

## Department of Processing & Food Engineering

**College of Agricultural Engineering and Technology  
CCS Haryana Agricultural University, Hisar, Haryana**



### List of Thesis Submitted by M.Tech. Students

Sr. No.	Name	Admission No	Title	Name of Advisor
1	Rajeev Gupta	96AE86M	Mathematical modeling for environment conditions in an evaporative cooling chamber	Dr. M. K. Garg
2	Ravi Gupta	97AE116M	Study of milling factors on basmati paddy (Taraon Basmati & Basmati 370) for head rice recovery	Er. M.C. Kashyap
3	Sandeep Mann	97AE117M	Design and development of knowledge base seed storage information system	Dr. M. K.Garg
4	Pawan Veer	98AE124M	Development and testing of straw densification machine	Er. Surjeet Jain
5	Pratima Bajaj	98AE125M	Investigation of mass transfer during osmotic dehydration of button mushrooms ( <i>Agaricus bisporus</i> )	Er. Surjeet Jain
6	Ramachandra, C.T.	2000AE135M	Equilibrium moisture content and drying characteristics of selected medicinal plants	Er. Surjeet Jain
7	Preeti Panda	2000AE137M	Osmo-air drying of grapes for raisin preparation	Dr. M.K.Garg
8	Anil Kumar	2000AE136M	Development of an integrated energy system for a goshala complex	Er. Surjeet Jain
9	Manjunatha	2001AE229M	Osmo-convective dehydration of cauliflower	Er. J. M. Wadhwa
10	Ritu Raj Mehta	2002AE110M	Comparative evaluation of different drying methods to dry liquorice (mulhatti)	Er. Surjeet Jain
11	Vijay Kumar Singh	2002AE111M	Effect of packaging materials on the shelf life of moisture sensitive foods	Dr. M. K.Garg
12	Balwan Singh	2002AE108M	Comparative evaluation of different drying methods for drying of kasuri fenugreek leaves	Er. M.C. Kashyap
13	Raj Kumar	2003AE208M	Drying behaviors of rapeseed (toria) under thin layer conditions	Er. Surjeet Jain
14	Sujata Nayak	2003AE210M	Simulation and optimization of a solar dryer	Dr. M. K.Garg

15	Sipna Deshmukh	2005AE114M	Effect of edible coatings & packaging method on shelf life of button mushroom ( <i>Agaricus bisporus</i> )	Er. Surjeet Jain
16	Md. Mahfooz Aalam	2006AE137M	Development and testing of packages for transportation of guava	Dr. M.K.Garg
17	Indu	2006AE136M	Optimization of process parameters of soymilk and Tofu production unit	Er. Surjeet Jain
18	Kailash Bhatt	2007AE80M	Development of a steam blancher for vegetables	Dr. M.K.Garg
19	Yogita	2007AE82M	Method of extraction of anthocyanin pigments from red rose	Er. Surjeet Jain
20	Yogender Singh	2008AE96M	Comparative performance of evaporative cool chambers using alternative materials for storage of fruits and vegetables	Dr. Y. K. Yadav
21	Rajeshwari Patti	2008AE97M	Effect of moisture content on physical properties of coarse grains	Er. Surjeet Jain
22	Chavan Sandeep Pandhari	2009AE208M	Development of a dehumidified air dryer	Dr. M. K.Garg
23	Abhishek Shukla	2009AE209M	Development of paddle operated petha (ashgourd) pricking machine.	Dr. D. K. Sharma
24	Sunil	2009AE210M	Optimization of biogas slurry use for digestion of an admixture of kitchen waste & cattle dung	Dr. Y. K. Yadav
25	Aarjoo	2010AE170M	Performance evaluation of solar tunnel dryer for round the year use	Dr. Yadvika
26	Nitesh	2010AE172M	Development of solar regenerated desiccant dryer	Dr. Y.K. Yadav
27	Patil Rushikesh Ashok	2010AE173M	Mass transfer kinetics of aloe vera during osmo-convective dehydration	Dr. M.K. Garg
28	Anarase Dattatray Arjun	2011AE124M	Development of decision support tool for design of commercial grain storage	Dr. M.K. Garg
29	Arun Kumar	2011AE125M	Development of a desiccant based food drying system	Dr. Y.K. Yadav
30	Sunil Kumar	2012AE04M	Comparative evaluation of quality changes in stored wheat in hermetic silo bags and conventional methods	Dr. M.K. Garg
31	Nitin Kumar	2012AE01M	Design, development and performance evaluation of foot operated aonla pricking machine	Dr. D.K. Sharma
32.	Sushant Bhardwaj	2013AE02M)	Techno-economic feasibility studies of a solar regenerated desiccant integrated seed drying system	Dr. Yadvika
33.	Vinay	2014AE04M	Design and development of pedal operated maize sheller	Dr. V. K. Singh

34.	Sandeep	2014AE03M	Spent mushroom substrate utilization using different portable technologies	Dr. Yadvika
35.	Raveena	2015AE02M	Energy use pattern of pearl millet production and processing	Dr. Yadvika
36.	Ashwini SC	2016AE01M	Effect of ohmic heating on oil recovery from rice bran	Dr. M.K. Garg
37.	Sachin	2016AE02M	Effect of microwave heating on extraction of essential oil from turmeric ( <i>Curcuma longa</i> L.)	Dr. V. K. Singh
38.	Annu	2016AE04M	Techno-economic Evaluation of Solar Biomass Shredder	Dr. Yadvika
39.	Rihan Patel	2017AE01M	Detection of insect infestation level in wheat by using sensors	Dr. M. K. Garg
40.	Sapna	2017AE03M	Engineering Interventions for energy efficient management of paddy Straw	Dr. Yadvika
41.	Ravi Kumar	2017AE04M	Process development for microwave assisted extraction of glycyrrhizic acid from mulhatti	Dr. V. K. Singh
42.	Charan Singh	2017AE06M	Design and development of garlic stalk cutter ( <i>Allium sativum</i> L.) machine	
43.	Peter Waboi Mwaurah	2018AE05M	Comparative Evaluation and Suitability of Novel oil Extraction Techniques for Mango Stone	Er. Sunil Kumar
44.	Praveen Saini	2018AE06M	Evaluation of Engineering Properties, Milling Characteristics and Anthocyanin Recovery from Purple Wheat	Dr. Nitin Kumar
45.	Rinku Grover	2018AE07M	Design and Development of Bael Fruit Pulper	Dr. V.K. Singh
46.	Raveena	2017AE2D	Modelling of modified atmosphere packaging of vegetables for shelf life enhancement	Dr. M. K. Garg
47.	Nagesh	2019AE05M	Development of Refractance Window Dryer for Beetroot ( <i>Beta vulgaris</i> L.)	Dr. AK Attkan
48.	Ajay Kumar	2019AE03M	Efficacy of Biodegradable Polymers and Conventional Plastic Films for Active Packaging of Indian Jujube ( <i>Ziziphus mauritiana</i> L.)	Dr. Nitin Kumar
49.	Nirmala	2019AE06M	Utilization of Seed from Tomato Processing Industry for Extraction of Oil	Dr. AK Attkan
50.	Vipul Mittal	2020AE07M	Development and performance evaluation of machine for dehulling of hempseed ( <i>Cannabis Sativa</i> L.)	Dr. Ravi Gupta

51.	Sapna	2019AE03D	Development of cold plasma system for shelf life enhancement of strawberry (fragaria*anannasa)	Dr. AK Attkan
52.	Sachin	2018AE02D	Development of Image Processing Based Automated Grader for Kinnow Mandarin (Citrus reticulate L.)	Dr. V.K. Singh
53.	Ravi	2019AE02D	Combined Efficacy of Hydrothermal and Mechanical Refining on Ethanol Production from Sugarcane Bagasse (Ongoing)	Dr. Nitin Kumar
54	Rinku Grover	2020AE03D	Post-Harvest Engineering and Technology Interventions for Value Chain of Maize Production System in Haryana (Ongoing)	Dr. Ravi Gupta

Updated on 15/06/2023