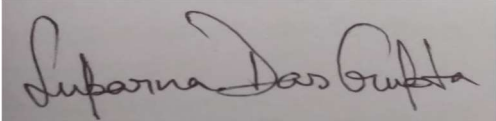



FORM 1 THE PATENTS ACT, 1970 (39 OF 1970) & THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See Section 7, 54 & 135 and Rule 20(1))				(FOR OFFICE USE ONLY)	
				Application No.	
				Filing date:	
				Amount of Fee paid:	
				CBR No:	
				Signature:	
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick ( ? ) at the appropriate category]					
Ordinary ( ✓ )		Convention ( )		PCT-NP ( )	
Divisional ( )	Patent of Addition ( )	Divisional ( )	Patent of Addition ( )	Divisional ( )	Patent of Addition ( )
3A. APPLICANT(S)					
Name in Full		Nationality	Country of Residence	Address of the Applicant	
JIS COLLEGE OF ENGINEERING		Indian	India	House No.	Block A
				Street	Phase III
				City	Kalyani
				State	West Bengal
				Country	India
				Pin Code	741235
3B. CATEGORY OF APPLICANT [Please tick ( ? ) at the appropriate category]					
Natural Person ( )			Other than Natural Person ( )		
Small entity ( )			Others ( )		
Startup ( )					
Educational institution ( ✓ )					
4. INVENTOR(S) [Please tick ( ✓ ) at the appropriate category]					
Are all the inventor(s) same as the applicant(s) named above?			Yes ( )		No ( ✓ )
If "No", furnish the details of the inventor(s)					
Name in Full		Nationality	Country of Residence	Address of the Inventors	
1)	DR. SUPARNA	All are Indian	India	House No.	Assistant Professor, JIS College of Engineering

DASGUPTA			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
2) DR. SUMIT DAS	All are Indian	India	<b>House No.</b>	Assistant Professor, JIS College of Engineering.
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			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
3) PROLAY GHOSH	All are Indian	India	<b>House No.</b>	Assistant Professor, JIS College of Engineering.
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			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
4) MONALI SANYAL	All are Indian	India	<b>House No.</b>	Assistant Professor, JIS College of Engineering.
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			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
5) TIKA FARHANA HOQUE	All are Indian	India	<b>House No.</b>	Student, JIS College of Engineering
			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
6) JAYA BHATTACHARJEE	All are Indian	India	<b>House No.</b>	Student, JIS College Of Engineering
			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	

7) JAYASHREE DHARA	All are Indian	India	<b>House No.</b>	Student, JIS College of Engineering
			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
8) PREET GUPTA	All are Indian	India	<b>House No.</b>	Student, JIS College of Engineering
			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>Name in Full</b>	<b>Nationality</b>	<b>Country of Residence</b>	<b>Address of the Inventors</b>	
9) RUDRA SAMANTA	All are Indian	India	<b>House No.</b>	Student, JIS College of Engineering
			<b>Street</b>	Block A, Phase III
			<b>City</b>	Kalyani
			<b>State</b>	West Bengal
			<b>Country</b>	India
			<b>Pin Code</b>	741235
<b>5. TITLE OF THE INVENTION</b>				
“Rotating Solar Panel Using Arduino”				
<b>6. AUTHORISED REGISTERED PATENT AGENT(S)</b>		<b>IN/PA No.</b>		
		<b>Name</b>		
		<b>Mobile No.</b>		
<b>7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA</b>		<b>Name</b>	<b>Mitra &amp; Associates</b>	
		<b>Postal Address</b>	2/2 Thackriya Road, Alipore, Kolkata - 700027, West Bengal.	
		<b>Telephone No.</b>		
		<b>Mobile No.</b>	9339737641	
		<b>Fax No.</b>		
		<b>E-mail ID</b>	mitraandassociates11@gmail.com deanrnd.jisce@jisgroup.org	
<b>8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION</b>				

Country	Application Number	FILLING DATE	NAME OF THE APPLICANT	TITLE OF THE INVENTION	IPC (as classified in the convention country)
			NA		
<b>9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)</b>					
International application number			International filing date		
NA			NA		
<b>10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION</b>					
Original (first) application No.			Date of filing of original (first) application		
NA			NA		
<b>11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT</b>					
Main application/patent No.			Date of filing of main application		
<b>12. DECLARATIONS</b>					
<p><b>(i) Declaration by the inventor(s)</b></p> <p><b>(In case the applicant is an assignee:</b> the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).</p> <p>I/We, the above named inventor(s) is/are the true &amp; first inventor(s) for this Invention and declare that the Applicant (s) herein is/are my/our assignee or legal representative.</p>					
DR. SUPARNA DASGUPTA					
DR. SUMIT DAS					

PROLAY GHOSH	<i>Prolay Ghosh</i>
MONALI SANYAL	<i>Monali Sanyal</i>
ATIKA FARHANA HOQUE	<i>Atika Farhana Hoque</i>
JAYA BHATTACHARJEE	<i>Jaya Bhattacharjee</i>
JAYASHREE DHARA	<i>Jayashree Dhara</i>
PREET GUPTA	<i>Preet Gupta</i>
RUDRA SAMANTA	<i>Rudra Samanta</i>

**(ii) Declaration by the applicant(s) in the convention country**

**(In case the applicant in India is different than the applicant in the convention country:** the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

**(iii) Declaration by the applicant(s)**

I/We the applicant(s) hereby declare(s) that: -

- I am/ We are in possession of the above-mentioned invention.
- The ~~provisional~~/complete specification relating to the invention is filed with this application.
- The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.
- There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- I am/we are the true & first inventor(s).
- I am/we are the assignee or legal representative of true & first inventor(s).
- The application or each of the applications, particulars of which are given in Paragraph-

8, was the first application in convention country/countries in respect of my/our invention(s).

- ( ) I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- ( ) My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- ( ) The application is divided out of my /our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.
- ( ) The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

**13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION**

**(a) Form 2 in duplicate**

<b>Item</b>	<b>Details</b>	<b>Fee</b>	<b>Remarks</b>
Complete/ <del>provisional</del> specification)#	No. of pages <u>7</u>	1750.00	
No. of Claim(s)	No. of claims <u>07</u> and No. of pages <u>01</u>		
Abstract	No. of pages <u>01</u>		
No. of Drawing(s)	No. of drawings <u>04</u> and No. of pages <u>04</u>		

# In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

- (b) Statement and Undertaking on Form 3
- (c) Declaration as to Inventor ship on Form 5
- (d) Request for Early Publication on Form 9 of Rs. 2,750/-
- ~~(e) Request for Examination on Form 18 of Rs. 4,400/-~~

Total fee. 4500/- - in Cash/~~Bank Draft bearing No. \_\_\_\_\_ date.~~

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters slated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this 10<sup>th</sup> day of September, 2024



Kali Krishna Modak  
(IN/PA-800)

**For Mitra& Associates**

To,  
The Controller of Patents  
The Patent Office,  
At Kolkata