

## CURRICULUM VITAE

### **Dr. Narendhirakannan R. T.**

*M. Sc., M. Phil., Ph. D., D.C.S., PDF (Czech Rep.), FISCA, (P.G.D.H.E)*



#### **Present Position:**

**Assistant Professor (SG)**

Department of Biotechnology

School of Biotechnology and Health Sciences

Karunya University

Coimbatore - 641 114

Tamil Nadu, India

#### **Contact details:**

##### **Residence**

*4-642/3, Aum Pisces,*

*Opp. to Petrol Bunk*

*Karunya Nagar (PO)*

*Coimbatore - 641 114*

*Tamil Nadu, India*

##### **e-mail:**

bionaren\_phd@yahoo.co.in

rtnkannan@gmail.com

rtnkannan@karunya.edu

**Ω Mobile:** +91-94868 51022 (P)

**Ω Mobile:** +91-94878 46518 (O)

### Summary:

- (I) **Ph.D. in Biochemistry** - specialization Clinical Biochemistry, Free radical Biology and Cancer biology.
- (II) More than **15 years of research** **10 years of teaching experience** in the field of Medicinal plants, Clinical Biochemistry of arthritis and diabetes, cancer biology etc.,
  - (a) Visited Institute of Biophysics, Academy of Sciences the Czech Republic, Brno, Czech Republic under bilateral exchange of Indian Scientists selected by Indian National Science Academy (INSA), New Delhi, India.
  - (b) Recipient of Young Scientist Award from Department of Science and Technology (DST-SERB-YS scheme), Govt. of India, New Delhi (project fund cost Rs. 25.7 Lakhs).
  - (c) Recipient of Achiever's Award from Karunya University for the year 2014
  - (d) Recipient of Best Researcher Award from Karunya University for the year 2014
  - (e) Filed a PATENT of my research product "Derma Hierbas - a herbal ointment for skin rashes" - "Patent pending".
  - (f) Post-Doctoral Research (From October 2007 to December 2007) and (from 01 October 2008 to 31 March 2009) at Institute of Biochemistry, Faculty of Science, Masaryk University, Brno, Czech Republic.
  - (g) Published 45 research/review articles in the peer-reviewed national/international journals & books.
  - (h) Most of my publications are cited in more than 600 research articles in International Journals as References with the h-index 14 (Google scholar), h-index 9 (Scopus)
  - (i) Organized 1 International and 4 National level scientific conferences and 2 Workshops funded by DBT-INDIA, DST-SERB, CSIR, BRNS-DAE, ICMR, Govt. of India.
  - (j) Participated and presented research papers in more than 25 national and international scientific Conferences/Symposia.
  - (k) Edited and compiled four scientific books with ISBN numbers containing research/review articles written by various researchers, renowned scientists and academicians.
  - (l) Delivered 13 invited lectures at various scientific Conferences/Seminars
  - (m) Produced 2 Ph.D doctorates & 1 M. Phil candidate, presently guiding two Ph.D scholars, 16 M. Tech/M. Sc., 33 B. Tech Biotechnology students for their dissertations.
  - (n) Active Member in 4 Professional bodies - among that Executive board member in one.
- (III) More than ten years **teaching experience.**
- (IV) Serving as a **Technical Editor & Reviewer** for the 6 international scientific journals.
- (V) Serving as an **External Examiner** for other **Universities and colleges** as a **question paper setter, practical examiner and valuation of answer scripts** for Engineering and Science degrees and **visited 13 countries** for the academic and visiting purposes.
- (V) Expertise with the biochemical, animal studies and molecular biology techniques.

**Academic Credentials****Ph. D., Biochemistry**

<b>Institution</b>	:	<b>University of Madras, Guindy campus, Chennai, India (2003 - 2007)</b>
<b>Title of the Thesis</b>	:	Biochemical studies on the anti-inflammatory activity of <i>Cleome gynandra</i> L. and the anti-diabetic property of <i>Murraya koenigii</i> (L.) spreng. leaf extract in experimental rats
<b>Specialization</b>	:	Medical Biochemistry, Arthritis, Diabetes, Medicinal plant therapeutics

**M. Phil., Biochemistry**

<b>Institution</b>	:	<b>Bharathiar University, Coimbatore, India (2000-2002)</b>
<b>Title of the Thesis</b>	:	The activity of <i>Cleome gynandra</i> .L on lysosomal marker enzymes, protein bound carbohydrates and haematological parameters on adjuvant induced arthritis in rats
<b>Specialization</b>	:	Medical Biochemistry, Arthritis, Diabetes, Medicinal plant therapeutics

**M. Sc., Biochemistry**

<b>Institution</b>	:	<b>Bharathiar University, Coimbatore, India (1997 - 1999)</b>
<b>Title of the Dissertation</b>	:	Total Proteins, Calcium, CPK and Haematological Parameters as a Hallmark in Uni-Polar Depression (Project done in Association with "Department of Biological Psychiatry, NIMHANS", Bangalore, India.)
<b>Specialization</b>	:	Biomolecules, Instrumental analysis, Biotechnology, Clinical Biochemistry, Intermediary Metabolism, Enzyme & Enzyme Technology Immunology & Immunotechnology, Molecular Biology, Genetics and Genetic engineering

**D.C.S. (Diploma in Computer Software)**

<b>Institution</b>	:	APTECH Computer Education
<b>Specialization</b>	:	DOS, MS Office, Net working

**P.G.D.H.E****(Post Graduate Diploma in Higher Education)**

## **Recognitions**

- ☞ Received Dr. A.P.J Abdul Kalam Award for Teaching Excellence – 2016 by Marina Labs (Research and Development), Chennai.
- ☞ Received **Best Researcher Award of 2014** from Karunya University
- ☞ Selected as a **Visiting Scientist** to visit **Institute of Biophysics** of the Czech Academy of Sciences, Czech Republic, **Brno, Czech Republic** under **bilateral exchange of Indian Scientists** by Indian National Science Academy, New Delhi, India.
- ☞ Received **Achiever's award of 2014** from Karunya University.
- ☞ Received **Young Scientist Award** from **Department of Science and Technology (DST), Govt. of India, New Delhi** (project fund cost Rs. 25.7 Lakhs)
- ☞ Secured **II prize for Best paper presentation** in "State level seminar on Water Pollution & Public Health" conducted by The H.H. Rajah's College, Pudukkottai, Tamil Nadu, India.
- ☞ Received sponsorship of Rs. 50,000.00 from DST-SERB, New Delhi, India to Organize a National Seminar on "Potential Exploration on bridging the gap between Biotech Industries and Institutes in India" and Two day Workshop on "Phyto- Pharmacognostical Evaluation" (2016)
- ☞ Received sponsorship of Rs. 40,000.00 from DBT-INDIA, New Delhi, India to Organize a National Seminar on "Potential Exploration on bridging the gap between Biotech Industries and Institutes in India" and Two day Workshop on "Phyto- Pharmacognostical Evaluation" (2016)
- ☞ Received sponsorship of Rs. 50,000.00 from CSIR, New Delhi, India to Organize a "National Conference on Oxidative Stress and its complications in human Health (NCOSH-2011)".
- ☞ Received sponsorship of Rs. 50,000.00 from BRNS, DAE, Mumbai, India to Organize a "National Conference on Oxidative Stress and its complications in human Health (NCOSH-2011)".
- ☞ Received sponsorship of Rs. 25,000.00 from ICMR, New Delhi, India to Organize a "National Conference on Oxidative Stress and its complications in human Health (NCOSH-2011)".
- ☞ Received seed money Rs. 40,000.00 from Karunya University, Coimbatore, India.  
**Topic:** Basic research in the field of medicinal plant therapeutics on cancer.
- ☞ Received seed money Rs. 15,000.00 from Karunya University, Coimbatore, India.  
**Topic:** Biosynthesis of nanoparticle using medicinal plants and evaluating *in vitro* anticancer activities.
- ☞ Received seed money Rs. 10,000.00 from Karunya University, Coimbatore, India.  
**Topic:** Medicinal plants and their therapeutic efficacy of wound healing.
- ☞ Received seed money Rs. 12,000.00 from Karunya University, Coimbatore, India.  
**Topic:** Free radical scavenging activities of grape seed extracts on skin cancer induced experimental animals.
- ☞ Received seed money Rs. 10,000.00 from Karunya University, Coimbatore, India.

**Topic:** Biosynthesis of silver nanoparticle using medicinal plants and evaluating its therapeutic efficacy in oral cancer.

### **Honors**

1. **Board of Studies member** for Post Graduate **Animal Biotechnology** course at **Sri Venkateswara University, Tirupati**, Andhra Pradesh.
2. Delivered an **Invited Talk** entitled “Curbing the silent killer “Diabetes”. The need for nutraceutical approach” at the **First International Conference on “Nutraceuticals and Chronic Diseases” (INCD-2016)** jointly organized by Society for Translational Cancer Research and Indian Institute of Technology Guwahati in **Cochin, Kerala** (9<sup>th</sup> – 11<sup>th</sup> Sep 2016)
3. Delivered a **Keynote address** in the National Conference on 'Novel Approaches in Phytomedicine' at **Kongunadu Arts and Science College, Coimbatore** on (1<sup>st</sup> March 2016)
4. Delivered a **Guest talk** entitled “Optimization condition for extraction of total phenolic content from *Solanum lycopersicum* by response surface methodology” in **5th International Science Congress (ISC-2015) Conference** at **Tribhuvan University, Kathmandu, Nepal** (8th - 9th Dec 2015).
5. Delivered a **PLENARY TALK** entitled “Influence of medicinal plants in slaying cancer cells” in **National Conference on Medicinal Plants and Health Care at Kongunadu Arts and Science College, Coimbatore**. Tamil Nadu (17th Mar. 2015).
6. Delivered an **Invited talk** on “How to tap funds from funding agencies” in Faculty Development Program at **Rathinam College of Arts and Science, Coimbatore**. Tamil Nadu (21<sup>st</sup> Feb. 2015).
7. Acted as a Sectional Secretary for Biological Sciences in the “**4<sup>th</sup> International Science Congress (ISC-2011)**” conducted by **International Science Congress Association** at **Pacific University, Udaipur, Rajasthan India**. (8<sup>th</sup> & 9<sup>th</sup> Dec. 2014).
8. Delivered a **PLENARY TALK** entitled “**Six Masters among Medicinal Plants for Neuroendocrine disorders - A review on Ancient Indian Medicinal systems**” in UGC-SAP sponsored International Conference on Herbal Medicine and Neuroendocrinology” organized by Department of Zoology, **Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India** (13<sup>th</sup> Oct, 2014).
9. Delivered a Guest lecture entitled “**Applications of cell culture in cancer therapy**” in DBT New Delhi Sponsored “Short Term Training Course on Recent Techniques in Cell Culture and in vitro cytotoxicity assay” Department of Biotechnology, **Karunya University, Coimbatore**. (9<sup>th</sup> Sep. 2014)
10. Delivered a Guest Lecture entitled “**Role of clinical scientists in cancer diagnosis & therapy**” in the Department Association function of **Department of Clinical Lab Technology, Dr. NGP Arts and Science College, Coimbatore, India**. (28, Aug. 2014).
11. Delivered a Guest Lecture entitled “**Role of medicinal plants in Cancer therapy**” in the Department Association function of **Department of Botany, Nirmala College for Women, Coimbatore, India**. (13, Feb. 2014).
12. Chaired a scientific session in the **National Conference on Biorevolution- A promising strategy**” held in Department of Bio Sciences, **Sri Krishna College of Arts & Science, Coimbatore, India**. (13, Feb. 2013).

13. Delivered a **Invited lecture** in in the “KSCSTE sponsored National seminar on Role of Biochemistry & Biotechnology in prevention and Management of Life style disorders” held in Dept. of Biotechnology & Applied Microbiology, St. Thomas College, Pala, Kerala (14-15, Jan. 2013)
14. Delivered an **invited lecture** in the “2<sup>nd</sup> International Science Congress (ISC-2012)” conducted by International Science Congress Association at Bon Maharaj Engineering College, Vrindavan, Mathura, UP, India. . (8<sup>th</sup> & 9<sup>th</sup> Dec 2012)
15. **Chaired a scientific session** in the National Conference on Phytomedicine” held in School of Life Sciences, Bharathiar University, Coimbatore, India. (4-5, Oct. 2012).
16. Acted as a **Rapporteur** in the “1<sup>st</sup> International Science Congress (ISC-2011)” conducted by International Science Congress Association. 24 & 25<sup>th</sup> December 2011 at Maharaja Ranjit Singh College of Professional Sciences, Indore, Madhya Pradesh, India.
17. Delivered a **Keynote address** on “Role of Phytochemicals in human diseases” in “International Symposium in Advances in Herbal Science & Technology at Mar Athanasios College for Advanced Studies (MACFAST), Tiruvalla, Kerala, India. ” (25-27<sup>th</sup> Nov 2011).
18. Member of “Advisory Editors” for the “International Journal of Plant, Animal and Environmental Sciences (IJPAES)”.
19. Delivered an **Invited Lecture** on “Autoimmune diseases” in a Staff Development Program in “Advances in Modern Immunotechnology Research” Conducted by Dept. of Biotechnology, Karunya University, Coimbatore, India.
20. **Chaired a Scientific session** in the National Seminar on “Role of Immunomodulators in Cancer Therapy” Organized by Dept. of Biotechnology, Karunya University, Coimbatore, India. (11-12, Oct. 2010).
21. **Chaired a Scientific session** in the National Conference on Herbal Medicine held in School of Life Sciences, Bharathiar University, Coimbatore, India. (8-9, Sep. 2010).
22. Delivered a **Invited Lecture** on “Cancer Therapy - an alternative approach” in a Short term training course “Immunotechnology in cancer therapeutics” Conducted by Dept. of Biotechnology, Karunya University, Coimbatore.

#### **Organized Conferences and workshops**

- ❖ Convener of DST-SERB, DBT-India and Anchrom Enterprises Mumbai Sponsored “National Seminar on “Potential Exploration on bridging the gap between Biotech Industries and Institutes in India” and Two day Workshop on “Phyto-Pharmacognostical Evaluation” during 7<sup>th</sup> - 9<sup>th</sup> March 2016, Department of Biotechnology, Karunya University, Coimbatore, India.
- ❖ Convener of National level Technical symposium “EVOGEN - 2015 sponsored by DBT-India, New Delhi on 8 & 9, October 2015, Department of Biotechnology, Karunya University, Coimbatore, India.
- ❖ Organizing Secretary of 2 Day Workshop on Experimental animals ethical guidelines and bioefficacy studies for biotechnological applications sponsored by

ICMR, New Delhi on 9-10, Jan. 2014, Department of Biotechnology, Karunya University, Coimbatore, India.

- ❖ **Organizing Secretary of 3<sup>rd</sup> International Science Congress held Karunya University on 8<sup>th</sup> & 9<sup>th</sup> December 2013** in association with **International Science Congress Association.**
- ❖ **Organizing Secretary of National level Technical symposium “EVOGEN - 2012 sponsored by DBT-India, New Delhi on 15-19, March 2012,** Department of Biotechnology, Karunya University, Coimbatore, India.
- ❖ **Organizing Secretary of “National Conference on Oxidative Stress and its complications in human Health (NCOSH-2011)”** sponsored by **BRNS-DAE, Mumbai, CSIR and ICMR, New Delhi on 19-20, Jan 2011,** Department of Biotechnology, Karunya University, Coimbatore, India.
- ❖ **Organizing Secretary of National Conference on Medicinal Plants for Public Health - (MAPPH-2008) on Sep. 18<sup>th</sup> - 19<sup>th</sup> 2008,** Department of Biotechnology, Karunya University, Coimbatore, India.

#### Research supervision

Name of the student	Program	Status	Area of research
Ms. Bindu Jacob	Ph.D	Pursuing	Conjugation of natural compound and synthetic drug and studying its anti-cancer properties on pre cancer stages.
Ms. M. Ishwarya	Ph.D	Pursuing	Isolation of hydroxycinnamic acid from <i>S. lycopersicum</i> and studying its anticancer property on Oral cancer
Dr. A. Manivannan	Ph.D	Completed 2015	Production of Bioethanol from Water hyacinth
Mr. Sudharsan Singh Rathore	M. Phil	Completed 2013	Identifying bioethanol producing microorganisms
Dr. J. Grace Nirmala	Ph.D	Completed 2015	Green synthesis of Nanomaterials & studying its therapeutic efficacy on Skin cancer
16 students	M. Tech / M.Sc	Completed	Medical Biotechnology (Role of Medicinal plants in alleviating Cancer, Arthritis and Diabetes) Bioethanol production
33 students	B. Tech	Completed	Medical Biotechnology (Role of Medicinal plants in alleviating Cancer, Arthritis and Diabetes) Bioethanol production

**List of Publications 45 (Journals / Book Chapters)**  
**(33 International Journals)**

1. Grace Nirmala J, Akila S, **Narendhirakannan RT** and Suvro Chatterjee. *Vitis vinifera* peel polyphenols stabilized gold nanoparticles induce cytotoxicity and apoptotic cell death in A431 skin cancer cell lines. **Advanced Powder Technology**. 2017 (In 2<sup>nd</sup> review) (*Elsevier*) (IF 2.478).
2. Grace Nirmala J, **Narendhirakannan RT**. *Vitis vinifera* peel and seed gold nanoparticles exhibit chemopreventive potential, antioxidant activity and induce apoptosis through mutant p53, Bcl-2 and pan cytokeratin down-regulation in experimental animals. **Biomedicine and Pharmacotherapy**. 2017 (In 2<sup>nd</sup> review) (*Elsevier*) (IF 2.326)
3. Ishwarya M, **Narendhirakannan RT**. 3,4 dihydroxycinnamic acid stimulates immune system function by modifying the humoral antibody response - an *in vivo* study. **Cellular Immunology** (In press) (*Elsevier*) (IF. 2.399)
4. Neha Atale, Sharad Saxena, J Grace Nirmala, **RT Narendhirakannan**, Sujata Mohanty, Vibha Rani. Synthesis and Characterization of *Syzygium cumini* Nanoparticles for Its Protective Potential in High Glucose-Induced Cardiac Stress: a Green Approach. **Applied Biochemistry and Biotechnology**. 2016 (In press) (*Springer*) (IF 1.606)
5. Grace Nirmala J, Akila S, Muthukumar Nadar MSA, **Narendhirakannan RT**, Suvro Chatterjee. Biosynthesis *Vitis vinifera* seed gold nanoparticles induce apoptotic cell death in A431 skin cancer cells. (**Royal Society of Chemistry Advances**) *RSC Advances*. 6: 82205 - 82218. (IF 3.289)
6. Manivannan, A. **Narendhirakannan R.T**. Bioethanol Production from Aquatic Weed Water Hyacinth (*Eichhornia crassipes*) by Yeast Fermentation. **Waste and Biomass Valorization**: 6, 2: 209-216, 2015. (*Springer*) (IF. 0.915)
7. Manivannan, A. **Narendhirakannan R.T**. Response surface optimization for co-production of cellulase and xylanase enzymes by *Trichoderma reesei* - 3652. **International Journal of Chem Tech Research**. 6(7), pp 3883-3888, 2014. (*SphinxSai - SJR- Scopus indexed*)
8. Sudarshan Singh Rathore, Mannivannan A., **R.T. Narendhirakannan**. Screening of cellulose producing microorganisms from lake area containing water hyacinth for enzymatic hydrolysis of cellulose. **Journal of Advanced Scientific Research**. 5(3): 23-30, 2014. (*ScienSage - Scopus indexed*)
9. Manivannan A, **Narendhirakannan R. T**. Biodegradation of Lignocellulosic Residues of Water Hyacinth (*Eichhornia crassipes*) and Response Surface Methodological Approach to Optimize Bioethanol Production Using Fermenting Yeast *Pachysolen tannophilus* NRRL Y-2460. **International Journal of Biological, Life Science and Engineering**. 8(2), 15-20, 2014.



10. Yogesh M, Grace Nirmala J, **Narendhirakannan RT**. Antidiabetic and antioxidant properties of *Triticum aestivum* in streptozotocin induced diabetic rats. *Advances in Pharmacological Sciences*. 2013: 1-9, 2013. (Hindawi) (Thomson Reuters, Scopus, Pubmed)
11. Manivannan A., Jerald M., Rashmi Chandran, **Narendhirakannan R.T**. Study of Physio-Chemical properties and microbial analysis of lakes in and around Coimbatore, Tamil Nadu, India. *International Research Journal Environmental Sciences*. 2(9), 68-71, 2013. (ISCA) (Google Scholar)
12. Smeera Thomas, Grace Nirmala J, **Narendhirakannan R.T** Free radical scavenging activities of *Nyctanthes arbor-tristis*. L on adjuvant induced arthritis in rats. *British Journal of Pharmaceutical Research*. 3(4):536-547, 2013. (Science domain International)
13. **Narendhirakannan R.T.**, Angeline Christie Hannah M. Oxidative Stress and Skin Cancer: An Overview. *Indian Journal of Clinical Biochemistry*: 28(2):110-115, 2013. (Springer),
14. Vijay M, Ramachandran K., Ananthapadmanabhan P.V., Nalini B., Pillai B.C., Federica Bondioli, Manivannan A., **Narendhirakannan. R.T**. Photocatalytic inactivation of Gram-positive and Gram-negative bacteria by reactive plasma processed nanocrystalline TiO<sub>2</sub> powder. *Current Applied Physics* 13(3): 510-516, 2013. (Elsevier) (IF. 2.144)
15. **Narendhirakannan RT**, Grace Nirmala J, Caroline A, Suneera lincy S, Melda saj, Divya S. Evaluation of antibacterial, antioxidant and wound healing properties of seven traditional medicinal plants from India in experimental animals. *Asian Pacific Journal of Tropical Biomedicine* (S3): S1245-S1253, 2012. (Elsevier)
16. Angeline Christie Hannah M, **Narendhirakannan R.T**. Oxidative Stress – A Hallmark of Human Diseases. *Asian Journal of Biochemical and Pharmaceutical Research*. 2(4): 1-10, 2012. (IF. 0.456)
17. **Narendhirakannan RT**, Limmy T.P. Anti-inflammatory and antioxidant properties of *Sida rhombifolia* stems and roots in adjuvant induced arthritic rats. *Immunopharmacology and Immunotoxicology* 34(2):326-336, 2012. (Taylor & Francis) (IF. 1.617)
18. Manivannan A, Hepsibha Jayarani P, **Narendhirakannan. R.T**. Enhanced acid hydrolysis for bioethanol production from water hyacinth (*Eichhornia crassipes*) using fermentating Yeast *Candida intermedia* NRRL Y-981. *Journal of Scientific and Industrial Research* 71: 51-56. 2012. (CSIR – NISCAR) (IF. 0.385)
19. Grace Nirmala J and **Narendhirakannan RT**. Detection and genotyping of high-risk HPV and evaluation of anti-oxidant status in cervical carcinoma patients in Tamil Nadu State, India-a case control study. *Asian Pacific Journal of Cancer Prevention* 12(10):2689-95, 2011. (Asian Pacific Journal of Education Press) (IF. 2.514)
20. Grace Nirmala J and **Narendhirakannan RT**. *In vitro* antioxidant and Antimicrobial activities of grapes (*Vitis vinifera*. L) Seed and skin extracts - Muscat variety. *International Journal of Pharmacy and Pharmacological Sciences* 3(4): 242-249, 2011. (Scopus indexed)
21. **Narendhirakannan RT** and Joyita Banerjee, Phytochemical analyses, antibacterial, *in vitro* antioxidant and cytotoxic activities of ethanolic extract of *Syzygium cumini* (L.)

- Seed extract. *International Journal of Pharmaceutical Sciences and Research*, 2(7): 1799-1806, 2011. (Thomson Reuters)
22. Joyita Banerjee and **Narendhirakannan RT**. Biosynthesis of Silver Nanoparticles from *Syzygium cumini* (L.) seed extract and Evaluation of their *in vitro* Antioxidant Activities. *Digest Journal of Nanomaterials and Biostructures*. 6(3): 961 - 968, 2011. (Chalcogen Publishers)
  23. **Narendhirakannan RT** and Smeera Thomas. *In vitro* anti-oxidant studies on ethanolic extracts of leaves and stems of *Nyctanthes arbor-tristis*. L (Night-flowering Jasmine). *International Journal of Biological & Medical Research* 1(4): 188-192, 2010. (BiomedSciDirect Publication). (Google scholar)
  24. **Narendhirakannan R.T** and Rajeswari K. *In vitro* antioxidant properties of three varieties of *Allium sativum* L. extracts. *E-Journal of Chemistry*. 7(S1): S573-579, 2010. (SJR)
  25. **Narendhirakannan R.T** and Limmy T.P. *In vitro* antioxidant studies on ethanolic extracts of leaf, stem and root of *Sida rhombifolia* L. *International Journal of Pharma and Biosciences* 1(2): 20, 1-10, 2010. (Google scholar)
  26. **Narendhirakannan R.T.**, Subramanian, S., Biochemical evaluation of the protective effect of *Aegle marmelos* (L.), Corr. leaf extract on tissue antioxidant defense system and histological - in streptozotocin-induced diabetic rats. *Drug and Chemical Toxicology*. Apr; 33(2):120-30, 2010. (Taylor & Francis) (IF. 1.653)
  27. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Anti-inflammatory and lysosomal stability actions of *Cleome gynandra*. L studied in adjuvant induced arthritic rats. *Food and Chemical Toxicology* 45(6):1001-12, 2007. (Elsevier) (IF. 3.584)
  28. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Evaluation of anti-oxidant potential of *Cleome gynandra*. L leaf extract on the components of the lymphoid organs in adjuvant induced arthritis in rats. *International Journal of Biological Chemistry* 1 (1): 1-10, 2007. (Science alert) (SJR Ranking)
  29. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Evaluation of anti-inflammatory activity of *Cleome gynandra* L. leaf extract on acute and chronic inflammatory arthritis studied in rats. *Journal of Pharmacology and Toxicology* 2: 44-53, 2007. (Science alert) (Scopus and Google scholar)
  30. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Biochemical evaluation of anti-diabetogenic properties of some commonly used Indian plants on STZ induced diabetes in experimental rats. *Clinical and Experimental Pharmacology and Physiology*. 33: 1150 -1157, 2006. (Wiley Online Library) (IF 2.004)
  31. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Free radical scavenging activity of *Cleome gynandra* L. leaves on adjuvant induced arthritis in rats. *Molecular and Cellular Biochemistry*. 276: 71-80, 2005. (Springer) (IF. 2.613).
  32. **Narendhirakannan R.T.**, Subramanian, S., Kandaswamy, M. Mineral Content of Some Medicinal Plants Used in the Treatment of Diabetes Mellitus. *Biological Trace Element Research* 103: 109-115, 2005. (Springer) (IF. 1.798).

33. **Narendhirakannan, R.T.**, Kandaswamy, M., Subramanian, S. Anti-Inflammatory Activity of *Cleome gynandra* L. on Hematological and Cellular Constituents in Adjuvant-Induced Arthritic Rats. *Journal of Medicinal Food* 8: 93-99, 2005. (Mary Ann Liebert Inc.) (IF. 1.844).

#### **Articles in Books (12)**

- 1 Ishwarya Mohan and **Narendhirakannan R.T.** The advances in Neurobiology. In: The Benefits of Natural Products for Neurodegenerative Diseases. **Springer International Publishing, Switzerland**. Vol. 12. 293-306.
- 2 Bindu Jacob and **Narendhirakannan R.T.** Chemopreventive effects of polyphenols: Special focus on oral cancer. In: **Sustainable Technologies in Healthcare and Environment**. Sri Sakthi Promotional Litho Process, Coimbatore. Chapter 2. Pp. 12-19. (ISBN No. 978-81-90387-10-1)
- 3 Evangeline Celsia S and **Narendhirakannan R.T.** Oral squamous cell carcinoma (OSCC) - An overview. In: **Sustainable Technologies in Healthcare and Environment**. Sri Sakthi Promotional Litho Process, Coimbatore. Chapter 5. Pp. 34-40. (ISBN No. 978-81-90387-10-1)
- 4 Ishwarya Mohan and **Narendhirakannan R.T.** Enlisting edible berries in fighting against the cancer. In: **Sustainable Technologies in Healthcare and Environment**. Sri Sakthi Promotional Litho Process, Coimbatore. Chapter 19. Pp. 135-144. (ISBN No. 978-81-90387-10-1)
- 5 **Narendhirakannan R.T.**, Ishwarya M, Deepika R and Evangeline Celsia S. Hepatoprotective role of biomolecules. In: **Hepatotoxicity: Symptoms, Managements and Health implications**. Nova Science Publishers Inc. New York. Chapter 9. Pp. 189-210, 2015.
- 6 **Narendhirakannan RT**, Karunya Poochi (*Paederus fuscipes*) a nuisance insect and an expedient to ecology. In: **Towards invention and innovation for sustainable development**. IRIS Publishers, Coimbatore, India. Pp 36-43. 2014. (ISBN No. 93-80543-21-2).
- 7 **Narendhirakannan RT**, Selection of appropriate experimental animal models in biomedical research. In: **Experimental animals ethical guidelines and bioefficacy studies for biotechnological applications**. IRIS Publishers, Coimbatore, India. Pp 28-44. 2014. (ISBN No. 93-80543-19-0).
- 8 **Narendhirakannan RT**, Suitable animal models for some specific diseases in biomedical research. In: **Experimental animals ethical guidelines and bioefficacy studies for biotechnological applications**. IRIS Publishers, Coimbatore, India. Pp 45-63. 2014. (ISBN No. 93-80543-19-0).
- 9 Manivannan A and **Narendhirakannan R.T.** Water hyacinth - A nuisance weed and nugget resource. In: **Facets of Biotechnology**. SAMS Publishers, Chennai, India. Pp. 66-76. 2013. (ISBN no. 978-93-80485-35-3).
- 10 Grace Nirmala J, Kaleeswari R, Paul Pradeep J and **Narendhirakannan R.T.** *Vitis vinifera* - the free radical quencher. In: **Facets of Biotechnology**. SAMS Publishers, Chennai, India. Pp. 139-152. 2013. (ISBN no. 978-93-80485-35-3).

- 11 Angeline Christie Hannah M and **Narendhirakannan RT**. A study to assess the knowledge about the importance of taking fibre rich diet in prevention of constipation among elderly at Boluvampatty village Coimbatore. *In: New Horizons in Biotechnology*. IRIS Publishers, Coimbatore, India. Pp 78-87. 2012. (ISBN No. 93-80543-15-8).
- 12 **Narendhirakannan RT**. "Role of Oxidative stress in human diseases–A Review". *In: Oxidative stress and its complication in human health*. Excel India Publishers, New Delhi, India. Pp. 54-59. 2011. (ISBN: 93-80697-53-8)

### **Book: Editor & Author**

1. **Edited and compiled a book** entitled "Sustainable Technologies in Healthcare and Environment". Sri Sakthi Promotional Litho Process, Coimbatore. (ISBN No. 978-81-90387-10-1).
2. **Edited and compiled a book** entitled "Experimental animals ethical guidelines and bioefficacy studies for biotechnological applications". IRIS Publishers, Coimbatore, India. 2014. (ISBN No. 93-80543-19-0).
3. **Edited and compiled a book** entitled "Facets of Biotechnology". Sams Publishers, Chennai, India 2013. (ISBN No. 978-93-80485-35-5).
4. **Edited & compiled a book** entitled "New Horizons in Biotechnology". IRIS Publishers, Coimbatore. 2012. (ISBN No. 93-80543-15-8).
5. **Edited & compiled a book** entitled "*Oxidative stress and its complication in human health*". Excel India Publishers, New Delhi, India. 2011. (ISBN: 93-80697-53-8).

### **Research Papers Presented in Conferences**

**(13 International, 6 National & 1 State level)**

1. **Presented a paper in International Conference on Interdisciplinary Research Innovations in Computer Science, Biosciences and Electronics (ICIRCBE, 16)**. Conducted by Nehru Arts and Science College in association with Malaysia University of Science and Technology and ICTACT held at Kuala Lumpur, Malaysia (29<sup>th</sup> -30<sup>th</sup> November 2016).
2. **Presented poster in 12<sup>th</sup> International Conference of the Asian Clinical Oncology Society & 35<sup>th</sup> Annual Convention of Indian Association for Cancer Research & Mid-Term Conference of IASO** held with the theme **Cancer in Asia: Bridging the Gaps**, New Delhi, India. (8<sup>th</sup> - 10<sup>th</sup> April 2016).
3. **Presented a paper in 6<sup>th</sup> International Conference on Stem cells and Cancer: Proliferation, Differentiation and apoptosis**. Conducted by International Centre for

**Stem cells and cancer**, Pune at Yashda Auditorium, **Pune, India** (2<sup>nd</sup> -5<sup>th</sup> October 2015).

4. Presented a **paper** in “**4<sup>th</sup> International Science Congress (ISC-2014)**” conducted by International Science Congress Association at **Pacific University, Udaipur, Rajasthan India** (8<sup>th</sup> & 9<sup>th</sup> December 2014).
5. Presented a **paper** in “**3<sup>rd</sup> International Science Congress (ISC-2013)**” conducted by International Science Congress Association at **Karunya University, Coimbatore, India** (8-9, Dec. 2013).
6. Presented a **paper** in **National Conference on Biorevolution - A promising strategy** held in Department of Biosciences, **Sri Krishna Arts and Science College, Coimbatore, India**. (13, Feb. 2013)
7. Presented a **paper** in “**2<sup>nd</sup> International Science Congress (ISC-2012)**” conducted by International Science Congress Association at **Bon Maharaj Engineering College, Vrindavan, Mathura, Uttar Pradesh, India**, (8-9, Dec. 2012)
8. Presented a **paper** in **National Conference on Phytomedicine** held in School of Life Sciences, **Bharathiar University, Coimbatore, India**. (4-5, Oct. 2012).
9. Presented a paper in **National Conference on Biorevolution - A Promising Strategy** (NCBPS '11), organized by Department of Biosciences, Sri Krishna Arts & Science College, Coimbatore. (11, Feb 2011).
10. Presented a **paper** in “**1<sup>st</sup> International Science Congress (ISC-2011)**” conducted by International Science Congress Association at Maharaja Ranjit Singh College of Professional Sciences, Indore, Madhya Pradesh, India, (24-25, Dec. 2011).
11. Participated in the **India-Singapore International Conference on Breast Cancer (ISCON-2011)** Organized by **Regional Cancer Centre, Trivandrum**. (22-23, July 2011).
12. Presented a poster in the **National level conference on “New frontiers in Biotechnology”**. Organized by **Dept. of Biotechnology, Bharathiar University, Coimbatore** (July, 2009)
13. International Conference on “**Drug Development from Medicinal Plants - Issues & Problems**”. Conducted by “**C.L. Baid Metha College of Pharmacy, Chennai, India**” (20-22, Oct. 2005)
14. **The 37<sup>th</sup> Annual Conference of Indian Pharmacological Society**. Conducted by “**Science City, Kolkatta, India**” (Jan 14-16, 2005).
15. **National Symposium on Oxidative Stress**. Conducted by “**Department of Biophysics, Punjab University, Chandigarh, India**” (Nov. 20-22, 2003).
16. **International Congress of Indian Pharmacy Graduates 2003**. Conducted by “**Annamalai University, Annamalai Nagar, India**” (Nov. 8<sup>th</sup> & 9<sup>th</sup> 2003).
17. **The 35<sup>th</sup> Annual Conference of Indian Pharmacological Society**. Conducted by “**Defense Research & Development Establishment, Gwalior, India**” (Nov. 26-29, 2002).

18. **International Conference of “Role of Free Radicals and Anti-oxidants in health and disease”**. Conducted by “Department of Biochemistry, C.S.M. Medical University, Lucknow, India” (Feb. 10-12, 2003).
19. **National Symposium on “Recent Trends in Restoration of Aquatic Environment and Biodiversity of Insects”** Conducted by “P.G and Research Department of Zoology’ Kongunadu Arts and Science College, Coimbatore, India” (Feb 15-16, 2002).
20. **State level Seminar on Water Pollution & Public Health**. Conducted by “The H.H. Rajah’s College, Pudukkottai, India, (Dec. 14-15, 2001).

Attended more than 25 National and International Symposia, Seminars and Conferences connected to my area of interests.

#### **Professional Membership in Scientific/ Social Organization**

- **Fellow Member** of International Science Congress Association, India.
- **Senior Member** in Asia-Pacific Chemical, Biological & Environmental Engineering Society, Hong Kong.
- **Executive Board Member** of Research Scholar Hub, India.

#### **Professional Training**

- ⊕ Participated in UGC-ASC, XVI Refresher Course in Life Sciences conducted by UGC-Academic Staff College, University of Kerala, Thiruvananthapuram, Kerala (26/05/2011 to 16/06/2011)
- ⊕ Participated in **National Workshop on “Toxicological Techniques” - 2011 (TOXITEC-2011)** conducted by Dept. of Zoology, Faculty of Science, Annamalai University, Annamalai Nagar, Tamil Nadu. (19 & 20, March, 2011).
- ⊕ Completed **Short Term Training Programme on “Biotechnology & Biochemical Engineering”** conducted by Applied Science Department, National Institute of Technical Teachers’ Training and Research, Chandigarh. (23-27, November 2009).
- ⊕ Underwent **One Month Technical training** (2<sup>nd</sup> to 31<sup>st</sup>, March 2009) in Institute of Biophysics, Brno, Czech Republic.
- ⊕ Underwent **One Month Summer training** in NIMHANS, Bangalore, India. (Dept. of Biological Psychiatry, National Institute of Mental Health & Neuro Sciences, Bangalore, India)

#### **Editorial Experience** **(International Scientific Journals)**

<i>Advisory Editor</i>	:	⊕ International Journal of Plant, Animal and Environmental Sciences
<i>Associate Editor (Biotechnology)</i>	:	⊕ Indian Journal of Research in Pharmacy and Biotechnology

<b>Editorial Board member</b>	: <ul style="list-style-type: none"> <li>✦ Research Journal of Recent Sciences</li> <li>✦ International Research Journal of Biological Sciences</li> <li>✦ International Research Journal Medical Sciences</li> <li>✦ International Journal of Biosciences and Nanosciences</li> <li>✦ Journal of Alternative Medical Research</li> <li>✦ Peertechz Journal of Medicinal Chemistry Research</li> </ul>
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### Professional experience

<b>Assistant Professor (SG)</b>	: Department of Biotechnology <b>Karunya University</b> , Coimbatore. (From 02/06/2008 to till date)
<i>Courses handled</i>	: <ul style="list-style-type: none"> <li>✦ M. Tech Biotechnology</li> <li>✦ M. Sc., Medical Biochemistry</li> <li>✦ M. Sc., Microbiology</li> <li>✦ B. Tech Biotechnology</li> </ul>
<i>Subjects handled</i>	: <ul style="list-style-type: none"> <li>* Medical Biochemistry</li> <li>* Molecular basis of Cancer</li> <li>* Biopharmaceutical Technology</li> <li>* Clinical Biochemistry</li> <li>* Advanced Engineering Biochemistry</li> <li>* Molecular Biology &amp; Genetic Engineering</li> <li>* Advanced Intermediary Metabolism</li> <li>* Clinical Pathology</li> <li>* Molecular Medicine</li> <li>* Nutrition Biochemistry and Physiology</li> </ul>
<b>Lecturer</b>	: Department of Biochemistry <b>S.R.M. Arts &amp; Science College</b> , Kattankulathur, India. (From Oct. 2002 to June 2003)
<i>Courses handled</i>	: M. Sc., Biotechnology M.Sc., Biochemistry M. Sc., Bioinformatics
<i>Subjects handled</i>	: <ul style="list-style-type: none"> <li>* Biomolecules</li> <li>* Cell Biology</li> <li>* Clinical biochemistry</li> <li>* Biochemical techniques</li> <li>* Molecular Biology and Biotechnology</li> </ul>
<b>Lecturer</b>	: Department of Biochemistry <b>Kongunadu Arts &amp; Science College</b> Coimbatore (From Oct. 1999 to Oct 2000)
<i>Courses handled</i>	: M.Sc., Biochemistry B. Sc., Biochemistry

<i>Subjects handled</i>	:	<ul style="list-style-type: none"><li>* Biochemical techniques</li><li>* Advanced Intermediary Metabolism</li><li>* Clinical Biochemistry</li></ul>
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### **External Examiner/Question paper setter for the reputed Institutions**

1. Bharathiar University, Coimbatore, Tamil Nadu, India.
2. Sri Venkateswara University, Tirupathi. Andhra Pradesh, India.
3. Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India.
4. Vinayaka Missions University, Salem, Tamil Nadu, India.
5. Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India.
6. NGM College (Autonomous), Pollachi, Tamil Nadu, India.
7. Kongunadu Arts and Science College, Coimbatore. (Question paper scrutinizing committee, Project viva voce)
8. Sri Krishna Arts and Science College, Coimbatore
9. Karunya University, Coimbatore, Tamil Nadu, India.

### **Administrative Responsibilities**

- **Coordinator – University Relations** (August 2015 to till date) in the Office of the Directorate of Collaborations, Karunya University.  
Role & duties: Coordinating with the Director of Collaborations, Karunya University to establish the Memorandum of Understandings and collaborations on behalf of Karunya University with the Universities/Institutes all over the World. To facilitate the exchange of students/faculty members in regard with academics and research.
- **Coordinator of Biotechnology Department Association** (2013 to till date),  
Role & duties: Coordinating the Association activities such as selection of office bearers, inviting guests for special lectures and taking care of their travel and hospitality, conducting scientific events and competitions for students and all other activities which are motivational to the students in their career and personal endeavors.
- **Member – Board of Studies, Department of Biotechnology** (Dec. 2015 to till date)  
Role & duties: Curriculum development, framing of syllabi, credit calculations, designing the subjects for semester wise, participating the board of studies meetings and developing the curriculum in par with reputed institutions.
- **Coordinator - Internal Exam** (2009 to 2014), Department of Biotechnology.  
Role & duties: Preparation of internal exam time tables, Practical exam time tables, duty roster for end semester examinations and hall arrangements for internal exams, smooth conducting of exams
- **Coordinator - PG Admissions** (2010 to till date), Department of Biotechnology



**Role & duties:** Preparation of admission brochures in par with the University norms and format, participating various admission promotional campaigns such as educational fairs, meetings etc., contacting parents and candidates as a follow up to those who shown interested in joining our University, Participating single window counselling of University admissions.

- **Coordinator - Time Table** (2009-2010), Department of Biotechnology, Karunya University.

**Role & duties:** Preparation of class time tables.

### Technical Experience

Biochemistry	:	<ul style="list-style-type: none"> <li>☞ Spectrophotometric determination of antioxidants, parameters of arthritis and diabetes.</li> <li>☞ Phytochemical screening.</li> </ul>
Molecular Biology Cell Biology	:	<ul style="list-style-type: none"> <li>PCR, rt-PCR</li> <li>○ Basic histology- Preparation of specimens/slides/staining</li> <li>○ Electron microscopical examination (Light &amp; TEM) of joint tissues to map out the structural changes in the cells at arthritic joint, diabetic liver and kidney</li> </ul>
Laboratory animal handling & related procedures	:	More than 10 years of experience in handling rats, administration of drugs (oral, intra-peritoneal), collection of blood samples, induction of arthritis, diabetes, measuring paw volume, drug application etc.

### World Wide Recognition

1. **Google Scholar website page:**  
[http://scholar.google.co.in/citations?hl=en&user=b0bzeCsAAAAJ&sortby=pubdate&view\\_op=list\\_works](http://scholar.google.co.in/citations?hl=en&user=b0bzeCsAAAAJ&sortby=pubdate&view_op=list_works)
2. <http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=narendhirakannan&sid=8CB873176662A7F67D71218D865D4396.y7ESLndDIIsN8cE7qwvy6w%3a180&sot=b&sdt=b&sl=21&s=ALL%28narendhirakannan%29&origin=searchbasic&txGid=8CB873176662A7F67D71218D865D4396.y7ESLndDIIsN8cE7qwvy6w%3a18>
3. **National Research Council, Canada** selected one of my publications for the reference in FIND@CISTI <http://discover-decouvrir.cisti-icist.nrc-cnrc.gc.ca/dcvr/ctrl?action=dsere&index=au&req=%22Narendhirakannan%2C%20Ramasamy%20Thangavelu%22>
4. Suggested my publication “for further reading” to promote their Herbal Dietary supplement “**BOWEL CARE**” Satisfying Elimination, Excellent for rejuvenating the G.I., **Bowelcare** is a warming nurturing demulcent, providing soothing support for the colon by ORGANIC INDIA.  
[http://www.google.co.in/url?sa=t&rct=j&q=narendhirakannan%2C%20herbal%20product&source=web&cd=3&ved=0CEoQFjAC&url=%2Furl%3Fsa%3Dt%26rct%3Dj%26q%3Dnarendhirakannan%252C%2520herbal%2520product%26source%3Dweb%26cd%3D3%26ved%3D0CEoQFjAC%26url%3Dhttp%253A%252F%252Forganicindiausa.com%252F\\_literature\\_56948%252FBowelcare\\_Product\\_Knowledge\\_Sheet%26ei%3DpQ](http://www.google.co.in/url?sa=t&rct=j&q=narendhirakannan%2C%20herbal%20product&source=web&cd=3&ved=0CEoQFjAC&url=%2Furl%3Fsa%3Dt%26rct%3Dj%26q%3Dnarendhirakannan%252C%2520herbal%2520product%26source%3Dweb%26cd%3D3%26ved%3D0CEoQFjAC%26url%3Dhttp%253A%252F%252Forganicindiausa.com%252F_literature_56948%252FBowelcare_Product_Knowledge_Sheet%26ei%3DpQ)

[OxTra\\_BsrTrQeMrZyTCg%26usg%3DAFQjCNHkBzVp36lWPmdnr1-LstOyzQcxLQ&ei=pQOxTra\\_BsrTrQeMrZyTCg&usg=AFQjCNHkBzVp36lWPmdnr1-LstOyzQcxLQ](http://www.organicindiausa.com)

5. [www.organicindiausa.com](http://www.organicindiausa.com) suggested my publication "for further reading" to promote their Herbal Dietary supplement "**BOWEL CARE**" - Satisfying Elimination.
6. New diabetes study findings recently were published by R.T. Narendhirakannan and co-researchers. Publication: Defense & Aerospace Week, Publication Date: 19-May-10. <http://business.highbeam.com/409017/article-1G1-226281184/new-diabetes-study-findings-recently-were-published>
7. Indexed my name in Expert India:  
<http://www.labome.org/expert/india/narendhirakannan/dr-r-t--narendhirakannan-1568735.html>
8. Indexed in  
[http://www.globinmed.com/index.php?option=com\\_content&view=article&id=83584:gynandropsis-gynandra&catid=709:g](http://www.globinmed.com/index.php?option=com_content&view=article&id=83584:gynandropsis-gynandra&catid=709:g)
9. My Reference in Francis Omujaal *et al* Natural Chemotherapeutics Research Institute, Ministry of Health ,Uganda. Presented in the International Symposium on Biodiversity and Sustainable Diets: United Against Hunger: FAO Headquarters, Rome Italy. Date 3rd - 5<sup>th</sup> November 2010. <http://www.fao.org/ag/humannutrition/25380-0ad51fe6a56dad6b7eb2bc35cafe30bcc.pdf>
10. Mentioned in [http://www.ayurgold.com/clinical\\_studies/bael\\_tree/Italian](http://www.ayurgold.com/clinical_studies/bael_tree/Italian)
11. Chakrapani Ayurveda Clinic & Research Center India, ISO 9001 & ISO 22000. STUDIES AVAILABLE OF TULSI -  
<http://tulsionline.com/Recent%20studies%20on%20tulsi.html>
12. Cited in  
<http://www.phosphatase.net/showcitationlist.php?surname=Narendhirakannan&initials=R>
13. Article cited in British Library Direct  
<http://direct.bl.uk/bld/PlaceOrder.do?UIN=198779740&ETOC=RN&from=searchengine>
14. Mentioned in Biograph <http://biograph.be/concept/graph/C0019494/C0016786>
15. Cited in <http://www.greenpharmacy.com/sites/default/files/Basil.txt>
16. Mentioned in A Bibliography of Indian Medicine  
[http://indianmedicine.eldoc.ub.rug.nl/root/\\_/?pag=190](http://indianmedicine.eldoc.ub.rug.nl/root/_/?pag=190)
17. Quoted in Expert mapper  
<http://www.expertmapper.com/go/arthritis,+rheumatoid/-aNarendhirakannan+RT/-vEmArt>
18. Cited in Freeradicalscience  
<http://www.freeradicalscience.com/showcitationlist.php?surname=Narendhirakannan&initials=RT>
19. Cited in Asian Science Citation Index  
<http://209.238.2.121/asci/result.php?searchin=Keywords&ascicat=ALL&keyword=free+radical&cat=>

20. one of the article cited in John Hopkins POC-IT Guides  
[http://www.hopkinsguides.com/hopkins/ub/citation/17184494/Biochemical\\_evaluation\\_of\\_antidiabetogenic\\_properties\\_of\\_some\\_commonly\\_used\\_Indian\\_plants\\_on\\_streptozotocin\\_induced\\_diabetes\\_in\\_experimental\\_rats](http://www.hopkinsguides.com/hopkins/ub/citation/17184494/Biochemical_evaluation_of_antidiabetogenic_properties_of_some_commonly_used_Indian_plants_on_streptozotocin_induced_diabetes_in_experimental_rats)
21. Cited one of Publications in Arthritis & Ayurveda website:  
<http://vaidyaraj.co.in/category/arthritis/arthritis-ayurveda/>
22. One of my publications is mentioned in  
<http://www.hcjz.hr/clanak.php?id=14474&rnd=>

Most of my publications are cited in more than 500 International Journals as  
References.

#### Personal Details

<b>Gender</b>	:	Male
<b>Date of birth</b>	:	12. 05.1975
<b>Marital status</b>	:	Married
<b>Nationality</b>	:	Indian
<b>Languages known</b>	:	English, Tamil, Telugu and Malayalam
<b>Extension Activities</b>		NSS, Community Health Services, Camps, Trekking and Social gatherings
<b>Extracurricular Activities</b>	:	Music, Dance, Skit and mono acting
<b>Hobbies</b>	:	Drawing, Photography, Trekking and Travelling
<b>Countries visited</b>	:	Czech Republic, Israel, Jordan, Hungary, Austria, France, Switzerland, Germany, Slovakia Republic, Muscat, Qatar, Nepal and Malaysia