COLLEGE OF AGRICULTURAL ENGINEERING
AND POST HARVEST TECHNOLOGY
(CENTRAL AGRICULTURAL UNIVERSITY, IMPHAL)
Ranipool, Gangtok
Pin : 737135, Sikkim, India

CERTIFICATE - II

This is to certify that the thesis entitled **"Development of Ergonomically Designed Self-propelled Planter with Electronic-Seed Metering System"** submitted by **Asif Beg (U-19-SK-01-009-D-E-001)** to the Central Agricultural University, Imphal-795004 (Manipur) in partial fulfillment of the requirements for the award of the degree of **Doctor of Philosophy** in **Agricultural Engineering with specialization** in**Farm Machinery and Power Engineering** has been approved by the Student's Advisory Committee after oral examination jointly with an External Examiner.

External Examiner

(N.S. Chauhan)
Chairperson, Student's Advisory Committee

Head of Department

(S.K. Satpathy)
Member, Student's Advisory Committee

Dean of Faculty

(M.S. Seveda)
Member, Student's Advisory Committee

(S.K. Meher)
Member, Student's Advisory Committee

Appendix – VII

COLLEGE OF AGRICULTURAL ENGINEERING AND POST HARVEST TECHNOLOGY, RANIPOOL
CENTRAL AGRICULTURAL UNIVERSITY
IMPHAL-795004 (MANIPUR)

Certificate of Thesis viva-voce of Ph.D. student

This is to certify that, thesis entitled "Development of Ergonomically Designed Self-propelled Planter with Electronic-seed Metering System" submitted by **Mr. Asif Beg** Registration No. **U-19-SK-01-009-D-E-001** to the Central Agricultural University, Imphal in partial fulfilment of the requirement for the degree of Doctor of Philosophy (Agricultural Engineering) in the subject of Farm Machinery and Power Engineering has been examined by us in a viva-voce held on **26/05/2023** and found **satisfactory.**

(S. Karmakar)
External examiner

(N.S. Chauhan)
Chairperson, Students Advisory Committee

(S.K. Satpathy)
Member, Students Advisory Committee

(M.S. Seveda)
Member, Students Advisory Committee

(S.K. Meher)
Member, Students Advisory Committee

Forwarded to Dean

Head of the Department

Dean of the college

Forwarded to the Registrar, CAU Imphal