

REPUBLIC OF SOUTH AFRICA



REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

Sabuzima Nayak; Ripon Patgiri; Uriti Kartheek Chandra Patnaik; Venkata Siva Nageswararao Kadiyala; Hemant Nandkishor Watane; Repudi Ramesh; Ramesh Babu Mallela; Dalton Meitei Thounaojam; National Institute of Technology Silchar

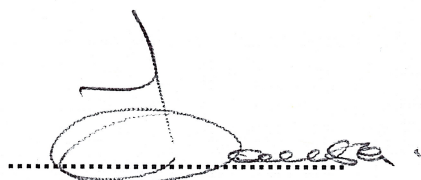
Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2022/05074

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony whereof, the seal of the Patent Office has been affixed at Pretoria with effect from the **25th** day of **January 2023**




Registrar of Patents