco F. Nogales MD, Human Pathology, Voi.31, No.6 (June 200); page 761-764.
5. Renal Actinomycosis presenting as Pyrexia of Unknown Origin - Dr. P. Baburaj, Dr. Thomas Antony, Dr. C.S. Madhu & Dr. Harikrishnan- Kerala Medical Journal Issue 6, April 2009.
6. Review article – Newer trends in Head and Neck Oncology – Poly dental journal, Vol.1, 1998.
7. Pharmacoeconomic evaluation on breast cancer patients in a Tertiary care hospital in south India - Asian Journal of pharmaceutical and Health Sciences.

Anjali p Nair, Jertin Mariyam Biju, Jimita Mariya Paul, Daicy P.A, Siby Joseph, Madhu C.S

8. Neo adjuvant treatment of locally advanced ER, PR and Her-2 positive breast cancer – a case report European Journal of pharmaceutical and medical Research. Anjali Krishnan K, Anjaly P.Nair, Lakshmi R, Siby Joseph, Madhu .C.S and Sanjay Mukundan
9. A study to assess the impact of pharmaceutical care services to cancer patients in a tertiary care hospital – Journal of Oncology Pharmacy Practice. Kavya Karthikeryan, Vinayak B Sunil, Sourmya M Alex, and Madhu C.S
10. Case report on 5-Fu induced cerebrovascular accident – Journal of Oncology pharmacy practice. Kavya karthikeyan, Christy M Babu, Shintu Shaji, Ashwin M Ashok and C.S. Madhu
11. Capecitabine induced steven-Johnson syndrome. A rare case report – Journal of Oncology Pharmacy Practice. Kavya KArthikeyan, Sameera K.V, Shintu Shaji, Swetha M Ann C and MADhu C.S
12. A case report on metastatic carcinoma of the male breast – World Journal of pharmacy and pharmaceutical sciences. Anjali Krishnan K, Anjaly P.Nair, Lakshmi R, Siby Joseph, Madhu .C.S and Sanjay Mukundan.

PAPERS PRESENTED

1. Radiotherapy of Verrucous carcinoma – Annual Conference of Indian Radiological & imaging Association at Coimbatore 1988 January.
2. Analysis of Carcinomas Maxillary antrum – X Annual Conference of Association of Radiation Oncologists of India, Calcutta, 1988.
3. “Role of Hemi body irradiation in palliative care” – Dr.C.S.Madhu, Dr. Jayaprakash Madhavan, Mr. P.G.G.Kurup, Dr.T.K.Padmanabhan and Dr. M. Krishnan Nair. UICC International Cancer Congress, New Delhi, October 30 to November 5 1994.
4. Guest Lecturer on Imaging in Radiotherapy Treatment planning at Midterm conference of IR & IA Cochin 1998, December.
5. Lecture on treatment planning in Radiotherapy – CME Programme- PRIME ‘98’ Medical College Kottayam – December 1998.

6. Organising secretary, CME on current trends in Breast cancer – April 1999
Medical College Kottayam India
Lecture on “Management of locally Advanced and metastatic breast carcinomas in the above CME”
7. Lecture on current trends in Breast cancer – Midterm Conference of IMA, Academy of Medical Specialties, Cochin -1999.
8. Lecture on Newer trends in Radiotherapy of head & neck cancer CME programme of Calicut Medical College – February 2000
9. Organising Committee Chairman – CME in colorectal Cancer at Thrissur March 2002
10. Presented paper on Adjuvant therapy in Colorectal Cancer– Thrissur March 2002.
11. Lecture on Management of Cancer in the Elderly – WHO Workshop – Thrissur 2002& 2003.
12. Update on Principles Cancer Chemotherapy at Department of Medicine. Medical College Thrissur -2002
13. Recent advances in management of Cancer of Cervix –CME Programme of department of Obstetrics & Gynecology, Medical College Thrissur.
14. Combined Modality Management of Non small cell Lung Cancer – RCC Trivandrum – Oct. 2002.
15. Parallel pair of fields in clinical radiotherapy – Roentgen day celebration – CME, Thrissur 2002.
16. Organizing Secretary WHO Sponsored Workshop on Preventive Oncology – Hotel Le Meridian, Kochi -20th November 2003.
17. Organizing Secretary CME on palliative care – Hotel Le Meridian, Kochi -21st November 2003
18. Organizing Secretary – AROICON -2003. 25th National Annual Conference, Association of Radiation Oncologists of India. 20th – 23rd November 2003 at Kochi.
19. Organizing Secretary CME on Breast Cancer Kottayam 1998.
20. Analysis of carcinoma of male breast Cancer Annual Conference of AROI, Nagpur.1989
21. CME in geriatric oncology Kottayam in March 2007.
22. CME – Thrissur oncology Club– 2006 – Past, present & future of Oncology.
23. Delivered Prof Rangiprasad lecture of AROI at 1st Indian Cancer Congress New Delhi 2013

24. Clinical Oncology update Kottayam April 2008.
25. Organizing Chairman “Oncology 2009 “– The International conference on Multidisciplinary management of common cancer April 24th, 25th, 26th Kumarakom, Kottayam Kerala.
Advance in lung cancer management – Kottayam chest club 2009
26. International: Workshop and Practicum on IMRT & IGRT 23rd April 2009 at Kumarakom, Kottayam.
27. Advances in Lung Cancer Management – Kottayam Chest Club, 2009
28. Lecture on Recent Advances in Breast cancer IMA Kottayam Chapter 2010.
29. Newer Trends in Breast cancer ASI Kottayam Chapter 2010
30. Awarded K.Padmanabhan memorial oration-AROI Annual state conference 2009.
Top current in breast cancer
31. Delivered Prof Rangji Prasad Singh Lecture at National conference of Association of Radiation Oncologists of India at Indian Cancer Congress New Delhi -2013
“External beam Radiotherapy for differentiated thyroid Cancer –Rationale and Technique”
32. Update on Breast Cancer - IMA Kottayam July 2012
33. Current Trends in Head and Neck cancer –IMA Ernakulum September 2013
34. Metastatic breast Cancer Current Concepts CME for ESI Doctors. Kochi July 2015
35. Current Concepts in Metastatic Colon cancer – CME for ESI doctors and Oncology Club Kottayam
36. Hypo fractionated Radiotherapy for Breast Cancer- AROI State Conference Kottayam-15th November 2015
37. Metastatic Colorectal Cancer – Trivandrum Cancer Congress organized by Oncology Club, Trivandrum - 7/11/2015

11. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

1. Indian Medical Association
2. IMA Academy of Medical Specialties
3. Association of Radiation Oncologists of India
4. American Society of Therapeutic Radiology and Oncology (ASTRO)
5. Association of Medical Physicists of India (AMPI)
6. Indian Society of Oncology (ISO)
7. Indian Society of Medical & Pediatric Oncology (ISMPO)
8. European Society of Medical Oncology (ESMO)
9. Indian Society for Study of Pain (ISSP)
10. Indian Association of Palliative Care (IAPC)
11. Indian Red Cross Society
12. Cochin Oncology Club
13. Indian Co-operative Oncology Net work. (ICON)
14. Kerala Govt. Inspector DM (Oncology) Course facility at AIMS, Kochi
15. Examiner for MD,DMRT,DNB, courses of various Universities
16. Appraiser of National Board of Examinations for DNB courses
17. Indian Brachytherapy Society
18. Founder Trivandrum Medical College Alumni Association
19. American Association of Cancer Research
20. European Society of Therapeutic Radiology & Oncology (ESTRO)
21. Qualified Private Medical Practitioners Association (QPMPA)
22. Indian College of Radiation Oncology (ICRO)
23. American Association of Cancer

Major Conferences Organised

Organising Secretary 25th National Conference of Association of Radiation Oncologists of India, Nov 2003

Organising Chairman

“Oncology 2009” International Conference on Multidisciplinary Management of Common Cancers, Hotel Lake Song, Kumarakom

Organising Chairman

“Oncology 2012” International Conference on Multidisciplinary Management of Common Cancers. Hotel Samudra Kovalam 2012

Organising Chairman

“Breast oncology 2014” -International Conference on Multidisciplinary Management of Breast Cancer

Hotel Le- meridian Kochi – March -2014

Oncology CME & Clinical Radiobiology conference

Hotel Gokulam park – January 2015

Organising Chairman

Oncology 2018 - International conference on Multidisciplinary Management of common Cancers. Hotel Le-meridian Kochin 2018

Organising Chairman

Oncology 2024:- International conference on multidisciplinary management of common cancers

Organising Chairman

Precision Oncology 2024 Kumarakom

Executive Positions Held

- General Secretary: - Kerala Government Medical college Teachers Association.
- Secretary AROI Kerala Chapter
- Founder Trivandrum Medical College Alumni Association
- President IMA Kottayam Branch
- Member Executive Committee IMA Kerala State
- Organizing Chairman of 5 International Oncology Conferences
- Organizing Secretary of AROICON Kochi 2003

Other achievements

*** Founded the Trivandrum Medical College Alumni Association in 2006**

*Organized Oncology Wing Govt Medical College, Thrissur and started new oncology block and new OP wing. Installed Ext beam Radiotherapy and HDR Brachytherapy unit.

*Organised Oncology wing, Govt medical college and could set up cobalt unit Digital Simulator, HDR Brachytherapy and the **first ever Linear Accelerator in a government medical college in India at Kottayam Medical College**

* Started MD Radiotherapy course at Government Medical College Kottayam ahead of Calicut Medical College

*Managed to get "C" arm image intensifier through MP fund of MR. P.J Kurian for Govt Medical College Kottayam

* Manage to load new Cobalt Source Cobalt 60 unit at Govt Medical College Kottayam.

* Could manage to get central assistance for cobalt unit at TDMC Alappuzha through late MP Sunil Dutt

* Air conditioned the entire OP area, consulting chambers, brachytherapy, Theatre, seminar hall,physics unit Etc using funds from voluntary agencies at Kottayam Medical College and installed intercom system at cancer care center Kottayam for improving efficiency