

FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)		(FOR OFFICE USE ONLY)			
		Application No.			
		Filing date:			
		Amount of Fee			
		paid:			
		CBR No:			
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (<input checked="" type="checkbox"/>)		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	
SAVEETHA ENGINEERING COLLEGE		Indian	India	Saveetha Nagar, Thandalam, Chennai, Tamilnadu, India, 602105	
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]					
Natural Person()		Other than natural person() Small Entity () Startup () Others(<input checked="" type="checkbox"/>)			
4. INVENTOR(S) [Please tick (✓) at the appropriate category]					
Are all the inventor(s) same as the applicant(s) named above?		Yes()		No (<input checked="" type="checkbox"/>)	
If "No", furnish the details of the inventor(s)					
Name in Full		Nationality	Country of Residence	Address of the Inventor	
Dr. Sellakumar		Indian	India	Assistant Professor Department of Mechanical Engineering (SCOFT), Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105, Tamilnadu, India	

NAVEEN M	Indian	India	Department of Computer Science Engineering(Internet Of Things), Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105, Tamilnadu, India.
LINGESWARAN K	Indian	India	Department of Computer Science Engineering(Internet Of Things), Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105, Tamilnadu, India.
SUDHARSAN RAM M	Indian	India	Department of Computer Science Engineering(Internet Of Things), Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105, Tamilnadu, India.

5. TITLE OF THE INVENTION

SMART DAM MONITORING SYSTEM USING IOT, MACHINE LEARNING, AND COMPUTER VISION

6. AUTHORISED REGISTERED PATENT AGENT(S)	IN/PA No.	NIL
	Name	
	Mobile No.	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA	Name	Dr.V.Vijaya Chamundeeswari
	Postal Address	Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai -602105, Tamil Nadu.
	Telephone No.	
	Mobile No.	
	Fax No.	
	E-mail ID	<u>sellakumar@saveetha.ac.in</u>

8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION : NIL

Country	Application No.	Filling Date	Name of the Applicant	Title of Invention	IPC (as classified in the convention country)
NA	NA	NA	NA	NA	NAX

9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)

International application number	International filing date
NIL	NIL

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION

Original (first) application No	. Date of filing of original (first) application
NIL	NIL

11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT

Main application/patent No.	Date of filing of main application
NIL	NIL

12. DECLARATIONS

i) Declaration by the inventor(s) (In case the applicant is an assignee: the inventor(s) may sign here in 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) Date :

(b) Signature(s)

1. M. 
2. K. Lingeshwaran 
3. Sudharsan Ram M 

(c) Name(s)

1. NAVEEN M
2. LINGESWARAN K
3. SUDHARSAN RAM M

(iii) Declaration by the applicant(s)

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

- ✓ We are in possession of the above-mentioned invention.
- ✓ The provisional/complete specification relating to the invention is filled 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.
- ✓ We are the true & first inventor(s).
- ✓ 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).
- ⊗ 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.
- ⊗ 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 **05/10/2017**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.

1. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete/ provisional specification)#	No. of pages – 12		
No. of Claim(s)	No. of claims – 5 No. of pages -1		
Abstract	No. of pages – 1		
No. of Drawing(s)	No. of drawings - 4 No. of pages – 4		

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

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

(g) Statement and Undertaking on Form 3

- (h) Declaration of Inventor ship on Form 5
(j) Request for publication on Form 9
(k) Request/Express request for examination of application for patent on Form 18

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

Date.....on Bank.

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 us for the said invention.

Dated this:

Signature:

Name: Dr. V.Vijaya Chamundeeswari

To

The Controller of Patents
The Patent Office, at Chennai

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";