

Mr. Srinivas. A

Senior Principal Scientist
and Head of the Department



cftri

Qualifications:

B.E (Mechanical), M.E (Management)
Softwares: AutoCad Inventor, Catia,
Solidworks, LabView, HyperWorks

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CSIR – Central Food Technological Research
Institute, Cheluvamba Vilas, KRS Road
Mysuru – 570 020, Karnataka State

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Career path:

Aug 1985 to Jan 1987

Part time lecturer, Mechanical Engineering
Department, The National Institute of Engineering,
Manandavady road, Mysuru. Karnataka State

Feb 1987 to Oct 1987

Graduate Trainee (Engineering)
M/s Kirloskar Systems Limited
Hebbal, Bengaluru. Karnataka State

Oct 1987 to Jun 1992

Research Trainee (Engineering)
Department of Cereal Science and Technology
Central Food Technological Research Institute
Mysuru. Karnataka State

June 1992 till date

Department of Grain Science and Technology
Central Food Technological Research Institute
Mysuru. Karnataka State

Membership:

Life Member of Association of Food Scientists and
Technologists (India)

Details of work done:

As a Part time lecturer at The National Institute of Engineering, Mysuru:

The NIE is a premier autonomous education Institute started in 1950 offering Bachelors and Master degree courses. As faculty at the Department was responsible in imparting the basics of mechanical engineering to students of UG and PG degrees, which inculcated the habit of thorough preparation and apt presentation in me. This lead to my introduction of maintaining Laboratory Manuals for ready reference by both staff and students, for the first time. Designed logo of the mechanical engineering department that is still in use.

As a Graduate Engineer Trainee at M/s Kirloskar Systems Limited, Bangalore:

M/s Kirloskar Systems Limited was a part of the Kirloskar group of industries and was catering to LT and HT switchgear. Presently this unit has been merged with its parent company and shifted from Bangalore. I got trained in different departments of the organization. During this period, I was given the responsibility to change the design of the Oil immersed starter for induction motors from outsourced fabrication to in-house fabrication to reduce lead time and cost, which was successfully completed and implemented.

As a Graduate Engineer Trainee at M/s Kirloskar Systems Limited, Bangalore:

M/s Kirloskar Systems Limited was a part of the Kirloskar group of industries and was catering to LT and HT switchgear. Presently this unit has been merged with its parent company and shifted from Bangalore. I got trained in different departments of the organization. During this period, I was given the responsibility to change the design of the Oil immersed starter for induction motors from outsourced fabrication to in-house fabrication to reduce lead time and cost, which was successfully completed and implemented.

As Research Engineer (Trainee) at CFTRI, Mysuru:

The Ministry of Food Processing Industries, Government of India set up ten Regional Extension Service Centre (Rice Milling) units in different states in the country with an aim to modernize the rice milling industry with the objectives of increasing the out-turn of quality rice and producing better quality by-products. One such Centre was set up at CFTRI during 1984. At this Centre, I was given the duties of information dissemination to all interested in vernacular languages, planning and conducting one – day workshops across the state in different districts, conducting demonstrations of improved rice milling methods, publishing popular booklets apart from assistance to Scientists in day – to – day R&D activities.



As Scientist at Central Food Technological Research Institute, Mysuru:

CFTRI, Mysore is one of the constituent laboratories of Council of Scientific and Industrial Research, New Delhi which came into existence in 1950. Work at this Institute includes participation in R&D projects, Grain processing and engineering (design, development & testing of grain processing machinery at pilot scale & commercial scales), teaching, project management, technology transfer & business development activities. Processing different grains to suit specific product requirements, scale – up of operations, preparation of reports, presentation to higher authorities, interaction with industry captains and funding agencies are some of the facets of work. Presently working as the Nodal Officer in setting up of the Global Centre of Excellence in Rice Processing at this Institute.

The highlights of work is summarized as below:

- Technologies (developed/ associated): > 30 (all commercialized)
- Projects handled: More than ~60
- Publications: Papers/Articles = 9, Posters = 35,
- Semi – technical / technical books 8
- Patents: 7 patents (National & International)
- Teaching & training B.Tech./B.E./M.Tech.Students guided: > 40

Others:

- ◆ Professor at AcSIR (Biological Sciences)
- ◆ Alternate member of Bureau of Indian Standards – FAD 20 – Agricultural implements and machinery division (Served)
- ◆ Coordinator of M.Sc (Fd Tech) course at the Institute for 2 years (Served)
- ◆ Faculty for M.Sc (Fd Tech) course at CFTRI, Mysore – currently
- ◆ Member Board of Studies for B.Sc & M.Sc (Fd Tech) of Calicut University (Served)
- ◆ Board of Studies for M.Sc (Fd Tech) of Mysore University (Served)
- ◆ Currently, member of many technical committees of the Institute
- ◆ Faculty for short term courses on rice milling and grain processing.
- ◆ Member of Board of Studies, Mechanical Engineering Department, The National Institute of Engineering, Mysuru (Served)
- ◆ Member of Department Advisory Committee, Mechanical Engineering Department, The National Institute of Engineering, Mysuru (Serving)
- ◆ Delivered many lectures across the country, sometimes in local languages, on Grain processing, Rice milling, Pollution in rice mills, Automation in grain processing; New product development, Value addition in grain processing, to name a few.
- ◆ Guided more than 40 batches of B.Tech, B.E and M.Tech students for their final year investigation project work.
- ◆ Represented Institute in National level sports in Cricket, Basketball and Volleyball.
- ◆ Languages known: English, Hindi, Kannada, Tamil, Malayalam (and Telugu)