(Nationally Accredited by NAAC) [Recognized by UGC u/s 2(f) &12(B)]
(Permanently Affiliated to Thiruvalluvar & Annamalai University)
(An ISO 9001-2015 Certified Institution) Indili, Kallakurichi - 606 213.

3.2.1: Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation Centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

IPR and Incubation Centre

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(An ISO 9001-2015 Certified Institution) Indili, Kallakurichi - 606 213

Criteria - 3

पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 03/2021 ISSUE NO. 03/2021

शुक्रवार FRIDAY दिनांकः 15/01/2021

DATE: 15/01/2021

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Shri Rajendra Ratnoo) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

15ND JANUARY, 2021

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	2256 – 2257
SPECIAL NOTICE	:	2258 – 2259
LIST OF HOLIDAYS FOR THE YEAR-2021 (ENGLISH)	:	2260
LIST OF HOLIDAYS FOR THE YEAR-2021 (HINDI)	:	2261
CORRIGENDUM (MUMBAI)	:	2262
EARLY PUBLICATION (DELHI)	:	2263 – 2290
EARLY PUBLICATION (MUMBAI)	:	2291 – 2349
EARLY PUBLICATION (CHENNAI)	:	2350 – 2450
PUBLICATION AFTER 18 MONTHS (DELHI)	:	2451 – 2535
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	2536 – 2630
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	2631 – 2848
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	2849 – 2877
WEEKLY ISSUED FER (DELHI)	:	2878 – 2900
WEEKLY ISSUED FER (MUMBAI)	:	2901 – 2912
WEEKLY ISSUED FER (CHENNAI)	:	2913 – 2932
WEEKLY ISSUED FER (KOLKATA)	:	2933 – 2937
APPLICATION(S) FOR RESTORATION OF LAPSED PATENT(S) [PUBLICATION U/S 61(1) RULE 84(3)](DELHI)	:	2938
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT(CHENNAI)	:	2939
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	2940 – 2953
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	2954 – 2960
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI	:	2961 – 2973
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	2974 – 2981
INTRODUCTION TO DESIGN PUBLICATION	:	2982
DESIGN CORRIGENDUM	:	2983
THE DESIGNS ACT, 2000 SECTION 30 DESIGN ASSIGNMENT	:	2984
THE DESIGNS ACT 2000 SECTION 30(LICENSE)	:	2985
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000 & UNDER RULE 29(1) OF DESIGNS AMENDMENT) RULES, 2008	:	2986
REGISTRATION OF DESIGNS	:	2987 - 3054

(19) INDIA

(22) Date of filing of Application :11/01/2021 (43) Publication Date : 15/01/2021

(54) Title of the invention : DESIGN OF IOT BASED AIR POLLUTION CONTROL USING WI-FI SENSOR DEVICE INTEGRATED TO CLOUD COMPUTING

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)Dr. P.Vijaya Vani Address of Applicant: Faculty, Department of Mathematics University College of Engineering & Technology Acharya Nagarjuna University, Guntur-522508 Andhra Pradesh, India Andhra Pradesh India 2)Dr. Deepesh Sharma 3)Dr.(Er) Parimita 4)Dr.Umesh Kumar Lilhore 5)Dr. Devendra Prasad 6)Mrs.S.Chitradevi 7)Mr.R.Regin 8)Mr. Ashutosh Sharma 9)Mr. Naresh Kumar Ruparam 10)Mr. Lokesh Sharma (72)Name of Inventor: 1)Dr. P.Vijaya Vani 2)Dr. Deepesh Sharma 3)Dr.(Er) Parimita 4)Dr.Umesh Kumar Lilhore 5)Dr. Devendra Prasad 6)Mrs.S.Chitradevi 7)Mr.R.Regin 8)Mr. Ashutosh Sharma 9)Mr. Naresh Kumar Ruparam
	10)Mr. Lokesh Sharma

(57) Abstract:

To address the public health issue involved with socio-economic goals, smart cities follow different methods. The impacts of air quality on health and quality of life in life are well identified. WHO says air quality impacts of air quality on health and quality of life are well recognized. The SCAPC device was designed to test aerosol, VOC, CO, CO2, and temperature-humidity initial concentration to monitor air pollution control. The system provides resources for further analysis of air quality€the virtual server stores all data in the IoT - based healthcare cloud. The study cites Wi-Fi-Sensor Device Integrated (SDI), a centralized Smart Home Automation cloud computing platform.

No. of Pages: 11 No. of Claims: 5

One Day Workshop on Innovations in science and Tehnology to build a Knowledge Framework for society's sustainable Development

Date: 16.11.2022 Time: 10.30 Am

Venue:Kamarajar Auditorium A/C

Resource Person

Dr. SETHU.GUNASEKARAN, Ph.D., D.Sc.

TANSA Awardee
Founder-president, ISPA
Dean, Research Development
St.peter's institute of higher education and research, Avadi, Chennai

Entrepreneurship Development Cell of Dr.R.K.Shanmugam College of Arts and Science, organized a orientation programme on "Innovations in science and Tehnology to build a Knowledge Framework for society's sustainable Development"

The Orientation Programme was started with the customary Thamizhthai Vazhthu and lighting the divine lamp. Welcome address was delivered by Dr. G. Mohanasunder, Principal of Dr.R.K.Shanmugam College of Arts and Science. He insisted the students to make use of this programme and encouraged the students to build up their careers as an Entrepreneur.

Secretary of Dr.R.K.Shanmugam College of Arts and Science, Er. N. Govindaraju delivered the Presidential Address. He motivated the students to become like our Resource Person who achieved in very young age.

Felicitation Speech was delivered by Dr. P. John Victor, Vice Principal of Dr.R.K.Shanmugam College of Arts and Science. He insisted students to be enthusiastic in executing the business.

The chief guest introduction was given by Mrs. P. Gomathi, Assistant Professor, Department of BBA.

Chief Guest, Dr. SETHU.GUNASEKRAN, Ph.D. D.Sc. TANSA Awardee, Dean Research and Development, St. Peter's of Higher Education and Research, Avadi, Chennai. While delivering his address, told the students to come up with innovative ideas. He insisted that, the incubation research foundation committee will help out the students to make their idea into a product to be successful in the market with the help of Tamil Nadu Government Funds.

Students have raised their doubts on becoming entrepreneurs to the chief guest and also gave their feedback about the programme. In the last, Vote of Thanks was given by Mr. M. Sakthivel, HOD, Department of Computer Science and EDC Coordinator of Dr.R.K.Shanmugam College of Arts and Science.

The session was ended by singing the National Anthem.



Innovation Voucher Programme

Date: 18.11.2022 Time: 10:30AM

Venue: Kamarajar Auditorium A/C

Resource Person

Er. G. PRABAKARAN

CEO.

Annamalai Innovation and Incubation Research Foundation, Annamalai University, Chidambaram

Entrepreneurship Development Cell of Dr.R.K.Shanmugam College of Arts and Science, organized a orientation programme on "Innovation Voucher Programme".

The Orientation Programme was started with the customary Thamizhthai Vazhthu and lighting the divine lamp. Welcome address was delivered by Dr. G. Mohanasunder, Principal of Dr.R.K.Shanmugam College of Arts and Science. He insisted the students to make use of this programme and encouraged the students to build up their careers as an Entrepreneur.

Secretary of Dr.R.K.Shanmugam College of Arts and Science, Er. N. Govindaraju delivered the Presidential Address. He motivated the students to become like our Resource Person who achieved in very young age.

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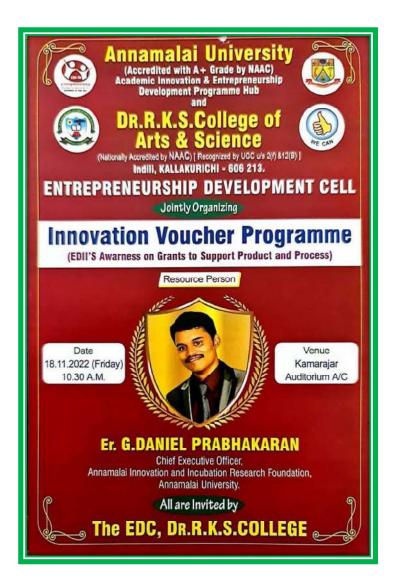
The chief guest introduction was given by Mrs. P. Gomathi, Assistant Professor, Department of BBA.

Chief Guest, Er. G. Prabakaran, CEO, Annamalai Innovation and Incubation Research Foundation, Annamalai University, Chidambaram while delivering his address, told the students to come up with innovative ideas. He insisted that, the incubation research foundation committee will help out the students to make their

idea into a product to be successful in the market with the help of Tamil Nadu Government Funds.

Students have raised their doubts on becoming entrepreneurs to the chief guest and also gave their feedback about the programme. In the last, Vote of Thanks was given by Mr. M. Sakthivel, HOD, Department of Computer Science and EDC Coordinator of Dr.R.K.Shanmugam College of Arts and Science.

The session was ended by singing the National Anthem.



MoU signed for Incubation Centre with Annamalai University:

Date: 18.11.2022 Time: 03:30 PM

Venue: Kamarajar Auditorium A/C

Entrepreneurship Development Cell of Dr.R.K.Shanmugam College of Arts and Science, have signed a Memorandum of Understanding (MoU) with Annamalai Innovation and Incubation Research Foundation, Annamalai University, Chidambaram to enrich the students innovative ideas.

Students have raised their doubts on becoming entrepreneurs to the chief guest and also gave their feedback about the programme. In the last, Vote of Thanks was given by Mr. M. Sakthivel, HOD, Department of Computer Science and EDC Coordinator of Dr.R.K.Shanmugam College of Arts and Science.

The session was ended by singing the National Anthem.



Tamil Nadu Student Innovator Program:

Date: 23.01.2023 Time: 10:30 AM

Venue: Kamarajar Auditorium A/C

Resource Persons

Mr. M. LOGESHWARAN

Proprietor, Metha Scientific & Solution, Chidambaram

Mr. VIGNESH THANASELVAN

Field Coordinator, AIEDP HUB - EDII TN, Annamalai University, Chidambaram.

Entrepreneurship Development Cell of DR.R.K.Shanmugam College of Arts and Science, organized a orientation programme on "Tamil Nadu Student Innovator Program".

The Orientation Programme was started with the customary Thamizhthai Vazhthu and lighting the divine lamp. Welcome address was delivered by Dr. G. Mohanasunder, Principal of Dr.R.K.Shanmugam College of Arts and Science.

Felicitation Speech was delivered by Dr. P. John Victor, Vice Principal of Dr.R.K.Shanmugam College of Arts and Science. Chief guest introduction was delivered by Mr. A. Venkatesan M.Sc., M.Phil., Assistant Professor of Chemistry.

Chief Guest, Mr. M. Logeshwaran while delivering his speech, insisted the students to be a job giver and not a job seeker after the completion of degree. He listed out the various positive aspects of being an entrepreneur. Students interacted with the Chief Guest, cleared their doubts and also gave the feedback.

Special Guest, Mr. Vignesh Thanaselvan while delivering his speech, he insisted students to boost their innovative ideas and register themselves in the University hub. He also encouraged student to get involved in the

innovators/entrepreneurs council, which is run by the Government of Tamil Nadu. He added that, the student teams are provided opportunity to give their innovative ideas as a solution to identified validated problem statements in the field of Agriculture Industry, Smart Cities, Health Care, Fin-Tech and Automobile sectors. Students interacted with the Special Guest and also gave the feedback.

In the last, Vote of Thanks was given by Mr. M. Sakthivel, HOD, Department of Computer Science and EDC Coordinator of Dr.R.K.Shanmugam College of Artsand Science.

The session was ended by singing the National Anthem.



Innovation Idea Registration

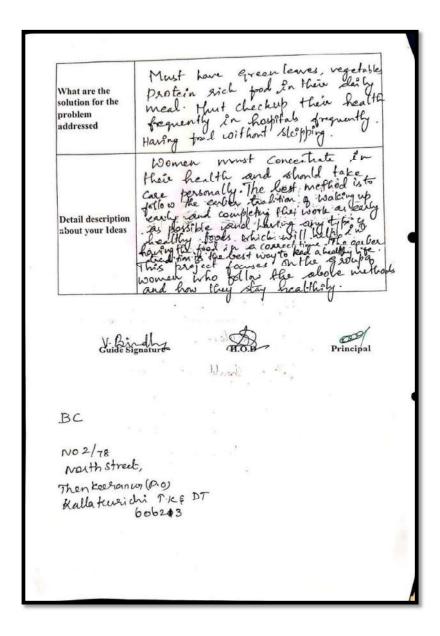
Date: 23.01.2023 Time: 03:00 PM

Venue: Kamarajar Auditorium A/C

Entrepreneurship Development Cell of Dr.R.K.Shanmugam College of Arts and Science have reached a milestone in this academic year, by registering two students ideas in the University Hub. These two students ideas have been selected by the Annamalai University among 80 colleges.

- 1) S. Aishwarya of I M.A., Tamil for her project titled "Food Habits of Women"
- 2) R. Shobana of I M. A., English for her project titled "Teaching Moral Values through Oral Literature in the Selected Schools"

TNSI Idea Registration	
Student Name	S. ISHWARYA
Mobile No	6374990379
Email Id	carydhra ishwayya 22 @ g. mail. com
D.O.B	22.10.2001
Aadhar No	480978653677
District	KALLAKURICHI
Degree & Branch	MA TAMIL
Project Title	FOOD HABITS OF WOHEL.
ldea is about	Impact of skipping the mouning meal by most of the women affects their health in many ways such as deficiency of iam, themis, user problems.
One line about your project	Woman Should get balanced for their weal.
What is the problem that are you going address	To improvise the methods in cooking to help out the women to have their food in a proper manner.



	TNSI Idea Registration
Name	R. SMBANA.
Mobile No	9361557086.
Email Id	sshobhara114@gma?l.com
D.O.B	23-4-2001
Aadhar No	874861703912
District	KASFAKORICHI.
Degree & Branch	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Project Title	TEACHTALE MORAL VASUES THROUGH OPAL
Idea is about	Now-aclays strolents deriate Now-aclays strolents deriate from the moral values as they from the moral values as they were not regular to the schools where to coaona. This sting moral values where to coaona Duristing the English through stories during the English through stories during the English through the schools an improvise house in the schools an improvise
One line about your project	A story-telling teaching model for inculcating values to children and partly.
What is the roblem that are ou going address	The development of a society depends on the minds of youth. It me present time due to the simpact of consumity tails to realise the community tails to realise the moral values which result in the lack of their social life and the lack of their social life and even that affects the future. To even that affects the future of reisher this oral lateratures me of reisher this oral lateratures me of

Osal literatures focuses on the ethical and the mosal gap in the existing educational system. It hasn't necessed the proper attention. This method enables the students to understand our society before learning about other fultimes. The sound glounding there about their own culture offers to Obecome a better member in the locity. What are the solution for the problem addressed Osal literature council be taken as a part of literature. If we are applying this method properly in an effective morner it will not helps in the change of the stress of the society which will results in the upliffment. This project aims to emplement the an effective manner as it would be a great revolution of the change. Detail description about your Ideas CORRE Guide Signature Principal COMMONITY - BC. ADDRESS: Ramas WEST STREET, EDUTTHAVAINATTHAM (PO) CHINNASAFEM CTK), KAFFAKURICHI - 606 213.

	TNSI Idea Registration
Name	S. SURYA
Mobile No	6385260927
Email Id	25.508402229 @gmall. com.
D.O.B	22.05.2001
Aadhar No	801228542439
District	KALLAKURICHI
Degree & Branch	BBA ~ III
Project Title	PERFORMANCE APPRAISAL
Idea is about One line about your project	A STUDY ON PEKFORMANCE APPRAISAL The Regular seview of an employees Job performance and over all contribution to a company.
What is the problem that are con going address	Appraiser Discomfoot and Stoess.

What are the solution for the problem addressed	performance appaisal compountensivel evaluates employee performance with regard to his or har performance on the Job and his/her potential for development.
Detail description about your Ideas	performance appraisal is a process for evaluationy and documenting how well an employee is carryi out his or her tob. It is part of a company's performance management of a company's performance approxisal are system performance approxisal are well on the employee's progress was on the employee's progress well on the employee's progress well on the employee's progress well on the employee's progress.

PJ_L_ Guide Signature H.O.D

Principal

	TNSI Idea Registration
ASIDHARAN Name	G.R. SASIDHARAN
Mobile No	9789418144
Email Id	toumpheasi 123 @ gmail.com
D.O.B	05 03 2003
Aadhar No	9742 0658 3023
District	Kallakuvichi
Degree & Branch	Bachelon Of Computer Application
Project Title	Gaming
Idea is about	The idea is about creating a inovative and most entertaina grame
One line about your project	It makes our free time usefully
What is the problem that are you going address	the problem that I going to address the graphics of other games are non ratisfiable so I need to change graphics of my game.

	we need to overcome from
What are the solution for the	The posoblem make sure your
problem addressed	animation and graphiss are in
audi coscu	triend or make it briend.
Detail description about your Ideas	The now a days the gameplaying Reoples need a better graphics and
	mimation visualization so. We
	I to uporade our grap
	and animations to ratisfy the users.

Guide Signature

н.о.б

Principal

community: BC

Fatheris Name: Govind harray an

Address: 27, 10th street

Vijayapwam.

chinnasalem (po)(th).

606201.

TNSI
Idea Registration

	Idea Registration	
Student Name	DEE PA. R	
Mobile No	7010673147	
Email Id	deeparadhaxamanan @ gmail.com	
D.O.B	19. 07. 1998	
Aadhar No	7248 6039 9874	
District	Kallakusichi.	
Degree & Branch	M. Sc., COMPUTER SCIENCE	
Project Title	Herbal Products Manufacture Umz	
dea is about	Home made health Nave, Skin Lave, Body and Hair care products making in a traditional way without wing chemical Substances.	
One line about our project	Herbal makes our lives Healthy.	
hat is the you roblem that are ou going address	Major problem is howing toxic napkins contains dioxin substance which results in PCOD, irregular periods etc	

What are the solution for the problem addressed	esolution for that problem, we make a naprins with pure cotton clothes in a braditional way.
Detail description about your Ideas	Herbal Soaps: From aavarampoo, Kuppaimeni, Nalangumaavu, Redwine, Redsardal etc Shampoo from pure &hikkakai, aloevera. Oil from more than 20 herbs like curry leaves, bringaray, onion etc Bath powder with more than 10 herbs like Koraikizhangu, pachaipaiyiru, aavarampoo etc

Hema.R. Guide Signature



Principal

Enclose:

Student passport l'ize phorto

Deepa O 1

Adsaya@ 514

TNSI Idea Registration

V 4	Idea Registration
Name	F.ADSAYA
Mobile No	7010808897
Email Id	adeaya 511, agmail.com
D.O.B	05.01.2001
Aadhar No	5717 8025 6632
District	Kallakurichi
Degree & Branch	UG Degree & Indhili
Project Title	Soil vitality - poortood on வர்சக்கி
Idea is about	Agricultural Conservation
One line about your project	Collect the Naturentwill Drive the Disease
What is the problem that are you going address	The soil is polluted due to the use of large no of chemical ferbilizers. The soil pollution reduces the soil quality. This results in pollution of the plants growing in the soil. In that situation the yield of plant and neutriers are reduced as well as Human diel is affected and diseases and losses also occur.

What are the solution for the problem addressed	plants part to produce manuse to prevent these things and rainforce the fertility of the soil, increase the neutries of the plants and work for man's physical health.
Detail description about your Ideas	Natural fertilizers mobilization by. using. 1) Leas Shoes, steam, fruits, etc. 2) Vegetable waste 3) wast of cattle
Address for Communication	E. Adsaya D/o Dhavamani 36/, South Street, Arun (Po) Kidangudaiyampattu, Sankarapuram (TK) Kallakurichi (Dt).

E-Adequa Signature of the student

A.Voor Guide Signature

H.O.D

.001 Principal

Kalalyarasi@55vimala.

TNSI Idea Registration

ALCOHOL: NAME OF TAXABLE PARTY.		8
	Name	k. Kalaiyanasi.
Mobile No		6369280798.
Email Id		Kalaijarasi 55 vimala Q. gmail. Com.
D.O.B		17.05.8001.
Aadhar No		251467887647
District		Kallakurichi.
Degree & Branch		II - Mac Mathematics.
Project Title		A Study on generalized Contractions on Partial fuzzy Metric Spaces.
Idea is about		The fixed point theorems for generalized Contractive type mappings on partial tuzzy Metric Space.
One line about your project		The concepts of contractive mappings are Introduced in partial tuxy metric space.
What is th problem t you going	hat are	I have extended the partial Metric Spaces applied as partial fuxxy metric Spaces applied in concepts of contractive mappings and fixed point theorems.

The North (str.) Melus & post Kallakurichi (Dt.)

Community: BC

What are the solution for the problem addressed	I have entended the basic condition of Partial Metric Space as partial tuxxy metric spaces in contractive mapping.
Detail description about your Ideas	1. Contractions on partial tuxxy metric Spaces. Descriptions on partial fuxxy metric Spaces Bettiel the partial metric Spaces as partial tuxxy metric Spaces.

E. J., Ju-Guide Signature E. √-1, 3,1 — H.O.D Principal

Enclose!

Student passport size photo

TNSI Idea Registration

	1000 210 8
Student Name	ARUNA B & NAVEENA C.V
Mobile No	9150630509 & 8220635533
Email Id	aruna 62019 @gmail.om & naverna 82206355330 smail.
D.O.B	06.09.2000 × 30.09.2001
Aadhar No	5394 4102 4722 \$ 2111 8348 5321
District	KALLAKURICHI
Degree & Branch	MBC & SC
Project Title	Growth and characterization of 2-Heltylinidasele based organic single crystal for NLO applications.
dea is about	In the project, the grown title orystals were characterized by structure and physico-clumical properties. All the results obtained for the title crystal suitable for the HILO crystals.
ne line about our project	Organic single coystal for HLO applications.
hat is the oblem that are u going address	2-Methylimidatole is an organic cyclic amine compound which gives the highest contribution over manufacturing for pharmaceutical and agriculture chemicals. No more other applications in this methylal.

(MBC)

(M