



सी.एस.आई.आर राष्ट्रीय धातुकर्म प्रयोगशाला

मद्रास केन्द्र, वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद
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CSIR - National Metallurgical Laboratory Madras Centre

Council of Scientific and Industrial Research, Govt. of India.
CSIR Madras Complex, Taramani, Chennai - 600 113, INDIA.



CERTIFICATE

This is to certify that **Ms. Ranjitha N** (Register No:40910009) pursuing her M.Sc., Chemistry (II Year) at Department of Chemistry, Sathyabama Institute of Science and Technology, Sholinganallur, Chennai, has carried out her project work at our Laboratory under the guidance of Mrs. N. Vasumathi, Principal Scientist, on the topic "EXTRACTION AND CHARACTERISATION OF OIL FROM ANNONA SQUAMOSA SEED", as a partial fulfillment of her degree from November 2021 to April 2022.

I wish success in all her future endeavours.

Chennai

10th May 2022

(N. Vasumathi)



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CERTIFICATE

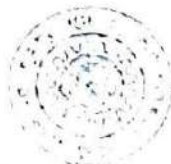
This is to certify that **Mr. Visu G** (Register No: 40910012) pursuing his M.Sc., Chemistry (II Year) at Department of Chemistry, Sathyabama Institute of Science and Technology, Sholinganallur, Chennai, has carried out his project work at our Laboratory under the guidance of Mrs.N.Vasumathi, Principal Scientist, on the topic "EXTRACTION AND CHARACTERISATION OF OIL FROM CARICA PAPAYA SEED", as a partial fulfillment of his degree from November 2021 to April 2022.

I wish success in all his future endeavours.

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सत्यमेव जयते



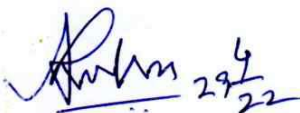
भारता परमाणु अनुसंधान केंद्र
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BONAFIDE CERTIFICATE

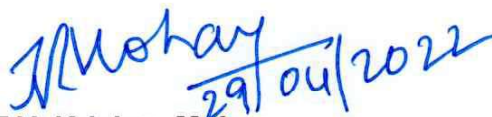
This is to certify that the dissertation entitled "SYNTHESIS AND EVALUATION OF LAYERED METAL SULPHIDES FOR STRONTIUM REMOVAL", carried out by Mr. HARIHARAN R in the partial fulfilment for the award of Degree of Master of Science in Chemistry to SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY. This is a bonafide record of work done at the, *Radiation and Deposit Control Studies Section, Water and Steam Chemistry Division, Bhabha Atomic Research Centre Facilities, Kalpakkam* from December 2021 to April 2022 under the guidance of **Dr. Abdul Nishad**.

This work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on earlier occasion. The work reported herein is the professional work of *Radiation and Deposit Control Studies Section, Water and Steam Chemistry Division, Bhabha Atomic Research Centre Facilities, Kalpakkam* and this should not be published without prior permission from the competent authority.


29/4/22

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29/04/2022

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This is to certify that the dissertation entitled "DEVELOPMENT OF MODIFIED STAINLESS STEEL ELECTRODE FOR ALKALINE WATER ELECTROLYSIS" carried out by Ms. NANDHINI K in the partial fulfilment for the award of Degree of Master of Science in chemistry to SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY. This is a bonafide record of work done at the, *Radiation and Deposit Control Studies Section, Water and Steam Chemistry Division, Bhabha Atomic Research Centre Facilities, Kalpakkam* from December 2021 to April 2022 under the guidance of **Dr. Rajini Antony**

This work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on earlier occasion. The work reported herein is the professional work of *Radiation and Deposit Control Studies Section, Water and Steam Chemistry Division, Bhabha Atomic Research Centre Facilities, Kalpakkam* and this should not be published without prior permission from the competent authority.


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5th May , 2022

To whom so ever it may concern

This is to certify that Ms. I. Greeshma Das, from Sathyabhama institute of science and technology is perceiving her internship, during this she has completed her project work titled "Extraction and identification of essential oils from Oleoresins" at M/s Symrise Private Ltd.

We wish her all the best.



Dr. Harikrishna.T
Head QC/QA