



UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA

Established under act 6 of 2008 enacted by the state legislative assembly of Meghalaya &
Incorporated under section 22 and 2(f) of the UGC act 1956

From

Date: 31.07.2021

Dr. Arabinda Chandra Nath

Associate Professor

Department of Chemistry

School of Applied Sciences,

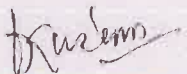
University of Science and Technology, Meghalaya

CERTIFICATE

This is to certify that the dissertation entitled "**STUDIES ON MEDICINAL VALUES OF THE COMPONENTS PRESENT IN GUAVA LEAVES OF ASSAM**" submitted by "MD SIRAJ UDDIN" bearing the "Roll no: 2019/MSC/0004" of M.Sc. Chemistry for the partial fulfilment, for the degree of Masters of Science (M.Sc.) in Chemistry is an authentic work carried out by him during end semester under my supervision and guidance.

Date: 31.07.2021


Dr. Arabinda Chandra Nath


HOD CHEMISTRY
University of Science & Technology
Meghalaya

Techno City, Kiling Road, Baridua, 9th Mile, Ri-Bhoi, Meghalaya – 793101

Ph: 0361-2895030 (telefax), 098540-23060, E-mail: ustm2011@gmail.com

Website: www.ustm.ac.in


Registrar
University of Science & Technology,
Meghalaya



**DEPARTMENT OF PHYSICS
SCHOOL OF APPLIED SCIENCES
UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA**

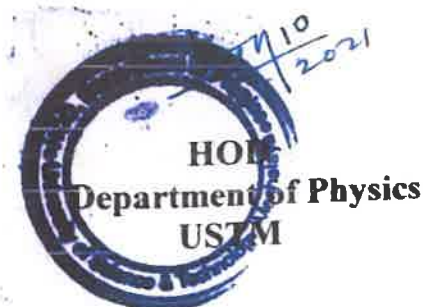
Certificate of approval

I hereby recommend that the thesis prepared by **“Pritam Gurung, Kunal Lohar, Jawahar Jyoti Roy and Isaac L Songate”**, titled **“CALCULATION OF NEUTRON PRODUCTION RATE OF AN IECF DEVICE”** be accepted in partial fulfillment of the requirements for the degree of Bachelor of Science in Physics.

It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve only for the purpose for which it is submitted.

Date: 24/09/2021

Place: USTM



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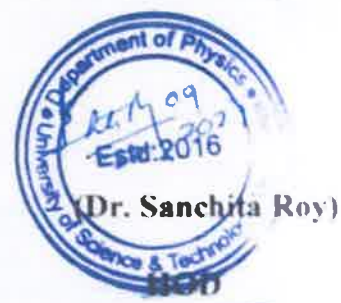
SCHOOL OF APPLIED SCIENCES

UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA

Certificate of approval

I hereby recommend that the thesis prepared under my supervision by KAMIN TALU, BINIT KOWNAR and KAUSHIK SARMA, titled "Zinc Oxide based nanostructures and their photocatalytic application" be accepted in partial fulfillment of the requirements for the degree of Master of Science in Physics

It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve only for the purpose for which it is submitted.



Date: 29.09.21

Place: US7M

Department of Physics

USTM

Registrar
University of Science & Technology,
Meghalaya



UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA

(Established under Act 6 of 2008 enacted by the state legislative Assembly
Of Meghalaya and incorporated under section 22 and 2(f) of the UGC Act 1956)

From

Dr. Arabinda Chandra Nath

Associate Professor, Department of chemistry

School of Applied Sciences,

University of Science and Technology, Meghalaya

Email: arabindacnath@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled, **"Studies on Medicinal Values of Components present in *Psidium guajava* Leaves of Assam: GCMS profiling of compounds present in the extracts"** submitted by Trishna Patgiri, to the Department of Chemistry, USTM is a record of work carried out by her under my supervision. The results embodied in this dissertation have not been submitted to other university or institute for any other degree. The dissertation fulfills the requirements and regulations of the university and in my opinion meets the necessary standards for submission.

Date: 24/07/2021

Dr. Arabinda Chandra Nath

for Trishna
for HOD Chemistry
University of Science & Technology
Meghalaya

Techno City, killing road, Baridua, 9th mile, Ri-Bhoi, Meghalaya-79310, Ph: 0361-2895030

[Signature]
Registrar
University of Science & Technology,
Meghalaya



DEPARTMENT OF APPLIED SCIENCES

GAUHATI UNIVERSITY

Gopinath Bardoloi Nagar, Guwahati-14, Assam

Dr. Pranjal Saikia

pranjalsaikia@gauhati.ac.in

Associate Professor and HoD

8638432961

CERTIFICATE

This is to certify that this dissertation entitled "*Green Synthesis of Cu-Ni bimetallic nanoparticles and their application for organic dye degradation*" submitted by Tosnim Zamila is absolutely based upon her own research work under my guidance and supervision in the Department of Applied Sciences, Gauhati University.

This work has not been submitted in part or full for any degree/diploma and any other award anywhere before.

I wish her all the best for future endeavours.

Date: 31/07/2021

for *Tosnim*
HOD CHEMISTRY
University of Science & Technology
Meghalaya

Pranjal

(Dr. Pranjal Saikia)

JS

Registrar
University of Science & Technology
Meghalaya