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Application Details	
APPLICATION NUMBER	202241047619
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/08/2022
APPLICANT NAME	1 . ADITYA ENGINEERING COLLEGE 2 . ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY 3 . ADITYA COLLEGE OF ENGINEERING
TITLE OF INVENTION	ENSEMBLE MACHINE LEARNING BASED ROBOTIC SYSTEM FOR SAFE IGNITION OF FIREWORKS
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	murthykvs2000@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/09/2022

Application Status			
APPLICATION STATUS	<b>Awaiting Request for Examination</b>		
			<a href="#">View Documents</a>
			
In case of any discrepancy in status, kindly contact <a href="mailto:ipo-helpdesk@nic.in">ipo-helpdesk@nic.in</a>			

R-1/New Appl. CC-9)  
 F-9  
 P.V.  
 22/08/22



710006153

<b>FORM 1</b> THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 <b>APPLICATION FOR GRANT OF PATENT</b> (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY) D/76948	
Application No.				202241047619	
Filing date:				22/08/2022	
Amount of Fee paid:				1750/-	
CBR No:				33218	
Signature:				P.V. 22/08/22	
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	
Aditya Engineering College		Indian	India	Address	Aditya Engineering College, Surampalem, Gandepalli Mandal, Kakinada District, AP (AEC)
				Mobile	
				E-mail id	
Aditya College of Engineering and Technology		Indian	India	Address	Aditya College of Engineering and Technology, Surampalem, Gandepalli Mandal, Kakinada District, AP (ACET)
				Mobile	
				E-mail id	

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Aditya College of Engineering	Indian	India	Address	Aditya College of Engineering, Surampalem, Gandepalli Mandal, Kakinada District AP (ACOE)
			Mobile	
			E-mail id	

**3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]**

Natural Person ( )	Other than Natural Person		
	Small Entity (✓)	Startup ( )	Others (✗)

**4. INVENTOR(S) [Please tick (✓) at the appropriate category]**

Are all the inventor(s) same as the applicant(s) named above?	Yes ( )	No (✓)
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(a) Signature: *KVS R/M*  
(b) Name: K V S Ramachandra Murthy

(a) Signature: *Jyothirmai*  
(b) Name: Gandeti Jyothirmai

(a) Signature: *B.S.S.*  
(b) Name: B. Satya Sridevi

(a) Signature: *U Rajeev*  
(b) Name: Rajesh Murari

(a) Signature: *A. Krishna*  
(b) Name: A. Krishna

(a) Signature: *N. Praveen*  
(b) Name: Neti Praveen

**5. TITLE OF THE INVENTION**

Ensemble Machine Learning based Robotic System for Safe Ignition of Fireworks

**6. AUTHORISED REGISTERED PATENT**

IN/PA No.

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<b>AGENT(S)</b>		Name			
		Mobile No.			
<b>7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA</b>		Name		Aditya Engineering College	
		Postal Address		Aditya Engineering College, Surampalem, Gandepalli Mandal, Kakinada District, AP (AEC)	
		State		Andhra Pradesh	
		Country		India	
		Pin Code		533 437	
		Mobile		7036266665	
		E-mail id		murthykvs2000@gmail.com	
<b>8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION</b>					
Country	Application Number	Filing date	Name of the applicant	Title of the invention	IPC (as classified in the convention country)
<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		
<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		
<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		

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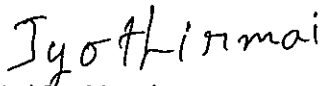
## 12. DECLARATIONS

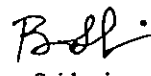
### (i) Declaration by the inventor(s)

(In case the applicant is an assignee: 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).

I/We, the above named inventor(s) is/are the true & first inventor(s) for this Invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.


(a) Signature:   
(b) Name: K V S Ramachandra Murthy

(a) Signature:   
(b) Name: Gandeti Jyothirmai

(a) Signature:   
(b) Name: B. Satya Sridevi

(a) Signature:   
(b) Name: Rajesh Murari

(a) Signature:   
(b) Name: A. Krishna

(a) Signature:   
(b) Name: N. Praveen

### (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)

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

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

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

- (a)  I am/ We are in possession of the above-mentioned invention.
- (b)  The provisional/complete specification relating to the invention is filed with this application.
- (c)  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.
- (d)  There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- (e)  I am/we are the true & first inventor(s).
- (f) I am/we are the assignee or legal representative of true & first inventor(s).
- (g) 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).
- (h) 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.
- (i) My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- (j) 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.
- (k) 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

Item	Details	Fee	Remarks
Complete/ provisional specification)#	No. of pages		
No. of Claim(s)	No. of claims and No. of pages		
Abstract	No. of pages		

No. of Drawing(s)	No. of drawings and No. of pages		
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(a) 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) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(c) Sequence listing in electronic form

(d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.

(f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.

(g) Statement and Undertaking on Form 3

(h)  Declaration of Inventorship on Form 5

(i) Power of Authority

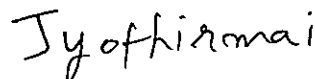
(j).....  
.....

Total fee ₹.....in Cash/ Banker's Cheque /Bank Draft bearing No..... Date on  
..... Bank.

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.

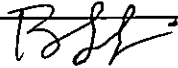
Dated this.....day of.....20.....


(a) Signature:   
(b) Name: K V S Ramachandra Murthy


(a) Signature:   
(b) Name: Gandeti Jyothirmai


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(a) Signature:   
(b) Name: B. Satya Sridevi

(a) Signature:   
(b) Name: Rajesh Murari

(a) Signature:   
(b) Name: A. Krishna

(a) Signature:   
(b) Name: Neti Praveen

To,  
The Controller of Patents  
The Patent Office, at.....

Note: -

- \* Repeat boxes in case of more than one entry.
  - \* To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
  - \* Tick (✓)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
  - \* Name of the inventor and applicant should be given in full, family name in the beginning.
  - \* Strike out the portion which is/are not applicable.
- For fee: See First Schedule";

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