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## Patent Search

Invention Title	SYSTEM FOR CONTROL & MANAGE ARTIFICIAL INTELLIGENT SPEAKER FUNCTIONALITY AND OPERATION USING ELECTRONIC PEN
Publication Number	19/2021
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Application Number	202131016697
Application Filing Date	09/04/2021
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Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F0003035400, H04R0009020000, F24F0011650000, G10L0017040000, H04R0031000000

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### Applicant

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Nazim Ali Khan	Assistant Professor, Department of Mechanical Engineering, Mewat Engineering College (WAKF), Haryana, India	India	India
Dr. Manjula Sanjay Koti	Professor & Head of the Dept., Master of Computer Applications Dept. (MCA), Sir M. Visvesvaraya Institute of Technology (MVIT), Krishnadevarayanagar, Hunsamaranahalli, Off. International Airport Road, Bangalore, Karnataka, India	India	India
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V.Sridhar	Assistant Professor, Department of Electronics & Communication Engineering, Vidya Jyothi Institute of Technology, Telangana, India	India	India

**Abstract:**

The present invention relates to system for control & manage artificial intelligent speaker functionality and operation using electronic pen. The objective of the present invention is to solve the problems in the prior art related to technologies of artificial intelligent speaker functionality and operation using electronic pen.

**Complete Specification**

**FIELD OF INVENTION**

The present invention relates to the technical field of artificial intelligence.  
The present invention relates to field of an artificial intelligent speaker.  
The present invention relates to the technical field of an artificial intelligent speaker functionality and operation control and manage using electronic device.  
More particularly, the present invention is related to system for control & manage artificial intelligent speaker functionality and operation using electronic pen.

**BACKGROUND & PRIOR ART**

The subject matter discussed in the background section should not be assumed to be prior art merely as a result of its mention in the background section. Similarly, a problem mentioned in the background section or associated with the subject matter of the background section should not be assumed to have been previously recognized

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Government of India

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#### Application Details

APPLICATION NUMBER	202131016697
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/04/2021
APPLICANT NAME	1 . Dr. Satish Kumar Kalhotra 2 . G.Sucharitha 3 . Shahnawaz Ahmad 4 . Dr. Shabana Mehfuz 5 . Nazim Ali Khan 6 . Dr. Manjula Sanjay Koti 7 . Dr. Pavithra G. 8 . Dr. T.C.Manjunath 9 . V.Sridhar
TITLE OF INVENTION	SYSTEM FOR CONTROL & MANAGE ARTIFICIAL INTELLIGENT SPEAKER FUNCTIONALITY AND OPERATION USING ELECTRONIC PEN
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	07/05/2021

#### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

In case of any discrepancy in status, kindly contact [ipo-helpdesk@nic.in](mailto:ipo-helpdesk@nic.in)

**FORM 1**  
**THE PATENTS ACT, 1970**  
**(39 of 1970)**  
**&**  
**THE PATENTS RULES, 2003**  
**APPLICATION FOR GRANT OF PATENT**  
**[See sections 7,54 & 135 and rule 20(1)]**

**(FOR OFFICE USE ONLY)**

Application No.: .....  
 Filing Date: .....  
 Amount of Fee Paid: .....  
 CBR No.: .....  
 Signature: .....

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3	Shahnawaz Ahmad	India	Research Scholar, Department of Electrical Engineering, Jamia Millia Islamia (A CENTRAL UNIVERSITY), Delhi, India	India	Delhi
4	Dr. Shabana Mehfuz	India	Professor, Department of Electrical Engineering, Jamia Millia Islamia (A CENTRAL UNIVERSITY) Delhi, India	India	Delhi
5	Nazim Ali Khan	India	Assistant Professor, Department of Mechanical Engineering, Mewat Engineering College (WAKF), Haryana, India	India	Haryana
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## 2. INVENTOR(S):

Sr.No.	Name	Nationality	Address	Country	State
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2	G.Sucharitha	India	Associate Professor, CSE Department, Institute of Aeronautical Engineering, Dhundigal, Hyderabad, India	India	Telangana
3	Shahnawaz Ahmad	India	Research Scholar, Department of Electrical Engineering, Jamia Millia Islamia (A CENTRAL UNIVERSITY), Delhi, India	India	Delhi
4	Dr. Shabana Mehruz	India	Professor, Department of Electrical Engineering, Jamia Millia Islamia (A	India	Delhi

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5	<b>Nazim Ali Khan</b>	<b>India</b>	<b>Assistant Professor, Department of Mechanical Engineering, Mewat Engineering College (WAKF), Haryana, India</b>	<b>India</b>	<b>Haryana</b>
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7	<b>Dr. Pavithra G.</b>	<b>India</b>	<b>Associate Professor, Department of Electronics &amp; Communication Engineering (ECE), Dayananda Sagar College of Engineering (DSCE), Block No. 17, Room No. 17205, Kumaraswamy Layout, Shavigemalleshwara Hills, Bangalore, Karnataka, India</b>	<b>India</b>	<b>Karnataka</b>
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9	<b>V.Sridhar</b>	<b>India</b>	<b>Assistant Professor, Department of Electronics &amp; Communication Engineering, Vidya Jyothi Institute of Technology, Telangana, India</b>	<b>India</b>	<b>Telangana</b>

### 3. TITLE OF THE INVENTION: SYSTEM FOR CONTROL & MANAGE ARTIFICIAL

**INTELLIGENT SPEAKER FUNCTIONALITY AND OPERATION USING ELECTRONIC PEN**

**4. ADDRESS FOR CORRESPONDENCE OF APPLICANT /  
AUTHORISED PATENT AGENT IN INDIA:**  
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**Telephone No.:**  
**Fax No.:**  
**Mobile No: .....**  
**E-mail: 1990uditmamodiya@gmail.com**

**5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:**

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
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**6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:**

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

**7. PARTICULARS FOR FILING DIVISIONAL APPLICATION**

Original (first) Application Number	Date of Filing of Original (first) Application
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**8. PARTICULARS FOR FILING PATENT OF ADDITION:**

Main Application / Patent Number:	Date of Filing of Main Application
-----------------------------------	------------------------------------

**9. DECLARATIONS:****(i) Declaration by the inventor(s)**

I/We ,Dr. Satish Kumar Kalhotra,G.Sucharitha,Shahnawaz Ahmad,Dr. Shabana Mehfuz,Nazim Ali Khan,Dr. Manjula Sanjay Koti,Dr. Pavithra G.,Dr. T.C.Manjunath,V.Sridhar, 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) of the inventor(s): .....

(c) Name(s): Dr. Satish Kumar Kalhotra,G.Sucharitha,Shahnawaz Ahmad,Dr. Shabana Mehfuz,Nazim Ali Khan,Dr. Manjula Sanjay Koti,Dr. Pavithra G.,Dr. T.C.Manjunath,V.Sridhar

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

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 singnatory: Dr. Satish Kumar Kalhotra,G.Sucharitha,Shahnawaz Ahmad,Dr. Shabana Mehfuz,Nazim Ali Khan,Dr. Manjula Sanjay Koti,Dr. Pavithra G.,Dr. T.C.Manjunath,V.Sridhar

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

- **The Complete specification relationg to the invention is filed with this application.**
- **I am/We are, in the possession of the above mentioned invention.**
- **There is no lawful ground of objection to the grant of the Patent to me/us.**

## 10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	REQUEST FOR EARLY PUBLICATION(FORM-9)	form 9.pdf
2	COMPLETE SPECIFICATION	FORM 2.pdf
3	DRAWINGS	Drawing.pdf
4	STATEMENT OF UNDERTAKING (FORM 3)	Form 3.pdf
5	DECLARATION OF INVENTORSHIP (FORM 5)	Form 5.pdf

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

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

Signature: .....

Name: Balram Singh Yadav

To The Controller of Patents

The Patent office at KOLKATA

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