

DR. JALAJA KUMARI. D BIO-DATA

Dr. JALAJA KUMARI. D

M.Sc.,M.Phil., Ph.D, M.Sc (Yoga).

W/o. Dr . B. Sri Hari Krishna, Diabetologist,
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Full Name : **Dr. JALAJA KUMARI. DIVI**
Date of birth : 09-08-1974
Community : OC
Nationality : Indian

EDUCATIONAL QUALIFICATIONS:

Degree	Degree Passed	Year of Passing	Class	Percentage of marks	Name of the University
Under graduation	B.Sc	1996	Second	59.7%	Nagarjuna University
Post graduation	M.Sc Foods and Nutritional Sciences	2005	First	71.7%	Acharya Nagarjuna University
Post Graduation	M.Sc Yoga	2017	First	70.2%	Annamalai University

RESEARCH QUALIFICATIONS:

Research Degree Passed	Year of Passing	Grade (if any)	Percentage of marks	Name of the University	Specialization & title of the thesis
M.Phil Food and Nutrition	2005-2007	First	76%	Mother Teresa Women's University	Prevalence of Hypertension in women of different ages (20-0yrs) and dietary measures to control it both in normo and hypertensives.
Ph.D Education	2012			Acharya Nagarjuna University	Studies on the antidiabetic activity of aqueous extract of the cynobacterium <i>spirulina platensis</i> in streptozotocin induced type II diabetes in rats.

WORK / TEACHING EXPERIENCE:

- ◆ Presently working as Teaching faculty at the Department of Foods and Nutritional Science, Acharya Nagarjuna University (2006 to till date).
- ◆ Presently working as Clinical Dietitian at Sraddha Hospital, Guntur.
- ◆ Worked as Dietitian at Amaravathi Institute of Medical Sciences, Guntur.

MEMBERSHIP IN PROFESSIONAL ASSOCIATION:

- ◆ Life member in Indian Science Congress Association (ISCA), Kolkata.
- ◆ Life member in Nutrition society of India, National Institute of Nutrition (NIN), Hyderabad.
- ◆ Life member in Indian Dietetic Association (A.P. chapter), National Institute of Nutrition, Hyderabad.
- ◆ Member of “**Board of studies**” in Applied nutrition of Sri Durga Malleswara Siddhartha mahila kalasala, Vijayawada.
- ◆ Member, Editorial Board of the **IMRF Research Journals**.

Additional Qualifications:

- ◆ Certificate Course in Diabetic Education in Indian Association of Diabetes Education.
- ◆ Training Course in “Domestic Preservation of Fruits and Vegetables and Nutrition” in Government College for Women, Guntur.
- ◆ PG Diploma in Computer Applications (PGDCA) in Andhra Pradesh Electronics Development Corporation Limited (APEL), Hyderabad.
- ◆ National cadet corps-C (NCC-C) in 2 Andhra Girls (T) Coy NCC, Guntur.
- ◆ Presided and delivered Guest lectures in various awareness programmes.

PAPER PUBLICATIONS

S. No	Title	Name of the Journal and ISSN/ISBN Number, Month and Year	Impact Factor
1.	Prevalence of hypertension in women of different age groups of Guntur city	Ind J Nutr Dietet. 45: 344-350 (ISSN. 0022-3174).	
2	Prevalence and nutritional profile of obese adolescent girls (13-18 years) of Guntur city.	J Curr Sci., 14(1): 283-289, 2009. ISSN:2320-5741	1.102
3	Assessment of growth and nutritional status of school going children (6-12 years) in urban slums of Guntur city	J Ult Sci Phys Sci., 21(2): 435-442, 2009. ISSN (print) 2231-3478	2.85
4	Health and nutritional status of rural teenage pregnant girls and prevalence of low birth weight.	Ind J Nutr Dietet, 46, 246-251, 2009. (ISSN. 0022-3174).	
5	Prevalence and Nutritional status of Pre-Gestational and Gestational Diabetes in Guntur	Asian J Home Sci., 4(2): 322-326, 2009 (ISSN : 0973-4732).	1.90
6	Nutrition growth and development – effect of gender bias on health.	The women her vision, 118-133. 2009	

7.	Nutritional status and dietary pattern of Rural and Urban women in Guntur.	ANU J Natural Sci. 2: 85-93. 2009 (0975-9573)	
8.	Prevalence and risk factors of Osteoporosis.	Agrobios, 8(12): 22-23, 2010. ISSN:0792-7027	
9.	Role of Body Mass Index, Physical activity and Nutrients in Cholelithiasis in Guntur, Andhra Pradesh.	J Hum Ecol., 31 (3): 151-155, 2010.ISSN: 0970-9274	2.728
10.	Hypoglycaemic effect of moringa oleifera and Azadirachta indica in type-II Diabetes Mellitus.	The Bioscan., 5 (2): 211-214. 2010.ISSN: 0973-7049	0.91
11.	Ameliorative potential of aqueous cell extract of Spirulina platensis on Diabetes associated metabolic alterations.	The Bioscan., 5 (3): 487-489, 2010. ISSN: 0973-7049	0.91
12.	Anthropometric and Nutritional profile of selected volleyball players in Guntur.	A.N.U. Journal of Edu, 2 (1): 72-79, 2010.ISSN: 0976-2736	
13.	Prevalence and risk factors for adolescents (13–17 years): overweight and obesity.	Curr Scie.,100(3): 373-377, 2011. ISSN 0011-3891	1.102 6.97 (NAAS Score)
14.	potential health benefits of Spirulina platensis.	PHARMANEST, 2 (2-3): 1-6, 2011. ISSN: 2231-0541	0.76
15.	Anthropometric, dietary intakes and exercise habits of NIDDM in Guntur city.	Int j sci innov disc, 2 (3), 359-365, 2012. ISSN: 2249-5347	
16.	Effect of Nutrition Education on Anthropometric and Blood Glucose Levels of Niddm in Guntur City.	Int. J. Med.Med.Sci., 2(4), 95-99, 2012. ISSN 2167-0404	2.399
17.	Health benefits of polyphenols and prevention of diseases in humans.	Int. J Pharm Res Bio sci., 1(6); 166-189, 2012.ISSN: 2277-8713	GJIF = 4.67
18.	A study on prevalence of micro and macro vascular complications in type 2 diabetes and their risk factors.	Int. J. Sci. Inv.Today., 1(1), 42-52, 2012. ISSN: 2319-5436	
19.	Health Promoting Properties of Phytochemicals.	Int.J.Pharm.Phytopharmacol.Re s., 2(5): 307-311, 2013. ISSN (Print) : 2250-1029	GIF 0.786
20.	Effect of nutrition education programme during pregnancy.	Int. J. MultiDis. Educa. Res.,2, 8(2), 258-272, 2013 ISSN: 2277-7881	8.017
21.	Effect of Amla, an approach towards the control of Diabetes mellitus	Int.J.Curr.Microbiol.App.Sci., 2(9): 103-108, 2013 ISSN: 2319-7692	5.38 (NAAS)
22.	Impact of Dental Fluorosis in school going childrens in Andhra Pradesh. India: An Emperical Analysis	Int. J. MultiDis. Educa. Res.,3.,3(3): 237-248, 2014 ISSN: 2277-7881	8.017

23.	Prevalence of Anemia among adolescent girls in Guntur city of Andhra Pradesh	Life Sciences International Research Journal.,2:64-68, 2015 ISSN: 2347-8691	
24.	Effect of Yoga therapy on type 2 Diabetes mellitus management –A systematic review of controlled trials	Int.J.Edu.Future., 1(4): 161-164, 2016. ISSN: 2394-9902	
25	Dietary behavior and type 2 diabetes care	Int. J. Med.Med.Sci., 9(1), 1-5-, 2019. ISSN 2167-0404	2.399
26	Socioeconomic and nutritional status of Anganwadi Workers in Gunturi District of Andhra Pradesh	J Hum Ecol., 74(1-3) 10-15, 2021. ISSN: 0970-9274	2.728

BOOKS PUBLISHED

S.No	Title of the Book	Publisher	National/ International	ISBN	Year of Publication
1	Nutritional status of diabetics with and without renal complications	LAP LAMBERT Academic Publishing	International	978-3659635915	2014
2	Aqueous extract of Arthrospira platensis in STZ induced DM2 in rats	Scholar's Press	International	9783639711547	2014
3	Prevalence and Menopausal symptoms of women in India	GlobeEdit	International	978-6138240570	2018

Lesson Writer for PG Distance Education study Material Acharya Nagarjuna University

- (a) Contributed lessons for 1st M.Sc Food safety and Quality assurance (9 chapters).
- (b) Contributed lessons for 1st M.Sc Experimental Foods (6 chapters).

PAPERS PRESENTED

S.No	Title	Full Details
1.	Prevalence and Nutritional status of Obesity in Adolescent girls in Guntur City	the National seminar on INDIAN WOMEN: CHALLENGES IN THE 21 ST CENTURY held during 8 th -9 th March 2008 at Acharya Nagarjuna University, Guntur
2.	Growth and dietary intakes of obese adolescent girls in Guntur City	1 st AP Science Congress 2008, "Emerging trends in science and technology" from 14 th – 16 th November at Osmania University, Hyderabad.
3.	Health and nutritional status of rural teenage pregnant girls and prevalence of low birth weight	National Symposium on "Environmental threat to human health in 21 st century" from 16-17 Jan 2009 at Banaras Hindu

		University, Varanasi.
4.	Role of Diet and Gallstones in Guntur City	2 nd AP Science Congress 2009, in “Science and Technology” from 14 th – 16 th November at S.V. University, Tirupati
5.	Prevalence and risk factor of Osteoporosis	International Symposium on Emerging Trends in Biomedical and Nanotechnology: Relevance to Human Health held during Dec 19 th to 21 st , 2009.
6.	Assessment of growth and nutritional status of school going children (6-12 years) in urban slums of Guntur city	UGC National seminar on “Lifelong learning-Opportunities and Challenges”, from 29-30 th January 2010 at Acharya Nagarjuna University, Guntur.
7.	Assessment of nutritional awareness in women of urban slums in Guntur city	National seminar on “Mitigation of Malnutrition among women and children – An appraisal of appropriate technologies”, held on March 25-26 th , 2010 at Sri Venkateswara University, Tirupati.
8.	Hypoglycemic effect of Moringa olifera and Azadirachta indica in type 2 Diabetes Mellitus.	National seminar on “Medical plants-cultivation and conservation post-Harvest technologies: Marketing and Trade”, held on 11 th & 12 th Aug 2010 at Hindu college, Guntur
9.	Health promoting properties of Phytochemicals	National seminar on “Commemoration of the bicentenary of Nicholas Appert’s invention of thermal processing of foods” held at Indian Institute of Chemical Technology, Hyderabad during 18-19 September, 2010.
10.		
11.	Organic foods in related to nutrition and health	National seminar on “Environment and sustainable development” held on 28-29 th Oct, 2011.
12.	Food and Nutrition Security	National seminar on “FOOD SECURITY: ORGANIC FARMING THE NEED OF HOUR” from 5 th & 6 th Nov, 2011 at Hindu college., Guntur.
13.	Dietary behaviors related to cancer prevention	National seminar cum workshop on “Emerging Trends in Molecular Diagnosis” during 25-26 th , Nov, 2011 at Dept. of Biochemistry, A.N.U
14.	Prevalence of obesity in urban Government and private schools and college girls in Guntur city	National seminar on “Obesity-A global epidemic-strategies for prevention and management” from 7 th & 8 th Feb, 2012 at J.M.J college for women, Tenali.
15.	Environmental – climate change and the law	National seminar on “Environmental – law Contemporary issues, challenges and future perspectives” held on 6 th and 7 th October 2012 at Damodaram Sanjivayya National Law University, Visakhapatnam.

16.	An Apology to Ecology: Role of national green tribunal to protect environment in India	5 th AP Science Congress 2012, on “Innovations in Science, Technology and Mathematics (ISTAM)” from 14 th to 16 th Nov 2012 at Acharya Nagarjuna University, Guntur.
17.	A review on herbs and dietary supplements for glycemic control in diabetes	44 th National seminar of Nutrition Society of India on “Current trends in food security to meet national nutritional challenges” from 16 th to 17 th Nov 2012 at S.V. University, Tirupati.
18.	Effect of nutrition education programme during pregnancy	45 th Annual National Conference on “Indian diets and health: In retrospect and prospect” from 29 th Nov to 1 st Dec 2012 at N.I.N., Hyderabad.
19.	Effect of environmental factors on human health	International seminar on “Current trends in Environmental toxicology and Experimental Therapeutics” from 18 th to 19 th Dec 2012 at Department of Chemistry at Vikrama Simhapuri University, Nellore.
20.	Health benefits of Herbal Plants	6 th Indian Youth Science Congress on “Zero Huger Challenge” during 19 th -21 st , Jan 2015 at Acharya Nagarjuna University.
21.	Work – related stress in Employed Women	National seminar on “Nutritional Challenges for Psychosomatic stressed Women” during 04-05 th , Feb, 2015 at Dept. of Foods and Nutritional Sciences, A.N.U.
22.	Prevalence of Anemia among adolescent girls in Guntur city of Andhra Pradesh	International Academic & Research Conference India – 2015 from 09 th and 10 th Oct 2015 at IMRF, Vijayawada, A.P.
23.	Effect of Yoga therapy on type 2 Diabetes mellitus	International Conference on “Peace Education” during 4 th -5 th Dec 2015 at Acharya Nagarjuna University.
24.	Obesity prevention and management	2 nd Bi-Annual Conference on Clinical Nutrition “Nutri Vision” held on 20 th Feb 2016 at Vijayawada.
25.	Immunity boosting measures for self care during COVID 19 crisis	National webinar on Food and Nutrition in the present scenario of Covid-19 and organized by Dept of Home Science, Vasanth Kanya Mahavidhyalaya, Varanasi held on 20 th March 2021.

WORKSHOP PARTICIPATED:

1. Participated in the Pre - conference workshop on “Assessment of Nutritional Status and Dissemination of the New RDA for Indians” from 19th November 2009 at N.I.N., Hyderabad.
2. Participated the National workshop on “SAS and its Applications in Biotechnology and Pharmacy”, from January 21-23th 2010 at Acharya Nagarjuna University, Guntur.
3. Participated in the Pre - conference workshop on “Theory to Practice” held on 2nd December 2010 at N.I.N., Hyderabad.
4. Participated in the National seminar cum workshop on “Emerging Trends in Molecular Diagnosis” during 25-26th, Nov, 2011 at Dept. of Biochemistry, A.N.U.
5. Participated in UGC sponsored workshop on “Empowerment of Tribal Women – Issues of Concern” organized by Centre for Women’s Studies held during 07-08th sep 2011.
6. Participated in the Pre - conference workshop on “Food safety and standards – Current regulations” from 15th November 2012 at S.V. University, Tirupati.
7. Participated in the Pre - conference workshop on “Nutritional epidemiology and dietary survey” held on 29th Nov 2012 at N.I.N., Hyderabad.
8. Participated in UGC sponsored National Workshop on “Mushroom Cultivation” from 12th and 13th Nov 2014 at Department of Botany at Sri Venkateswara University, Tirupati.
9. Participated in ICPR sponsored Philosophy teacher’s meet – cum - Workshop on “Recent developments in the Philosophy” from 15th and 18th Nov 2014 at Center for Mahayana Buddhist Studies at Acharya Nagarjuna University, Guntur.
10. Participated in two day National workshop on “Evolving Molecular Biological Techniques” during 28-29th, Jan, 2016 at Dept. of Biochemistry, A.N.U.
11. Participated in the Two week Faculty Development Programme sponsored by DST, Govt. of India on “BIG DATA ANALYTICS”, from 20th May to 2nd June 2016, organized by Dept of Commerce and Management studies, Acharya Nagarjuna University.

SEMINARS / CONFERENCES PARTICIPATED:

1. Attended the CME Programme on “Food, Nutrition and Health – The Frontier Areas” on Oct-2006 – conducted by National academy of medical sciences from 27-29th Oct 2006 at Hyderabad.
2. Attended the National Seminar on “Recent Trends in Microbial Sciences” from Nov 11th 2006 at J.K.C., Guntur.
3. Attended the 38th Annual Meeting 2006 on “Nutrition in different stages” from 4th to 6th Nov 2006 at Kolkata.
4. Attended the 39th National conference of the nutrition society of India at N.I.N., Hyderabad, during Nov 15-16, 2007.

5. Participated in the post conference on “Communication Skills in Nutrition Research” from 17th November 2007 at N.I.N., Hyderabad.
6. Participated in the Regional Seminar on “Nutritional support for the HIV/AIDS affected families in the community” at Tirupati, 1st Dec 2007.
7. Attended the National seminar, “The problems of nutrition: Among the rich and among the poor” at Hyderabad, during Feb 29th and 1st March 2008.
8. Attended the Annual National Conference, “Advancing research in Obesity”, from March 1- 2nd 2008 at Gandhi Medical Complex, Hyderabad.
9. Attended the National seminar on INDIAN WOMEN: CHALLENGES IN THE 21st CENTURY held during 8th -9th March 2008 at Acharya Nagarjuna University, Guntur.
10. Attended the 1st AP Science Congress 2008, “Emerging trends in science and technology” from 14th – 16th November at Osmania University, Hyderabad.
11. Attended the National Seminar on “Environmental threat to human health in 21st century” from 16-17 Jan 2009 at Banaras Hindu University, Varanasi.
12. Attended the 2nd AP Science Congress 2009, “Science and Technology” from 14th – 16th November at S.V. University, Tirupati.
13. Attended the 41st National Conference on “Chronic Diseases – The New Pandemic” from 20th to 21th Nov 2009 at N.I.N., Hyderabad.
14. Attended the National seminar and IDA Convention - AP chapter, on “Non Alcoholic fatty liver disease and metabolic syndrome – Recent concerns and life style management” from 7th & 8th Dec, 2009 at Andhra University, Visakhapatnam.
15. Attended the International Symposium on “Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health” from 19th to 21st Dec, 2009 at Acharya Nagarjuna University, Guntur.
16. Attended the 97th Indian Science Congress on “Science and Technology Challenges of the 21st Century-National Perspective” from 3rd – 7th Jan 2010 at Kerala University campus, Thiruvananthapuram.
17. Attended the National seminar on “Lifelong learning-Opportunities and Challenges”, from 29-30th January 2010 at Acharya Nagarjuna University, Guntur.
18. Participated the National seminar on “Aquatic toxicology and Biodiversity”, from 18-20th Feb’2010 at Acharya Nagarjuna University, Guntur.
19. Participated the National seminar on “Biomedical applications of Nanotechnology”, held on 6th March, 2010 at Acharya Nagarjuna University, Guntur.
20. Participated the National seminar on “Mitigation of Malnutrition among women and children – An appraisal of appropriate technologies”, held on March 25-26th, 2010 at Sri Venkateswara University, Tirupati.
21. Participated the National seminar on “Frontiers in Biotechnology”, from 27-28th March 2010 at Sri Padmavathi Mahila Visvavidyalayam, Tirupati.

22. Participated the National seminar on “Medical plants- cultivation and conservation post-Harvest technologies: Marketing and Trade”, held on 11th & 12th Aug 2010 at Hindu college, Guntur.
23. Participated the National seminar on “Commemoration of the bicentenary of Nicholas Appert’s invention of thermal processing of foods” held at Indian Institute of Chemical Technology, Hyderabad during 18-19 September, 2010.
24. Attended the 43rd IDA National Conference 2010 on “DIETETICS – WIDENING HORIZONS” from 3rd & 4th Dec 2010 at N.I.N., Hyderabad.
25. Participated in ONE-DAY NATIONAL SEMINAR ON ALGEBRA, organized by the Department of Mathematics, K.B.N. College, Vijayawada. (In collaboration with Dept. of Mathematics, Acharya Nagarjuna University) A. P on 25th Oct, 2011.
26. Attended the National seminar on “Environment and sustainable development” held on 28-29th Oct, 2011.
27. Participated in UGC sponsored National seminar on “FOOD SECURITY: ORGANIC FARMING THE NEED OF HOUR” from 5th & 6th Nov, 2011 at Hindu college., Guntur.
28. Participated in the National seminar cum workshop on “Emerging Trends in Molicular Diagnosis” during 25-26th, Nov, 2011 at Dept. of Biochemistry, A.N.U.
29. Participated in the National seminar on “Obesity-A global epidemic-strategies for prevention and management” from 7th & 8th Feb, 2012 at J.M.J college for women, Tenali.
30. Participated in the 5th AP Science Congress 2012, on “Innovations in Science, Technology and Mathematics (ISTAM)” from 14th to 16th Nov 2012 at Acharya Nagarjuna University, Guntur.
31. Participated in the Pre - conference workshop on “Food safety and standards – urrent regulations” from 15th November 2012 at S.V. University, Tirupati.
32. Attended the 44th National Conference of Nutrition Society of India on “Current trends in food security to meet national nutritional challenges” from 16th to 17th Nov 2012 at S.V. University, Tirupati.
33. Participated in National Conference on “Forest resilience, biodiversity and climate change” from 23rd and 24th Nov, 2012 at Andhra University, Visakhapatnam.
34. Attended the 45th IDA National Conference 2012 on “Indian diets and health: In retrospect and prospect” from 30th & 1st Dec 2012 at N.I.N., Hyderabad.
35. Participated in International seminar on “Current trends in Environmental toxicology and Experimental Therapeutics” from 18th to 19th Dec 2012 at Department of Chemistry at Vikrama Simhapuri University, Nellore.
36. Participated in National Semenaar on “Renewable energies, Ecosystems and Sustainable Environmental Management” from 20th 21st Feb 2014 at Department of Environmental Sciences, Acharya Nagarjuna University.
37. Participated in National Workshop on “Mushroom Cultivation” from 12th & 13th Nov 2014 at S.V. University, Tirupati.

38. Participated in Philosophy teacher's meet – cum – workshop on “Recent developments in the Philosophy” from 15th – 18th Nov 2014 at Center for Mahayana Buddhist Studies, Acharya Nagarjuna University.
39. Participated in the 6th Indian Youth Science Congress 2014, on “Zero Hunger Challenge” from 19th to 21st Nov 2015 at Acharya Nagarjuna University.
40. Participated in National Seminar on “Nutritional Challenges for Psychosomatic Stressed Women” from 4th & 5th Feb 2015 at Department of Foods and Nutritional Sciences, Acharya Nagarjuna University.
41. Participated in International Conference on ”Agriculture, Veterinary and Environmental Sciences – 2015” from 24th and 25th July 2015 at IMRF, Vijayawada, A.P.
42. Participated in International Academic & Research Conference India – 2015 from 09th and 10th Oct 2015 at IMRF, Vijayawada, A.P.
43. Participated in International Conference on “Peace Education” from 4th and 5th Dec 2015 at Acharya Nagarjuna University.
44. Participated in International Conference on ”Recent Advance in Biosciences and Applications of Engineering in production of Biopharmaceuticals (RABAEB) & 9th Annual Convention of Association of Biotechnology and Pharmacy” from 14th to 16th Dec 2015 at Dept of Biotechnology, K.L University, A.P.
45. Participated in National Seminar on “Emerging trends in Environment and sustainable development” from 2nd & 3rd Sep 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
46. Participated in International webinar on : “Renal nutrition update 2020” organized by Chennai urology and robotics Institute Hospital in association with Indian Dietetics Association and Bangladesh Academy of Dietetics and Nutrition on 7th August, 2020.

Signature of the Candidate
(D JALAJA KUMARI)