

List of CPGS (CAU), Umiam students who have completed their theses research under the Supervision of Scientists from ICAR Research Complex for NEH Region, Umiam since 2007.

S. No.	Name of students	Name of Supervisor (Chairman)	Topics of Research/ Thesis Title	Year of thesis submission
ENTOMOLOGY				
1.	Mr. Shembha Syngkon	Dr. N. S. Azad Thakur	Eco-biology and management of citrus leaf miner <i>P. citrella</i> (Stainain) in Meghalaya	2009
2.	Mr. Jash Paul Debbarma	Dr. N. S. Azad Thakur	Studies on the biology of <i>Callasobruchus chinensis</i> (L) on different pulses and its management in mid altitude hills of Meghalaya	2009
3.	Ms. Ridalang Rangad	Dr. N. S. Azad Thakur	Population dynamics of lepidopteron pest in cabbage and bioefficacy of eco-friendly insecticides against <i>P. brassicae</i> (L.)	2010
4.	Ms. Bakor Chyne	Dr. N. S. Azad Thakur	Study on fruit flies of mid altitude hills of Meghalaya	2011
5.	Ms. Pukhram Bhumita	Dr. D. Kumar	Insect pests of brinjal and management of <i>L. orbonalis</i> at mid hill of Meghalaya	2011
6.	Ms. Rumki H.Ch Sangma	Dr. N. S. Azad Thakur	Studies on biology of maize weevil <i>S. zeamays</i> (Moscch) and its eco-friendly management in mid altitude hills of Meghalaya	2011
7.	Mr Damitre Lytan	Dr. D. M. Firake	Biological attributes of cabbage butterfly, <i>Pieris brassicae</i> and its natural parasitism in northeast India	2011
8.	Mr David Nonglait	Dr. Kanchan Saikia	Eco-biology of tomato fruit borer, <i>Helicoverpa armigera</i> (Hubner) and its management	2012
9.	Mr. Deebune Shilla Lamare	Dr. N. S. Azad Thakur	Insect pest complex and eco-friendly management of major insect pest of maize at medium altitude hills of Meghalaya	2012
10.	Ms Meena Debbarma	Dr. D. M. Firake	Ecological aspects related to biological control of cabbage butterfly	2012

11.	Ms. Tongbram Rosina Devi	Dr. N. S. Azad Thakur	Population dynamics and management of Mustard aphid <i>L. erysimi</i> in Meghalaya	2013
12.	Mr. CNGS Arangba Mangang	Dr. N. S. Azad Thakur	Study on insect pest complex of Soybean and its Eco-friendly management	2013
13.	Ms. Devina Seram	Dr. Kanchan Saikia	Studies on seasonal activity and management of white grubs on groundnut	2013
14.	Mr. Pritin Sontakke	Dr. G. T. Behere	Studies on biology and invitro efficacy of pesticides against diamondback moth, <i>Plutella xylostella</i> (L.)	2013
15.	Ms. Supriya Okram	Dr. Kanchan Saikia	Biology and control of tomato leaf miner (<i>Liriomyza trifoli</i>) in Meghalaya	2013
16.	Mr. Deimonlanki P Thubru	Dr. D. M. Firake	Effects of different pesticides on major natural enemies of cabbage butterfly, <i>Pieris brassicae</i>	2013
17.	Ms. Badarikynti Nonglynrich	Dr. D. M. Firake	Studies on pest complex and efficacy of botanicals against major pest of oyster mushroom in Meghalaya	2014
18.	Mr. Romeo M. Marak	Dr. G. T. Behere	Genetics of Indoxacarb Resistance in Diamondback Moth, <i>Plutella xylostella</i> (L.) (Lepidoptera: Plutellidae)	2014
19.	Ms. Grikchi Ch. Momin	Dr. D. M. Firake	Insect pest of ginger in Meghalaya and their eco-friendly management	2014
20.	Mr. Vinayaka Doddamani	Dr. G. T. Behere	Evaluation of different artificial diets for laboratory rearing of <i>Coccinella septempunctata</i> L.	2014
21.	Ms. Arpana Manjer	Dr. G. T. Behere	Molecular Characterization of Fruit Fly Species of the Genus <i>Bactrocera</i> in Mid Altitudes of Meghalaya	2015
22.	Ms. Nang Sena Manpoong	Dr. D. M. Firake	Studies on biological and ecological attributes of major natural enemies of mustard aphid, <i>Lipaphis erysimi</i>	2015
23.	Mr. Ripan Debbarma	Dr. Rachana Pande	Study on diversity of pollinators in cucurbits and pollination biology of Honey bee in Chow-chow (<i>Sechium edule</i>) at mid hills of Meghalaya	2015
24.	Ms. R. Lalrunfeli	Dr. G. T. Behere	Development of DNA barcodes for major insect pests and natural enemies	2015

			of cole crops in mid-hills Meghalaya	
25.	Ms. V. Lalnunpuii	Dr. D. M. Firake	Studies on biology and in vitro efficacy of major lepidopteron pests of cole crops	2015
26.	Mr. Khrieketou Kuotsu	Dr. G. T. Behere	Development of DNA barcodes of insects pests and natural enemies of cereal crops in of Meghalaya	2016
27.	Mr. Parth Debnath	Dr. Rachana Pande	Screening of germplasm and evaluation of botanicals against mustard aphid, <i>Lipaphis erysimi</i> in mustard in mid hills of Meghalaya	2016
28.	Mr. Pitchaimurugan M.	Dr. D. M. Firake	Ecological aspects and management of fruit infesting tephritids in Guava, <i>Psidium guajva</i>	2016
29.	Mr. Remiioo New Year Bamon	Dr. Rachana Pande	Pollination biology of honey bee in chow-chow (<i>Sechium edule</i>) and its impact on yield at mid hills of Meghalaya	2016
30.	Mr. Ajit Tripura	Dr. Sandip Patra	Seasonal incidence and bio-rational management of shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee) of brinjal in Mid-Hills of Meghalaya	2016
31	Mr. Kaleeswaran G.	Dr. D. M. Firake	Insecticidal activities of <i>Zanthoxylum armatum</i> extract against major Lepidopteran defoliators of vegetables	2017
32.	Mr E. Sankarganesh	Dr. G. T. Behere	Development of DNA Barcodes for Major Insect Pests and Natural Enemies of Solanaceous Crops Ecosystem in Mid Hills of Meghalaya	2017
33.	Mr. Sakil Dhamala	Dr. Sandip Patra	Studies on bio-efficacy, persistency and non-target toxicity of chlorfenapyr and indoxacarb in brinjal and cabbage	2017
PLANT PATHOLOGY				
1.	Ms. Mariana Dkhar	Dr. Ram Dutta	Eco-friendly management of Late blight (<i>Phytophthora infestans</i>) of tomato in mid hill conditions of Meghalaya	2009
2.	Mr. Kamalendra Barman	Dr. Satish Chandra	Survey and management of post harvest diseases of Khasi mandarin (<i>Citrus reticulata</i>) in Meghalaya	2010

3.	Mr. Tilling Tabyo	Dr. Satish Chandra	Etiology and management of pod blight complex of soybean in Meghalaya	2010
4.	Ms. Itirekha R. Marak	Dr. Ram Dutta	Management of early blight (<i>Alternaria solani</i>) of tomato in mid hill conditions of Meghalaya	2010
5.	Ms. Domesticity Lyngdoh	Dr. Ram Dutta	Studies on bud rot (<i>Phytophthora palmivora</i>) of arecanut and its management through Eco-friendly methods in Meghalaya	2011
6.	Mr. L. Sanajaoba Singh	Dr. Ram Dutta	Studies on turcicum leaf blight of maize and its management through eco-friendly methods in Meghalaya	2012
7.	Ms. Nirmala Maibam	Dr. Satish Chandra	Eco-friendly management of Frenchbean anthracnose (<i>Colletotrichum lindemuthianum</i>) under mid hill conditions of Meghalaya	2013
8.	Ms. Supriya Laishram	Dr. Satish Chandra	Management of French bean rust (<i>Uromyces appendiculatus</i>) using biocontrol agents	2013
9.	Mr. Kadiri Mahendra	Dr. Pankaj Baiswar	Influence of soil factors on <i>Rhizoctonia solani</i> in Meghalaya	2015
10.	Mr. Tanmoy Das	Dr. Amrita Banerjee	Distribution pattern and molecular variability of bunchy top virus (BBTV) in Tripura	2015
11.	Ms. R. Saveinai	Dr. Pankaj Baiswar	Pathogenicity of <i>Rhizoctonia solani</i> on major weeds prevalent in rice and maize ecosystem in Meghalaya	2016
12.	Ms. Idariti Kharumnuid	Dr. Satish Chandra	Variability studies of pathogenic <i>Alternaria</i> spp. on cruciferous crops	2016
13.	Ms. Rimikini Laloo	Dr. Pankaj Baiswar	Host plant resistance against <i>Rhizoctonia solani</i> causing foliar blight in soybean (<i>Glycine max</i>) in Meghalaya	2016
14.	Ms. Yashi Umbrey	Dr. Amrita Banerjee	Identification and characterization of yellow mosaic virus (s) associated with yellow mosaic disease of legumes in mid-hills of Meghalaya	2016
15.	Mr. Korla Sarath Babu	Dr. Amrita Banerjee	Characterization of Papaya ring spot virus pathotype-p from mid- hills of Meghalaya	2016

16.	Mr. Pamala Prince Jaysimha	Dr. Pankaj Baiswar	Pathogenicity of major soil borne pathogens on common weeds in Meghalaya	2017
HORTICULTURE				
1.	Shri R.P.Thapa	Dr. Anjani Kumar Jha	Estimation of genetic variability and its implications in improvement of tomato (<i>Lycopersicon esculentum</i> Mill.)	2009
2.	Shri Sanyang A. Sangma	Dr. Anjani Kumar Jha	Changes in anti oxidant phytochemicals of turmeric at different stages of harvesting	2009
3.	Ms. Agreesia Syndor	Dr. Akath Singh	Offseason production of strawberry: Effect of low tunnel and planting time	2009
4.	Ms. Rikadakini Lamare	Dr. Bidyut C. Deka	Physico chemical changes of Sohshang (<i>Elagnus latifolia</i> L.) at different stages of maturity and storage	2009
5.	Mr. Sarangthem Binoi Meitei	Dr. Bidyut C. Deka	Crop regulation and quality improvement of peach	2010
6.	Mr. Lalhmingsanga	Dr. Anjani Kumar Jha	Yield and antioxidant dynamics in broccoli under different nutrient management regimes	2010
7.	Ms. Banylla Kharbamon	Dr. Bidyut C. Deka	Impact of planting time and phosphorus dosage on the productivity of Dolichos bean (<i>Lablab purpureus</i> L) cv.RCDL-10	2011
8.	Mr. Basu Langpoklakpam	Dr. Bidyut C. Deka	Standardization of plant growth promoting substances and grafting techniques for raising Sohiong (<i>Prunus nepalensis</i> L.) seedling	2011
9.	Mr. Callisthenics Mukhim	Dr. Amit Nath	Physico-chemical properties of Assam lemon (<i>Citrus limon</i> Burm.) at different stages of fruit growth, development and storage	2011
SOCIAL SCIENCES				
1.	Ms. Janailin Papang	Dr. A.K.Tripathi	Economics of turmeric cultivation in Jaintia Hills District of Meghalaya	2011
2.	Mr. Pradeep Sangma	Dr. A.K.Tripathi	Economics of Cashewnut cultivation in Meghalaya: A case study of West Garo Hills	2014
3.	Ms. D.S. Dkhar	Dr. A.K.Tripathi	Socio-Economic study on MGNREGA	2012

			in East Khasi Hills District of Meghalaya	
4.	Ms. Astha Barman	Dr. A.K.Tripathi	Economics of Chow-chow cultivation in West Khasi Hills District of Meghalaya	2016
5.	Ms Juicy Debbarma	Dr. A.K.Tripathi	Economic analysis of pineapple cultivation in Tripura	2016
6.	Mr Sukhimon Passah	Dr. A.K.Tripathi	Socio-economic study on Khasi Mandarin cultivation in Meghalaya	2017
7.	Ms. Singyala Chiphang	Dr. Aniruddha Roy	Economic Assessment of Lemon production in Ukhrul District of Manipur	2016
8.	Ms. Tovinoli Shohe	Dr. Aniruddha Roy	Economics of large cardamom production in Zunheboto District of Nagaland	2016
9.	Ms. Ainy Taloh	Dr. Aniruddha Roy	Economics of Kiwi production in Arunachal Pradesh	2017

CROP PRODUCTION

1.	Mr. Enboklang Kharkrang	Dr. P.K. Ghosh	Effects of <i>in-situ</i> residues management on carry over soil moisture conservation practices and growth and productivity of mustard	2009
2.	Ms. Badahunlang Wahlang	Dr. G.C. Munda	Studies on productivity of lowland rice under different crop establishment techniques and nutrients management practices	2009
3.	Mr. Haradev Brahma	Dr. A.S Panwar	Performance of toria and raised beds in marshy areas of Meghalaya	2010
4.	Mr. Kevizhalhou Koutou	Dr. G.C. Munda	Influence of land configuration and resources management on productivity of rainfed groundnut – toria cropping system	2011
5.	Ms. Khridinuo Pfukrei	Dr. A. Pattanayak	Path analysis for yield component traits in upland rice and allele mining for aluminium toxicity tolerance	2011
6.	Mr. Demandson Lyngdoh	Dr. Anup Das	Assessment of water efficient cropping system for rainfed terraced situation of Meghalaya	2011
7.	Ms. Thoithoi Huidrom	Dr. A. Pattanayak	Assessment of Molecular variation in the known pericarp colour related genes	2012

			in purple rice (<i>Oryza sativa</i> L.)	
8.	Ms. Tage Obing	Dr. D.J. Rajkhowa	Studies of weed management practices in transplanted rice	2012
9.	Ms. Risakaru Lyngdoh	Dr. Rajesh Kumar	Weed management in maize through legumes intercropping	2012
10.	Ms. Ivalarissa Lyngdoh	Dr. Rajesh Kumar	Effect of zinc application method on yield and nutritional quality of maize	2012
11.	Mr. Santosh B. Raghu	Dr. A. Pattanayak	Development of microsatellite markers for <i>Mormordica charantia</i> and assessment of their cross amplification in some related species	2013
12.	Ms. Bidyapati Ngamgom	Dr. Anup Das	Evaluation of soil moisture conservation measures for enhancing crop water productivity in maize-based cropping	2013
13.	Ms. Karyom Bam	Dr. A. Pattanayak	Screening of a core set of rice germplasm for response to low light intensity and identification of tolerant and susceptible genotypes	2014
14.	Mr. Emdor Shylla	Dr. Anup Das	Influence if residues management of rice cultivars on soil health and productivity of succeeding lentil	2014
15.	Ms. Judiciously Boron	Dr. Rajesh Kumar	Effects of lime, phosphorus and zinc application on maize	2014
16.	Mr. R. Lalruatmawia	Dr. A. Pattanayak	Line X Tester analysis of a set of rice genotypes and evaluation for heat tolerance at grain filling stage	2015
17.	Mr. Rohitashv Nagar	Dr. Rajesh Kumar	Effect of lime and boron fertilization on soybean	2015
18.	Mr. Santanu Das	Dr. Anup Das	Effect of micro-nutrients and liming on productivity of groundnut and their residual effect on toria	2015
19.	Mr. Hoineichong Singson	Dr. Ramkrushna G.I.	Zinc bio fortification in rice grain through zinc fertilization	2016
20.	Ms. Bharati Lap	Dr. Avinash Pandey	Assessment of genetic diversity in Job's Tears (<i>Coix lacryma-jobi</i> L.) germplasm using morphological and SSR markers	2016
21.	Ms. Anni Lego	Dr. Avinash Pandey	Morphological and molecular characterization of upland rice	2017

			germplasm and screening for the presence of fertility restorer genes	
22.	Ms. Yengkhom Sanatombi Devi	Dr. Avinash Pandey	Assessment of genetic diversity in ricebean (<i>Vigna umbellata</i>) germplasm using morphological and molecular markers	2017
NATURAL RESOURCE MANAGEMENT				
1.	Mr. Ian Borney Saiborne	Dr. N. K. Lenka	Forms and availability of sulphur in the soils of Ri Bhoi district of Meghalaya	2010
2.	Mr. Akbar Malang	Dr. B.U. Choudhury	Studies on fertility status and productivity potential of coalmine affected soils and their adjoining areas of Jaintia Hills district of Meghalaya, NE India	2010
3.	Mr. Derek Pariat	Dr. Patiram	Physiological lime requirement of wheat crop	2011
4.	Ms. N. Leindah Devi	Dr. B.U.Choudhury	Impact of shifting cultivation cycle and land use practices on soil health in Manipur, NE India	2011
5.	Mr. Markynthis S. Lyngdoh	Dr. B.U.Choudhury	Derived crop coefficient through field water balance approach for rainfed lowland rice	2012
6.	Ms. Anita Nabam	Dr. Samarendra Hazarika	Comparative evaluation of organic manures and lime for amelioration of Acid soil	2013
7.	Mr. Khwairakpam Surchand Singh	Dr. Samarendra Hazarika	Long-Term Management effects on soil quality of peach orchard	2013
8.	Mr. T. Thomas Meetei	Dr. B.U.Choudhury	Assessment of soil health of Agroforestry systems in the Mid-Hills of Meghalaya	2013
9.	Mr Aiarson Sangma	Dr. K.P. Mohapatra	Study of morphological and genetic variability of Ginger (<i>Zingiber officinalis</i>) accessions of North East India	
10.	Mr. Mangkara A. Marwein	Dr. B.U.Choudhury	Influence of Phosphorus, Lime and Water Regime on Water Productivity and Phosphorus Nutrition of Maize (<i>Zea mays</i> L.)	2014
11.	Mr. Bakhriamdor Sohliya	Dr. Samarendra Hazarika	Influence of organic amendments on phosphorus nutrition in groundnut	2015

			(<i>Arachis Hypogea</i> L.) under Acidic soil	
12.	Mr. Puna Oppo	Dr. Manoj Kumar	Evaluation of soil test methods for available phosphorus in acidic soils	2015
13.	Mr. Bhukya Naresh	Dr. Samarendra Hazarika	Aluminum Toxicity Tolerance of Maize (<i>Zea mays</i> L.) cultivars of North East India	2016
14.	Ms. Babulyn Kharjana	Dr. K.P. Mohapatra	Genetic divergence studies in selected gerplasm lines of <i>Mucuna pruriens</i> using morphological, biochemical and molecular markers	2016
15.	Ms. Pem Thinley	Dr. U.S. Saikia	Micro-climatic characterization of <i>kharif</i> maize (<i>Zea mays</i> L.) under different dates of sowing at mid hill condition of Meghalaya	2016
16.	Ms. Labuhty Giri Mawlong	Dr. B.C. Verma	Soil biochemical properties under nutrient management regimes in acid soil	2016
17.	Mr. Bondre Vaibhao Uttam	Dr. Manoj Kumar	Evaluation of soil test methods for available zinc in acidic soils	2016
18.	Ms. Thungjano Tsopoe	Dr. Manoj Kumar	Aluminum, phosphorus and lime interaction on pea (<i>Pisum sativum</i> L.) in acid soil	2016
19.	Mr. Hiralal Debbarma	Dr. K.P. Mohapatra	Response to selection for yield contributing traits in <i>Brassica campestris</i> under acidic upland soils	2017

Divisions	No. of completed Theses since 2007
Horticulture	09
Social Sciences	09
NRM	19
Crop Production	22
Crop Protection	49
Total	108