

15013/G

17 HORSE
PIN-912617
c/o 56 APO

26 Feb 2026

The Vice Chancellor
Harcourt Butler Technical University
Kanpur-208002

CERTIFICATE OF EXCELLENCE AND RECEIPT

1. The 17 Horse have successfully received 10 x Remote Controlled Plane from Aero Club, Harcourt Butler Technical University, Kanpur (UP) on 01 February 2026.
2. My sincere appreciation for the outstanding contribution made by student of your esteemed University Mr Dheeraj Kumar and Shahnawaz Mir Ahmad Gojar final year Mechanical Engineering for successfully trials was also given on 05, 06, & 07 February 2026 under the guidance of Dr SKS Yadav, during this Regt Annual Field Firing at Babina Field Firing Range (UP).
3. Please accept my compliments for nurturing such a talented student and I convey my best wishes for his continued success in future endeavours.

With warm regards

Yours sincerely


(Rajin Mathew)
कर्नल

Colonel
सशस्त्र 17 हार्स
Commandant 17 Horse



PROJECT REPORT ON RC PLANE FABRICATION AND SUPPLY FOR DEFENCE APPLICATION

The HBTU Aeroclub in Kanpur has achieved a significant milestone in defense technology by developing 10 indigenous Radio-Controlled (RC) aircraft for the Indian Army's target practice. Created under the guidance of Convenor Dr. S.K.S. Yadav, the project was executed by a dedicated student team including final-year students Dheeraj Kumar and Shahnawaz Ahmad, third-year student Mulayam Singh, and second-year students Arun Jatav, Arun Kumar, Arnav Bamniya, and Ujjwal Patel. These fixed-wing drones serve a dual purpose: they act as realistic targets to train soldiers in neutralizing enemy threats and provide a robust platform for training future drone pilots.



During the exercises at Babina field firing range, the aircraft demonstrated high maneuverability and precision, successfully operating within a 500–700 meter range despite having a maximum technical capacity of 1.5 kilometers. Army officials praised the technical skill of the HBTU team and the quality of the aircraft, noting their effectiveness for anti-drone warfare drills. This successful collaboration highlights the university's commitment to "Atmanirbhar Bharat" by providing cost-effective, homegrown solutions to modern military challenges.



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Ref no : 868/MED/Ent/2026

To
Hon'ble Vice Chancellor
H.B.T.U Kanpur

Ref no: 342/MED/Int/2026
dt: 09.02.26
Prof. S.K.S. Yadav

21/01/2026

dt: 23.01.26

Head
Mechanical Engineering Department
School of Engineering
H.B.T.U., Kanpur-208002

Respected Sir

This has reference to attached letter no 4101/SRE/QC/G dated 20 Jan 2026 from Captain VVS Rathore, 17 Horse Defence Regiment office, Samba J&K.

On the basis of successful demonstration of fixed wing RC aircraft by Aeroclub, Mechanical Engineering Department the regiment office has requested for 10 fabricated fixed wing R.C Aircraft which is matter of proud for HBTU Kanpur.

The estimated cost of 10 R.C plane is approximately Rs 150000/- (One lac fifty thousand) @ 15000/- R.C plane which they have also committed to pay later. Therefore, it is requested you to pls approve and provide an advance payment of Rs 150,000/- for fabrication of R.C plane in time.

Jajew Fwan,
Prof S.K.S Yadav

Incharge, Aeroclub, MED

HBTU Kanpur

Passed for Payment of ₹.1.50.000/-

₹. One Lac fifty thousand only

A.A

F.C.

1 sec account

22/1/2026

HOD

Adv. Paid

198/NB/25-26

कुलपति
हरकोट बटलर प्राविधिक विश्वविद्यालय
कानपुर-2

Hon'ble V.C. Sir

Permission may be given for the said request & it will definitely add to bridge the gap of Industry expectations & academic curriculum

23.1.2026

Head
Mechanical Engineering Department
School of Engineering
H.B.T.U., Kanpur-208002

(i) Approved

(ii) Pl- follow all B. rules

23/1/2026

कुलपति
हरकोट बटलर प्राविधिक विश्वविद्यालय
कानपुर-2

F.C.

HOD

श्रीवत्स

23-01-2026

AC-42
23/1/26

17 HORSE
PIN-912617
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4101/SRE/QC/G 20Jan 2026

Hon'ble Vice Chancellor
Harcourt Butler Technical
University, Nawabganj
Kanpur- 208002
c/o 56 APO

21/1/2026

Prb. S.K.S. Yadav (MED)

कुलपति
हरकोर्ट बटलर प्राविधिक विश्वविद्यालय
कानपुर-2

REQUIREMENT OF RC PLANE

1. It is submitted that a team from the Aeroclub, Mechanical Engineering Department, HBTU, Kanpur had recently conducted a demonstration of their fabricated Fixed Wing RC Aircraft at this Regiment. The demonstration was found to be highly useful & beneficial for our training requirements.
2. In view of the above, the unit proposes to conduct a formal trial for evaluation & possible procurement of the said RC Aircraft.
3. You are therefore requested to kindly direct the incharge, Aeroclub, Mechanical Engineering Department, HBTU, Kanpur to provide atleast ten (10) Fabricated Fixed Wing RC Aircrafts for trial purposes at our Regiment. Subject to satisfactory performance during trials, necessary arrangements for payment & further procurement in collaboration with HBTU shall be undertaken.
4. For your kind consideration & favorable action please.




(VVS Rathore)
Captain
Adjutant
for Commandant


21/1/26