## From Director's Desk . . . .

The Performance Report of CFTRI is a window for the outside world to understand the contribution of CFTRI in High Science, High Technology and societal reach out in the area of Food Science and Food Technology.

This Report provides an overall glimpse of the Research & Development and innovative activities of the Institute during the year 2007-2008. It covers the on-going projects in the institute, In-house projects as well as Major Laboratory Projects; CSIR Network projects; Supra-Institutional Project of CSIR; Grant-in-Aid projects from several agencies within India and abroad; and also projects from industries within the ambit of the confidentiality clause. The processes, products, publications, patents and Ph.D's, what I generally call as "5 Ps" are detailed and it is a result of hard work of my colleagues and students in CFTRI.

Honours, recognitions, awards and fellowship received by the staff members have been compiled in this report. All these achievements are possible because of the participation of the entire staff and the excellent ambience of the institute. We are grateful to the Government of India for having provided us such a wonderful place to work for the nation.

I am deeply indebted to all my colleagues and students for their untiring efforts in generating the high quality Science and high quality Technology outputs with a clear mandate to reach out to the tiny, cottage, village industries on the one hand and the small, large and big



industries on the other hand with a focus of reach out to society as the third angle. Such performance always gives us the confidence and strengthens our convictions to go ahead and address the livelihood agenda, especially quality literacy movement in the tribal and remote areas. This also helps us to take forward the agenda of Food and Nutritional security as we move from the 11<sup>th</sup> Plan to reach the 12<sup>th</sup> Plan with a clear vision for the Science to reach the needy.

This year also, CFTRI has continued recognizing our colleagues and students at various levels through Institutional awards. Number of staff from scientific & technical, support, administrative, finance, stores & purchase departments and students have been recognized for their contributions in their respective domain.

I am optimistic that the ultimate satisfaction will come when everybody turns out quality work in Science for the betterment of the quality of the life of people in this country. I congratulate each one of the awardees, staff and students as they pursue for quality performance on a 24 X 7 cycle to serve CFTRI and CSIR and in turn live



upto the expectations of the Government of India's mandate for which this Institute has been established to reach out to people.

It is my great privilege on behalf of the Institute to thank our Honourable Prime Minister, who is the President of CSIR and Honourable Minister for Science & Technology and Earth Sciences as the Vice President of CSIR and I gratefully acknowledge their continuous and encouraging support in all our endeavours. I thank Director General, CSIR and the team from CSIR Headquarters for their unstinted support in all our requests and various activities of the Institute and it is a privilege that CFTRI in the ambit of CSIR and the Ministry for Science & Technology and Earth Sciences recognizes us as a very important laboratory in the area of food sciences and we are all proud of it.

I am grateful to Prof. M.S. Swaminathan, Honourable Member of Parliament & Chairman -Pugwash Conferences on Science and World Affairs and Chairman, M.S. Swaminathan Research Foundation and as the Chairman of Research Council of CFTRI and all the Members of Research Council and the members of Management Council of CFTRI for constantly guiding us in R & D activities to be active in the challenging world and addressing the relevant problems of scientific activities.

It is also our duty to thank various Central and State Government Ministries and Departments, Universities including the United Nations University and University of Mysore for the confidence they have reposed in us in our capability to deliver by encouraging us to work on various projects and with the true spirit of *'Team CFTRI'*. We always deem it as a privilege, a great pleasure and a great honour to take up such scientific challenges and move forward with a firm passion for Science and a much higher compassion to reach out to society.

On behalf of *"CFTRI family",* it is my great pleasure to place this volume of the "**Performance Report – 2008**" before you. It is our endevour to achieve "more from less" in the coming years as we work towards the goals set by our peers and ourselves and march ahead one more year to reach out to Society with Science to improve the quality of the life of common man.

V. Prakash Director, CFTRI

Date: 14<sup>th</sup> June, 2008 Place: Mysore

