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**BRIEF PROFILE OF
Dr. (Mrs) KALPANA RAYAGURU
PROFESSOR & HEAD**

Dept of Agril processing and Food Engg, CAET, OUAT

Educational Qualification:

B. Sc. (Ag. Engg. & Tech.), OUAT, 1987,
M.Tech (Post Harvest Engg), Indian Institute of Technology, Kharagpur, 1990
Ph.D. (Post Harvest Process and Food Engineering) GBPUAT, Pantnagar, 2002

Experience:

Working in OUAT Bhubaneswar since 1990 in different capacities in teaching, research and extension and as Professor, Department of Agricultural Processing and Food Engg. since Jan, 2009; Head of the Department since 2017.

Honours and Awards:

A: Awards and scholarships

1. **“Best country paper presentation”** in International Training Programme on “Workshop for Women on Management of Small and medium Food-Processing Enterprise” at Makassar, Indonesia during 18-23 July, 2011, organized by Asian Productivity Organization, Tokyo and Ministry of Agriculture, Indonesia
1. **“Alka Manjari Rath Memorial Best Women Teacher / Scientists’ Award-2011-12”** on 24.08.2012 on the eve of foundation day of the University.
2. **“Member Scientist, of Best team of Research”** award, 2010, Indian Society of Agricultural Engineers(ISAE),New Delhi
3. **“Best Scientist”** of the University,2008-2009 (Orissa University of Agriculture and Technology)
4. **“Member Scientist”** of AICRP on Post Harvest Technology, OUAT, Bhubaneswar Centre which has been awarded as **‘Best Performing Centre’** by ICAR as per the recommendations of the Quinquennial Review Team for X Plan for AICRP on PHT.
5. **GATE**, leading to M.Tech Programme at IIT, Kharagpur, 1988
6. B P Modi memorial Gold medal for **“Best graduate of the University”**, OUAT, 1987
7. University Gold medal for **“Best graduate of the Faculty”**, CAET, 1987
8. National Merit Scholarship (1981-1987)
9. Fellow, Institute of Engineers(India)
10. Life Member, Asian Productivity Council, Tokyo, Japan.

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B: Research Paper Award

1. **“KC Das Memorial award”** for the paper ‘Drying characteristics and product quality of onion shreds in combination drying’, 53rd Annual technical Session, The Institution of Engineers (India), Odisha State Centre held on 5th February, 2012.
2. Gold medal for the **“Best paper”** award for the paper ‘Post-harvest package of stone apple for a profitable entrepreneurship at rural level’ in Agricultural, Mechanical and Environmental Engineering Division during the 56th Annual session of Orissa Engineering Congress held on 26th February, 2011, at Bhubaneswar.
3. **“Best paper”** award for the paper on ‘Preparation and preservation of beverage from aloe-gel’, National seminar on Sustainable Agriculture and Food security: Challenges and opportunities, during 29-30th Nov, 2010 at Bhubaneswar organized by UTA,OUAT.

C: Students Research Paper Award

1. **First prize** in oral presentation for the topic entitled “Value added products from coconut kernel” in the 50th annual convention and national symposium of Indian Society of Agricultural Engineers (ISAE), during 19th to 21st Jan, 2016.
2. **Best oral** presentation in the technological session for the paper titled “Application of ohmic heating in characterizing star-fruit pulp” in the National seminar organized on the occasion of the 17th Odisha Bigyan Congress held during Dec 05-06, 2014
3. **Best oral** presentation in the technological session for the paper titled “Development and Performance Evaluation of Hand operated star-fruit slicer” in the national seminar he Regional Science Congress held during Jan 27-28, 2014
4. **Best oral** presentation in the technological session for the paper titled “Post-harvest Processing of Elephant Apple to develop value added food product” in the national seminar of the 16th Odisha Bigyan Congress held during Nov 23-24, 2013

International training:

Attended **International Training Programme** on “Workshop for Women on Management of Small and Medium Food-Processing Enterprise” at Makassar, Indonesia during 18-23 July, 2011 organized by Asian Productivity Organization, Tokyo and Ministry of Agriculture, Indonesia.

Linkages and collaborations:

1. **Peer reviewer** for e-course content on NAIP sub-project on “ Development of e-course for B.Tech (Agril Engg)”, Anand Agril University, Anand, India.
2. **Co –PI**, of the Project “Development of Solar Hybrid Dryer for Drying Kendu leaves” sponsored by OREDA, India
3. **Co-Scientist** IDE sponsored Project “Integrating Markets, Products and Partners: An action-research to explore and develop a Marketing system for linking tribal community to market through value addition”

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Research Area(s):

Value addition, Storage and Nutraceutical blended product development (under-utilized millets, fruits and vegetables and medicinal plants)

Professional Affiliations: 10 no

(including Fellow, Institute of Engineers(India), Life Member, Indian Society of Agricultural Engineers (ISAE), Life Member, Association of Food Scientist & Technologist (AFST), Life Member, Agricultural Productivity Council and others)

LIST OF PUBLICATIONS

 Patents filed	:01
 No. of research papers published in journals	: 45
○ International Publications	: 20
○ National Publications	: 25
 Full length paper published in proceedings	: 23
 Books /manuals	: 09
 Technical bulletins (English and Oriya)	: 11
 Leaflets and popular articles	: 36
 Project reports	: 10
 Doordarshan / Radio programmes	: 08
 Research papers presented in seminars/conferences	: 28
 Seminars/workshops attended	: 56
