

Name : Dr. Navneet Kumar

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A brief summary of work and interests : Navneet Kumar is working as an Associate Professor and Head of the Department of Processing and Food Engineering in the Faculty of Agricultural Engineering at Anand Agricultural University, Godhra, Gujarat, India. He received both B. Tech. and M. Tech. in Agricultural Engineering with specialization in Processing and Food Engineering from GBPUA&T, Pantnagar, India. He obtained his Ph.D. degree in Food Engineering and Technology from SLIET, Longowal, Punjab, India. He earned computer proficiencies in the form of PG Diploma from Kurukshetra University, Haryana, India, Sun certification for Java Programming from Sun Microsystems Inc., USA and CCC+ examination from SPIPA, Ahmedabad, India.

He worked on production of crude enzyme system fusing wheat bran and deoiled cake as substrate; design, development and testing of a computerized data acquisition and control system for a batch fermenter and development and characterization of extruded product of carrot pomace, pulse powder and rice flour during his B. Tech., M. Tech. and Ph.D. study respectively.

He worked as research associate on various projects on the development, evaluation and adoption of equipment and gadgets for harvesting, cleaning, grading and packing of selected crops; design, development & testing of a greenhouse for cold desert conditions; development of raisin production technology using solar energy from grapes and development of solar photovoltaic power pack and matching equipments at IARI, New Delhi, India and CIPHET, Ludhiana, India.

He contributed more than 50 publications in the form of research/ review articles in international/national journals, books chapters in reference

books, text books, articles in various training programmes. He delivered lectures/ talks on various aspects for food processing and value addition during training programmes along with broadcasting on radio.

He earned several recognitions like Fellow to Institution of Engineers, Distinguished Service Certificate from by Indian Society of Agricultural Engineers (ISAE), Best paper award from Association of Food Scientists and Technologists-AFST(I) in the field of food engineering along with several prizes during presentations at national seminars/ symposiums.

He is involved in Undergraduate and Post Graduate teaching in the field of Processing and Food Engineering. He guided several M. Tech. and Ph.D. students in the capacity of advisory committee member or as a major advisor. In recent years, he has undertaken various studies related to dehydration kinetics of custard apple pulp, osmotic drying of custard apple flakes, development of low cost harvesting tool, sweet corn storage studies and rehydration kinetics.

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