



3.2

3.2.1: Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered) [Q₁]

Greater Noida Institute of Technology (Engg. Institute)

**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**

Index

S.No.	Sub-Criteria 3.2.1: Document Description	Page Number(s)
Qualitative Writeup (QM) 3.2.1		
1	MSME Host Institute (HI) Incubation Centre Approval dated 10 th January 2020 vide Registration No.HIBIUP000733	
2	Certification from MHRD Innovation Cell for Establishment of GNIOT Institution Innovation Council (IIC) dated 11 th September'2020 vide Certificate No.3379 and Registration No.IC202013817	
3	AISHE Code No.C-46231 received vide Certificate dated 20 th October'2020	
4	IIC Calender of Activities for Academic year 2021-22	
5	GNIOT Innovation, Incubation and Startup Policy (GIISP-2021)	
6	IIC certification on Number of Activities carried at GNIOT during academic year 2020-21 as prescribed by Innovation Cell of MoE dated 3 rd January'2022	
7	Patents published and granted by GNIOT faculty members and students in the year 2021	
8	Patents published and granted by GNIOT faculty members and students in the year 2022	



Information about Incubation Center and Innovation Ecosystem

Greater Noida Institute of Technology (Engg. Institute)

**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

GNIOT Innovation, Incubation and startup Policy (GIISP) has provision to sponsor these minor and major projects depending upon initial recommendations of project committees followed by approval from the Research Cell and the Director. A few students from CSE and ECE departments have participated in **e-Yantra Innovation challenge** under **team ID-7723**.

Institutions Innovation Council (IIC)

Our Institute has a dedicated Institutions innovation council established as per the norms of Innovation Cell, MoE, GOI in the year 2020 with IIC code IC202013817. Our institution received 3.5 star rating out of 5 for promoting Innovation and Start-up culture at institute for 2020-21 & 2021-22. Our students participated in grand finale of Smart India Hackathon (SIH) 2022. Our Institute was recognized in the band "PERFOMER" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the MoE, GOI on 29th December 2021.

Unnat Bharat Abhiyan (UBA) Centre

We carry some of the projects under UBA at our campus with the help of IIT Delhi and MoE, GOI. We have adopted 5 villages (Junpat, Kheri, Rampur Bangar, Rampur Khadar, Bhogpur) for conducting various activities on improving quality of life. Smart bio-toilet project fully funded by IIT, Delhi is under progress. Various activities conducted under UBA are: COVID-19 awareness program, masks and sanitizer distribution from 18 -27th April 2021, Survey of villages by faculty members & students from 28.08.2021, 11.10.2021, and 06.04.2022,



women awareness program & sanitary pad distribution on 11 December 2021

MSME Business Incubation Centre

Institute has a Business Incubation centre established by ministry of MSME Govt. of India. Under this scheme many Ideas were submitted by our students and startup companies to Ministry of MSME, GOI. Ministry also approved a fund of 1 Crore subjected to the approval of minimum two ideas.

Decentralized Turnitin Access

The institute purchased genuine **Turnitin** Feedback Studio access having **1550 licenses** for facilitating all students, faculty members and assisting staff. The purchase targets maintaining standards of plagiarism-free writing practices.

Group Journal Ekansh (A platform to report novel multidisciplinary research)

Since 2010, we had launched a research journal **Ekansh** vide ISSN 2230-9756 for providing a platform to all students. Currently its 22nd issue is under preparation in which around 30 manuscripts run after Turnitin were sent to reviewers available in local domain for comments and approval for publishing.

GNIOT Design Centre

A Project of Mission Amrit Sarovar Jal Dharohar Sanrakshan and make design of Tughlakabad Water Baoli, fully funded by Ministry of Housing and urban affairs, Govt. of India and AICTE, New Delhi.

Idea Incubator Zone (IIZ)



The institute purchased an interesting application platform **WYN** designed by **Innovation NEXT** for assisting a budding entrepreneur for issues like registered IPRs, angel investors etc in the year 2021. For providing an ease of access in the academic area, a 150sqft space in one of the existing laboratories was designed as **IIZ**, which is due formal inauguration.





anil madhwal <anilmadhwal@gnit.net>

Reference HI/BI Registration Number : HIBIUP000733

1 message

MSME Incubation Scheme <helpline-msme@gov.in>

Reply-To: helpline-msme@gov.in

To: anilmadhwal@gnit.net

Fri, Jan 10, 2020 at 4:54 PM

Dear DR. RAJESH GOEL,

Your HI/BI Registration Number is : HIBIUP000733

Institute Name: GREATER NOIDA INSTITUTE OF TECHNOLOGY ENGINEERING INSTITUTE

Host Institute approved in principle. It has been decided that no money for Grant for Plant Machinery shall be released to any Host Institute till at least 2 ideas are approved for that HI.

Idea needs to be submitted with the following information within 15 days hereof:

Sr No.	Idea needs
1	Background for getting the idea? a. Who is it for? b. What will it do? c. Which are the potential markets? d. Any unique features? Explain? e. Is there enough demand? f. Can customers afford it? g. Why will they buy it? h. What is your motivation for doing it? (Statement of Purpose)
2	Is it a new concept? a. If no, what kind of competition is existing? What are they offering? How is your product/ service going to be different/ unique? b. If yes, how can you stop competitors from introducing similar offerings?
3	How are you going to sell your product or service to potential customers?
4	How frequently will customers make "repeat purchases" of your product or service?
5	How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?
6	How soon could the idea be put into operation?
7	What is the break-even point and estimated time-frame? Having deducted your costs what "margin" can you make on your product or service?
8	a. How much investment would you need to commercialise the idea. b. What seed funding support would you want from the incubator? c. How will you raise the balance funding required? d. What is the other support apart from financial you will need from the incubator?
9	a. Why are you the best suited person to execute this idea? b. Please share the capabilities of you/ your team in finance, sales, marketing, operations and technical knowledge?
10	How do you intend to protect your idea (i.e. your intellectual property or IP)?

Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start. Please attach the Product/ service documentation.

Regards,
Administrator,
Incubation online application



This email is generated automatically from MIS Data base do not reply



anil madhwal <anilmadhwal@gnit.net>

Reference HI/BI Registration Number : HIBIUP000733

Mon, Jan 13, 2020 at 10:29 AM

anil madhwal <anilmadhwal@gnit.net>
To: Director <director@gnit.net>, Dean Academic <deanacademic@gnit.net>, AMC290@gmail.com, HOD IT <hodit@gnit.net>, MANOJSINGHAL1010@gmail.com, HOD CS <hodcs@gnit.net>, RAJDEV TIWARI <RAJDEVTIWARI@yahoo.com>, HOD ME <hodme@gnit.net>, HOD EC <hodec@gnit.net>, SHELLY Garg <s.singla428@gmail.com>, HOD EE <hodee@gnit.net>, risharmadigdr@yahoo.co.in, HOD CE <hodce@gnit.net>, SHASHIKANT2KS@gmail.com, HOD ME2 <hodme2@gnit.net>, Dean 1st Year <dean1styr@gnit.net>, brajendra chauhan <bsc.niet@gmail.com>, HOD MBA <hodmba@gnit.net>, HOD MCA <hodmca@gnit.net>

To : Dr. Anuranjan Mishra

Please find below the approval of MSME as Host Institute. Further, they informed to submit the Ideas, as per guidelines given.

Submitted for your n.a. pls.

anil madhwal

Copy to : Director : for info.
All Deans / HODs : for info. & n.a.

----- Forwarded message -----
From: MSME Incubation Scheme <helpline-msme@gov.in>
Date: Fri, Jan 10, 2020 at 4:54 PM
Subject: Reference HI/BI Registration Number : HIBIUP000733
To: <anilmadhwal@gnit.net>

Dear DR. RAJESH GOEL,

Your HI/BI Registration Number is : HIBIUP000733

Institute Name:- GREATER NOIDA INSTITUTE OF TECHNOLOGY ENGINEERING INSTITUTE

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2	<p>Is it a new concept?</p> <p>a. If no, what kind of competition is existing? What are they offering? How is your product/ service going to be different/ unique?</p> <p>b. If yes, how can you stop competitors from introducing similar offerings?</p>



Government of India
DC(MSME), Ministry of Micro, Small & Medium Enterprises

Support for Entrepreneurial and Managerial Development of MSMEs through Incubators

Show 10 entries

Search:

Application Remarks			
Action	Date	Status	Remark
MSME-DI Delhi	13/Dec/2019 11:53:33 AM	Deferred By IA	1. Kindly upload balance sheet of the Institute, balance sheet uploaded if of Trust. 2. Kindly upload Industrial R & D undertaken during previous two years. 3. Kindly upload List of Machines/ facilities available with the Institute 4. Pls mention details of IPR/Patent filed if any

Showing 1 to 1 of 1 entries

Previous 1 Next

*1. Details of Institution/Agency

* Institute Name

GREATER NOIDA INSTITUTE OF TECHNOLOGY ENGINEERING INSTITUTE

*Name of the Dean / Principal / Head of the Institute

DR. RAJESH GOEL

*Address of Institution

PLOT NO. 7, KNOWLEDGE PARK - II, GREATER NOIDA

*State

UTTAR PRADESH / उत्तर प्रदेश

*District

GAUTAM BUDDHA NAGAR / गौतमबुद्ध नगर

*Pin code

201310



* Mobile No. +91

9911135522

*Tel No. with STD code

01202320210

*Email Id

anilmadhwal@gnit.net

* 2. Category of the Host Institute

Technical College

Do you want to update (1) Details of Institution/Agency and (2) Category of the Host Institute

[Click here](#)

*3. About the Institution

* Date of establishment

02/07/2001

* Number of teaching staff

183

*Total no. of student

2548

*Number of academic courses offered

13

* Details of registration/affiliation/accreditation

i) University affiliation

[Choose File](#) No file chosen

View/Download [Upload only pdf,File size should not exceed 2 MB]

ii) AICTE approval

[Choose File](#) No file chosen

View/Download [Upload only pdf,File size should not exceed 2 MB]

iii) NABL/ other accreditation

[Choose File](#) No file chosen



[Upload only pdf, File size should not exceed 2 MB]

iv) Any other

No file chosen

[Upload only pdf, File size should not exceed 3 MB]

*Last two years audited annual accounts with auditor's report

No file chosen

[Upload only pdf, File size should not exceed 3 MB] View/Download

Number of students enrolled during last two years

1310

* Already having Business Incubator Center

☒ Yes ☐ No

*4. Details of existing/proposed Business Incubator:

* Name of person in charge of BI

DR. ANURANJAN MISRA

* Designation of person in charge of BI

PROFESSOR

*Email ID

DEANACADEMIC@GNIOT.NET.IN

*Mobile No. +91

8860606614

*Area of BI in Sq. ft.(Total area)

200

*Area of BI in Sq. ft.(buildup area)

132

* Audited financial statements of BI for last two years

No file chosen

[Upload only pdf, File size should not exceed 3 MB]



***List of Major machines/equipment/instrument installed at HI & BI**

List of Major machines/equipment/instrument installed at HI & BI

Save Draft

Note:- Please upload documents by click on upload button.

5. Industrial R&D / consultancy undertaken, if any, during previous two years (submit the certificate of completion of project from the client)

Choose File No file chosen

Upload

[Upload only pdf,File size should not exceed 4 MB]

6. Details of entrepreneurship development related activities undertaken during last two years, if any (submit proof of completion of activities)

Choose File No file chosen

Upload

View/Download

[Upload only pdf,File size should not exceed 4 MB]

7. Details of any assistance taken from any of the schemes of this Ministry:

SNo.	Name of the Scheme	Year of sanction	Amount Sanctioned	Utilization certificate submitted or not	Add
1					Add

Note:- Please fill above information and click Add button.You can repeat adding for multiple details of any assistance taken from any of the schemes of this Ministry.

*** 8. Details of Incubation related activities undertaken by the Business Incubator (BI) in the last three years.**

*** List of products/processes/technologies developed/modified along with details, and whether they have been commercialized or not?**

*** IPRs obtained along with details**

*** Major external assignments executed**



45

***Awards and Recognition (In about 200 words)**

*** Enter Clarification Remark**

Declaration

☒ I have read the scheme guidelines and shall abide by all the terms and conditions required for seeking financial assistance. I hereby, declare that information given above is true to the best of my knowledge, Any information /documents that may be required to be verified shall be provided immediately before the concerned authority. I hereby, declare that I have not availed any financial assistance for the said purpose under any other scheme from any government agency.

*** Verification Code**

Fill display below Verification Code

54LZ56



[Verification code is case sensitive]

No details as filled above can be change once the application is finally submitted.

Update

Website Content Managed by Ministry of Micro Small and Medium Enterprises
Designed, Developed and Hosted by National Informatics Centre(NIC) (<https://www.nic.in/>).



Reference No. :- HIBIUP000733

1. Details of Institution/Agency

Institute Name	GREATER NOIDA INSTITUTE OF TECHNOLOGY ENGINEERING INSTITUTE	Name of the Dean / Principal / Head of the Institute	DR. RAJESH GOEL
Address of Institution	PLOT NO. 7, KNOWLEDGE PARK - II, GREATER NOIDA		
State Name	UTTAR PRADESH	District Name	GAUTAM BUDDHA NAGAR
Pin code	201310	Mobile No. +91	9911135522
Tel No. with STD code	01202320210	Email Id	anilmadhwal[at]gnit[dot]net
2. Category of the Host Institute	Technical College		

3. About the Institution

Date of establishment	02/07/2001	Number of teaching staff	183
Total no. of student	2548	Number of academic courses offered	13

Details of registration/affiliation/accreditation

i) University affiliation	View/Download	ii) AICTE approval	View/Download
iii) NABL/ other accreditation	No File Uploaded	iv) Any other	No File Uploaded
Last two years audited annual accounts with auditor's report	View/Download	Number of students enrolled during last two years	1310

4. Details of existing/proposed Business Incubator:

Already having Business Incubator Center		Yes	
Name of person in charge of BI	DR. ANURANJAN MISRA	Designation of person in charge of BI	PROFESSOR
Email ID	DEANACADEMIC[at]GNIOT[dot]NET[dot]IN	Mobile No. +91	8860606614
Area of BI in Sq. ft.(Total area)	200	Area of BI in Sq. ft.(buildup area)	132
Audited financial statements of BI for last two years	View/Download		



List of Major machines/equipment/instrument installed at HI & BI

Deflection of a Truss Apparatus, Three Hinged Arch Apparatus, Two Hinged Apparatus, Redundant Joint Apparatus, Curved Member Apparatus, Unsymmetrical Bending Apparatus, Column Buckling Apparatus, Apparatus for Verification of Clark Maxwell's Reciprocal Theorem, Flexural Rigidity of Beams, Pelton Wheel Turbine Apparatus, Francis Turbine Apparatus, Centrifugal Pump Apparatus, Reciprocating Pump Apparatus, Hydraulic Ram Apparatus, Total Station Apparatus, Plane Table Apparatus, Dumpy Level Apparatus, Theodolite Apparatus, Compass Survey Apparatus, Planimeter Apparatus, Prism Square Apparatus, Digital Tacheometer Apparatus, Digital Caliper Apparatus, Parallax Bar Apparatus, Permeability test Apparatus, Casagrande Apparatus, Pycnometer Apparatus, Auger Boring Apparatus, Turbidity Apparatus, BOD Incubator, Digital Nephelometer, Digital TDS meter, Digital Ph Meter, Digital Conductivity Meter, Ring and Ball Apparatus, Ductility Test Apparatus, MPFI petrol engine (4-Cylinder), Differential Gear system cut section, Sine Bar and slip gauges, Limit gauges, Transmission system cut section, 4-stroke 3-cylinder petrol engine test rig, Forced convection apparatus, Ice plant test rig, Moulding machine, Locomotive boiler model, Lancashire Boiler model, Babcock Wilcox Boiler model, Parallel flow heat exchanger apparatus, Counter flow heat exchanger apparatus, Natural flow Pin-Fin apparatus, Universal governor apparatus, Gyroscope apparatus, Refrigeration test rig, Air-conditioning test rig, 2-stage reciprocating compressor test rig, Metacentric height apparatus, Hydraulic braking system, Universal testing machine (UTM), Spring testing apparatus, Muffle furnace, Impact testing machine, Polishing machine, Hardness testing machine, Lathe machine, Shaper Machine, Vertical Milling machine, Welding machines (Arc Welding), Pelton wheel turbine, Francis turbine, Centrifugal pump, Reciprocating pump, Impact of jet, Computerized numerical control machine (CNC) Mill trainer, AutoCAD, Turbo C, Lead lag compensator kit, PID Controller kit, Servo motor speed control Kit, DC position and speed control kit, Open and short circuit test on single phase transformer Panel, Load test on DC motor Panel, No Load and block rotor test on single phase and three phase induction motor Panel, Power measure by two wattmeter method Panel, Different bridge circuit kits for measurement of unknown resistance, inductance, capacitance, LVDT kit, Strain Gauge kit, Thermocouple kit, Pressure transducer kit, Panel for Over current, high voltage, under voltage and earth fault relay, Underground cable fault locator Apparatus, Transformer oil testing kit, LUX meter instrument, Kit for Speed measurement using Hall Effect sensor Photoelectric pickup kit, High performance PCs with software's, 8085, 8086 microprocessors kit

5. Industrial R&D / consultancy undertaken, if any, during previous two years (submit the certificate of completion of project from the client)

View/Download

6. Details of entrepreneurship development related activities undertaken during last two years, if any (submit proof of completion of activities)

View/Download

7. Details of any assistance taken from any of the schemes of this Ministry:

8. Details of Incubation related activities undertaken by the Business Incubator (BI) in the last three years.



List of products/processes/technologies developed/modified along with details, and whether they have been commercialized or not?	Commercialized Project The project EMERGENCY SOLAR SYSTEM has been commercialized and is functioning with the existing solar panel system at roof top of the GNIOT. Not Commercialized DIABETIC RETINOPATHY DETECTION FROM RETINAL IMAGES, END TO END ENCRYPTION IN ADHOCK NETWORK, ENERGY EFFICIENT CLUSTERING IN WIRELESS SENSOR N/W USING ANFIS, FAKE CURRENCY DETECTION USING IMAGE PROCESSING, REAL TIME HOMEAUTOMATION USING IOT SERVICES, VIDEO DOOR PHONE IN MOBILE ADHOC N/W, VULNERABILITY ANALYSIS AND PENETRATION TESTING, WATER TANK DESIGN, SEWAGE TREATMENT PLANT, EXPERIMENTAL STUDY OF METAL MATRIX COMPOSITE.OPTIMIZATION OF MICROWAVE CASTING.FABRICATION OF ALUMINIUM COMPOSITE METAL MATRIX COMPOSITE BY ELECTROMAGNETIC STIR CASTING PROCESS.FRICTION STIR WELDING.FABRICATION OPTIMIZATION OF VACUUM ASSISTED MAGNETIC STIR CASTING PROCESS.FABRICATION OF COMPOSITE (AL6082+GRAPHITE) AND OPTIMIZATION OF MACHINING PARAMETERS ON LATHE.EMERGENCY SOLAR SYSTEM, WASTE MANAGEMENT SYSTEM USING COW DUNG, CONVERTING WASTE INTO BIOGAS.BRAIN TUMER DETECTION USING IMAGE PROCESSING,BIRD VOICE RECOGNITION SYSTEM,HOME AUTOMATION SYSTEM,FAKE PRODUCT REVIEW MONITERING AND REMOVAL FOR GENEUINE PRODUCT REVIEW, Phontenna, Voice Controlled Robot, Microstrip Antenna design and Analysis, 3D Printer, Password Based Door Locker Security System, Air Purifier, Electronic Eye,Artificial Intelligence based self-driving car, IOT/AI based Automation
IPRs obtained along with details	Journal of Engineering ICT Management, ISSN 2230-9756, Copyright(c)2011 GNIT Group of Institutions
Major external assignments executed	Commercialized Project:The project EMERGENCY SOLAR SYSTEM has been commercialized and is functioning with the existing solar panel system at roof top of the GNIOT. Not Commercialized :DIABETIC RETINOPATHY DETECTION FROM RETINAL IMAGES, END TO END ENCRYPTION IN ADHOCK NETWORK, ENERGY EFFICIENT CLUSTERING IN WIRELESS SENSOR N/W USING ANFIS, FAKE CURRENCY DETECTION USING IMAGE PROCESSING, REAL TIME HOMEAUTOMATION USING IOT SERVICES, VIDEO DOOR PHONE IN MOBILE ADHOC N/W, VULNERABILITY ANALYSIS AND PENETRATION TESTING, WATER TANK DESIGN, SEWAGE TREATMENT PLANT, EXPERIMENTAL STUDY OF METAL MATRIX COMPOSITE.OPTIMIZATION OF MICROWAVE CASTING.FABRICATION OF ALUMINIUM COMPOSITE METAL MATRIX COMPOSITE BY ELECTROMAGNETIC STIR CASTING PROCESS.FRICTION STIR WELDING.FABRICATION OPTIMIZATION OF VACUUM ASSISTED MAGNETIC STIR CASTING PROCESS.FABRICATION OF COMPOSITE (AL6082+GRAPHITE) AND OPTIMIZATION OF MACHINING PARAMETERS ON LATHE.EMERGENCY SOLAR SYSTEM, WASTE MANAGEMENT SYSTEM USING COW DUNG, CONVERTING WASTE INTO BIOGAS.BRAIN TUMER DETECTION USING IMAGE PROCESSING,BIRD VOICE RECOGNITION SYSTEM,HOME AUTOMATION SYSTEM,FAKE PRODUCT REVIEW MONITERING AND REMOVAL FOR GENEUINE PRODUCT REVIEW, Phontenna, Voice Controlled Robot, Microstrip Antenna design and Analysis, 3D Printer, Password Based Door Locker Security System, Air Purifier, Electronic Eye,Artificial Intelligence based self-driving car, IOT/AI based Automation
Awards and Recognition	Top Private Institute in North India (Under Engineering Category) by Jagran Josh - 2019, A+ Category and Ranked 36th in the B-School Survey 2019 by Chronicle (All India B-School Survey 2019), CSR Excellence in Education Award - 2019, Outstanding Institute in North India 2019 by CEGR - 2019, Ranked 99 All Over in India Ranking by Times B-School - 2019
Implementing Agency	MSME-DI Delhi

Application Remarks

Action	Date	Status	Remark
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PMAC	05/Jan/2020 06:22:31 PM	Approved By PAMC	Host institute approved in principle. It has been decided that no money for Grant for Plant and Machinery shall be released to any Host Institute till at least 2 ideas are approved for that HI. Ideas needs to be submitted with the following information within 15 days hereof: -- What is the problem you are solving, please describe? -- Explain the solution proposed? -- Describe the product/service? Identify the sector to which the product/services relates to? -- What is the unique/innovative /competitive aspect of the product/service --Please let us know, the market target customers positioning of the product. -- Please explain the business plan from seeding, development to commercialization -- Background of the person who all are part of the team working on the project --Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start Please attach the Product/ service documentation. View/Download
NMIU	05/Jan/2020 11:38:28 AM	Forwarded By NMIU	Ideas needs to be submitted with the following information within 15 days hereof: ? What is the problem you are solving, please describe? ? Explain the solution proposed? ? Describe the product/service? Identify the sector to which the product/services relates to? ? What is the unique/innovative /competitive aspect of the product/service? Please let us know, the market target customers positioning of the product. ? Please explain the business plan from seeding, development to commercialization? Background of the person who all are part of the team working on the project? Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start Please attach the Product/ service documentation. View/Download
MSME- DI Delhi	26/Dec/2019 02:51:10 PM	Forwarded By IA	Documents has been uploaded by the Institute.
DR. RAJESH GOEL	20/Dec/2019 11:39:15 AM	Clarification sent by HI/BI	some more project under process of development funded by Dr APJ Abdul Kalam Technical University, Lucknow
MSME- DI Delhi	13/Dec/2019 11:53:33 AM	Clarification Asked by IA	1. Kindly upload balance sheet of the Institute, balance sheet uploaded if of Trust. 2. Kindly upload Industrial R & D undertaken during previous two years. 3. Kindly upload List of Machines/ facilities available with the Institute 4. Pls mention details of IPR/Patent filed if any

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MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



CERTIFICATE

This is to certify that

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA, GREATER NOIDA

has established Institution Innovation Council(IIC) as per the norms of Innovation Cell,
Ministry of Education, Govt. of India during IIC Calendar year 2020-21

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MHRD,
Innovation Cell

Date : 2020-09-11

Certificate No : 3379





Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education, Government of India



CERTIFICATE OF ESTABLISHMENT

This is to certify that

**GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER
NOIDA**

has established an Institution's Innovation Council (IC202013817) in the campus as per
the norms of Innovation Cell, Ministry of Education, Govt. of India during
the academic calendar year 2020-21



Prof. Anil D. Sahasrabudhe
Prof. Anil D. Sahasrabudhe
Chairman
AICTE

Abhay Jere

Dr. Abhay Jere
Chief Innovation Officer
Ministry of Education's Innovation Cell



IIC Calendar Activities for Academic Year 2021-22

Semester I

Quarter 1

Sl. No.	Activity	Thrust Area	Threshold No of Activities Required to Conduct/Quarter
1	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	Inspiration Motivation and Ideation	3 Numbers
2	My Story - Motivational Session by Successful Innovators		
3	My Story - Motivational Session by Successful Entrepreneur/Startup founder.		
4	Session on Problem Solving and Ideation Workshop		
5	Exposure and field visit for problem identification		
6	Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support.		
7	Developing Online Repository of Ideas Developed and Wayforward plan		

Quarter 2

1	Workshop on Design Thinking, Critical thinking and Innovation Design	Validation and Concept Development	3 Numbers
2	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies & Tech-Transfer"		
3	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development		
4	Session on Achieving Problem-Solution Fit & Product-Market Fit		
5	Field/Exposure Visit to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.		
6	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support.		
7	Developing Online Repository of Proof of Concepts (PoCs) Developed and Wayforward plan		

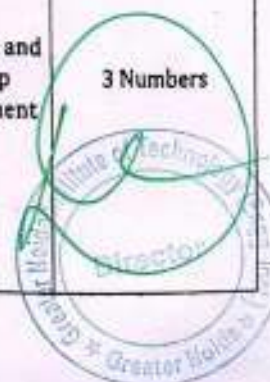
Semester II

Quarter 3

1	Workshop on Prototype/Process Design and Development - Prototyping	Validation and Innovation & Business Model Development	3 Numbers
2	Session/ Workshop on Business Model Canvas (BMC)		
3	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre		
4	Session on "How to plan for Start-up and legal & Ethical Steps"		
5	Workshop on Intellectual Property Rights (IPRs) and IP management for start up		
6	DemoDay/Exhibition/Poster Presentation of Business Plan/Prototype developed & linkage with Innovation Ambassadors for mentorship support.		
7	Developing Online Repository of Business Plan/Prototypes Developed and Wayforward plan		

Quarter 4

1	Session on Innovation/Prototype Validation - Converting Innovation into a Startup (or) Session on Achieving "Value Proposition Fit" & "Business Fit"	Validation and Start-up Development	3 Numbers
2	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs		
3	Organise Session on "Lean Start-up & Minimum Viable Product/Business"- Boot Camp (or) Mentoring Session		
4	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs		
5	Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level		
6	DemoDay/Exhibition/Poster Presentation of Start-ups developed & linkage with Innovation Ambassadors for mentorship support.		
7	Developing Online Repository of Start-ups Developed/incubated and Wayforward plan		



CERTIFICATE

OF PARTICIPATION



GOVERNMENT OF INDIA

Ministry of Micro, Small and Medium Enterprises,
Government of India, congratulates

Anuj Sharma

for participating in 'SAMBHAV', e-NATIONAL LEVEL AWARENESS PROGRAMME, organized in
October-November, 2021 by the Ministry for promoting Entrepreneurship.



(MS. MERCY EPAO)
JOINT SECRETARY,
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES

CERTIFICATE

OF PARTICIPATION



GOVERNMENT OF INDIA

Ministry of Micro, Small and Medium Enterprises,
Government of India, congratulates

Sushant Kumar

for participating in '**SAMBHAV**', e-NATIONAL LEVEL AWARENESS PROGRAMME, organized in
October-November, 2021 by the Ministry for promoting Entrepreneurship.



A handwritten signature in black ink, appearing to be "ME" or similar.

(MS. MERCY EPAO)
JOINT SECRETARY,
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES



GNIOT INNOVATION, INCUBATION AND STARTUP POLICY (GIISP2021)

Startup Advisory and a Guiding Framework

Prepared by

Dr Anuranjan Misra

President, GNIOT-Institute's Innovation Council



"To stimulate Innovation policy Startup culture in conducive Entrepreneurial Environment."



1. INTRODUCTION:

The Ministry of Human Resource Development in 2019, released the National Innovation and Startup Policy 2019 for students and faculty of Higher Education Institutions (HEIs). The Policy is in line with the focus of Central Government on entrepreneurial projects. The framework was created to enable the institutes to actively engage students, faculties and staff in innovation and entrepreneurship related activities. The Guidelines on National Innovation & Startup policy 2019 were published to provide required direction and support in handling, Innovation Startup and Intellectual Property rights related issues.

The framework designed facilitate Ministry of Education Development in bringing uniformity across HEIs in terms of Intellectual Property ownership management, technology licensing and institutional Startup policy, thus enabling creation of a robust innovation and Start up ecosystem across all HEIs.

Innovation and Entrepreneurship must emerge as one of the focal points of today's education system with focus on creation of economic hubs so that the nation aspires to become a five trillion-dollar economy in the near future. To achieve this milestone, systems and mechanisms must be evolved to convert the present demographic dividends into high quality technical human resources, which could eventually create wealth generation hubs through Startups and entrepreneurship.

2. INSTITUTE INNOVATION AND STARTUP COUNCIL (IISC)

IIEDC is being worked upon to provide technical as well as financial assistance to the student's startups, idea generators, and casual grass-root innovators, Start-ups/entrepreneurs. The Centre in a very short span of time has not only created the right voice within the GNIOT Campus.

3. VISION:

To provide a vibrant environment for startups/enterprises having innovative entrepreneurial ideas through well known policies and tactical investments.

4. MISSION:

To provide adequate support inculcating a vibrant Start-up ecosystem resulting in entrepreneurship driven employment and economic growth

5. SHORT TERM OBJECTIVES:

Encourage, facilitate and support development of technological start-ups at institute innovation council of GNIOT. The goal of the center is to promote and support technology based entrepreneurship spirit among the graduated, graduating students and outsiders



6. LONG TERM OBJECTIVES:

Extend support to start-ups developing innovative technology solution for high social impact in sectors like education, food, clean energy, sanitation, healthcare, etc. The Policy would provide guidance and management structure to facilitate the development of entrepreneurship.

7. Focus

The focus of the proposed incubator shall be to help the students of institute as well as the local economic players to augment their products and offerings, by raising the technology quotient. By augmentation, it is meant to either upgrade the existing processes or propose an alternative process using the latest technologies. At the same time, products in the state prepare institute for Atal Ranking of institutions on innovation achievement framework.

1. Thrust Area

S.No.	Plan
1.	Strategies & Governance for Promoting Innovation & Entrepreneurship
2.	Creating Innovation Pipeline and Pathways for Entrepreneurs
3.	Building Organizational Capacity, Human Resources and Incentives
4.	Collaboration Co-creation and Business Relationship and Knowledge Exchange
5.	Norms for Faculty & Students Driven Innovations and Start-ups
6.	Incentivizing Faculty & Students for Entrepreneurship
7.	Norms for Faculty Start-up
8.	Incubation & Pre-Incubation support
9.	IP Ownership Rights for Technologies Developed at GNIOT
10.	Pedagogy & Learning Interventions for Supporting Innovations & Start-ups
11.	Entrepreneurial Performance Impact Assessment

8. Governing Board

- 1.) Chair-Director General, GNIOT Group of Institutions
- 2.) Co-Chair- Director, GNIOT
- 3.) Member Secrelury -Dean, R&D, GNIOT
- 4.) Member - Industry Expert
- 5.) Member-All members of R&D Council, GNIOT



Some of the key responsibilities of the governing board shall be:

- Defining the overall strategic roadmap for the MSMEIC.
- Deciding on various proposals received for strategic alliance and partnerships for the benefit of incubatees.
- Constitution of committees with respect to procurement of equipments, infrastructure and other assets for the centre.
- Appointment of expert committees and evaluation committees as per the incubation process laid down in this document.
- Relaxations of any nature in terms of extension of tenure of incubatee, etc., that may be brought to notice for necessary approvals.

9. GIEC

This is the first level of evaluation of business proposals' committee entrusted with evaluating the proposals based on techno-commercial feasibility. The Committee with a maximum of 5 members, shall comprise of:

- i. Representative of GNIoT, (at least of Associate Professor Rank).
- ii. Representative Member of Governing Board.
- iii. Representatives from Industry, Academia, other Incubators as deemed fit by the Governing Board.

10. Infrastructure Support :

- i. **Incubation Support:** Pre-Incubation & Incubation support will be offered to the start-ups by students, staff, and faculty for a period of one year at the initial stage which can latter be extended after due approval. However, in case the institute doesn't have a dedicated facility/ infrastructure, it enables incubation facilities in other HEIs in order to facilitate access to their students, staff and faculty.
- ii. **Attendance:** Students involved in setting up of startups shall be given a relaxation in attendance up to 20%.
- iii. **Financial Assistance:**
 - a. Minimum 2% fund of the total annual budget of the institution would be allocated for funding and supporting innovation and Startups related activities through creation of separate 'Innovation fund' and managed by the Chair. GIEC funding to the Start-ups would be taken up on case-to-case basis.



- b. To support technology incubations within the institute, the institutes may approach private and corporate sectors to generate funds, under Corporate Social Responsibility (CSR) as per Section 135 of the Company Act 2013.
- c. Institute would also raise funding through sponsorships and donations.
- d. Institute would actively engage alumni network for promoting Innovation & Entrepreneurship.

IV Accommodation: The institute would explore provision of accommodation to the student entrepreneurs within the campus for some period of time, depending upon availability of accommodation.

11. Physical Incubation:

- i. All the Pre-Incubation/Incubation facilities would be accessible to students, staff and faculty of all disciplines and departments across the institution.
- ii. The institute infrastructure in form of machines, equipments, tools, testing facilities and other resources available in various departments, workshops, laboratories, centres etc. would be utilized for pre-incubation and incubation for nurturing innovators and start-ups, without hampering the normal academic schedule of the departments and centres.

12. IPR Facilitation:

One of the important mandate of GNIOT is to bring excellence to education, research and innovation. However, it is equally important that protect the Intellectual property. Therefore, it is important that the information with regards to rights over intellectual property is disseminated at the earliest. This policy should be applicable to all invention and innovations belonging to GNIOT and covers all different classes of Intellectual Property - Patent, Copyright, Design, Registration, Trademark, and Confidential Information.

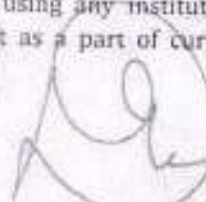
The IPR provisions are created to provide a conducive environment leading to development of intellectual property. When institute facilities funds are used substantially or when IPR is developed as a part of curriculum/ academic activity, IPR would be jointly owned by inventors and the institute. Inventors and institute could together license the product / IPR to any commercial organization, with inventors having the primary say. License fees could be either / or a mix of

- a. Upfront fees or one-time technology transfer fees
- b. Royalty as a percentage of sale-price
- c. Shares in the company licensing the product

The institute would allow licensing of IPR from institute to start up. Ideally students and faculty members intending to initiate a start-up based on the technology developed or co-developed by them or the technology owned by the institute, should be allowed to take a license on the said technology on easy term, either in terms of equity in the venture and/ or license fees and/ or royalty to obviate the early stage financial burden.

If product/ IPR is developed by innovators not using any institute facilities, outside office hours (for staff and faculty) or not as a part of curriculum by







student, then product/ IPR will be entirely owned by inventors in proportion to the contributions made by them. In this case, inventors can decide to license the technology to third parties or use the technology the way they deem fit.

If there is a dispute in ownership, a minimum five member committee consisting of (having developed sufficient IPR and translated to commercialization), two of the institute's alumni/ industry experts (having experience in technology commercialization) and one legal advisor with experience in IPR, will examine the issue after meeting the inventors and help them settle this, hopefully to everybody's satisfaction. Institute can use alumni/ faculty of other institutes as members if they cannot find sufficiently experienced alumni / faculty of their own.

13. Capacity Building Programs:

- i. The institute would encourage training and development of faculty and staff involved in innovations and entrepreneurship development activities in the institute.
- iv. Faculty and departments of the institutes have to work in coherence and cross-departmental linkages would be strengthened through shared faculty, cross-faculty teaching and research in order to gain maximum utilization of internal resources and knowledge.
- vi. Periodically some external subject matter experts such as guest lecturers or alumni would be engaged for strategic advice and bringing in skills, which are not available internally.
- vii. Faculty and staff would be encouraged to do courses on innovation, entrepreneurship management, and venture development.
- viii. In order to attract and retain right people, institute would develop academic and non-academic for all staff and stakeholders that actively contribute and support entrepreneurship agenda and research activities.
- ix. The reward system for the staff may include sabbaticals, office and lab space for entrepreneurial activities, reduced teaching loads, awards, trainings, etc.
- x. The recognition of the stakeholders may include offering use of facilities and services, strategy for shared risk, as guest faculty, fellowships, associate ships, etc.
- xi. A performance matrix would be developed and used for evaluation of annual performance.

14. Collaborations and Knowledge Exchange:

The Institute has to collaborate and forge alliances with each and every important ecosystem member to result in the best of synergies.

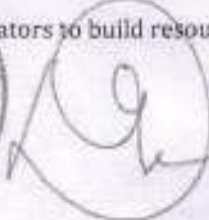
One of the fundamental tenets on which the incubator is envisioned is collaborating extensively with the stakeholders to derive synergies resulting in optimal outcomes.

The support expected from the stakeholders is listed below: -

Funding for CAPEX and OPEX investments.

Integration with start-up ecosystem.

Extension of existing start-up programmes helping incubators to build resources.



Technology expertise.
Incubation expertise and best practices adoption.
Promotion of incubation centre in industry, academia and funding ecosystem.
Collaboration amongst incubators.
Virtual incubation.
Recognition of incubates and the incubator.

15. Salient Features:

The scope of this document is to define the policies and procedures for the operational matters and covers the following processes:

1. Eligibility
2. Admission procedure
3. Infrastructure and Services provided to incubate
4. Mandatory Mentorship
5. Period of Incubation/ Exit
6. Intellectual Property Evaluation
7. Seed Funding
8. Periodic Assessment
9. Conflicts of Interest
10. Disclaimer
11. Agreements

The policy is subject to periodical review and amendments. Companies admitted to update themselves from time to time on amendments in policy and procedures.

GNIoT reserves the rights to make an exception of all or any of the terms of the policy on case to case basis.

Eligibility

1. Startups/Enterprises may be taken up by students, staff, faculty, alumni and outside applicants.
2. A company if promoted by regular staff or employee of an organization shall be granted startup only upon submission of 'No Objection Certificate' from the competent authority or employer.

Admission procedure

All the applicants shall have to read and agree to the terms and conditions of the innovation startup.

Application for admission will be made available on college website.

STAGE 1: Submit Executive Summary/ Business Plan

As a first step in the admission process, the prospective individual should submit an application containing the Business plan. IIC would then submit the details to an internal review committee for comments on technical and business feasibility and marketability of the idea.



STAGE 2: Presentation to Evaluation Committee of IIC

If the initial evaluation of the business plan / executive summary is positive, IIC will arrange a meeting with the prospective founders for a presentation. After the presentation, a final decision will be made regarding the startup/enterprise entry into the institute innovation cell. Presentation through video conferencing is also permitted.

Non-Disclosure:

IIC, GNIOT will adhere to confidentiality throughout the application process. However, IIC, GNIOT will not sign any 'non-disclosure' agreements.

Infrastructure and services provided to startups/enterprise

Upon admission to IIC, following facilities will be offered:

- Office space
- Computers – One. More than one can be availed at market rates
- Broad Band Internet Connection (wired and wireless)
- Standard Furniture as decided by IIC.
- Accommodation to Director/Promoter depending upon the availability.

Common Infrastructure: IIC provides a common pool of hard and soft infrastructure to be shared by all startup companies. The following resources are provided:

- Photocopying machine.
- Document Scanner.
- Printer
- Access to college Library: Management Books, Subscription to IT, Business, Management and Trade journals and news papers.
- Meeting/Conference room with Audio and projection equipment.

Institute infrastructure: IIC may facilitate access to the Institute infrastructure or laboratories as per the norms worked out with IIC, GNIOT & Startup/Enterprise.

Services: IIC may associate with professionals for accounting, IP, legal and management expertise on a part-time basis. The startups/enterprises can avail their services. Services provided through outsourcing would have to be paid for by the startup/enterprise to the service provider.

IIC will also provide soft infrastructure and business service. The possible services and support items are listed as follows:

- Common secretarial pool/staff.
- Intern Support: To provide support in Technology and management, startups/enterprises may be assigned support from B.Tech, M.Tech, MCA and MBA student, if desired.



Mentoring and Advisory Services:

- IIC Head will meet the startup/enterprise CEOs at least once a month for strategy reviews and discussion of operational issues.
- Startup/Enterprise may take a faculty advisor as a mentor on technology issues.
- Specialized mentors will also be made available to the companies to assist with particular strategic areas or to provide project-oriented consultation through paid outsourcing as per mutual understanding.
- Startups/Enterprises may also avail the consulting services by empaneled professionals on their own.

Mentorship

One of the objectives of IIC is to utilize the technical expertise and lab infrastructure of GNIOT. Therefore, every company that is offered startup/enterprise at IIC may select one faculty member from the Institute who shall act as a mentor and guide the startup/enterprise on product development. In such an event startup/enterprise has to offer a minimum of 2% of share equity to GNIOT as a consideration of mentorship. Out of this 2% amount a reasonable amount will be paid to Mentor.

Industry Mentor

IIC has a database of Industry mentors. Every startup/enterprise at IIC may select one Industry mentor within six months from the date of joining the centre. In case the startup/enterprise opts for an industry mentor, the company has to offer a minimum 1% of equity to the mentor as a consideration of mentorship.

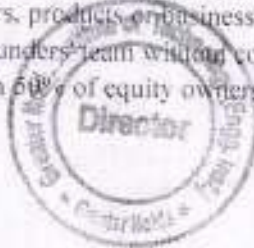
Tenure of startup/enterprise

The startup/enterprise will be permitted to stay in the campus for a period of three years. They may be granted maximum two extensions for 6 months each at a time at the sole discretion of the Institute.

Exit

Startup/enterprise will leave the premises under the following circumstances:

- Completions of three years stay (if no extension granted).
- Underperformance or non-viability of business proposition as decided by IIC on case to case basis.
- Irresolvable promoters dispute as decided by IIC on a case to case basis.
- Violation of GNIOT policy.
- When the startup/enterprise enters in an acquisition, merger or amalgamation or reorganization deal resulting in a substantial change in the profile of the company, its promoters, directors, shareholders, products or business plan.
- Change in promoters/ founders' team without concurrence of IIC.
- Any change of more than 50% of equity ownership would require a prior approval of IIC.



- Any other reason for which IIC may find it necessary for startup/enterprise to leave.

Notwithstanding anything written elsewhere, IIC's decision in connection with the exit of an incubated company shall be final and shall not be disputed by any company.

Exit Modalities:

- Startup/Enterprise will be permitted to exit after completion of time limit provided financial commitments are met.
- Exit will be permitted only after seed fund is settled off as per the option chosen.
- Premature exit will also be permitted with mutual consent as long as there is no financial liability on part of startup/enterprise.

Periodic Assessment

A committee set up by IIC will evaluate the performance of startup/enterprise every 3 months. The emphasis of evaluation will be on checking if the milestones specified in the business plan are met.

Conflicts of Interest

In case of any conflicts of interests, the decision of the Institute shall be final and binding upon the parties.

Disclaimer:

IIC, GNIOT does not guarantee success and/or feasibility of the technology. IIC/GNIOT or any person representing them shall not be liable for any acts or omissions of the startup/enterprise.

Agreements:

Startup/Enterprise shall enter into the following agreements with the Institute:

1. Startup Agreement: Contain rules and other incubation startup norms, consideration, equity holding, etc. (Applicable to all.)
2. Seed-Fund Agreement: Contain rules of disbursement and repayment. (Applicable to startup/enterprise availing seed-fund.)
3. Technology Commercialization Agreement: Applicable to startup/enterprise using technology or IP developed by GNIOT.

Intellectual Property:

IIC and the startup can together license the product/IPR and the mode of share can be mutually agreed upon.

In case of any dispute five member committee would address the situation. The committee would comprise with 2 faculty members, two alumni and one legal expert. Faculty and alumni also to have knowledge in IPR. Technology




Seed Funding

IIC may provide seed loan subject to the availability of funds/ grants/ schemes meant for this purpose. Funds are proposed to be allocated by GNIoT to the tune of 2% of GNIoT's budget for a year. Seed loan will be based on the merits of each startup/enterprise. Admission to IIC does not automatically entitle the startup/enterprise for seed loan.

Startup/Enterprise desirous of getting seed loan would be required to submit an application for seed fund after three months of activity at IIC. The seed loan will be sanctioned based on the eligibility criteria as decided by IIC as per the terms mutually agreed upon. It would also be subject to the terms stipulated as per the Seed funding Guidelines issues from time to time.

One of the criteria for approval of the seed loan will be the contribution brought in by the promoters to the capital of their startup/enterprise. Preference will be given to the companies who already have some sources of revenue or some customer order booking. IIC will have the sole discretion to sanction or reject an application for seed loan and the decision of IIC shall be final in this regard.

Repayment Options: The repayment options would be as follows

Option I:

Full amount would be paid back with interest, which will be prime lending rate of SBI (on the date of sanction) less 4% and remains fixed for the tenure of the loan.

Option II:

50% of the total seed fund sanctioned will be interest free loan and remaining 50% would be convertible into equity (@ 5% equity against loan up to ₹ 5 lakh); repayment would start after 18 months from the date of first disbursement.

Option III:


75% of the total seed fund sanctioned will be a loan and will be paid back with an interest of PLR less 6%.

25% of the seed fund sanctioned would be convertible into equity (@ 3 % equity against loan up to ₹ 5 lakh) at par.

Option IV: 100 % of the seed fund sanctioned would be convertible into equity (@ 10% equity against loan up to ₹ 10 lakh).


(Dr. Anurag Singh)
Director


Dr. Shikhar Gupta
(DIRECTOR)


(Dr. Pradeep Singh)
Director General





Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



CERTIFICATE

Institution's Innovation Council (IIC) established at

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2020-21.



Prof. Anil D.Sahasrabudhe
Chairman
AICTE

Abhay Jere

Dr. Abhay Jere
Chief Innovation
Officer
MOE, Innovation
Cell

Dipanshu

Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell



**List of Patents filed
and granted in last
2 years**

Greater Noida Institute of Technology (Engg. Institute)

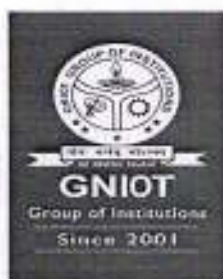
**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**

S.No.	Title of the Invention	Registration Number	Date of Filing/Granting
1	System based on machine learning for music selection with noise elimination	202111051432	11/29/2011
2	lot-based smart home security system	202121010183	3/19/2021
3	lot-based smart home security system	202121010183	3/19/2021
4	Artificial intelligence based internet of vehicles system to prevent road accident	202141011709	3/26/2021
5	Artificial intelligent based internet of vehicles system to prevent road accident	202141011709	3/26/2021
6	Artificial intelligence based system for face detection and identification of masked faces during covid pandemic	202141015648	4/16/2021
7	Artificial intelligence based system for face detection and identification of masked faces during covid pandemic	202141015648	4/16/2021
8	Solar PV power integrated smart grid energy management system	2021101174	4/21/2021
9	Wearable device for sensing and predicting unexpected accidental life situation using mobile crowds sensing	202141017158	4/23/2021
10	Wearable device for sensing and predicting unexpected accidental life situation using mobile crowds sensing	202141017158	4/23/2021
11	rain sensing umbrella	202111032910	8/20/2021
12	dry electrode advanced manufacturing method and processes for lithium ion batteries	202111044197	10/15/2021
13	system and methods for identification of relevant nongovernmental organization	202111045725	10/15/2021
14	System and method for translating source speech	202111043829A	10/29/2021
15	System and method for translating source speech	202111043829A	10/29/2021
16	system for controlling gateway device in the iot network	202111050025	11/26/2021
17	method and system to provide secure environment during an exam from a remote location	202111059571	12/21/2021
18	method and system to provide secure environment during an exam from a remote location	202111059571	12/21/2021
19	method and system to identify an optimal crop for a land	202111059113	12/31/2021
1	design of compound free casting process	202111061709	1/7/2022
2	Method for validating an Ethernet configuration of an automation system	202211004683	1/24/2022



3	Method for validating an Ethernet configuration of an automation system	202211004083	1/24/2022
4	Machine learning and IoT-based intelligent system for monitoring health of vehicle battery	202211011330	3/11/2022
5	System to control and manage a smart locker	202211013506	3/12/2022
6	System to control and manage a smart locker	202211013506	3/12/2022
7	System for breast cancer image classification using 2C algorithm with multi-class support vector machine interfaces	202211017594	3/27/2022
8	Automated AI-based smart chopping system	2021/09621	3/30/2022
9	A green incinerator for controlled treatment of waste	202211025126A	5/6/2022
10	A green incinerator for controlled treatment of waste	202211025126A	5/6/2022
11	Smart Dustbin	202211032888A	6/17/2022
12	Method to predict water quality using artificial intelligence algorithm	202211037504	7/8/2022
13	Method to predict water quality using artificial intelligence algorithm	202211037504	7/8/2022
14	A multipurpose traffic safety device for long distance drivers	20221100349	9/3/2022
15	An automobile and the method for controlling the automobile	202241051772A	9/16/2022
16	E-health at outpatient clinics in village to village management system	IN-DL93143866855088U	9/26/2022
17	IoT driven intelligent monitoring system for autism children emotions recognition from smart class video	202241056451	10/1/2022





GNIOT
ENGG. INSTITUTE

**Proofs of Patents filed
and granted in last
2 years**

Greater Noida Institute of Technology (Engg. Institute)

**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202121010183
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/03/2021
APPLICANT NAME	1 . Mrs. Seira Shinde 2 . Dr. Anuranjan Misra 3 . Mr. Shashi Kant Mishra 4 . Dr. Neel Kamal 5 . Dr. V.Sangeetha 6 . R.Nithya 7 . Dhiraj Kapila 8 . Dr.Vijay Dhir 9 . Dr.D.Shanmugapriyaa 10 . Dr. V Muthulakshmi 11 . Dr. Md. Khaja Mohiddin 12 . Dr.S.Balamurugan
TITLE OF INVENTION	IOT BASED SMART HOME SECURITY SYSTEM
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sbnbala@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sbnbala@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	10/03/2021
PUBLICATION DATE (U/S 11A)	19/03/2021





Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202141011709
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/03/2021
APPLICANT NAME	1 . Dr.R.Satish Kumar 2 . Deepak Kumar Dewangan 3 . Dr.Nirmala C R 4 . Dr. Anuranjan Misra 5 . Dr. Sreenivasa B R 6 . Dr. Chethana Prakash 7 . Dr. A. Nithya 8 . Dr. Shashibhusan Nayak 9 . Dr.Roopa G M 10 . Prof. Arun Kumar G Hiremath 11 . Dr.K.Anbarasu 12 . Dr.S.Balamurugan
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED INTERNET-OF-VEHICLES (IOV) SYSTEM TO PREVENT ROAD ACCIDENTS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sbnbala@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sbnbala@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	19/03/2021
PUBLICATION DATE (U/S 11A)	26/03/2021





Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)

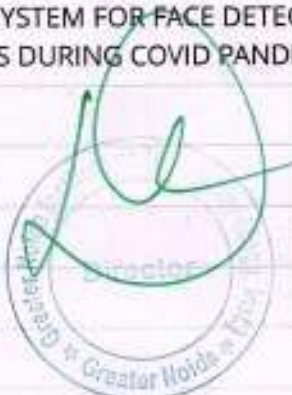


INTELLECTUAL
PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202141015648
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/04/2021
APPLICANT NAME	1 . Dr. Anuranjan Misra 2 . Sanjaya Kumar Sarangi 3 . Dr. Thirumal Kumar D 4 . K.Kanimozhi 5 . Dr.S.Saravana Kumar 6 . Dr. Soumi Dutta 7 . Sabah Ansar 8 . Dr. Shashibhusan Nayak 9 . Samir Farhat 10 . Samad Farhat 11 . Sarah Farhat 12 . Dr.S.Balamurugan
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED SYSTEM FOR FACE DETECTION AND IDENTIFICATION OF MASKED FACES DURING COVID PANDEMICS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sbnbala@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sbnbala@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	01/04/2021
PUBLICATION DATE (U/S 11A)	16/04/2021





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Application Details

APPLICATION NUMBER	202141017158
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/04/2021
APPLICANT NAME	1 . Dr Angeline Prasanna G 2 . Dr. Anuranjan Misra 3 . Dr.K.Dhayalini 4 . Dr Sharick Shamsi 5 . Shabana Khan 6 . Dr Prasanna Kumar Singh 7 . Krishnapriya M 8 . Dhiraj Kapila 9 . Dr.Vijay Dhir 10 . S. Karthik 11 . Bhabani Shankar Dey 12 . Dr.S.Balamurugan
TITLE OF INVENTION	WEARABLE DEVICE FOR SENSING AND PREDICTING UNEXPECTED ACCIDENTAL LIFE SITUATIONS USING MOBILE CROWD SENSING
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	sbnbala@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sbnbala@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	13/04/2021
PUBLICATION DATE (U/S 11A)	23/04/2021





Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101174

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Title of invention:

SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM

Name of inventor(s):

Jaiswal, Sushma; Kamal, Neel; Misra, Anuranjan; Priyadharsini, M.; Kumar, Avinash; Chaudhari, Shrikant Ulhas; Patil, Mallikarjunagouda; Raghuvanshi, Rajeev; Krishnamoorthy, R. and Bharamagoudar, Geeta R.

Term of Patent:

Eight years from 5 March 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 21st day of April 2021

Commissioner of Patents

PATENTS ACT 1990

This Australian Patent Register is an official register and should be referred to for the full details pertaining to this IP Right

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified

Sec 128 Application for relief from unjustified threats

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

- (a) a declaration that the threats are unjustifiable; and
- (b) an injunction against the continuance of the threats; and
- (c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A Threats related to an innovation patent application or innovation patent and courts power to grant relief.

Certain threats of infringement proceedings are always unjustifiable

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the applicant the relief applied for.

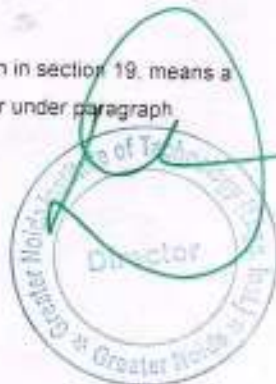
Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1

Dictionary

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





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Application Details

APPLICATION NUMBER	202111032910
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/07/2021
APPLICANT NAME	1 . Dr. Sudhir Kumar (Professor) 2 . Vaibhav Gangwar (Assistant Professor) 3 . Girendra Bhati (Assistant Professor) 4 . Prateek Gupta (Assistant Professor) 5 . Amit Surya (Assistant Professor) 6 . Rohit Sahu (Assistant Professor)
TITLE OF INVENTION	RAIN SENSING UMBRELLA: RAIN SENSING HANDS FREE AUTO OPEN CLOSED UMBRELLA BAG.
FIELD OF INVENTION	MECHANICAL ENGINEERING
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
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Application Status



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Application Details

APPLICATION NUMBER	202111043829
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/09/2021
APPLICANT NAME	RAJDEV TIWARI
TITLE OF INVENTION	SYSTEM AND METHOD FOR TRANSLATING A SOURCE SPEECH
FIELD OF INVENTION	ELECTRONICS
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
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PUBLICATION DATE (U/S 11A)	29/10/2021



Application Status

APPLICATION STATUS

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Application Details

APPLICATION NUMBER	202111044197
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/09/2021
APPLICANT NAME	1 . Dr. Sudhir Kumar (Professor) 2 . Prateek Gupta (Assistant Professor) 3 . Girendra Bhati (Assistant Professor) 4 . Vaibhav Gangwar (Assistant Professor) 5 . Dr. Ajay Kumar (Professor & Director) 6 . Dr. Rakesh Kumar Yadav (Professor & Director)
TITLE OF INVENTION	DRY ELECTRODE ADVANCED MANUFACTURING METHOD AND PROCESSES FOR LITHIUM-ION BATTERIES.
FIELD OF INVENTION	PHYSICS
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ADDITIONAL-EMAIL (As Per Record)	prateekguptaniet@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/10/2021



Application Status



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Application Details

APPLICATION NUMBER	202111045093
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/10/2021
APPLICANT NAME	SHYLA
TITLE OF INVENTION	AUTOMATED AI BASED SMART CHOPPING SYSTEM
FIELD OF INVENTION	MECHANICAL ENGINEERING
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ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
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REQUEST FOR EXAMINATION DATE	27/11/2021
PUBLICATION DATE (U/S 11A)	15/10/2021
REPLY TO FER DATE	24/06/2022

Application Status

APPLICATION STATUS

Application in Hearing



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Application Details

APPLICATION NUMBER	202111045725
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/10/2021
APPLICANT NAME	1 . DR. SHIVANI DUBEY 2 . PROF. VIKAS SINGHAL
TITLE OF INVENTION	SYSTEMS AND METHODS FOR IDENTIFICATION OF RELEVANT NON- GOVERNMENTAL ORGANISATION (NGO)
FIELD OF INVENTION	COMMUNICATION
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ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/10/2021

Application Status

APPLICATION STATUS

Awaiting Request for Examination



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Patent Search

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 Publication Number 42/2021
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 Publication Type INA
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 Application Filing Date 05/10/2021
 Priority Number
 Priority Country
 Priority Date
 Field Of Invention MECHANICAL ENGINEERING
 Classification (IPC) A47J 47/00

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Prerana Rai	Assistant Professor, Chandigarh University	India
Prashant Kumar	MBA(Student), Chandigarh University	India

Applicant

Name	Address	Country	Nationality
SHYLA	Assistant Professor, Chandigarh University	India	India

Abstract:

The utility model provides a multi-functional automated artificial intelligence-based chopping system. The chopping system includes an automated chopping board in which veggies sanitization, automated chopping using different blades as per user requirement. The blades have different pattern for desired cutting, chopping, slicing and dicing of veggies and other food items, weighing equipment, controlling pace of chopping, slicing and dicing and wirelessly connected chatbot for personal assistance. The Automated chopping board is consist of an AI based system to detect and send the item details to wirelessly connected chatbot. The chatbot gathers different veggies/ fruit/ cheese slicing/dicing or grating information about food item and transmit related information such as calories and possible recipes related to that item.

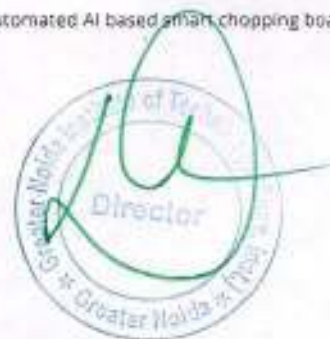
Complete Specification

The utility model is related to an automated chopping board, more particularly to a kind of multifunctional automated AI based smart chopping board.

Background

Cutting boards in the past have usually been flat wood or flat polymer members. There has been no provision for the sweeping or knifing of prepared food into a bowl or pan. People were dependent on wooden chopping board in the past, but with the improvement of living standards, various plastic chopping boards came into existence. But because the size of common plastic chopping board is straight, narrow, unfunctional and bulky which makes it impossible to meet day to day needs. So being accomplished by being equipped with the chopping board of the different size and different functionality of polyolith. In daily life, vegetables, food items, eateries are not only distinguished by size, shape and variety, but also according to how much outfit different sizes for preparing food.

Moreover, the traditional chopping boards are stationary fixed and immobile being operated manually for cutting, chopping and slicing and dicing of veggies and food items. The conventional cooking methods includes chopping of partially cleaned unhygienic food items over the ceramic, wooden and polyolith based rectangular boards where the object is to be taken over the board in



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Page last updated on: 26/06/2019



W.S.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111043829 A

(19) INDIA

(22) Date of filing of Application :28/09/2021

(43) Publication Date : 29/10/2021

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSLATING A SOURCE SPEECH

(51) International classification :G10L0015300000, G10L0015020000, G10L0025240000, G10L0015080000, G10L0025510000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Name of Applicant : NA

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(72)Name of Inventor :

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6)KRISHNA KANT AGRAWAL

Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, ABES INSTITUTE OF TECHNOLOGY, GHAZIABAD -----

(57) Abstract :

The present invention relates to a system and method for automatic speech recognition (ASR) of an indigenous language. Moreover, the present invention provides artificial intelligence-based system to recognise and translate indigenous language. The system comprises a cloud server and a microphone, which is arranged to receive audio data from a user. The cloud server analyses the received audio data and extracts one or more features (e.g., MFCC). Further, the cloud server uses machine learning model (e.g. SVM, HMM) to detect one or more words corresponding to input audio data. The detected word can be played on a speaker or displayed on a screen.

No. of Pages : 29 No. of Claims : 10



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Application Details

APPLICATION NUMBER	202111050025
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/11/2021
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TITLE OF INVENTION	A SYSTEM FOR CONTROLLING GATEWAY DEVICE IN THE INTERNET OF THINGS (IOT) NETWORK AND METHOD THEREOF
FIELD OF INVENTION	COMMUNICATION
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
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Application Status



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Application Details

APPLICATION NUMBER	202111051432
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/11/2021
APPLICANT NAME	1 . Dr. Atul Srivastava 2 . Mr. Youddha Beer Singh 3 . Bhanu Pratap Rai 4 . Dr.Dinesh Singh 5 . Ms. Shipra Srivastava 6 . Dr. Nilam Choudhary 7 . Dr. P. Sumithabhashini 8 . Mr. Ramesh Alladi 9 . Shivam Tiwari 10 . DR. AMRENDRA SINGH YADAV
TITLE OF INVENTION	A SYSTEM BASED ON MACHINE LEARNING FOR MUSIC SELECTION WITH NOISE ELIMINATION
FIELD OF INVENTION	PHYSICS
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ADDITIONAL-EMAIL (As Per Record)	iprsince2014@hotmail.com
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Application Details

APPLICATION NUMBER	202111059113
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/12/2021
APPLICANT NAME	1 . DR. MEENA ARORA 2 . DR. SHIVANI DUBEY 3 . PROF. VIKAS SINGHAL 4 . DR SACHIN MALHOTRA 5 . MR. RAJANISH KUMAR JAIN 6 . DR. NAVEEN PRAKASH 7 . MR. RAVEENDRA KUMAR BHARATI 8 . MS. AMITA SHUKLA
TITLE OF INVENTION	METHOD AND SYSTEM TO IDENTIFY AN OPTIMAL CROP FOR A LAND
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	smartpatenting@gmail.com
ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
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Application Details

APPLICATION NUMBER	202111059571
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/12/2021
APPLICANT NAME	1 . ROHAN KUMAR 2 . SHASHANK CHAURASIA 3 . DR.RAJDEV TIWARI 4 . DR.SANTOSH KUMAR SRIVASTAVA 5 . DR. DEEPAK KUMAR VERMA 6 . MR. ASHWINI KUMAR VERMA 7 . MS.VIDHA SHARMA 8 . MR. ABHISHEK SAXENA
TITLE OF INVENTION	METHOD AND SYSTEM TO PROVIDE A SECURE ENVIRONMENT DURING AN EXAMINATION FROM A REMOTE LOCATION
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
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Application Status

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(22) Date of filing of Application :21/12/2021

(21) Application No.202111059571 A

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(54) Title of the invention : METHOD AND SYSTEM TO PROVIDE A SECURE ENVIRONMENT DURING AN EXAMINATION FROM A REMOTE LOCATION

(51) International classification

:G06Q0050200000, G09B0007020000, G06Q0020120000, H04L0029060000, G06F0021450000

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

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:NA

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4)DR.SANTOSH KUMAR SRIVASTAVA

5)DR. DEEPAK KUMAR VERMA

6)MR. ASHWINI KUMAR VERMA

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8)MR. ABHISHEK SAXENA

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(57) Abstract :

The present invention relates to a field of secure online examination. The method may include creating a first login credential for an invigilator by a teacher, and creating a second login credential for a student by the invigilator, wherein the invigilator and the student are provided with varied privileges. The teacher can be in charge of uploading and arranging the question paper, time limit, and number of warnings, among other things. The invigilator can be in charge of monitoring the student while he/she is taking the exam. Student, on the other hand, can only take one exam. If a communication interruption is detected and the number of un-attempted question is greater than a threshold, a new set of the question paper can be issued for the student, wherein the new set of question paper can be associated with a higher difficulty level.

No. of Pages : 30 No. of Claims : 10

The Patent Office Journal No. 53/2021 Dated 31/12/2021

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Application Details

APPLICATION NUMBER	202111061709
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/12/2021
APPLICANT NAME	1 . Girendra Bhati 2 . Dr. Vikram Singh, Professor 3 . Dr. Sanjeev Kumar, Professor 4 . Dr. Sudhir Kumar, Professor
TITLE OF INVENTION	DESIGN OF COMPOUND FREEZE CASTING PROCESS
FIELD OF INVENTION	METALLURGY
E-MAIL (As Per Record)	girendrabhatime@gmail.com
ADDITIONAL-EMAIL (As Per Record)	girendra.bhati@gniot.net.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	30/12/2021
PUBLICATION DATE (U/S 11A)	07/01/2022



Application Status

APPLICATION STATUS

Application Awaiting Examination

[View Documents](#)

Federal Republic of Germany

certificate

about the registration of
Utility Model No. 20 2022 100 349

Designation:

A multi-purpose traffic safety device for long-distance drivers

IPPC:

B60W 50/14

Proprietor:

Chakraverti, Ashish Kumar, Dr., Moradabad, UP, IN

Chakraverti, Sugandha, Moradabad, UP, IN

Kumar, Amit, Delhi, IN

Monika, Monika, Delhi, IN

Shakya, Achala, Farrukhabad, UP, IN

Singh, Garima, Ghaziabad, UP, IN

Singh, Murari Kumar, Greater Noida, UP, IN

Tripathi, Gaurav, Chandauli, UP, IN

Tyagi, Bijendra, Delhi, IN

→ Verma, Deepak Kumar, Dr, Greater Noida, UP, IN

Day of registration:

01/22/2022

Date of registration:

03/09/2022



The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, March 9th, 2022



The requirements for protectability are not checked when registering a utility model.
The current legal status and scope of protection can be found in the DPMAregister at www.dpma.de.



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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202211004083
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/01/2022
APPLICANT NAME	1 . Dr.Archana Kumar 2 . Dr.K.L.Shunmuganathan 3 . N.Priya 4 . Dr. Anil Kumar Dubey 5 . Mr.Ai.Chockalingam 6 . Dr.P Srinivasa Varma 7 . Dr.B.Jegajothi
TITLE OF INVENTION	METHOD FOR VALIDATING AN ETHERNET CONFIGURATION OF AN AUTOMATION SYSTEM
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	mail2patentipr@gmail.com
ADDITIONAL-EMAIL (As Per Record)	mail2patentipr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination



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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

REPUBLIC OF SOUTH AFRICA		REGISTER OF PATENTS		PATENTS ACT, 1978	
Official application No.		Lodging date: Provisional		Acceptance date	
21	01 2021/09621	22		47	2022/02/11
International classification		Lodging date: Complete		Granted date	
51	B09B	23	2021/11/26		2022/03/30
71 Full name(s) of applicant(s)/Patentee(s):					
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71 Applicant substituted:				Date registered	
71 Assignee(s):				Date registered	
72 Full name(s) of inventor(s):					
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Priority claimed:		Country	Number	Date	
54 Title of invention					
A SYSTEM USING AI BASED UNMANNED AERIAL VEHICLE FOR SOLID WASTE MANAGEMENT & ENVIRONMENTAL SENSING					
Address of applicant(s)/patentee(s):					
Assistant Professor, Chandigarh Group of Colleges, Jhanjeri, Mohali, Punjab, 140307					

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Sibanda and Zantwijk

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SOUTH AFRICA

Reference No.

61 Patent of addition No.

Date of any change

Fresh application based on.

Date of any change



W.

RENEWAL SHEET

Year	Payment Date	Receipt Number	Amount
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HISTORY SHEET

Date entry made	Description
2021-11-29	Request for the acceptance of a Patent electronically filed on 28/11/2021, numbered 2021/09621
2021-11-29	Proof reading performed automatically
2022-02-11	Application accepted on 11/2/2022.
2022-03-31	Patent advertised on 30-03-2022.
2022-03-31	Patent granted on 30-03-2022.



Wes -

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 Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/sitemap.htm>) Contact Us (<http://ipindia.nic.in/contact-us.htm>)
 Help Line (<http://ipindia.nic.in/help-line-page.htm>)

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Patent Search

Invention Title	MACHINE LEARNING AND IOT BASED INTELLIGENT SYSTEM FOR MONITORING HEALTH OF VEHICLE BATTERY
Publication Number	10/2022
Publication Date	11/03/2022
Publication Type	INA
Application Number	202211011330
Application Filing Date	02/03/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06N0020000000, H04W0004700000, H04L0029080000, G06N0003080000, G06Q0050100000

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Gaurav Kumar Arora	Senior Business Manager, IBM India Pvt. Ltd., Greater Noida (West), Uttar Pradesh, India	India	India
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Punit Sharma	Assistant Professor, Department of Computer Science, DAV College, Amritsar, Punjab, India	India	India
Sandeep Kumar Jindal	Assistant Professor, Department of Computer Science & Application, Govt. College For Girls, Patiala, Punjab, India	India	India
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Prof.(Dr.) R.K. Bathla	Professor, Department of Computer Science, Desh Bhagat University, Punjab, India	India	India

Applicant

Name	Address	Country	Nationality
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K. Ramalingeswara Prasad	Professor, Department of EEE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Andhra Pradesh, India	India	India
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Gaurav Kumar Arora	Senior Business Manager, IBM India Pvt. Ltd., Greater Noida (West), Uttar Pradesh, India	India	India
Prabal Kumar Joshi	Officiating Principal Guru Nanak National College, Nakodar, Punjab, India	India	India
Punit Sharma	Assistant Professor, Department of Computer Science, DAV College, Amritsar, Punjab, India	India	India
Sandeep Kumar Jindal	Assistant Professor, Department of Computer Science & Application, Govt. College For Girls, Patiala, Punjab, India	India	India
Abhishek Saxena	Assistant Professor, Department of CSE, GNIOT, Greater Noida, Uttar Pradesh, India	India	India
Vishwesh Nagamalla	Assistant Professor, Electronics and Computer Engineering (ECM), Sreenidhi Institute of Science and Technology, Hyderabad, India	India	India
Dr. Varun Sharma	Assistant Professor, Department of Computer Science, Guru Nanak Dev University College, Pathankot, Punjab, India	India	India
Prof.(Dr.) R.K. Bathla	Professor, Department of Computer Science, Desh Bhagat University, Punjab, India	India	India

Abstract:

The present invention relates to machine learning and IOT based intelligent system for monitoring health of vehicle battery. The objective of the present invention is to solve the problems in the prior art technologies related to machine learning and IoT sensor based battery monitoring.

Complete Specification

The present invention relates to the field to battery monitoring.

The present invention is related to vehicle battery monitoring.

The present invention relates to vehicle battery monitoring using machine learning and IoT Sensor.

More particularly, the present invention is related to machine learning and IOT based intelligent system for monitoring health of vehicle battery.

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 in the prior art. The subject matter in the background section merely represents different approaches, which in-and-of-themselves may also be inventions."

Some of the prior work listed herewith:-

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Department of Industrial
Policy and Promotion
Government of India

Self Accepted
20/07/22

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Page last updated on: 25/06/2019





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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202211013506
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/03/2022
APPLICANT NAME	1 . DR. PRAMOD KUMAR 2 . DR. VIJAY KUMAR GUPTA 3 . MR. GAURAV AGRAWAL 4 . MR. VIKRANT VERMA 5 . DR. JUGUL KISHOR 6 . MS. POOJA MISHRA 7 . MS. ARCHANA AGARWAL 8 . DR. MUKESH KUMAR OJHA 9 . DR. PREETI MISHRA
TITLE OF INVENTION	SYSTEM TO CONTROL AND MANAGE A SMART LOCKER
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	smartpatenting@gmail.com
ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/03/2022



Application Status

APPLICATION STATUS

Awaiting Request for Examination



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details

APPLICATION NUMBER	202211017594
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/03/2022
APPLICANT NAME	1. Dr. Hambeer Singh 2. Dr. Deepankar Sharma 3. Dr. Ruchi Gupta 4. Mr. Raveendra Kumar Bharati 5. Ms. Vasudha Tiwari 6. Prof. (Dr) Anil Kumar
TITLE OF INVENTION	A SYSTEM FOR BREAST CANCER IMAGE CLASSIFICATION USING 2C ALGORITHM WITH MULTICLASS SUPPORT VECTOR MACHINE INTERFACES
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sri_prab@rediffmail.com
ADDITIONAL-EMAIL (As Per Record)	sri_prab@rediffmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	01/04/2022



Self-Attended
Vandana

✓



REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

**DR. RENUKA SHARMA; MISS. SHYLA; MISS. PRERANA RAI; DR. SHALU;
UMA TOMER; MISS. MAMTA; MISS. PUSHPA; DR. MANDHEER KAUR;
DR. SHIKHA; TAPAN KUMAR; DR. RADHIKA G. DESHMUKH;
DR. SANGITA INGOLE; PROF. RAMESH CHANDRA PANDA**

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2021/09621

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 30th day of March 2022




.....
Registrar of Patents

FORM 2
THE PATENTS ACT – 1970
(39 of 1970)

&
THE PATENTS RULES, 2006
COMPLETE DRAFT

(See section 10 and rule 13)

Title of the invention

“AUTOMATED AI BASED SMART CHOPPING SYSTEM”

S. No.	Applicant/ Inventor	Nationality	Address
1	Shyla	Indian	Assistant Professor, Chandigarh University
2	Uma Tomer	Indian	Assistant Professor, Department of Information Technology, Greater Noida Institute of Technology Research Scholar- FCA, Manav Rachna International Institute of Research and Studies
3	Prerana Rai	Indian	Assistant Professor, Chandigarh University
4	Prashant Kumar	Indian	MBA(Student), Chandigarh University

PREAMBLE TO THE DESCRIPTION:

The following specification particularly describes the invention and the manner in which it is to be performed:



Handwritten signature

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202211025126 A

(19) INDIA

(22) Date of filing of Application : 29/04/2022

(43) Publication Date : 06/05/2022

(54) Title of the invention : A GREEN INCINERATOR FOR CONTROLLED TREATMENT OF WASTE

(51) International classification : A41D0019000000, A61L0011000000, A61B0050300000, G06Q0050260000, A41D0013110000

(86) International Application No : NA
Filing Date : NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number : NA
Filing Date : NA(62) Divisional to Application Number : NA
Filing Date : NA

(71) Name of Applicant :

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Greater Noida Uttar Pradesh India 201310

2) Ms. Ankita Awasthi

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

1) Ms. Minakshi Awasthi

Address of Applicant : Greater Noida Institute of Technology
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(57) Abstract :

The medical wastes are causing a significant damage to public health and causing severe environmental challenges across the world. The main problem behind these challenges are improper disposal methods, insufficient physical resources and lack of research on medical waste management. Green incinerator involves the burning of wastes produced by hospitals, veterinary facilities, and medical research facilities. These wastes include both infectious (red bag) medical wastes as well as non-infectious, general housekeeping wastes. For e.g., wearing personal protective equipment (PPE) such as surgical or medical masks, non-medical face masks (including various forms of self-made or commercial masks of cloth, cotton), face shields, aprons, gloves and sanitary pads. The emission factors presented here represent emissions when both types of these wastes are combusted rather than just infectious wastes.

No. of Pages : 13 No. of Claims : 8



The Patent Office Journal No. 18/2022 Dated 06/05/2022

27866

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211032888 A

(19) INDIA

(22) Date of filing of Application :08/06/2022

(43) Publication Date : 17/06/2022

(54) Title of the invention : SMART DUSTBIN

(51) International classification : B65F0001140000, B65F0001000000, B65F0001160000, G06K0009000000, B64D0045000000

(86) International Application No : NA
Filing Date : NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number : NA
Filing Date : NA

(62) Divisional to Application Number : NA
Filing Date : NA

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3) Mr. Shadab Ali
4) Mr. Aatif Waqar Quasmi
5) Mr. Pranjal Tigga
6) Mr. Gopal Gupta
7) Ms. Nidhi Parashar
8) Prof. Dr. Amit Agarwal
9) Dr. Shivani Dubey
10) Ms. Pooja Sharma
11) Ms. Akshika Jain
12) Mr. Shalendra Prakash
Name of Applicant : NA
Address of Applicant : NA

(72) Name of Inventor :
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2) Mr. Aatif Waqar Quasmi
Address of Applicant : F- 153/B, Shaheen Bagh, Okhla, New Delhi, 110025, India Delhi -----

(57) Abstract :

The invention relates to a smart dustbin which is capable of opening and closing automatically, detecting radioactive materials, sensing the proximity of the person/object, and sensing the moisture content in the waste materials. The smart dustbin comprises various mechanical, electronic, electromechanical components. The smart dustbin comprises a radioisotope identification device (RIID), wherein said RIID is configured to determine the identity of radioactive materials by measuring the energy of the emitted gamma rays. The smart dustbin comprises a plurality of compartments, wherein said compartments are segregated for separating the dry and wet waste.

No. of Pages : 20 No. of Claims : 7



The Patent Office Journal No. 24/2022 Dated 17/06/2022

36892



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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



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Application Details

APPLICATION NUMBER	202211037504
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/06/2022
APPLICANT NAME	1 . Ms. Laveena Sehgal 2 . Ms. Pragya 3 . Dr. Mukta Makhija 4 . Mr. Jain Singh 5 . Mr. Ankur Rana 6 . Mr. Basudeo Singh Roohani 7 . Dr. Mahendra Prasad Sharma
TITLE OF INVENTION	A METHOD TO PREDICT WATER QUALITY USING ARTIFICIAL INTELLIGENCE ALGORITHM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sri_prab@rediffmail.com
ADDITIONAL-EMAIL (As Per Record)	sri_prab@rediffmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/07/2022



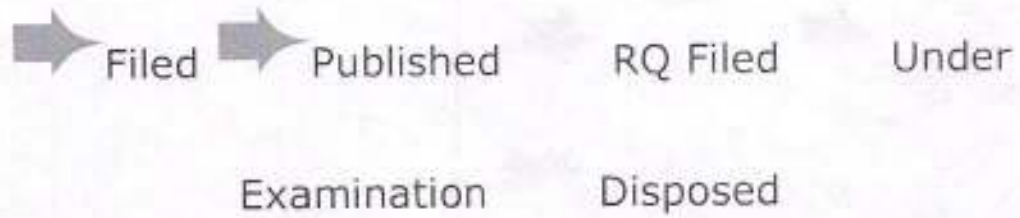
Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Pragya



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Pragya

FORM 2

THE PATENTS ACT, 1970

(39 of 1970)

&

The Patent Rules, 2003

COMPLETE SPECIFICATION

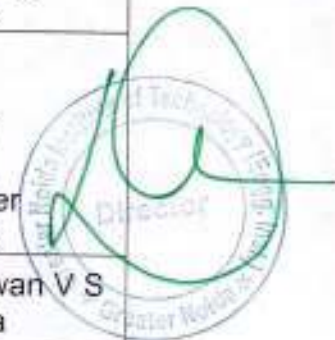
(See section 10 and rule 13)

TITLE OF THE INVENTION

"A method to predict water quality using artificial intelligence algorithm"

We, applicant(s)

NAME	NATIONALITY	ADDRESS
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2. Ms. Pragya	Indian	Assistant Professor in IT Department, Greater Noida Institute of Technology, Plot No. 7, Knowledge Park II, Greater Noida, 201310, U.P, India
3. Dr. Mukta Makhija	Indian	Associate Professor, Dewan V S Group of Institutions, India
4. Mr. Jain Singh	Indian	Assistant Professor, IIMT College of Engineering, Plot No. 19 &20, KP-III, Greater Noida, G.B. Nagar, U.P.
5. Mr. Ankur Rana	Indian	Assistant Professor, Department of Computer Science &



Pragya

		Engineering, Quantum University, Roorkee, U.K.-247667
6. Mr. Basudeo Singh Roohani	Indian	Assistant Professor, Department of Computer Science & Engineering, Quantum University, Roorkee, U.K.-247667
7. Dr. Mahendra Prasad Sharma	Indian	Professor and Head IT Department, IIMT College of Engineering, Plot No. A 20, KP-II, Greater Noida, G.B. Nagar, U.P.

The following specification particularly describes the nature of the invention and the manner in which it is performed:



Pragya

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241051772 A

(19) INDIA

(22) Date of filing of Application :10/09/2022

(43) Publication Date : 16/09/2022

(54) Title of the invention : AN AUTOMOBILE AND A METHOD FOR CONTROLLING THE AUTOMOBILE

(51) International classification :B60L0053120000, G05D0001020000, B60W0030060000, B60M0007000000, B60Q0001120000

(86) International Application No :PCT//
Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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3)Dr. Pankaj Kumar Gupta

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4)Dr. Sharvan Kumar Garg

Address of Applicant :Professor and Head, Department of Computer Science and Engineering, Swami Vivekanand Subharti University, Subhartipuram, NH-58, Delhi-Haridwar, Meerut Bypass Rd, Meerut Uttar Pradesh India 250005 Meerut -----

(57) Abstract :

AN AUTOMOBILE AND A METHOD FOR CONTROLLING THE AUTOMOBILE An automobile and a method for controlling the automobile are disclosed. The automobile comprises one or more sensors configured to identify information from a road on which the automobile is moving, wherein one or more sign boards are present on the road, the one or more sign boards provide information regarding one or more rules predefined for the road on which the automobile is moving, one or more sensors identify information relating to the one or more rules from the one or more sign boards. The automobile also comprises a processor configured to control the automobile according to the information identified by the one or more sensors. [Figure 1]

No. of Pages : 17 No. of Claims : 10





सत्यमेव जयते

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FORM 26

THE PATENTS ACT, 1970

AND

The Patent Rules, 2003

POWER OF AUTHORITY

IN A MATTER OR PROCEEDING UNDER THE ACT



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I/We, **Dr. Shivani Kaul**, an Indian national, Resident of - Associate Professor (Department of applied sciences -English), GNIOT College of Engineering & Technology, Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddh Nagar, Uttar Pradesh 201306, India,

I/We, **Dr. Renu Kaushik**, an Indian national, Resident of - Assistant Professor (Department of applied sciences -Maths), GNIOT College Of Engineering & Technology, Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddh Nagar, Uttar Pradesh 201306, India,

I/We, **Mr. Arun Kumar Chowdhary**, an Indian national, Resident of - Assistant Professor (Department of applied sciences -English) ,GNIOT College Of Engineering & Technology, Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddh Nagar, Uttar Pradesh 201306, India,

I/We, **Ms. Preeti Sharma**, an Indian national, Resident of - Associate Professor (Department of applied sciences -Physics), GNIOT College Of Engineering & Technology, Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddh Nagar, Uttar Pradesh 201306, India and

I/We, **Ms. Shikha Srivastava**, an Indian national, Resident of - Assistant Professor (Department of applied sciences -Maths), GNIOT College Of Engineering & Technology, Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddh Nagar, Uttar Pradesh 201306, India, hereby authorize,

Divyanshu Yadav, (IN/PA-3128) patent agent, having its office at # 546, Park Avenue, Sector - 4, VAISHALI, Distt. Ghaziabad - 201010 (NCR, New Delhi), INDIA, to act on my/our behalf in connection with the patent application titled as **"E-Health at Outpatient Clinics in Village to Village Management System."** and request that all notices, requisitions and communications relating thereto may be sent to such person at the above address unless otherwise specified.

We, also authorize above person(s) to appoint any other person (a patent agent or an advocate), if needed, to expedite prosecution of the Patent Application(s) at the Patent Office.

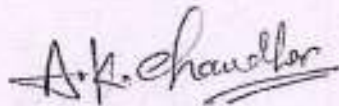
I / We, hereby revoke previous authorizations, if any, made in respect of the above matter and proceedings.

I / We hereby assent to the actions already taken by said person(s) in the above matter.

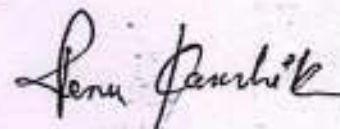
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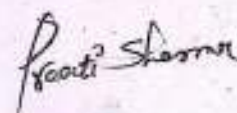
Dr. Shivani Kaul



Mr. Arun Kumar Chowdhary



Dr. Renu Kaushik



Ms. Preeti Sharma

Shikha Srivastava

Ms. Shikha Srivastava

To,
The Controller of Patents,
The Patent Office,
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Application Details

APPLICATION NUMBER	202241056451
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/10/2022
APPLICANT NAME	1 . Dr.Pankaj Goel, G L Bajaj Institute of Technology and Management 2 . Dr. Amit Singhal, Raj Kumar Goel Institute of Technology 3 . Ms. Anuradha Yadav, Greater Noida Institute of Technology 4 . Mr. Ashish Kumar, Ajay Kumar Garg Engineering College 5 . Dr. Naveen Kumar Singh, Vision Institute of Engineering 6 . Ms. Lakshita Sejwal, Ajay Kumar Garg Engineering College 7 . Mr. Shivam Agarwal, ACCURATE Enterprises 8 . Mr. Abhishek Singh, Sunder Deep Engineering College 9 . Mr.Shiv Narain Gupta, Greater Noida Institute of Technology
TITLE OF INVENTION	IOT-DRIVEN INTELLIGENT MONITORING SYSTEM FOR AUTISM CHILDREN'S EMOTION RECOGNITION FROM SMART CLASS VIDEO
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	pankaj.goel@glbitm.ac.in
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	14/10/2022



Application Status

FORM 5
THE PATENTS ACT, 1970(39 OF
1970)
&
THE PATENTS RULES, 2003
DECLARATION AS TO
INVENTORSHIP
[See section 10(6), rule 13(6)]

Name of Dr.Pankaj Goel,G L Bajaj Institute of Technology and Management, Dr.Amit Singhal,Raj Kumar Goel Institute of Technology, Ms.Anuradha Yadav,Greater Noida Institute of Technology, Mr.Ashish Kumar,Ajay Kumar Garg Engineering College, Dr.Naveen Kumar Singh,Vision Institute of Engineering, Ms.Lakshita Sejwal,Ajay Kumar Garg Engineering College, Mr.Shivam Agarwal,ACCURATE Enterprises, Mr.Abhishek Singh,Sunder Deep Engineering College, Mr.Shiv Narain Gupta, Greater Noida Institute of Technology, declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in

pursuance of my/our application IOT-DRIVEN
numbered

INTELLIGENT

MONITORING SYSTEM FOR

1. Inventor(s)

AUTISM CHILDREN'S EMOTION

RECOGNITION FROM SMART CLASS

VIDEO /are

Dr.Pankaj Goel,G L Bajaj Institute of Technology and Management, Dr.Amit Singhal,Raj Kumar Goel Institute of Technology, Ms.Anuradha Yadav,Greater Noida Institute of Technology, Mr.Ashish Kumar,Ajay Kumar Garg Engineering College, Dr.Naveen Kumar Singh,Vision Institute of Engineering, Ms.Lakshita Sejwal,Ajay Kumar Garg Engineering College, Mr.Shivam Agarwal,ACCURATE Enterprises, Mr.Abhishek Singh,Sunder Deep Engineering College, Mr.Shiv Narain Gupta, Greater Noida Institute of Technology,

Signature



A handwritten signature in black ink on a grey background, which appears to be the name Dr. Pankaj Goel.

Name of the applicants **Dr.Pankaj Goel**

FORM 9
THE PATENT ACT,
1970 (39 OF 1970)
&
The Patents Rules, 2003
REQUEST FOR
PUBLICATION
[See section 11A(2), rule
24A]

1. Name, address, and nationality of the applicant(s).

1. Dr.Pankaj Goel,G L Bajaj Institute of Technology and Management,
2. Dr.Amit Singhal,Raj Kumar Goel Institute of Technology,
3. Ms.Anuradha Yadav,Greater Noida Institute of Technology,
4. Mr.Ashish Kumar,Ajay Kumar Garg Engineering College,
5. Dr.Naveen Kumar Singh,Vision Institute of Engineering,
6. Ms.Lakshita Sejwal,Ajay Kumar Garg Engineering College,
7. Mr.Shivam Agarwal,ACCURATE Enterprises,
8. Mr.Abhishek Singh,Sunder Deep Engineering College,
9. Mr.Shiv Narain Gupta,Greater Noida Institute of Technology

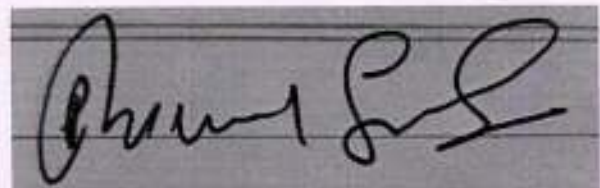
2. To be signed by the applicant or his authorized registered patent agent.

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

I/We Dr.Pankaj Goel, G L Bajaj Institute of Technology and ManagementDr. Amit Singhal, Raj Kumar Goel Institute of TechnologyMs. Anuradha Yadav, Greater Noida Institute of TechnologyMr. Ashish Kumar, Ajay Kumar Garg Engineering CollegeDr. Naveen Kumar Singh, Vision Institute of EngineeringMs. Lakshita Sejwal, Ajay Kumar Garg Engineering CollegeMr. Shivam Agarwal, ACCURATE EnterprisesMr. Abhishek Singh, Sunder Deep Engineering CollegeMr.Shiv Narain Gupta, Greater Noida Institute of Technology hereby request for early publication of my/our [Patent Application No.] 202241056451DATED01 Oct 2022 UNDER SECTION 11A(2) OF THE ACT.

3. Name of the natural person who has signed

Dr.Pankaj Goel,
 Associate Professor,
 Department of Applied Science,
 G L Bajaj Institute of Technology and
 Management Greater Noida
 Plot no 2, Knowledge, Park 3, Greater Noida
 Gautam Buddha Nagar,



Dr.Pankaj Goel