

(54) Title of the invention : Impact of Assessing the Economic Benefits of Stock Markets Development in India

(51) International classification	:G06Q 40/00, G06Q 40/04, G06Q 40/06, G06Q 10/06, G06Q 10/00	(71)Name of Applicant : 1)Vels Institute of Science Technology and Advanced Studies Address of Applicant :Vels Institute of Science Technology and Advanced Studies, Pallavaram, Chennai – 600117, Tamil Nadu, India Tamil Nadu India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Dr. K. Kalaiselvi
(33) Name of priority country	:NA	2)Dr. Shashila. S
(86) International Application No	:	3)Dr. P. Vijayashree
Filing Date	:01/01/1900	4)Dr. G. S. Dhanashree
(87) International Publication No	: NA	5)Dr. H. Kamilah Banu
(61) Patent of Addition to Application Number	:NA	6)Dr. Mohana Priya M
Filing Date	:NA	7)Dr. A. Krishnan
(62) Divisional to Application Number	:NA	8)Dr. P. Vanitha
Filing Date	:NA	9)Dr. Swathi Pradeeba P
		10)Dr. Murugesan D

(57) Abstract :

The proposed invention presents a comprehensive analytical system designed to assess and quantify the economic benefits resulting from the development of stock markets in India. The system integrates financial datasets, macroeconomic indicators, regulatory records, and real-time market data into a unified analysis framework powered by AI, econometric modeling, and predictive algorithms. It evaluates direct and indirect contributions of stock market growth, including capital formation, employment generation, liquidity enhancement, investment expansion, and overall influence on GDP and sectoral development. The invention further incorporates forecasting modules, comparative international benchmarking, and dynamic visualization tools to help policymakers, regulators, and financial institutions make informed strategic decisions. By providing accurate, data-driven, and continuously updated insights, the proposed system enhances understanding of how stock market evolution supports national economic progress, improves financial stability, and strengthens long-term development planning.

No. of Pages : 27 No. of Claims : 10

“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:	
				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	
Vels Institute of Science Technology and Advanced Studies		Indian	India	Vels Institute of Science Technology and Advanced Studies, Pallavaram, Chennai – 600117, Tamil Nadu, India	
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]					
Natural Person ()		Other than Natural Person			
		Educational Institutions ((✓)	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 (✓)	
If “No”, furnish the details of the inventor(s)					
Name in Full		Nationality	Country of Residence	Address of the Inventor	
1. Dr. K. Kalaiselvi		Indian	India	Associate Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India	
2. Dr. Shashila. S		Indian	India	Assistant Professor, Commerce,	

			Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
3. Dr. P. Vijayashree	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
4. Dr. G. S. Dhanashree	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
5. Dr. H. Kamilah Banu	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
6. Dr. Mohana Priya M	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
7. Dr. A. Krishnan	Indian	India	Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
8. Dr. P. Vanitha	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
9. Dr. Swathi Pradeeba P	Indian	India	Assistant Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
10. Dr. Murugesan D	Indian	India	Professor, Commerce, Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu - 600117, India
5. TITLE OF THE INVENTION			
“Impact of Assessing the Economic Benefits of Stock Markets Development in India”			
6. AUTHORISED REGISTERED PATENT AGENT(S)		IN/PA No.	
		Name	
		Mobile No.	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA		Name	Dr. K. Kalaiselvi
		Postal Address	Associate Professor, Commerce, Vels Institute of Science Technology

	and Advanced Studies, Chennai, Tamil Nadu - 600117, India
Telephone No.	
Mobile No.	9865889000
Fax No.	
E-mail ID	arinnapatent@Gmail.Com

**8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN-
CONVENTION**

COUNTRY, PARTICULARS OF CONVENTION APPLICATION

Country	Application Number	Filing date	Name of the applicant	Title of the invention	IPC (as classified in the convention country)

**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

**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

**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

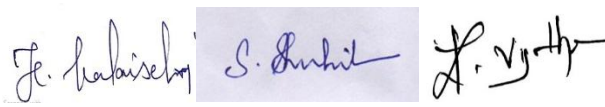
12. DECLARATIONS

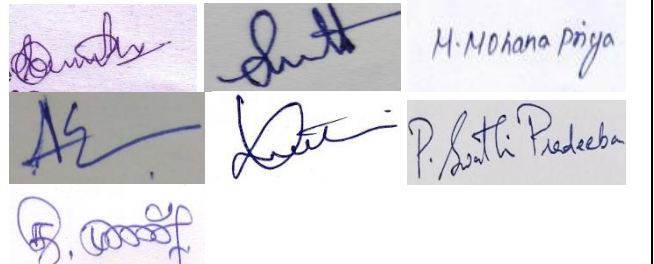
i) Declaration by the inventor(s)

(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) Date 25/12/2025

(b) Name	(c) Signature
1. Dr. K. Kalaiselvi	
2. Dr. Shashila. S	
3. Dr. P. Vijayashree	
4. Dr. G. S. Dhanashree	

<p>5. Dr. H. Kamilah Banu 6. Dr. Mohana Priya M 7. Dr. A. Krishnan 8. Dr. P. Vanitha 9. Dr. Swathi Pradeeba P 10. Dr. Murugesan D</p>	
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(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.~~

~~(a) Date~~

~~(b) Signature(s)~~

~~(c) Name(s) of the signatory~~

(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

Item	Details	Fee	Remarks
Complete/ Provisional specification) #	No. of pages: 24		
No. of Claim(s)	No. of claims: 10 No. of pages: 02		
Abstract	No. of pages: 01		
No. of Drawing(s)	No. of drawings: 00 No. of pages: 00		

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 25th day of December 2025

Applicant: Vels Institute of Science Technology and Advanced Studies

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”;

FORM- 5
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patents Rules, 2003
DECLARATION AS TO INVENTORSHIP
[See Section 10(6) and Rule 13(6)]

1. NAME OF THE APPLICANT(S)

We, **Vels Institute of Science, Technology & Advanced Studies (VISTAS)**, having office at, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai – 600 117, Tamil Nadu, India.

hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of ~~my~~/ our application numbered _____ dated 10-04-2026 ~~is~~/are

2. INVENTOR(S)

(a) NAME	(b) NATIONALITY	(c) ADDRESS
1. Dr. K. Majini Jes Bella	Indian	Assistant Professor, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India
2. N. Mythily	Indian	Research Scholar (FT), Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India
3. K. Gayathri	Indian	Research Scholar, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India

4. Dr. M. Jayanthi Kala Lincy	Indian	Assistant Professor, Mahalashmi Women's College of Arts and Science, Street Number 1, Paruthippattu, Mahalakshmi Nagar, Avadi, Pin: 600071, Tamil Nadu, India
5. Dr. V. Bala Ruby	Indian	Assistant Professor, Department of Economics, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
6. Dr. P. Vijayashree	Indian	Assistant Professor, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
7. Ms. G. Suvetha	Indian	Assistant Professor, Electronics and Communication Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
8. Dr. Mary Livinsa Z	Indian	Associate Professor, Electronics and Communication Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
9. Dr. Arul Stephen. C	Indian	Associate Professor, Electronics and Communication Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
10. Dr. A. Punitha	Indian	Assistant Professor, Department of Mathematics, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India

~~3. DECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA IS FILED BY THE APPLICANT(S) IN THE CONVENTION COUNTRY:--~~

N.A.

~~We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way of assignment from the true and first inventor(s).~~

Dated this 10th day of April 2026

Vels Institute of Science, Technology & Advanced
Studies (VISTAS)
Applicant

To,
The Controller of Patents
The Patent Office, Chennai

FORM 9

THE PATENT ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003

REQUEST FOR PUBLICATION

[See section 11A (2) rule 24A]

I/We **Vels Institute of Science, Technology & Advanced Studies (VISTAS)** hereby request for early publication of my/our [Patent Application No.] TEMP/E-1/50607/2026-CHE

Dated **10/04/2026 00:00:00** under section 11A(2) of the Act.

Dated this(Final Payment Date):-----

Signature

Name of the signatory

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

This form is electronically generated.

FORM 9

THE PATENT ACT, 1970
(39 of 1970)

&

THE PATENTS RULES, 2003

REQUEST FOR PUBLICATION

[See section 11A (2) rule 24A]

I/We **Vels Institute of Science, Technology & Advanced Studies (VISTAS)** hereby request for early publication of my/our [Patent Application No.] TEMP/E-1/50607/2026-CHE

Dated **10/04/2026 00:00:00** under section 11A(2) of the Act.

Dated this(Final Payment Date):-----

Signature

Name of the signatory


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

This form is electronically generated.

**“FORM 28
THE PATENTS ACT,
1970(39 of 1970)
AND
THE PATENTS RULES, 2003
TO BE SUBMITTED BY A SMALL ENTITY /STARTUP/EDUCATIONAL
INSTITUTION**

[See rules 2 (fa), 2(fb), 2(ca) and 7]


1	Insert name, address and nationality.	<p>We, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Address: We, Vels Institute of Science, Technology & Advanced Studies (VISTAS), having office at, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai – 600 117, Tamil Nadu, India., applicant in respect of the patent application no.or patent no.....</p> <p>hereby declare that we are a small entity in accordance with rule 2(fa) or a startup in accordance with rule 2(fb) or an educational institution in accordance with rule 2(ca) and submit the following document(s) as proof:</p>
2	Documents to be submitted	
	i. For claiming the status of a small entity:	
	A. For an Indian applicant: Evidence of registration under the Micro, Small and Medium Enterprises Act, 2006 (27 of 2006).	
	B. In case of a foreign entity: Any other document.	
	ii. For claiming the status of a startup	
	A. For an Indian applicant: Any document as evidence of eligibility, as defined in rule 2(fb).	
	B. In case of a foreign entity: Any other document.	

	iii For claiming the status of an educational institution	
	✓ A. For an Indian applicant: Any document as evidence of eligibility	
	B. In case of a foreign educational institution: Any other document.	
3	To be signed by the applicant(s) / patentee (s) / authorised registered patent agent.	The information provided herein is correct to the best of my/our knowledge and belief. Dated this 10th day of April 2026
4	Name of the natural person who has signed.	 Dr. Harish Sharma (IN/PA-3649) Signature: Agent for the Applicant Name: Dr. Harish Sharma (Agent for Applicant)

**“FORM 28
THE PATENTS ACT,
1970(39 of 1970)
AND
THE PATENTS RULES, 2003
TO BE SUBMITTED BY A SMALL ENTITY /STARTUP/EDUCATIONAL
INSTITUTION**

[See rules 2 (fa), 2(fb), 2(ca) and 7]

1	Insert name, address and nationality.	<p>We, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Address: We, Vels Institute of Science, Technology & Advanced Studies (VISTAS), having office at, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai – 600 117, Tamil Nadu, India., applicant in respect of the patent application no.or patent no.....</p> <p>hereby declare that we are a small entity in accordance with rule 2(fa) or a startup in accordance with rule 2(fb) or an educational institution in accordance with rule 2(ca) and submit the following document(s) as proof:</p>
2	Documents to be submitted	
	i. For claiming the status of a small entity:	
	A. For an Indian applicant: Evidence of registration under the Micro, Small and Medium Enterprises Act, 2006 (27 of 2006).	
	B. In case of a foreign entity: Any other document.	
	ii. For claiming the status of a startup	
	A. For an Indian applicant: Any document as evidence of eligibility, as defined in rule 2(fb).	
	B. In case of a foreign entity: Any other document.	

	iii For claiming the status of an educational institution	
	✓ A. For an Indian applicant: Any document as evidence of eligibility	
	B. In case of a foreign educational institution: Any other document.	
3	To be signed by the applicant(s) / patentee (s) / authorised registered patent agent.	The information provided herein is correct to the best of my/our knowledge and belief. Dated this 10th day of April 2026
4	Name of the natural person who has signed.	 Dr. Harish Sharma (IN/PA-3649) Signature: Agent for the Applicant Name: Dr. Harish Sharma (Agent for Applicant)

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:	
				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	
Vels Institute of Science, Technology & Advanced Studies (VISTAS)		Indian	India	Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai – 600 117, Tamil Nadu, India.	
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]					
Natural Person ()		Other than Natural Person			
		Small Entity ()		Startup ()	Educational Institutions ((✓)
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 Inventor	
1. Dr. K. Majini Jes Bella		Indian	India	Assistant Professor, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu,	

			India
2. N. Mythily	Indian	India	Research Scholar (FT), Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India
3. K. Gayathri	Indian	India	Research Scholar, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India
4. Dr. M. Jayanthi Kala Lincy	Indian	India	Assistant Professor, Mahalashmi Women's College of Arts and Science, Street Number 1, Paruthippattu, Mahalakshmi Nagar, Avadi, Pin: 600071, Tamil Nadu, India
5. Dr. V. Bala Ruby	Indian	India	Assistant Professor, Department of Economics, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
6. Dr. P. Vijayashree	Indian	India	Assistant Professor, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
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8. Dr. Mary Livinsa Z	Indian	India	Associate Professor, Electronics and Communication Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
9. Dr. Arul Stephen. C	Indian	India	Associate Professor, Electronics and Communication Engineering, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road Pallavaram, Chennai, Pin: 600117, Tamil Nadu, India
10. Dr. A. Punitha	Indian	India	Assistant Professor, Department of Mathematics, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India

5. TITLE OF THE INVENTION

“Women-Led Enterprise Performance Monitoring and Financial Management System”

6. AUTHORISED REGISTERED PATENT AGENT(S)	IN/PA No.	3649
	Name	Dr. Harish Sharma
	Mobile No.	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA	Name	Dr. K. Majini Jes Bella
	Postal Address	Assistant Professor, Department of Commerce, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai, Pin: 600 117, Tamil Nadu, India
	Telephone No.	
	Mobile No.	7845941663

	Fax No.	
	E-mail ID	patentipr23@gmail.com

8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN-CONVENTION

COUNTRY, PARTICULARS OF CONVENTION APPLICATION

Country	Application Number	Filing date	Name of the applicant	Title of the invention	IPC (as classified in the convention country)

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

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

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

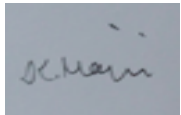

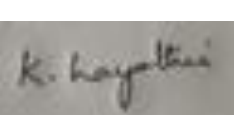

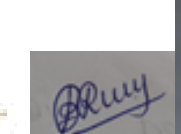
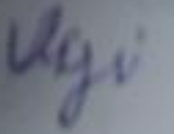

12. DECLARATIONS

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) Date 10/04/2026

(b) Name	(c) Signature
1. Dr. K. Majini Jes Bella	
2. N. Mythily	
3. K. Gayathri	
4. Dr. M. Jayanthi Kala Lincy	
5. Dr. V. Bala Ruby	
6. Dr. P. Vijayashree	
7. Ms. G. Suvetha	
8. Dr. Mary Livinsa Z	
9. Dr. Arul Stephen. C	

10. Dr. A. Punitha

C. A. Punitha
A. P. Punitha

(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.~~

~~(a) Date~~

~~(b) Signature(s)~~

~~(c) Name(s) of the signatory~~

(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			
Item	Details	Fee	Remarks
Complete/ Provisional specification) #	No. of pages: 15		
No. of Claim(s)	No. of claims: 09 No. of pages: 02		
Abstract	No. of pages: 01		
No. of Drawing(s)	No. of drawings: 01 No. of pages: 01		

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

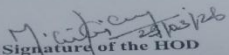
(j) **Total fee ₹.....in Cash/ Banker's Cheque /Bank Draft bearing No.....**

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 10th day of April 2026

Applicant: Vels Institute of Science, Technology & Advanced Studies (VISTAS)


Signature of the HOD
Dr. M. VETRIVEL, Ph.D.,
Associate Professor & Head,
Department of Commerce (CA)
Vels Institute of Science Technology &
Advanced Studies (VISTAS)
Pallavaram, Chennai- 600 117.

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”;