

**Brief Resume of Dr MOHAMMED SHAFIQ ALAM (Membership No. LM-9341) for
DIRECTOR (Processing, Dairy and Food Engineering) ISAE ELECTION 2018-21**



Dr Mohammed Shafiq Alam born in Siddharthnagar, Uttar Pradesh, India, did *B. Tech. (Agricultural Engineering)*, J.N.K.V.V., Jabalpur (1995); *M. Tech. (Processing and Agricultural Structures)*, PAU, Ludhiana (1998); *Ph.D. (Processing and Food Engineering)*, PAU, Ludhiana (2008). Presently, he is working as Senior Research Engineer-cum-Incharge of AICRP on Post-harvest Engineering and Technology in the Department of Processing and Food Engineering, COAE&T, Punjab Agricultural University, Ludhiana, having 18 year's experience of Research, Teaching,

Extension and Consultancy. Dr Alam has been instrumental in skill development and established approx. 40 APC in various regions of Punjab during last five years generating total business profit of approx. 1.5 to 2.0 crores annually and generated employment for 120 rural youth. Judiciously involved in design, development and field evaluation of various post harvest machinery/ processing equipments viz; Electric operated trolley-cum-batch dryer; Manual-cum-power operated eight frame radial honey extractor; hydraulic operated honey-cum-wax separator; Power operated honey-cum-wax separator; Electric-cum-battery heated uncapping knife, Honey-heating-cum filtration system; Percussion based machine for treating milled products; Ventilated onion storage structure; Aloevera leaf gel extraction machine; Pilot plants for pectin extraction from kinnow waste, production of probiotic juices and established Agro processing centre for food grains and spices. Developed technologies for utilization of fruit/vegetable by-products using extrusion technique, post harvest storage of durables, shelf stable products through osmo-dewatering/drying technique, shelf life enhancement of perishables through edible coatings etc. Filed patent on 'Production of probiotic fruit juices'. Successfully handled and completed 24 Research projects on different aspects of Post Harvest Engineering and Technology. Supervised 4 Ph.D, 18 M.Tech and 14 B.Tech students as Chairman/supervisor and published more than 200 papers in reputed national/ international journals, proceedings, magazines, newspapers etc. Editorial board member of many National and International Journals. He has received many prestigious awards and recognitions for his outstanding achievements. His biography has been included for publication in Marquis Who's Who in Science and Engineering, USA and IBC Top 100 Professionals, Cambridge, England.