

**PROFORMA FOR SURVEY FOR CAPACITY BUILDING IN THE AREA OF  
FOOD AND NUTRITION IN ASIA**

- 1. Name of the Institution  
Address (Fax, Tel,  
E-mail, Website)**

- PSG College of Arts & Science  
(Autonomous),  
Accredited at the **FiveStar** level by NAAC,  
An **ISO 9001** Certified Institution,  
(Affiliated to Bharathiar University),  
Civil Aerodrome Post,  
Coimbatore, India – 641 014  
(T) 91-422-2573386,2691841,2596058  
(F) 91-422-575622  
E-mail : psgcas@eth.net  
Website : www.psgarts.com
- 2. Country**

- India
- 3. Name of Director/Vice-Chancellor/  
CEO Address (Fax, Tel,  
E-mail, Website)**

- Dr.B.Sampathkumar  
Principal & Secretary  
PSG College of Arts & Science  
Coimbatore, India – 641 014  
(T) 91-422-2573386,2691841,259608  
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- 4. Coordinator's name/  
Contact person's address  
(Fax, Tel, E-mail)**

- Dr.Sheela Ramachandran  
Head of Department  
Dept of Nutrition & Dietetics  
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- 5. Ongoing Research and Development Programmes in the area of Foods and  
Nutrition : ( please list the major areas by priority- and include the timing  
period of each R&D programme)**

Appendix-I

- 6. Ongoing / Existing Training / Human Resource Development Activities**

( Graduate/ Undergraduate / Short term courses etc.,) in the area of  
Foods and Nutrition)

Appendix-II

7. Academic Staff Profile in the area of Food and Nutrition:

Department/ Discipline	Ph.D.,	No	M.Phil	No
	Specialization		Specialization	
Foods and Nutrition	Alternative systems of medicine	2	-	-
	Anemia and Iron Fortification	3	-	-
	Adolescent Nutrition	3	-	-
	Community Nutrition and Nutrition education	4	Community Nutrition and Nutrition education	2
	Role of Antioxidants	2	-	-
	Food product development	2	Food product development	1
	Whey proteins	-	Whey proteins	1
	Tribal nutrition	-	Tribal nutrition	1
	Nutrition in pregnancy	1	-	-
	Clinical nutrition	2	Clinical nutrition	1
	Utilisation and therapeutic uses of Spices	-	Utilisation and therapeutic uses of Spices	2
	Physical fitness	2	-	-
	Herbal medicine	1	-	-
	Women's studies	1	-	-
			Geriatric nutrition	1
			Weaning food	1
	Soya based products	1	-	-

## **Appendix-I**

### ***THRUST AREAS OF RESEARCH***

***I. Dr.(Mrs).Sheela Ramachandran MSc, PGDF&P, PhD.  
Reader and Head of the Department***

1. Role Of Dietary Management Of Diseases Through Ayurveda And Naturopathy
2. Efficacy Of Natural Foods And Their Components In Nutrition And Health
3. Effect Of Environmental Pollution On Nutrient Composition Of Foods
4. Development Of ARF And Its Use In Natural Tube-Feeding Formulae

***II. Mrs.Anandhi Narain MSc, M.Phil.  
Lecturer(SG)***

1. Adolescent Nutrition/Food Habits, Changes And Its Effects
2. GM Foods-Health Effects
3. Drug-Nutrient Interaction In Psychiatric Treatment

***III. Dr.(Mrs).Lalitha Ramaswamy MSc, PhD.  
Reader***

1. Pregnancy
2. Adolescent Nutrition
3. Sports Nutrition
4. Food Processing
5. Geriatric Nutrition

***IV. Mrs.Lalitha Ramakrishnan MSc. M.Phil.  
Lecturer(SG)***

1. Food Processing
2. Medicinal Values Of Spices
3. Computer Application In Dietetics

***V. Dr.(Mrs).Jemima Beryl Mohankumar Msc, B.Ed, PhD.  
Reader***

1. Clinical Nutrition-Diabetes
2. Pre School Children-Micro Nutrient Status

**VI. Dr.(Mrs).Aruna Narayanan AC MSc, M.Phil, PhD.**  
**Reader**

1. Anemia In Adolescent Girls, Prevention And Fortification Of Foods Using Iron Salts
2. Formulation And Efficacy
3. Physical Fitness And Mental Ability In Anemic Adolescents

**VII. Mrs.K.Saraswathi MSc, M.Phil, PhD.**  
**Lecturer (SG)**

1. Nutrition For Tribal People
2. Nutrition In Infancy

**VIII. Dr.(Mrs).R.Chithra MSc, M.Phil, PhD.**  
**Reader**

1. Utilization Of Soya Bean Products
2. Recent Concepts In Clinical Nutrition

**IX. Dr.S.Radhai Sri MSc, M.Phil, PhD.**  
**Reader (SG)**

1. Food Processing-Fruit And Pulse Processing
2. Nutrition – Anemia And Iron Status
3. Community Nutrition
4. Women's Studies
5. Alternative Medicine- Herbal Medicine

**X. Mrs.L.Uthira MSc, M.Phil.**  
**Lecturer (SS)**

1. Geriatric Nutrition
2. Utilisation Of Whey Proteins In Different Food Systems
3. Development Of Clinical Foods Using Whey Protein



## Appendix II

**Outgoing existing training / Human Resources Development Activities (Graduate / Undergraduate / Short term courses, etc) in the area of Food and Nutrition.**

### **I. Ongoing Courses**

S.No	Name of Course	Year of Commen- -cement	No per Batch	Remarks
1	M.Phil/PhD in Foods and Nutrition	2000	12	<ul style="list-style-type: none"> <li>• Part time / Full time</li> <li>• Co-ed</li> </ul>
2	M.Sc Foods and Nutrition	1984	18	<ul style="list-style-type: none"> <li>• Co-ed</li> <li>• Practical Oriented Training intensive</li> <li>• Mini and Major Projects</li> <li>• Other Special Papers/ Areas               <ul style="list-style-type: none"> <li>- Research Methodology and Statistics</li> <li>- Computer application in Nutrition</li> <li>- Biotechnology</li> </ul> </li> <li>• Electives in               <ul style="list-style-type: none"> <li>- Air and Water Pollution</li> <li>- Clinical Biochemistry</li> <li>- Clinical Immunology</li> <li>- Microbiology</li> </ul> </li> <li>• Specific Thrust on Nutrition and Health Policies and Food Security</li> <li>• Extended Community Nutrition Programme</li> </ul>
3	Inter-disciplinary papers for students of M.Sc. Biochemistry, Applied Microbiology, Environmental Sciences and Biotechnology	1997	20- 25	<ul style="list-style-type: none"> <li>• Food Chemistry and Quality Control</li> <li>• Nutrition Research Methods</li> </ul>
4	Choice based paper for any PG student of the college	2003	unlimited	<ul style="list-style-type: none"> <li>• Management of Selected Diseases</li> </ul>

5	B.Sc Nutrition ,Food Service Management and Dietetics	1980	50	<ul style="list-style-type: none"> <li>• Co-ed</li> <li>• Practical- Oriented</li> <li>• Compulsory training in <ul style="list-style-type: none"> <li>- Bakery</li> <li>- Dietetics</li> <li>- Food Preservation</li> <li>- Community Nutrition</li> <li>- Hotel internship</li> </ul> </li> <li>• Post Harvest Technology</li> <li>• Food Packaging</li> <li>• First Aid Course of St.John's Ambulance</li> <li>• Certificate by Food and Nutrition Board, MHRD</li> </ul>
6	Choice based paper for any UG student of the college	2003	unlimited	<ul style="list-style-type: none"> <li>• Health and Fitness</li> </ul>
7	PG Diploma in Clinical Nutrition and Dietetics	2002	15	<ul style="list-style-type: none"> <li>• Co-ed</li> <li>• Duration –1 ½ yrs</li> <li>• Syllabus to meet requirements for Registered Dietician of Indian Dietetic Association</li> <li>• In collaboration with PSG Institution of Medical Sciences and Research</li> <li>• Compulsory 6 months internship in other Multi-specialty Hospitals</li> </ul>
8	Certificate Course in Food Preservation	1996	30	<ul style="list-style-type: none"> <li>• Duration –40hours</li> <li>• For students of other UG and PG programmes of the college.</li> <li>• Practical intensive</li> </ul>
9	Diploma in Food Preservation	To commence from June 2003	30	<ul style="list-style-type: none"> <li>• Duration-1 year</li> <li>• For students of other UG and PG programmes of the college</li> <li>• Practical intensive</li> </ul>

## II. Extension Activities and Training Programmes to the Community (last 5 years)

S.No	Name of Activity/Training	Year	Beneficiary
1	Training of Cooks of Adi Dravida Hostels	2002	Cooks of Adi Dravida Hostels (Government sponsored)
2	Training Programme on 'Entrepreneurial Development' (Women Empowerment – Nutrition, Health, Entrepreneurial Development)	2002 (13 <sup>th</sup> and 14 <sup>th</sup> March)	Women Members of local SHG's
3	Nutrition extension and education	Every year from 1982 onwards	Mothers, children and adolescent girls of villages in and around Coimbatore
4	Nutrition Education	Every year from 1990 onwards	NGO's and other Voluntary organizations

## III. Other Training Programmes to other College Teachers

S.No	Name of Training Programmes	Year	Beneficiaries/ trainees
1	National workshop on "Baking" UAS, Hebbal, Bangalore, sponsored by US Wheat Associates	1995 (24 <sup>th</sup> July to 5 <sup>th</sup> Aug)	Teachers of Home Science and Nutrition from all over the country
2	UGC sponsored 'Question Bank Workshop in Home Science'	1999 (27 <sup>th</sup> to 29 <sup>th</sup> Jan)	For teachers of Home Science from Tamil Nadu and Andhra Pradesh
3	Resource persons at other National workshops on 'Wheat' sponsored by US Wheat associates at UAS, Bangalore	1997 (8 <sup>th</sup> to 20 <sup>th</sup> September)	Teachers of Home Science and Nutrition from all over the country
4	Resource person at need –based refresher course on 'Environment Education' at Bharathiar University	May 2001 May 2002	College teachers from all disciplines from Southern States

**IV. Seminars / Conferences / Workshops conducted as Student and Faculty Training**

S.No	Name of Seminar and Conferences	Year / Date	Remarks
1	Symposium on 'Entrepreneurship in Convenience Foods' sponsored by Nestle India Limited	2003 (19 <sup>th</sup> Feb)	Over 325 delegates (staff and students) participated
2	State Level Conference on 'Computer Application in Nutrition'	2001 (27 <sup>th</sup> and 28 <sup>th</sup> Feb)	Over 450 delegates (staff and students) from all over the state participated
3	'Entrepreneurship Development of Small Scale Food Processing Units'	1989 (24 <sup>th</sup> and 25 <sup>th</sup> Feb)	Over 200 delegates (staff and students) participated

**V. Details of staff who have attended / presented / papers at International Conference/ Seminars / Symposia**

S.No.	Name of the Staff	Name of the Conference	Year/Date	Venue	Paper Presented / Attended
1.	Dr. Sheela Ramachandran	- 17 <sup>th</sup> International Congress Of Nutrition  - Workshop on "Measurement of Folate in Foods"	2001 (24 <sup>th</sup> - 31 <sup>st</sup> Aug)  2002 (24 <sup>th</sup> - 28 <sup>th</sup> Nov)	Vienna, Austria  Sydney, Australia	Paper Presented.  Underwent the practical training
2.	Dr. Lalitha Ramaswamy.	7 <sup>th</sup> World Congress On Clinical Nutrition	1999 (14 <sup>th</sup> -16 <sup>th</sup> Oct)	New Delhi, India.	Paper Presented.
3.	Mrs. Lalitha Ramakrishnan.	- 7 <sup>th</sup> World Congress On Clinical Nutrition.  - IX Asian Congress Of Nutrition	1999 (14 <sup>th</sup> -16 <sup>th</sup> Oct)  2003 (23 <sup>rd</sup> -27 <sup>th</sup> Feb)	New Delhi, India.  New Delhi, India.	Attended  Paper Presented
4.	Dr. Aruna Narayanan.	16 <sup>th</sup> International Congress Of Nutrition.	1997 (27 <sup>th</sup> July - 1 <sup>st</sup> Aug)	Montreal, Canada.	Paper Presented.