

Detailed CV

Name: Dr. Manjula Shantaram

Educational Qualification: MSc., PhD., PG Diploma in Ethics

Designation: Professor of Biochemistry &

Director I/c Student Welfare



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Research Areas: Biomarkers, Diabetes mellitus, Toxicology, Phytomedicine

Professional Teaching Experience: 25 years

Research Guidance (PhD):

Completed students' list

S. No	Name	Month & Year PhD awarded	University	Title of their PhD thesis
1.	Dr. Grisilda Vidya Bernhardt	June 2013	Vinayaka Missions University Salem, Tamil Nadu	<i>In vitro</i> and <i>in vivo</i> study of mutagenic, clastogenic, genotoxic and biochemical effects of certain environmental toxins on normal and diabetic study models and evaluation of protective effect of natural biological compounds on the above effects
2.	Dr. Janita D'Souza	June 2013	Vinayaka Missions University Salem, Tamil Nadu	Study of Effect of Malathion on Infection: Therapeutic Effect of Synthetic Antioxidants -An <i>In vitro</i> and <i>In vivo</i> Study
3.	Dr. Geetha Bhaktha	August 2013	Yenepoya Deemed to be University, Mangalore	A study of the relationship between various biochemical and anthropometric variables in subjects with type 2 diabetes of western coastal area of Dakshina Kannada district
4.	Dr. Maji Jose	Nov. 2013	Yenepoya Deemed to be University, Mangalore	Evaluation of tobacco induced changes in cultured human oral mucosal cells and protective effect of extracts of indigenous plants used for oral health and hygiene in Dakshina Kannada
5.	Dr. Ashwini S.	Oct. 2018	Mangalore University	A study on biochemical composition of Seaweeds and <i>in vitro</i> anti-tumoral activities on human cervical cancer cell lines.
6.	Dr. Suresh Babu T.V.	March 2019	Mangalore University	Prenatal and screening tests for early diagnosis and treatment of thalassemia among Dakshina Kannada and Kodagu population
7.	Dr. Balakrishna Shetty	Oct. 2019	Yenepoya Deemed to be University, Mangalore	Impact of naturopathy and yoga-based lifestyle on the serum lipid profile and antioxidant status in subjects with obesity
8.	Dr. Saritha	Nov. 2020	Mangalore University	A comparative study of serum and salivary biomarkers for type 2 diabetes and patients with diabetic nephropathy

Ongoing Registered Students' list

S.No.	Name	Registered Month & Year	Part Time/Full Time	University	Proposed Title of their PhD thesis
1.	Mrs. Asha Prabhu	July 2012	Part Time	Yenepoya Deemed to be University	A comparative study of lipid profile and markers of cardiac diseases in fish eating and non-fish-eating population of selected areas of coastal Karnataka
2.	Mr. Manikumar B.	Jan. 2015	Part Time	Mangalore University	Evaluation of anti-obesity properties of biomolecules derived from plant sources
3.	Ms. C.A. Divya	Jan. 2015	Part Time	Mangalore University	Studies on TNF-alpha as a therapeutic Biomarker in the management of Obesity induced Diabetes
4.	Mr. Pratap G.K.	Feb. 2017	Full Time	Mangalore University	Neuroprotective studies on plant isolates from <i>Olea dioica</i> Roxb., and <i>Curculigo orchioides</i> Gaertn. Thesis submitted on 2 nd Nov. 2020.
5.	Mr. Ali Mohammed Abdullah Bawazir	May 2017	Full Time	Mangalore University	Biochemical Characterization of Antibacterial Actinomycetes Isolated from Soils of Hadhramout-Yemen- Thesis submitted 2020.
6.	Mr. Srinivasa K.	April 2018	Full Time	Mangalore University	A study of proteomics in typhoid patients' urine sample from Kodagu district: a future diagnostic approach
7.	Ms. Varsha Jayakar	April 2018	Full Time	Mangalore University	A biochemical study of <i>Garcinia</i> spp., and its anticancer activity
8.	Mr. Vinayak Lokapur	April 2018	Full Time	Mangalore University	Characterization of Bioactive Compounds from <i>Holigarna ferrugenia</i> and <i>Holigarna beddomi</i> - Endemic plants from Western Ghats
9.	Mrs. Maithili Acharya	Aug.2019	Part Time	Mangalore University	A comparative study of traditional cardiac markers with heart specific fatty acid binding protein (H-FABP) for prediction of coronary heart diseases
10.	Mr. Ambarish Sindagi	Aug. 2019	Part Time	Mangalore University	Studies on Biodegradation of Some Heavy Metals from Industrial Effluents using Indigenous Microorganisms

Co- Guide to five PhD candidates of Yenepoya Deemed to be University

S.No.	Name	PhD awarded	Title of their PhD thesis
1.	Dr. Badrunnisa S.	Jan. 2014	Study on microbial deterioration of coolant in industry, and plant extracts as possible remedial agents
2.	Dr. I. Venkatakrishna Rao	April 2014	Antimicrobial susceptibility of <i>S. aureus</i> and characterization of isolates with reduced susceptibility to vancomycin – A comparative study among isolates from patients and carriers
3.	Dr. Bhaskaran Nair T.	May 2014	A study on role of biofilm formation by uro-pathogenic <i>E.coli</i> in infection and drug resistance
4.	Dr. Roopa Sebastian	Dec. 2015	A correlative study of blood and salivary glycoconjugates, enzymes and oxidant –antioxidant status as biomarkers of chronic periodontitis
5.	Dr. Chetana Shenoy	April 2019	A Study of Biochemical Markers of Psoriasis as a Metabolic Syndrome

Professional Collaboration: International: Project proposal sent to Ms. Maria Hahn, CEO, Nutrix, Switzerland on 25th Nov. 2020.

Research Journal Publications (list)

International:

1. Ashwini S., **Manjula Shantaram**. Polysaccharides of Red Seaweed-*Gracilaria corticata* (J.Agardh) J.Agardh as a potential anticancer agent. Accepted on 5th Oct 2020 in International Journal of Engineering Applied Sciences and Technology. 2020; ISSN:2455-2143. doi: 10.33564
2. Saritha, **Manjula Shantaram**. Salivary biomarkers for diagnosing renal functions in patients with type 2 diabetes: A correlative study. Accepted on 10th October 2020 in **Biomedicine** 2020; 40(04):
3. Varsha Jayakar, Vinayak Lokapur, **Manjula Shantaram***. Identification of volatile bioactive compounds by GC-MS analysis from the leaf extracts of *Garcinia cambogia* and *Garcinia indica*. **Medicinal Plants**. December 2020; 12(4): 483-493.

4. Pratap G.K., Suhail Ahmad Rather, **Manjula Shantaram**. *In vitro* anti-cholinesterase activity and mass spectrometric analysis of *Curculigo orchioides* Gaertn., rhizome extract. Accepted in **Analytical Chemistry Letters**.2020; Vol.10(4): 442-458.
5. Raghavendra H.L., Prashith Kekuda T.R., Chetan D.M., **Manjula Shantaram**. Physicochemical parameters, anti-nutritional factors, vitamin and mineral contents of *Rubus steudneri* and *Rubus apetalus* leaves. Accepted in **Biomedicine**. 2020; 40(03): 294-300.
6. Ananda Danagoudar, Pratap G.K., **Manjula Shantaram**, Krishna Ghosh, Biji Chatterjee, Santosh R. Kanade, Chandrashekhar G Joshi. Characterisation, cytotoxic and antioxidant potential of silver nanoparticles biosynthesised using endophytic fungus (*Penicillium citrinum* CGJ-C1). **Materials Today Communications July 2020** (IF=2.68) Elsevier publication. DOI: [10.1016/j.mtcomm.2020.101385](https://doi.org/10.1016/j.mtcomm.2020.101385) (Citation= 01).
7. Ananda Danagoudar, Pratap G.K., **Manjula Shantaram**, Krishna Ghosh, Santosh R. Kanade, Chandrashekhar G. Joshi. "Cancer cell specific cytotoxic potential of silver nanoparticles synthesised using endophytic fungus, *Penicillium citrinum* CGJ-C2". **Materials Today Communications, 2020; (IF=2.68)**. Elsevier publication. DOI: [10.1016/j.mtcomm.2020.101442](https://doi.org/10.1016/j.mtcomm.2020.101442)
8. Pratap, G.K., **Shantaram, M.** "A kinetic study of acetylcholinesterase inhibition by fractions of *Olea dioica* Roxb., leaf and *Curculigo orchioides* Gaertn., rhizome for the treatment of Alzheimer's disease". **European Journal of Medicinal Plants**, 2020; 30(4): 1-12. <https://doi.org/10.9734/ejmp/2019/v30i430188>
9. Pratap G.K., **Manjula Shantaram**. "Biological activity of methanolic leaf extracts of *Olea Diox* Roxb., of Western Ghats, Karnataka, India". **Biomedicine**, 2019; 39(4): 544-549. ISSN: 0970 2067. (IF=0.1)
10. Ella Fils Armand, **Manjula Shantaram**, Njayou Frédéric Nico and Moundipa Fewou Paul: "Potential of Medicinal Plant Compounds to Targeting Tau Protein in the Therapy of Alzheimer's Disease – A Review" **Biomedicine**. 2019; 39(2): 217 -227. ISSN: 0970 2067.(IF=0.1)
11. Ali Mohammed Abdullah Bawazir, Palaksha, **Manjula Shantaram***. "An Implication of Actinomycetes on Human well-being". **International Journal of Pharmacy and Pharmaceutical Sciences**, 2019;11(5): 11-18. ISSN- 0975-1491 (IF=0.17)
12. Geetha Bhaktha, Shivananda Nayak, **Manjula Shantaram**, Shreemathi Mayya. "Heritability of hypoadiponectinemia in first-degree relatives of Indian population". **International Journal of Clinical Biochemistry and Research (IJCBR)** 2019;6(1): 48-52.
13. Maji Jose, Vengal Ipe Varghese, Varsha Jayakar, Vinayak Lokapur, Srinivasa K., Ali Mohammed Abdullah Bawazir, **Manjula Shantaram***. "The Impact of Plant Extracts on Genotoxicity Induced by Tobacco Products." **Int J Pharm Bio Sci (IJPBS)**. 2019 (January – March); 10(1): 44-56. ISSN: 0975-6299.
14. Saritha Harish and **Manjula Shantaram***. "A Comparative and Correlative Study between Blood and Salivary Glucose with Blood HbA1c in Type 2 Diabetes". **International Journal of Pharmaceutical Sciences and Research (IJPSR)**, 2019 10(1): 401-406. E-ISSN: 0975-8232; P-ISSN: 2320-5148; Thomas Reuters, IF= 2.6.
15. Manikumar Bollapragada and **Manjula Shantaram*** "Comparative Phytochemical Profiles and Antioxidant Properties of *Antigonon leptopus*, *Artabotrys hexapetalus* and *Allamanda blanchetii* Leaf Extracts". **International Journal of Pharmacognosy and Phytochemical Research (IJPPR)**. Oct. 2018; Vol.10(10): 327-333. ISSN: 0975-4873. Impact factor- 1.846.
16. Geetha Bhaktha, Shivananda Nayak, **Manjula Shantaram**. "Evaluating the relationship of gender with cardiovascular disease in non- diabetic subjects without micro and macro vascular complications". **International Journal of Biotechnology and Biochemistry (IJBB)**. 2018; 14(3): 217-224. Online ISSN: 0974-4762, Print ISSN: 0973-2691.
17. Balakrishna Shetty, Geetha B. Shetty, Manjula Shantaram, Manjunath N. K., "Impact of short-term yoga on anthropometric measures, body composition and serum lipid profile in overweight and obese adults-a pilot study". **International Journal of Research in Medical Sciences (IJRMS)**. 2018; Oct;6(10):3315-3319. PRINT ISSN: 2320- 6071; Online ISSN: 2320-6012.
18. Maji Jose, Vengal Ipe Varghese, Varsha Jayakar, Vinayak Lokapur, Srinivasa, K., Ali Mohammed Abdullah Bawazir, **Manjula Shantaram***. Tobacco Induced Apoptosis in Cultured Oral Epithelial Cells and Protective Effect of Selected Plant Extracts. **International Journal of Advanced Pharmaceutical Sciences (IJAPS)**. 2018; 1(8): 144-160. ISSN: 2456-8147.
19. Ali Mohammed Abdullah Bawazir, **Manjula Shantarm***. "Ecology and Distribution of Actinomycetes in Nature – A Review". **International Journal of Current Research (IJCR)**2018;10(7):71664-71668. ISSN: 0975-833X.
20. Maji Jose, Vengal Ipe Varghese, Varsha Jayakar, Vinayak Lokapur, Srinivasa, K., Pratap, G.K., **Manjula Shantaram***. An Exploration on Cytotoxicity Induced by Tobacco Products and Cyto-Protective Effects of Certain Plant Extracts. **International Journal of Current Research (IJCR)**2018;10(7):71149-71155. ISSN:0975-833X. DOI: <https://doi.org/10.24941/ijcr.31307.07.2018>
21. Maji Jose, Vengal Ipe Varghese, Varsha Jayakar, Vinayak Lokapur, Srinivasa, K., **Manjula Shantaram***. Analysis of oxidative stress induced by different tobacco samples and the protective effect by certain plant extracts. **World Journal of Pharmaceutical Research (WJPR)**. 2018; 7(15): 734-769. ISSN: 2277-7105.
22. Maji Jose, Vengal Ipe Varghese, Varsha Jayakar, Vinayak Lokapur, Srinivasa, K., **Manjula Shantaram***. Evaluation of antioxidant activities and free radical scavenging properties in Mango Leaves, Husks of Areca and Coconut. **Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)**, 2018;9(4):1607-

1619. ISSN: 0975-8585. Impact Factor: 0. 35.

23. Ali Mohammed Abdullah Bawazir, Gunashree B. Shivanna, **Manjula Shantaram***. "Impact of different media for growth and production of different soluble pigments in actinomycetes from Hadhramout, Yemen". **European Journal of Biomedical and Pharmaceutical Sciences (EJBPS)**, 2018; 5(7): 615-619.
24. Ali Mohammed Abdullah Bawazir, Gunashree B. S., **Manjula Shantaram***. "Isolation and Characterization of Nocardia from Laiha Cave Soil in Hadhramout of Yemen as a Source of Antibiotic" **International Journal of Science and Research Methodology (IJSRM)**, 2018;9(3):121-130. ISSN: 2454-2008.
25. Ali Mohammed Abdullah Bawazir and **Manjula Shantaram***. "Effect of Yemeni Sesame Oil against Some Pathogenic Bacteria and Fungi". **International Journal of Pharmaceutical Sciences and Research (IJPSR)**, 2018; 9(6): 2507-2512. E-ISSN: 0975-8232; P-ISSN: 2320-5148; Thomas Reuters, IF= 2.6. **(Citations= 03)**.
26. Saritha Harish, **Manjula Shantaram***. "A Correlative Study Between Serum, Salivary Lipid Profile and Glucose Level in Healthy and Type 2 Diabetic Patients" **Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)** 2018; 9(2): 136-143. ISSN: 0975-8585. **Impact Factor: 0. 35. (Citation =01)**
27. Suresh Babu TV, Saritha, **Manjula Shantaram***. "Serum Lipid Profile and Ferritin in β -Thalassemia Trait Patients". **International Journal of Current Research (IJCR)** 2018; 10(01): 63796 -63801. ISSN: 0975-833X.
28. Ali Mohammed Abdullah Bawazir and **Manjula Shantaram***. "Antibacterial Activity of Actinomycetes Isolated from Different Habitats of Hadhramout- Yemen" **Haya: The Saudi J. Life Sci., (SJLS)**. Vol-3, Iss-1 (Jan.,2018): 5-9. ISSN 2415-6221 (Online) ISSN 2415-623X (Print). IF = 0.36. UGC approved, Indexed journal.
29. Ashwini S and ***Manjula Shantaram**. "Prospects of seaweeds: A search along Surathkal beach of Karnataka" **J Algal Biomass utln(JABU)** 2018; 9(1): 86-90 eISSN: 2229-6905.
30. Asha Prabhu, **Manjula Shantaram***, H.P. Kedilaya. "Influence of fish consumption on oxidant status and high-sensitive C - reactive protein: A comparative study among fish consuming and vegetarian subjects". **International Journal of Pharma Research and Health Sciences (IJPRHS)** 2017; 5(6): 2046-2049. eISSN: 2348-6465.
31. Balakrishna Shetty, Geetha B Shetty, **Manjula Shantaram***, Manjunath N K. "Effect of yogic intervention on anthropometric variables and oxidative stress in obese adults". **International Journal of Pharma Research and Health Sciences (IJPRHS)** 2017; 5(6):2050-2054. eISSN: 2348-6465.
32. Ali Mohammed Abdullah Bawazir and **Manjula Shantaram***. "Non streptomycetes and antibiotics from special habitats– a review" **Biomedicine** 2017; 37(4) 473-478. ISSN: 0970 2067. Impact Factor: 0.02.
33. Wadad M. Al-Haik, Ali Mohammed Abdullah Bawazir, Magda Mohammad Aly, Ahmed M. Al-Haddad and **Manjula Shantaram***. "Antimicrobial Activity of Lactic Acid Bacteria against Toxicogenic Fungi". **International Journal of Current Research and Academic Review (IJCRAR)** 2017; 5(11):12-18. ISSN: 2347-3215.
34. Pratap GK, Ashwini S, **Shantaram M***. "Alzheimer's Disease: A Challenge in Managing with Certain Medicinal Plants – A Review". **International Journal of Pharmaceutical Sciences and Research (IJPSR)** 2017; 8(12): 4962-4970. E-ISSN: 0975-8232; P-ISSN: 2320-5148; Thomson Reuters, IF= 2.6. **(Citation =01)**
35. Ashwini S, **Manjula Shantaram***, T V Suresh Babu. "Comparative HPLC analysis of Camptothecin and Quercetin content in ethanolic extracts of *Gracilaria corticata* (J.Agardh) J. Agardh " **International Journal of Pharmaceutical Sciences and Research (IJPSR)**. 2017; 8(11): 4710-4715. E-ISSN: 0975-8232; P-ISSN: 2320-5148. **(Citation =02)**.
36. Ashwini S, Suresh Babu T V, Varun Kumar S M, Kshama K, Naveen Kumar K B, **Manjula Shantaram*** "Studies on pharmacognostical and biochemical constituents of selected seaweeds and their effects as liquid fertilizers on growth of crop plants". **Global Journal of Pharmacy & Pharmaceutical Sciences (GJPPS)**, 2017; 3(4): DOI:10.19080//GGJPPS. 22017.03. 555618. ISSN: 2573-2250.
37. Ashwini S, Shine P.Varkey, **Manjula Shantaram***. "*In silico* docking of polyphenolic compounds against caspase 3-HeLa cell line protein" **International Journal of Drug Development Research (IJDDR)**, 2017;9(3): 28-32. ISSN: 0975-9344.**(Citation =05)**.
38. Suresh Babu TV, Saritha, Ashwini S, **Manjula Shantaram***. "Pre-nuptial Status of Heterozygous β -Thalassemia in Kodagu Population of Karnataka". **Biomedicine**, 2017; 37(3): 434- 440. ISSN: 0970 2067.
39. Ashwini S and **Manjula Shantaram**. "A Study on the Ethanolic Extracts of Red `Seweed- *Gracilaria corticata*, to assess the Antiproliferative Activity and Morphological Characterization of Apoptosis on HeLa Cell lines". **International Journal of Phytomedicine**. 2017. Vol. 9; No.3. 436-442. ISSN: 0975-0185. **(Citations= 02)**.
40. Ali Mohammed Abdullah Bawazir, Ahmed Al-Haddad, Abdullah AL- Mahdi, **Manjula Shantaram***. "Actinomycetes from Mountains of Hadhramout- Yemen". **International Journal of Current Microbiology and Applied Sciences (IJCMAS)** 2017; Vol. 6, Issue 8: 3521-3530. ISSN: 2319-7692 (Print), 2319-7706(Online). **(Citation= 03)**
41. Ashwini S, Pratap GK, **Manjula Shantaram***. "CHN content and Bioactive Potentials of *Gracilaria corticata* (J. Agardh) J. Agardh from Surathkal Beach, Karnataka, India". **International Journal of Current Research (IJCR)**. 2017; Vol.9, Issue 7: 53886-53889. ISSN: 0975-833X.
42. Ashwini S Shetty, Ramakrishna Avadhani K, **Manjula Shantaram**. "Morphometric Study of the Thoracic Neural Canal in South Indian Population and its Clinical Significances" **Indian Journal of Applied Research** 2017;7(7) 87-89. Print ISSN No:2249-555X. e ISSN: 2320-5407A.

43. Ashwini S, **Manjula Shantaram***. “Antioxidant Capacity of Extracts of Red Seaweed-*Gracilaria corticata* (J. Agardh) J. Agardh” **Pharmanest-International Journal of Advances in Pharmaceutical Sciences (IJAPS)**. May-June 2017; Vol.8; Issue 3: 13-18. eISSN: 2231-0541.
44. Pratap GK, Ashwini S, **Manjula Shantaram***. “Practice of Traditional Medicinal Plants in Humans and Cattle in Arasikere Hobli of Davangere District” **Journal of Medicinal Plants Studies**. 2017;5(3): 38-41. **Online ISSN: 2320-3862 Print ISSN: 2394-0530. (Citation= 01).**
45. Pratap GK, Rudrappa G, **Manjula Shantaram***. “A pilot study on serum adenosine deaminase activity in type 2 diabetes mellitus”. **International Journal of Medical Research and Pharmaceutical Sciences (IJMRPS)** 2017; 4(4): 13-18. ISSN: 2394-9414.
46. Suresh Babu T V, Saritha, Ashwini S, **Manjula Shantaram***. “Pre-Marital Screening Tests of β -Thalassemia Trait in Dakshina Kannada Population of Karnataka”. **International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)**. 2017; 9(2): 268-272. ISSN: 0975-1491. Impact factor: 0.49.
47. Mani Kumar B, **Manjula Shantaram***, Sunil Kumar R. “Obesity: Development, Epidemiology, Factors affecting, Quantity, Health hazards, Management and Natural treatment -A Review”. **International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)**. 2017; 9(2): 12-26. ISSN: 0975-1491. Impact factor: 0.49. **(Citations= 09)**
48. Balakrishna Shetty, Geetha B. Shetty, Manjunath N.K., **Manjula Shantaram***. “Effect of integrated yogic practices on anthropometric measures, serum lipid profile and oxidative stress status in obese adults” **Indian Journal of Applied Research (IJAR)**. 2017; 7 (1): 942-944. DOI: 10.15373/2249555X; Print ISSN No:2249-555X. e ISSN: 2320-5407A. **(Citation= 01).**
49. Ashwini S, Suresh Babu T V, Saritha, **Manjula Shantaram***. “Seaweed extracts exhibit anticancer activity against HeLa cell lines” **International Journal of Current Pharmaceutical Research (IJCPR)**. 2017; 9(1): 114-117. ISSN
50. Ashwini S, **Manjula Shantaram***. “Preliminary Biochemical and Phytochemical Composition in Different Solvent Extracts of Red Seaweed *Gracilaria corticata* from Surathkal Beach of Karnataka in India” **International Journal of Life Sciences and Technology (IJLST)**. 2016; 9(13): 106-110. ISSN: 0974-5335 **(Citations= 02)**
51. Geetha Bhaktha, B. Shivananda Nayak, **Manjula Shantaram** and Shreemathi Mayya. “Clinical presentation of leptin levels in patients with history of parental obesity”. **Innovare Journals of Medical Sciences**, 2016; Vol.4, Issue 5. ISSN 2321-4406. ICV: 5.54.
52. Asha Prabhu, **Manjula Shantaram*** and H.P. Kedilaya. A review article “Fish and fish oil in cardiovascular diseases” **European Journal of Biomedical and Pharmaceutical Sciences (EJBPS)**. 2016; Vol.3: Issue 9, Page no. 171-177. ISSN: 2349-8870. Impact factor: 3.881; ICV= 6.96. **(Citation= 01).**
53. Chetana Shenoy, Manjunath Shenoy M., **Manjula Shantaram**, Soumya Shetty, Nitin B. Nair, Arjun Ajay Shankar. “Significance of Serum Uric Acid levels in Non-Arthritic Psoriasis with special reference to Metabolic Syndrome” **Manipal Journal of Medical Sciences (MJMS) 2016**; Vol. 1, Issue 1: 9-13. **(Citation= 01).**
54. Ashwini S and **Manjula Shantaram*** “Biochemical composition of seaweeds and their anti-cancer properties against Human Papillomavirus (HPV) – a Review” **International Journal of Pharmaceutical, Chemical and Biological Sciences (IJPCBS)**, 2016; Vol.6, Issue 3: 271-279. ISSN (online):2249-9504.
55. Suresh Babu TV and **Manjula Shantaram***. “An Incidence of β -Thalassemia in South India- A Review”. **International Journal of Research in Pharmacy and Biosciences (IJRPB)** 2016; Vol.3, Issue 5: 1-6. ISSN (Print)2394-5885; ISSN No.(online) 2394-5893 **(Citations=05).**
56. Saritha and **Manjula Shantaram***. “A Review on Saliva and Serum Lipid Profile Levels in Type 2 Diabetics”. **International Journal of Research in Pharmacy and Biosciences (IJRPB)** 2016; Vol.3, Issue 4: 34-44. ISSN(Print)2394-5885; ISSN (online) 2394-5893.
57. Geetha Bhaktha, **Manjula Shantaram**, Shivananda Nayak. “Beneficial effects of coffee and maintenance of uric acid levels”. **International Journal of Pharmacy and Pharmaceutical Sciences (Int J Pharm Pharm Sci)** 2016; Vol 8, Issue 4, 393-395. ISSN: 0975- 1491. **(Citations= 06).**
58. Asha Prabhu, **Manjula Shantaram***, H.P. Kedilaya “A comparative study of lipid profile in vegetarians and fish eaters of some parts in coastal Karnataka, India” **International Journal of Current Research and Academic Review (IJCRAR)**. 2016; 4(2), 164-169. ISSN: 2347- 3215(Online).
59. Geetha Bhaktha, Shivananda Nayak, **Manjula Shantaram**, “Assessment of biomarkers in type 2 diabetic subjects without any complications” **Diabetes & Metabolic syndrome: Clinical Research & Reviews**. 13 Sept. 2016, DOI info.10.1016/j.dsx.2015.08.014. **(Citations= 03).**
60. Chetana Shenoy, Manjunath Shenoy M., **Manjula Shantaram**, Vishal B., Malcom Pinto, Sowmyashree Krishna. “Atherogenic lipid profile in psoriasis: correlation with severity and duration of the disease”. **Journal of Obesity & Metabolic Research**, Oct- Dec.2015, Vol. 2, Issue 4, 217-220. **(Citation= 01).**
61. Roshan Radhakrishnan, Shubhada Aphale, **Manjula Shantaram**. Sedative regimens for paediatric patients undergoing diagnostic Magnetic Resonance Imaging. **International Journal for Health and Rehabilitation Sciences (IJHRS)**, Sept. 2015, Vol.4, Issue 3, 174-184.
62. Zainab Yaseen, Sarita Agarwal, **Manjula Shantaram**, Debasish Chowdhury, Sheela Kamath. “Prognostic significance of plasma homocysteine and malondialdehyde in acute ischemic stroke”. **International Journal of Pharma Research and Health Sciences (IJPRHS)** 2015 Vol.3 (3), 727-736.eISSN: 2348: 6465.
63. Suresh Babu TV, Ananda D, Chandrashekar G. Joshi. **Manjula Shantaram*** “A phytochemical study of betel leaf wine” **International Journal of Research in Biosciences (IJRBS)**. 2015, 4(2), 1-7. ISSN 2319-2844.

64. Ananda D, Suresh Babu TV, Chandrashekhar G. Joshi, **Manjula Shantaram***. "Synthesis of Gold and Silver Nanoparticles from Fermented and Non- Fermented Betel Leaf". In **International Journal of Nanomaterials and Biostructures**, 2015, 5(1), 20-23. (Citations= 02).
65. Zainab Yaseen, Sarita Agarwal, **Manjula Shantaram**, Debasish Chowdhury. "A scenario of serum TNF- α and C-reactive protein in acute ischemic stroke and their prognostic significance". **International Journal of Health and Rehabilitation Sciences (IJHRS)**, 2015, 3(4); 135-143. ISSN: 2278-9014(Print); ISSN: 2278-9030 (Online). (Citation =02)
66. M Jose, I Varghese, **M Shantaram**. Analysis of cytotoxic effects of selected smokeless tobacco products. **European Journal of Cancer**, 2015, 51, e21-e22.
67. Balakrishna Shetty, Geetha B. Shetty, Prashanth Shetty, **Manjula Shantaram**. "Effect of Naturopathic fasting therapy on serum lipid profile and hematological indices in healthy individuals" **Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)**, 2015, 6 (2); 1295-1299. ISSN: 0975-8585.
68. Prathiroopa, Kavyashree S J, Ashwitha K M, Suresh Babu TV, **Manjula Shantaram***. "Serum L-Fucose, Total Sialic Acid and Ceruloplasmin in Type 2 diabetic subjects of Somwarpet Taluk – A preliminary study". **International Journal of Research in Pharmacy and Biosciences (IJRPB)**; 2015 Vol.2, Issue 1; 14-20. ISSN (P) 2394 5885, ISSN (online) 2394 5893.
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11. **Shantaram Manjula***, B. Bhagya. A Short Communication “Nutrigenomics- A new perspective to better health” – **JARBS, Special Issue** No.1, 2010, pp 52. ISSN 0975-3923.

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Books published:

1. Single authored first textbook with a title “**Biochemistry and Nutrition for B.Sc. (Nursing)**”. **Released on 10 Sept.’10**, published by Jaypee Brothers Medical Publishers (P) Ltd, New Delhi. **ISBN 978-93-5025-146-1**.
2. **Abstract book** of 39th IABMS Annual Summit and International Conference “Reminiscences” has received ISBN **978-93-5346-131-7**.
3. Single authored second textbook “**Biochemistry Made Easy**” (In press) at Infogate Publishers, Pvt., Ltd., Cochin, Kerala
4. Editor of the book with a title “ **Diversity of Natural Remedy Sources in Kodagu Region of India**” (In press) Bentham Book Publishers.

Book chapters:

1. A book chapter published in “**Phytomedicine and Alzheimer Disease**” book published by Taylor & Francis (CRC Press), USA. The title of the chapter is “**An alternative approach for anti-Alzheimer’s compounds from plant isolates**” published as a Chapter 2, by Pratap G.K., Manjula Shantaram 2020.
2. A book chapter on “**A role of Nanotechnology in Food Processing and Food Packaging Industries**” by Varsha Jaykar, Vinayak Lokapur and Manjula Shantaram for the theme: **Nanotechnology in Food Industry: Applications, Challenges, and Opportunities**, ISBN: **978-81-944270 -4-9**. This chapter is for Chemical Science Review and Letters.
3. A book chapter on “**Functional Foods in the Management of Neurodegenerative Diseases**” by Pratap GK., Varsha Jayakar, Vinayak Lokapur, Manjula Shantaram, in a book with a title “Functional Foods” accepted in Bentham Book publishers (In press).
4. A book Chapter on “**The Role of Nanotechnology in Functional Food and its Application: Food Safety, Regulation and Challenges**” by Varsha Jayakar, Vinayak Lokapur and Manjula Shantaram, in a book with a title “Functional Foods” by Bentham Book publishers (In press).
5. A book chapter with a title “**Pharmacological properties of medicinal plants in mavinahalla forest region in southern part of western ghats, Chikka Aluvara, Kodagu**” by Pratap GK., Manjula Shantaram. Accepted by Bentham Books Publishers (In press).
6. A book chapter with a title Bentham Books Publishers “**A nutraceutical approach on *Garcinia* species of Kodagu region and their structural diversity on bioactive compounds**” Varsha Jaykar, Vinayak Lokapur and Manjula Shantaram. Accepted by Bentham Books Publishers (In press).
7. A book chapter “**Bioprospection of unexplored endemic plants in Kodagu region of the western ghats**” Vinayak Lokapur, Varsha Jaykar and Manjula Shantaram. **Accepted** Accepted by Bentham Books Publishers (In press).

General articles in local bulletins published:

1. Manjula Shantaram: “**Free Radicals: What you need to know**”, Iqra News bulletin of Yenepoya Institutions, Vol. V 2005.
2. Manjula Shantaram: “**Human Gene Cloning**”, Iqra News bulletin of Yenepoya Institutions, Vol. II 2002.
3. Manjula Shantaram “**Stem Cell therapy – A new hope of life**”, Souvenir of School of Quranic Studies, Thalapadi, Mangalore March 2012.

4. Workshop handbook prepared by Pratap GK, Manjula Shantaram. Dr. Sarada Subramaniam Memorial Pre-Conference Workshop on “**Basics of cell culture and Applications in Drug Discovery**” Workshop on 15th Nov. 2018 Jnana Kaveri PG Centre Chikka Aluvara.

Papers / poster presentations in Conferences / Seminars / Symposia (list):

PRESENTATIONS (Oral & poster)

1. Manjula Shantaram: “**Serum immunoglobulins in brain tumor patients**” -**Oral presentation** in XL Annual conference of Neurological Society of India, at KMC, Manipal, Dec.’91.
2. Manjula Shantaram: “**Elevation of serum ceruloplasmin levels in brain tumors**” – **Oral presentation** in 80th Session of the Indian Science Congress Association & National Institute of Oceanography, Goa University, Goa in Jan’93.
3. Manjula Shantaram: “Urinary excretion of 6-hydroxy methyl pterin in brain tumor cases”-**Poster presentation** in XIX Annual ACBI conference at Nizam’s Institute of Med. Sciences, Hyderabad in Jan’93.
4. Manjula Shantaram: “Role of serum glyco-conjugates in intracranial tumors” – **Oral presentation** in 19th Annual conference of Indian Association of Biomedical Scientists, KMC, Mangalore ‘98.
5. Manjula Shantaram: “Estimation of serum lactate dehydrogenase and alkaline phosphatase in brain tumor cases”- **Oral presentation** in 20th Annual conference of Indian Association of Biomedical Scientists, Sri Ramachandra Medical College and Research Center, Porur, Chennai, Oct’99.
6. Manjula Shantaram: “Role of serum ceruloplasmin and adenosine deaminase activity in brain tumor cases”-**Poster presentation** in 9th Asian –Pacific Congress of Clinical Biochemistry, New Delhi, March ‘02.
7. Manjula Shantaram: “Biomarkers in brain tumors” – **Poster presentation** in 30th ACBICON at NIMHANS, Bangalore, Jan’04.
8. Manjula Shantaram, Vidya G.G., Ramitha K. **Poster presentation**- “Hypothyroidism and hyperthyroidism have an effect on the oxidative state of the body” at 33rd ACBICON at AFMC, PUNE, 23rd – 26th Nov.2006.
9. Vidya Bernhardt and Manjula Shantaram. **Poster presentation** “Evaluation of malathion effect on mice and human lymphocytes” at TOXOCON 3, National Toxicology Conference held at KS Hegde Medical Academy, Mangalore, April 7th & 8th 2007.
10. Suchetha Kumari N, Hari Prasad, Vinayachandra, Manjula Shantaram. **Poster presentation** “A study of antioxidant status, total serum sialic acid and lipid profile in Indian type II diabetic patients: Role of glycaemic control and duration of diabetes” at 1st International conference on Genetic & Molecular Diagnosis in Modern Medicine, organized by Kamineni Education Society, at Hyderabad from 7th - 9th January ’08.
11. Manjula Shantaram. **Oral presentation**- ‘Assessment of micronutrients (Mg & Fe) in old age people in Mangalore’ at the 29th National conference of Indian Association of Biomedical Scientists, at Ragas Dental College, Chennai from 12th -14th December, ’08.
12. Bharath Dath Anche T.R. and Manjula Shantaram. **Poster presentation**- ‘Serum L-Fucose in Breast Cancer’ at Medicon 2009, National Conference organized by KMC Mangalore from 24 to 27 June 2009. Best paper award in Surgery section (out of 380 posters his poster was selected as one of the best papers with other 15 candidates in other sections).
13. Vishranka Aithal, B.Bhagya, Manjula Shantaram. **Poster presentation** ‘Morphological and biochemical characteristics of mature fruits of *Averrhoa bilimbi L.* and *A. carambola L.* from Dakshina Kannada district of India’ at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar. 1, 2010.
14. Rizwan P. Sadique, Prakash Saldanha, Anitha Prabhu, Manjula Shantaram. **Poster presentation** ‘Sotos syndrome(cerebral gigantism syndrome)- A case report’ at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar. 1, 2010.
15. Mohammed Jaseem, Prakash Saldanha, Anitha Prabhu, Manjula Shantaram. **Poster presentation** ‘Noonan’s syndrome- A case report’ at the 3rd International conference of Genetic and

- Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar.1, 2010.
16. Mariam Z. Husain, Prakash Saldanha, Anitha Prabhu, Manjula Shantaram. **Poster presentation** ‘Duplication 4p syndrome- A case report’ at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar.1, 2010.
 17. Jassim Mohamad Vattuvara, Prakash Saldanha, Anitha Prabhu, Manjula Shantaram. **Poster presentation** ‘Tuberous Sclerosis- A case report’ at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar.1, 2010.
 18. Ashwini Shetty, Prakash Saldanha, Anitha Prabhu, Manjula Shantaram. **Poster presentation** ‘Escobar syndrome-A case report’ at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb 27 - Mar 1, 2010.
 19. G.Mega, B. Bhagya, Manjula Shantaram. **Poster presentation** “Nutrigenomics- A new perspective to better health” at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb 27 - Mar 1, 2010.
 20. Jasmine Sara Abraham, B. Bhagya, Manjula Shantaram. **Poster presentation**- “Chromosomal abnormalities and genetic counseling” at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb 27 - Mar 1, 2010.
 21. K. A. Ajith Kumar, Vidya Bernhardt, Janita Pinto, Manjula Shantaram, Prashantha Naik, M. Krishnamoorthy. **Poster presentation**- “A study on malathion induced oxidative stress and protective effect of Vitamin-E and spirulina in human leucocytes *in vitro*”. at the 3rd International conference of Genetic and Molecular Diagnosis in Modern Medicine and Biology, held at Yenepoya University Campus, Mangalore in Feb. 27 – Mar. 1, 2010.
 22. Vidya Bernhardt, Janita D’ Souza, Manjula Shantaram **Oral Presentation** “Innate immunity, ischemic heart disease in type 2 DM patients - Can Immunomodulatory potential of herbal medicines decrease the cardiac events?” 1st National Conference of Society of Biological Scientists of India, SOBSICON 2011, Muzaffarnagar Medical College, Muzaffarnagar, U.P. 11th to 13th March 2011.
 23. Bindhu.S, Nerli RB, Patil Prakash V, Manjula Shantaram. **Poster presentation** - “Hypospadias and vegetarian diets” at SOBSICON 2011 at Muzaffarnagar from 11 to 13 March 2011.
 24. Ashwini S Shetty, Ramakrishna Avadhani, Mahesha, Manjula Shantaram, Bhagya B. **Poster presentation**- “Morphometry of vertebral body and posterior element of thoracic and lumbar vertebrae” at SOBSICON 2011 in Muzaffarnagar from 11 to 13 March 2011.
 25. Manjula Shantaram, Vidya Bernhardt, Janita D’Souza. **Oral presentation**- “Bacterial fermentation as a metabolic engineering technique: Enhancement of properties of *Curcuma longa*” from 11 to 13 Nov. 2011, at Indian Association of Biomedical Scientists (IABMS) 2011 at Panjab University, in Chandigarh.
 26. Geetha Bhaktha, Manjula Shantaram, Shivananda Nayak **Oral Presentation** “Cumulative Role of Phytochemicals of *Trigonella foenum graecum* in management of newly diagnosed type 2 diabetes” from 11 to 13 Nov. 2011, at Indian Association of Biomedical Scientists (IABMS) Annual National Conference 2011 at Panjab University, in Chandigarh.
 27. Vidya Bernhardt, Janita D’Souza, Manjula Shantaram. **Oral presentation** “C3, IgG Opsonization and Neutrophil Functions to Predict Treatment Efficacy in Foot Ulcers of Patients with Type2 Diabetes Mellitus” from 27th to 29th January 2012 at SOBSICON 2012 at Himalayan Institute of Medical Sciences, Jolly Grant, Dehradun, Uttarakhand.
 28. Geetha Bhaktha, Manjula Shantaram, Shivananda Nayak. **Poster presentation** “Is HbA1c a risk factor for type 2 diabetic subjects without macro and micro vascular complications?” from 27th to 29th January 2012 at SOBSICON 2012 at Himalayan Institute of Medical Sciences, Jolly Grant, Dehradun, Uttarakhand.

29. Ashwini S Shetty, Ramkrishna Avadhani, Mahesha B, Manjula Shantaram. **Poster presentation** “Anatomy of the thoracic pedicle in relation to the pedicle screw fixation -a cadaveric study” from 27th to 29th January 2012 at SOBSICON 2012 at Himalayan Institute of Medical Sciences, Jolly Grant, Dehradun, Uttarakhand.
30. Maviya Abdul Aziz, Geetha Bhakta, Manjula Shantaram. **Poster presentation** “Evaluation of Urinary 6- Hydroxymethylpterin in Malignancies” on 2nd to 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
31. Roopa Sebastian, Shivarajashankara Y.M., Manjula Shantaram, Shivashankara A.R, Allwyn Joshua. **Oral presentation:** “Salivary and Serum Total Antioxidant Status in Chronic Generalized Periodontitis – A Comparative Study”. on 2nd to 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
32. Maji Jose, Manjula Shantaram, Ipe Verghese. **Poster presentation.** “Indigenous plants as chemopreventive agents to fight against tobacco related cancer” on 2nd to 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
33. I.Venkatkrishna Rao, Vidya Pai, Kishore G. Bhat, Sunil Rao Padmaraj, **Manjula Shantaram.** **Oral presentation** “Vancomycin susceptibility pattern of *Staphylococcus aureus* isolates in a setting with low vancomycin usage” from 2nd to 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
34. Bhaskaran Nair T, G. Kishore Bhat, Manjula Shantaram. **Oral presentation:** “*In vitro* biofilm production and antibiotic resistance among uropathogenic *E. coli*.” from 2nd to 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
35. Shaistah Shafy, Rifna Fatimah and Manjula Shantaram. **Poster presentation:** “Issue of e-waste in the hospital setting and its ways of disposal” in ISHWAMCON 2012 at Yenepoya University on 1st and 2nd Dec. 2012.
36. Shaistah Shafy, Shruti Kumta, Manjula Shantaram. **Poster presentation:** “A study to compare Erythrocyte Sedimentation Rate Using Sodium Citrate and EDTA” in a national conference of SOBSICON 2013 at Kanchipuram organized by Karpaga Vinayaga Institute of Medical Sciences, from 4th to 6th Jan. 2013. **Second best poster award received.**
37. G.Monisha, Hebatullah Mushtaq, Prarthana RK, Mamatha K, Manjula Shantaram. **Poster presentation:** “A study of Adenosine Deaminase Activity in Pulmonary Tuberculosis” in a national conference of SOBSICON 2013 at Kanchipuram organized by Karpaga Vinayaga Institute of Medical Sciences, from 4th to 6th Jan. 2013. **First best poster award received.**
38. Sanketh Bhat, Abu Sabah Abubaker, Anusha MS, Chethana, Manjula Shantaram. **Poster presentation:** “Serum Adenosine Deaminase activity in Type 2 Diabetes Mellitus” in a national conference of SOBSICON 2013 at Kanchipuram organized by Karpaga Vinayaga Institute of Medical Sciences, from 4th to 6th Jan. 2013.
39. Vidya Bernhardt, Janita D’Souza, Manjula Shantaram– **Oral presentation:** “Superoxide Dismutase (SOD) Gene expression and Neutrophil functions in Cord Blood as Predictors for Neonatal Sepsis” in a national conference of SOBSICON 2013 at Kanchipuram organized by Karpaga Vinayaga Institute of Medical Sciences, from 4th to 6th Jan. 2013. **Best oral presentation award received in faculty session.**
40. Grisilda Vidya Bernhardt, Janita D’Souza, Mohammed Mushtaq, Shabana Zainab, Manjula Shantaram. **Oral presentation:** “Cord blood neutrophil respiratory burst may mark early neonatal immune deficiency: Correlation with maternal and cord blood hemoglobin and ferritin” in a National Seminar on Biomarkers, at MES Medical College, Perinthalmanna jointly organized with ACBI Kerala chapter on 8th and 9th June 2013 and the southern Zone conference of ACBI. Got best paper presentation award.
41. Grisilda Vidya Bernhardt, Janita D’Souza, Shabana Zainab, Mohammed Mushtaq, Manjula Shantaram. **Poster presentation:** “Markers of inflammation in obese pregnant women: Adenosine Deaminase

(ADA) and High sensitive C-reactive protein (hsCRP)” in a national Seminar on Biomarkers, at MES Medical College, Perinthalmanna jointly organized with ACBI Kerala chapter on 8th and 9th June 2013 and the southern Zone conference of ACBI.

42. Chetana Shenoy, Manjula Shantaram, Sharanya K, Neevan DR D’Souza, Manjunath Shenoy M. **Oral presentation**: “Serum Lipid Bound Sialic Acid in psoriasis and its correlation with disease severity” South Regional Conference of ACBI from 22 to 24 May 2014, at KMC Mangalore.
43. Roopa Sebastian, Shivarajashankara Y.M, Manjula Shantaram, Shivashankara A.R, Dayakar M.M, Allwyn Joshua.S. **Poster presentation** “Salivary free and protein bound sialic acid and L-fucose levels in chronic periodontitis” in South Regional Conference of ACBI from 22 to 24 May 2014, at KMC Mangalore.
44. Balakrishna Shetty, Manjula Shantaram, Manjunath N.K. **Oral Presentation** “Effect of Naturopathic fasting therapy on hematological indices and serum lipid profile in healthy individuals” on 12th Dec. 2014 in the International Conference on Yoga & Naturopathy – 2014 from 12th to 14th Dec. 2014 at SDM College of Naturopathy & Yogic Sciences & Hospital, Ujire, Karnataka, India. **Received best paper award.**
45. Maji Jose, Ipe Varghese, Manjula Shantaram. **Poster presentation**. “Analysis of cytotoxic effects of selected smokeless tobacco products” in Asian Oncology Summit, from 10th to 12th April 2015 at Shanghai, China, organized by Elsevier.
46. Chetana Shenoy, Manjunath Shenoy M, Manjula Shantaram. **Oral presentation**. “Leptin and Adiponectin as predictors of Metabolic Syndrome in Psoriasis: A Case-control Study” from 26th -28th Nov. 2015 in ACBICON 2015, 42nd National conference at Chandigarh. **Received travel fellowship award.**
47. Balakrishna Shetty, Geetha B Shetty, Manjula Shantaram. **Oral presentation**. “Effect of integrated yogic practices on body composition, serum lipid profile and oxidative stress status in obese adults”. 5th January 2016 in the International conference held at S-VYASA Yoga University, Bangalore.
48. Pratap G.K. and Manjula Shantaram. **Oral presentation**. “Use of traditional medicinal plants in the treatment of diseases in humans and cattle in Arasikere hobli of Harapanahalli taluk, Davangere district”. 4th and 5th November 2016, National Seminar at Davanagere University organized by the Biotechnology department on Frontier Research in Diversity and Taxonomy of Medicinal Plants.
49. Balakrishna Shetty, Geetha B. Shetty, Manjula Shantaram, Manjunath N.K. **Oral presentation** on “Effect of Integrated Yogic Practices on Body Composition, Serum Lipid Profile and Oxidative Stress Status in Obese Adults” in SOBSICON 2016 6th National conference from 17th to 19th Nov. 2016 at LLRM, Meerut, UP organized by the Dept. of Biochemistry, LLRM and SOBSI, Meerut.
50. Suresh Babu T.V., Manjula Shantaram, Ashwini S., Saritha. **Oral presentation** “Pre-Marital Prevalence and Screening Tests of Heterozygous β -Thalassemia among Dakshina Kannada Population” in SOBSICON 2016 6th National conference from 17th to 19th Nov. 2016 at LLRM, Meerut, UP organized by the Dept. of Biochemistry, LLRM and SOBSI, Meerut.
51. Ashwini S., Manjula Shantaram, Suresh Babu T V, Saritha. **Oral presentation** “Ocean vegetable, a sustainable gift that shows anticancer activity against HeLa Cell Lines – Seaweeds”. in SOBSICON 2016 6th National conference from 17th to 19th Nov. 2016 at LLRM, Meerut, UP organized by the Dept. of Biochemistry, LLRM and SOBSI, Meerut.
52. Balakrishna Shetty, Geetha B. Shetty, Manjula Shantaram, Manjunath N.K. **Poster presentation** “Effect of integrated yogic practices on serum lipid profile and oxidative stress status in obese adults” in ACBICON 2016 43rd National conference from 12th to 15th Dec. 2016 at TMA Pai Convention hall, organized by the Dept. of Biochemistry, KMC, Manipal University, Mangaluru.
53. Ashwini S., Manjula Shantaram. **Poster presentation** “Seaweed-Nature's secret to balance your metabolism with rich nutritional aspects and fight diseases” in ACBICON 2016 43rd National conference from 12th to 15th Dec. 2016 at TMA Pai Convention hall, organized by the Dept. of Biochemistry, KMC, Manipal University, Mangaluru.

54. Saritha, Manjula Shantaram. **Poster presentation** “A study of lipid profile in saliva and serum of type 2 diabetes” in ACBICON 2016 43rd National conference from 12th to 15th Dec. 2016 at TMA Pai Convention hall, organized by the Dept. of Biochemistry, KMC, Manipal University, Mangaluru.
55. Chetana Shenoy, Manjunath Shenoy M, Manjula Shantaram. **Poster presentation**. “C-reactive protein as a predictor of metabolic syndrome in psoriasis: a case-control study”. in ACBICON 2016 43rd National conference from 12th to 15th Dec. 2016 at TMA Pai Convention hall, organized by the Dept. of Biochemistry, KMC, Manipal University, Mangaluru.
56. Ashwini S, Manjula Shantaram. **Oral presentation**. “A Study on the Ethanolic Extracts of Red Seaweed- *Gracilaria corticata*, to Assess the Antiproliferative Activity and Morphological Characterization of Apoptosis on HeLa Cell lines”. Award paper to KV Rao foundation, presented on 25th March 2017 at Hyderabad.
57. Manikumar Bollapragada, Manjula Shantaram. **Poster presentation**. “Phytochemical analysis and Anti-obesity effects through Inhibition of Pancreatic Lipase Activity of Medicinal Plants of Western Ghats, Southern India”. International conference on Recent trends in Agriculture, Biotechnology and food processing hosted by University of Agricultural Sciences Bangalore (GKVK) at Hassan from 5th to 7th July 2017.
58. Suresh Babu TV and Manjula Shantaram. **Poster presentation** “ β -Thalassemia Carrier Pre-Marital Prevalence in Females and Males among Dakshina Kannada Population” at National conference of Indian National Congress held at Mangalore University campus on 8th and 9th Sept. 2017.
59. Saritha Harish and Manjula Shantaram. **Poster presentation** “A Comparative and Correlative Study between Blood, Salivary Glucose Concentration and Blood HbA1c% in Non-Diabetics and Patients with Type 2 Diabetes” at Pre-conference of Indian congress at Mangalore University campus on 8th and 9th Sept. 2017.
60. Manikumar Bollapragada and Manjula Shantaram. **Poster presentation** “Evaluation of Anti-Obesity Properties from three Different Plant Sources as a Strategy to treat Obesity” at Pre-conference of Indian congress held at Mangalore University campus on 8th and 9th Sept. 2017.
61. Asha Prabhu, Manjula Shantaram, H.P. Kedilaya. **Poster presentation**. “Dietary Profile of Vegetarian and Fish Eating Population of Coastal Region of Dakshina Kannada” at Pre-conference of Indian congress held at Mangalore University campus on 8th and 9th Sept. 2017.
62. Ali Mohammed Abdullah Bawazir and Manjula Shantaram. **Poster presentation**. “A comparative inhibition study of actinomycetes against pathogenic bacteria using agar disc diffusion and agar well diffusion methods” at Indian Congress held at Mangalore University campus on 8th and 9th Sept. 2017.
63. Ali Mohammed Abdullah Bawazir and Manjula Shantaram. **Poster presentation**. “Biodiversity and distribution of actinomycetes from Hadhramout- Yemen influenced by Physico-chemical properties of environment” at BNP-HC 2017, National conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th & 7th Oct. 2017.
64. Asha Prabhu, Manjula Shantaram, H.P. Kedilaya. **Poster presentation**. “Influence of fish consumption on oxidant status and C - reactive protein (hs-CRP): A comparative study among fish-consuming and vegetarian subject” at BNP-HC 2017, national conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th & 7th Oct. 2017.
65. Ashwini S, Kiran H R and Manjula Shantaram. **Poster presentation**. “Comparative analysis of antioxidants from *Acacia* species” at BNPHC 2017, National Conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th and 7th October 2017.
66. Suresh Babu T V and Manjula Shantaram. **Oral presentation**. “Heterozygous β -Thalassemia Pre-Nuptial Prevalence in Male and Female population of Kodagu” at BNPHC 2017, National Conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th and 7th October 2017.
67. Pratap G K, Ashwini S, Suresh Babu T V, Ali Mohammed Abdullah Bawazir, Manjula Shantaram. **Poster presentation**. “Preliminary antimicrobial and antifungal activity of different solvent extracts of or from leaves of *Olea dioica* Roxb collected from Western Ghats, Karnataka, India” at BNPHC 2017,

National Conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th and 7th October 2017.

68. Kashma N B, Aishwarya K B, Ashwitha K P, Ali Mohammed Abdulla Bawazir, Manjula Shantharam. **Poster presentation.** “Qualitative analysis of different water samples in and around Post Graduate Centre, Chikka Aluvara” at BNPHC 2017, National Conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th and 7th October 2017.
69. Saritha Harish and Manjula Shantaram. **Poster presentation.** “A correlative study between serum and salivary lipid profile and glucose level in healthy and type 2 diabetic patients” at BNPHC 2017, National Conference held at DOS in Biochemistry, PG Centre, Chikka Aluvara on 6th and 7th October 2017.
70. Pratap GK and Manjula Shantaram. **Poster presentation.** “Estimation of Total Phenolics and their Antioxidant Capacity of *Olea Dioica Roxb*” at a National seminar held on 28th March 2018 at AVK College for Women, Hassan organized by the Dept. of Botany.
71. Varsha Jayakar, Vinayak Lokapur, Srinivasa K., Manjula Shantaram. **Poster presentation** in International Conference in Radiation Biology on 5th Oct. 2018 at Nitte University, Mangalore on “A perception of radiation effects among the individuals at Jnana Kaveri campus – A Survey”.
72. Maji Jose and Manjula Shantaram. **Invited talk.** “A scientific validation of indigenous oral health and hygiene practices” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
73. Raghavendra HL, Vadlapudi Kumar, Manjula Shantaram, Calderon IMP, Rudge MV and Barbosa AMP. **Oral presentation.** “Antidiabetic and antioxidant activity of *Rubus steudneri Schweinf.* and *Rubus apetalus Poir.* leaf extract on alloxan induced diabetes mellitus” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
74. Balakrishna Shetty, Manjula Shantaram, Geetha B. Shetty. **Oral presentation.** “Effect of yogic intervention on serum lipid profile and oxidative stress in obese adults” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
75. Pratap G.K., & Manjula Shantaram. **Oral presentation.** “COM1 compound has a neuroprotective role against acrylamide-induced neurotoxicity in wild type *D. melanogaster* (Oregon K)” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
76. Ali Mohammed Abdullah Bawazir & Manjula Shantaram. **Oral presentation.** “Potency of actinomycetes against multidrug resistant bacteria” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
77. Ashwini S., and Manjula Shantaram. **Poster presentation.** “Screening of population and extraction of biocompounds from *Coccinia indica* an important antidiabetic, anticancerous and hypolipidemic medicinal plant of tropics- A review” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
78. Manikumar Bollapragada and Manjula Shantaram. **Poster presentation.** “Preliminary phytochemical screening, quantitative analysis of phenolics and in vitro antioxidant activity of medicinal crude plant extracts” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
79. Saritha Harish and Manjula Shantaram. **Poster presentation.** “Salivary biomarkers for diagnosing renal functions: A Correlative Study” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
80. Varsha Jayakar & Manjula Shantaram. **Poster presentation.** “A review on stem cells of umbilical cord blood” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
81. Vinayak Lokapur & Manjula Shantaram. **Poster presentation.** “A review on small cell and non-small cell lung cancer: benefits and harms of treating NSCLC” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.

82. Srinivasa K., & Manjula Shantaram. **Poster presentation.** “A review on medicinal plants and phytochemicals for stomach ulcer” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
83. Amrutha S., and Manjula Shantaram. **Poster presentation.** “Review on Catharanthus roseus: a miraculous medicinal plant” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
84. Chethan M.U., Shalini H.R., N. Monisha, Dhananjaya N.A., Mallesh D., Poojith P.S., & Manjula Shantaram. **Poster presentation.** “A review on medicinal importance of *Clerodendrum aculatum*” in the 39th IABMS Annual Summit and International Conference from 15th to 17th Nov. 2018 at Jnana Kaveri, PG Centre, Mangalore University, Chikka Aluvara.
85. Pratap G.K., Manjula Shantaram. **Poster presentation.** “Synthesis of Silver Nanoparticles (AgNPs) using *Olea dioica* Roxb. Leaf Extract and its Biological Activity”. In the national conference on the ‘Recent Advances in Material Science’ by Chemistry Dept., of FMKMC College on 5th Feb. 2019 organized by Dr. Manjunatha J.G.
86. Ali Mohammed Abdullah Bawazir, Manjula Shantaram. **Oral presentation.** “The Enzyme Activity of Actinomycetes Isolated from Dam Soils” In the national conference on the ‘Recent Advances in Material Science’ by Chemistry Dept., of FMKMC College on 5th Feb. 2019 organized by Dr. Manjunatha J.G.
87. Pratap GK, Manjula Shantaram. **Poster presentation.** “MS-1 Bio-active Compound shows anti-Acetylcholinesterase activity in Bio-autography method in Alzheimer’s disease model of APPL/GAL-4 *Drosophila melanogaster*”. National Symposium on “Emerging Trends and Challenges in Life Sciences” organized by Dept., of Biochemistry, Davangere University on 26th & 27th April 2019. **Secured 3rd place for best poster award.**
88. Ali Mohammed Abdullah Bawazir, Manjula Shantaram. **Oral presentation.** “Antimicrobial Potential of *Nocardia kroppenstedtii* (DS-2) Isolated from Dam Soil of Hadhramout-Yemen” International Conference on Impact of Innovations in Science and Technology for Societal Development (IISTSD-2019) jointly organized by Kongunadu Arts and Science College and Faculty of Technology, Mahasarakham University, Thailand during 19th – 21st Sep 2019 will be held at Kongunadu Arts and Science College, Coimbatore, Tamil Nadu, India.
89. Ali Mohammed Abdullah Bawazir, Manjula Shantaram. **Oral presentation.** “A study on bioactive actinomycetes isolated from Hadhramout, Yemen” National Conference on Phytochemicals and Microbial Bioactive Compounds - Role in Agriculture and Human welfare, 3- 4 Oct., 2019, Department, of Microbiology and Biotechnology, Bangalore University, Bengaluru-560056, Karnataka, India.
90. Pratap G.K. and Manjula Shantaram. **Oral presentation** Given oral presentation on “PGK-1 Bioactive compound as potential inhibitors of Acetylcholinesterase and molecular docking Studies” in 40th National Conference of Indian Association of Biomedical Scientists organized by Department of Physiology, Chettinad Academy of Research and Education at Kelambakkam, Tamilnadu on 1st Nov.2019.
91. Srinivasa K. and Manjula Shantaram. **Poster presentation on** “Screening of phytochemical and antioxidant activity of leaf extracts from two important medicinal plants of Western Ghat region” in 40th National Conference of Indian Association of Biomedical Scientists organized by Department of Physiology, Chettinad Academy of Research and Education at Kelambakkam, Tamilnadu on 1st Nov.2019.
92. Varsha Jayakar and Manjula Shantaram. **Poster presentation on** “Evaluation of free radical Scavenging in different leaf extracts of *Garcinia cambogia* and *Garcinia indica*” in 40th National Conference of Indian Association of Biomedical Scientists organized by Department of Physiology, Chettinad Academy of Research and Education at Kelambakkam, Tamilnadu on 1st Nov.2019.
93. Vinayak Lokapur and Manjula Shantaram. **Poster presentation** “Physicochemical evaluation, preliminary phytochemical investigation and *in-vitro* antioxidant activity of selected endemic plants of Western Ghats” in 40th National Conference of Indian Association of Biomedical Scientists organized by Department of Physiology, Chettinad Academy of Research and Education at Kelambakkam, Tamilnadu on 1st Nov.2019.

CONFERENCES ATTENDED:

International

1. International Genetic Conference on GMDMM 2011 at St. John's, Bangalore on 29 & 30 Jan. 2011.
2. Participated in two days' international conference on Radiation biology and Clinical Applications organized by KSHEMA at Nitte University from 25th to 27th Oct. 2013, Mangalore.

National

1. Frontier Lectures in Modern Biology, At Dept. of PG Studies and Research in Biosciences, Mangalagangothri, Dec. 1999.
3. Cancer Biochemistry Update, Kidwai Memorial Institute of Oncology & ACBI Bangalore chapter, Bangalore Nov. 2000.
4. National Symposium on "Problems & prospects of Environment in the new millennium" Dept. of Biosciences, Mangalore University, Dec, 2000.
5. International Conference on Medical Education and Technology, Hyderabad, Jan. 2002.
6. 31st Annual Conference of ACBI, at JNMC, Belgaum, Dec. 2004.
7. National Conference on 'Genetics in Prenatal & Pediatric Practice' at Trivandrum 18 & 19 July 2009.
8. Participated in a CME "Frontier lectures in Neuroanatomy" organized by Anatomy Dept. of YMC on 10 Aug., 2009.
9. National Conference on "Safety and Quality Aspects in Hospitals" at Yenepoya University, on 5 and 6 Feb. '2011.
10. Participated in the regional conference organized by the Dept of Pediatric Nursing of Yenepoya Nursing College on 28th Sept. 2013 on Integrated management of Neonatal and Childhood illnesses, 'Achieving Child Survival'.

Invited / plenary talks delivered (list) (if applicable):

1. **Invited** Speaker in CME on Ophthalmology "Diabetes and Eye", YMC, Mangalore, to speak on "Biochemistry of Diabetes Mellitus" 17th Dec. '06.
2. Invited as a **chief guest** to inaugurate "Computational & Structural Biology" two days' work shop on 26 March 2012 at St. Aloysius College, Beeri. Spoke for 20 minutes on "Importance of computers in Medicine".
3. Manjula Shantaram, Geetha Bhaktha. **Invited talk on** "Assessment of urinary calcium in cancer patients" on 3rd November 2012 at Nitte University at 33rd Conference of IABMS and International Symposium.
4. Delivered an **invited lecture** at a CME organized by Dermatology Dept. of KMC, Manipal on 3rd March 2013 on "Diet in Dermatology", I spoke on "Cholesterol and Triglyceride Metabolism Simplified".
5. Maji Jose, Vengal Ipe Varghese, Manjula Shantaram. **Invited talk** 24th and 25th July 2018, Lead speaker in a workshop about Areca nut and Human Health ICAR- CPCRI at Kasaragod, title "Areca nut husk and its protective effect on the tobacco induced cultured human oral mucosal cells".
6. **Resource Person, RIE Mysore-** Inter University Centre for Teacher Education, Regional Institute of Education, Mysore, 16th Oct. 2019. Delivered a lecture on "Experiential learning".

Impact of publications in terms of:

h-index: **11**. i10 index: **13**. Citation index: **431**

Conferences / Seminars / Workshops / Symposia organized:

2. Organizing Secretary to establish Mangalore Chapter of Association of Clinical Biochemists of India (ACBI) at YMDC Campus on 20th March '05.
 3. Organized & participated in CME on “Applications of PCR in Medicine” conducted by YMC & YRC at YMC academic block, on 26th Feb. '08.
 4. Organized and Participated in Workshop on “Research Methodology” conducted by Yenepoya Research Centre and Yenepoya University at YMC Academic block, on 16th Oct. '08.
 5. Organized YMK oration by Dr. Satish M. Totey on 3 March 2009 on “Stem Cell Research”.
 6. Organized a guest lecture on “Synthetic Lethality” by Dr. Sajesh Velayudhan Babu, A PDF from Canada on 20 May '09 under the auspices of Dept. of Biochemistry, YMC.
 7. Organized a guest lecture on “Intellectual property rights, copyrights law and patenting” by Mr. K. Radhakrishnan Nair, Advocate on 15 June '09 under the auspices of UIIC, YU.
 8. Organized a guest lecture on “Global Warming” by Prof. K. J. Rao, Professor Emiretus & Senior Ramanna Fellow on 12 Sept. '09 under the auspices of UIIC, YU.
 9. Organized a guest lecture on “Distance Education Programme- Its importance and relevance” by Prof. S. A. Bari, Director of Directorate of Distance Education, Kuvempu University, Shankarghatta, Jnana Sahyadri on 24 Sept. '09 under the auspices of UIIC, YU.
 10. Organized a guest lecture on “Chandrayaan I Mission” by Prof. Shivakumar S.K., Director ISTRAC, ISRO, Bangalore on 26 Nov. '09 under the auspices of UIIC, YU.
 11. Organized a guest lecture on “Tissue Injury and Repair” by Prof. Harihara M. Mehendale, Director, Graduate Studies and Training Program in Toxicology, The University of Louisiana at Monroe, USA on 10 Dec. '09 under the auspices of UIIC, YU.
 12. Organized a presentation on “Technology Consultancy: Initiatives and Support Services” by Mr. N. G. Lakshminarayan, Manager, National Research Development Corporation (A Govt. of India Enterprise) on 16 Dec. 2009 under the auspices of UIIC, YU.
11. **Organized International Genetic Conference GMDMMB 2010** on “Genetic and Molecular Diagnosis in Modern Medicine and Biology” for **3 days** from 27th Feb. to 1st March 2010 at Yenepoya University. 400 delegates registered, 31 invited guest speakers delivered lectures, 128 abstracts received from delegates. One-day workshop was also held on 26th Feb. 2010.
 12. **Organized a National Conference SOBSICON 2014** jointly with Mangalore University, Yenepoya University and SOBSI (Society of Biological Scientists of India) with **one-day** Pre-Conference Workshop at Mangalore University (175 participants); 5 resource persons and **3 days'** conference at Yenepoya University, attended by 300 delegates, 138 abstracts received and 11 invited guest speakers from 17th to 20th Nov. 2014.
 13. **Organized GIAN** program on “Lung inflammation & Respiratory Diseases” by Foreign faculty, Prof. Vijay Boggaram of Texas University. Conducted GIAN (Global Initiative for Academic Network) course from 6th Nov. to 11th Nov. 2017 successfully with 18 participants.
 14. **Organized 39th IABMS Annual Summit and International Conference** at Jnana Kaveri, PG Centre, Chikka Aluvara. Dr. Sarada Subramaniam Memorial Pre-Conference Workshop was held on 15th Nov. 2018 (63 participants); 4 resource persons and two days' conference, registered by 265 delegates, 51 oral presentations & 97 poster presentations (148 abstracts) received and 54 renowned invited speakers from 15th to 17th Nov. 2018.

Awards / Fellowship / Recognition (Specify) (if applicable):

1. **Fellow** of Academy of General Education (**FAGE**), Manipal 12th **Aug. 2008**
2. **Fellowship** title (**FABMS**) of Indian Association of Biomedical Scientists, Chennai 12th **Dec. 2008**
3. **Chief Advisor** of Journal of Advance Researches in Biological Sciences (JARBS) in Nov. 2012.
4. **Best oral presentation award** received at **SOBSICON 2013** on 6th Jan. 2013 at Karpaga Vinayaga

Institute of Medical Sciences, Kanchipuram, Tamil Nadu.

5. **Deputy Director** for University Industry Interaction Centre since 1 April 2009 till Dec. 2013
6. **Vice President** of Society of Biological Society of India (SOBSI) from 6 Jan. 2013 till 17th Nov. 2014.
7. **President** of SOBSI from 18th November 2014 till 27th Nov. 2015.
8. **Fellowship title** of SOMSI (Society of Medical Scientists of India) was awarded during SOBSICON 2016 conference on 17th Nov. **2016** at LLRM Medical College, Meerut, UP.
9. **Editor –in- Chief** of International Journal of Health and Rehabilitation Sciences (IJHRS) – online, open access peer reviewed journal launched on 17th July 2012 till 31st Dec. 2014.
10. **Editor-in Chief of Biomedicine**, National Journal of Indian Association of Biomedical Scientists (IABMS) since 17th Nov 2018 to Nov. 2021.

Membership of Professional Bodies:

1. **Member** of Neurological Society of India, **1991(SA 019)**
2. **Life member** of Indian Association of Biomedical Scientists, **1998 (L 292)**
3. **Life member** of Association of Clinical Biochemists of India, **2002 (LM 2406), ID 1334**
4. **Member** of Indian Society of Toxicology, **2007 (51/Misc/AM07)**
5. **Member** of American Chemical Society, Washington, USA since 5 **May '09, No. 30059110**
6. **Life member** of Society of Biological Scientists of India **Oct.2009 (LM70/3 Nov. 09)**
7. **Executive Committee member** of Society of Biological Scientists of India from Karnataka state March 2011.

Any other Information:

1. Passed Joint **CSIR-UGC national level examination for lectureship** in '89.
2. **Worked for two projects: Biochemistry Core Tutorial Series and Biology Core Tutorial Series for US college students** at the self-paced e-learning environment (**360 e-Solutions, Yorba Linda, California**) Aug. '05 to March '06.
3. **Post-doctoral Fellow** Dr. Yasser Hussain Eissa Mohammed, a Yemeni national joined under my guidance on 20th Feb. 2019.
4. **RTF-DCS DST -FICCI fellowship** for Mr. Ella Fils Armand from Cameroon joined under me on 18th March 2019 and worked till 18th Sept. 2019 for 6 months.