

Photosynthetic Production of Isoprene by Genetically Engineered Cyanobacteria



**Thesis submitted in partial fulfilment
for the award of degree**

Doctor of philosophy

By

INDRAJEET

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CERTIFICATE

It is certified that the work contained in the thesis titled “**Photosynthetic Production of Isoprene by Genetically Engineered Cyanobacteria**” by **Indrajeet** has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive, Candidacy and SOTA.

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DECLARATION BY THE CANDIDATE

I, **Indrajeet**, certify that the work embodied in this thesis is my own bona fide work and carried out by me under the supervision of **Dr. Sanjay Kumar** from **July 2017** to **December 2023**, at the **School of Biochemical Engineering**, Indian Institute of Technology, Varanasi. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in this thesis. I further declare that I have not willfully copied any other's work, paragraphs, text, data, results, *etc.*, reported in journals, books, magazines, reports dissertations, theses, *etc.*, or available at websites and have not included them in this thesis and have not cited as my own work.

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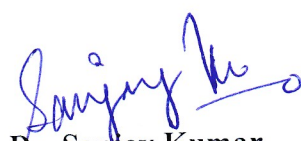
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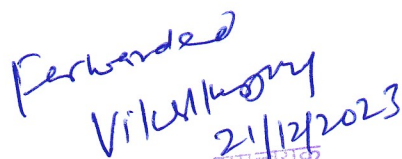
CERTIFICATE BY THE SUPERVISOR

It is certified that the above statement made by the student is correct to the best of my knowledge.


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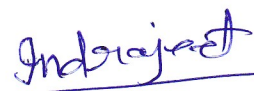
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