a) List of SCI publications, technical reports, books etc.

Publications


Technical Reports

1. Food futures and food security by 2010 A.D. part 1.
2. Food futures and food security by 2010 A.D. part 2.
3. Basic food requirements during Eighth Five-year plan
4. Basic food requirements during Ninth Five-year plan
5. Optimized tea blends [Results of a consultancy work]
6. Optimization of process for a malted beverage [Results of a consultancy work for an MNC]
7. Survey on Nutrition Intervention program in Mysore District-Status of women and girl child [Results of a consultancy work supported by UNICEF]
8. Traditional Foods of Northern India
9. Agro-based food processing and preservation industry in Haryana [Results of a consultancy project]
Software developed

1. Statistical analysis (ANOVA up to three factors with replicates),
2. Non-parametric statistics,
3. Screening design (Plackett-Burman design),
4. Multiple regression (linear and non-linear, including polynomials)
5. Multivariate ANOVA
6. Multivariate statistical analyzes (Principal components analysis, canonical discriminant analysis)
7. Linear programming,
8. Design and analysis under response surface methodology, viz., central composite rotatable design, and mixture designs,
9. Contour mapping and three-dimensional graphics,
10. Flexible polyhedron search optimization of a function with or without constraints,
11. Others for texture analysis, CIE color parameters, and food requirements, etc.

b) Patents filed/accepted/sealed

A formulation suitable as a food additive (Nagin Chand, Shanthi Narasimhan, Rajalakshmi D and A K Vasanth Kumar)

c) ECF generated (source/partner)

Needs to be gathered from different sources [CFTRI and its Regional Centre at Ludhiana]