

# K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accreditated by NAAC with 'A' Grade and ISO 9001:2008 Certified Institution)

R. SRINIVASAN B.B.M., Chairman cum Managing Trustee Dr. P. SENTHIL KUMAR M.E., Ph.D.,(IITM)
Principal

Ref: SM/R&D/KSRCE/2017-18

Date: 07.06.2017

Chairman

Sub: Research Project Grant - Seed Money - Approval - 2017-2018 - Reg

It is hereby informed that the following research projects for seed money is sanctioned by the institute for the academic year 2017 -2018.

S.No.	Name of the Department		Title of the Project Proposal	Sanction Order No	Total Cost of the Project in Rs.
1.	ECE	Dr.S.Karthikeyan Mrs.P.Thilagavathi	Certain investigation on anomaly detection between Master / Slave communication networks using IoT in Industry 4.0	SM/RP/2017- 18/01	1,62,550
2.		2. 2	A Portable Cost Effective Electrocardiogram Data Acquisition and Analysis System	SM/RP/2017- 18/02	1,32,200
3.		Dr P Raiaa	A Study on Store Inside Factors Influencing to Purchase the Cloth with Special Reference to Tamilnadu	SM/RP/2017- 18/03	1,10,000
				Total	4,04,750

Dr. V.Research Convener Ph.D.

Professor and Head
Department of Civil Engineering
K. Copyctorge of Engineering

C**opywo:**ge of Engineerin Firuchengode - 637 215. Principal

PRINCIPAL A.S.R. COLLEGE OF ENGINEERING

K.S.R. KALVI NAGAR, TIRUCHENGODE-837 215

i) Heads of the Department

ii) The Individual

iii) Administrative Office

iv) R&D

TIRUCHENGODE STORY TO THE STORY

KSR Kalvi Nagar, Tiruchengode-637 215, Namakkal Dist., Tamil Nadu. Ph: 04288-274213, 274741 Fax: 04288-274757 Email: info@ksrce.ac.in, Web: www.ksrce.ac.in

# K.S.R.College of Engineering, Tiruchengode - 637 215

# Statement of Expenditure for Seed Money Financial Grant

Academic Year: 2017-2018

Date:29.03.2018

Department	1:	Electronics and Communication Engineering
Name of the Principal Investigator	:	Dr.S.Karthikeyan
Name of the Name of the Co –Investigator	:	Mrs.P.Thilagavathi
Title of the Seed Money Project	÷	Certain investigation on anomaly detection between Master / Slave communication networks using IoT in Industry 4.0
Approval Lr No& dated	:	SM/RP/2017-18/01 & 7-06-2017
Amount Sanctioned	:	Rs. 1,62,550
Arnount Utilized	:	Rs. 1,62,550

**Expenditure Details** 

S.No.	Particulars Quantit		Amount Per Unit	Amount in Rs	
	C	component's			
1.	LattePanda Alpha 864s – Tiny Ultimate Windows / Linux Device	1	37000	37000	
2.	Network Switch- 8 Port	1	13,500	13,500	
3.	Ethernet to ser RS-232	1	15,200	15,200	
4.	Speed Sensors High Output VRS Sensor	2	9400	18800	
5.	Monitoring Relay	1	6,500	6,500	
6.	Pick up coil sensor	10.	500	5000	
7.	Current Sensor	10	200	2000	
8.	Networking Adapter Cable	1	1800	1800	
9.	Proximity Sensor	5	550	2750	
10.	Rasbery Pi Board	1	25000	25000	
11.	Coolant Temperature Sensor	5	3,400	17000	
12.	Miscellaneous		10000	10000	
13.	Travel	,	8000	8000	
		Tota	Amount in Rs.	1,62,550	

Signature of the Principal Investigator

(D) S-KMA THIKEYAN Dr. F

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Signature of the HOD

Principal Dr. P.S. PERIASAMY, B.E., M.E., Ph.Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),

Professor & Head,

PRINCIPAL. Dept. of Electronics and Communication Engineering & COLLEGE OF ENGINEERING,

K.S.R.College of Engineering, Tiruchengode TRUCHENGODE 6:7 215, Tamilnadu, India, PIN-637 215

HAMAKAL DI, IMML NAUU.

# K.S.R.College of Engineering, Tiruchengode - 637 215

# **Utilization Certificate**

Certified that the grant of Rs. 1,62,550 ( One lakh sixty -two thousand five hundred and fifty only) received from the K.S.R.College of Engineering, Tiruchengode for research project under the seed money scheme entitled "Certain Investigation on Anomaly Detection Between Master / Slave Communication Networks Using IoT in Industry 4.0"vide letter No. SM/RP/2017-18/01 dated 7-06-2017 has been fully utilized for the purpose for which it was sanctioned and in compliance with the guidelines established by the institute.

Principal Investigator

Signature with date **Head of Department**  Signature with date Principal

Signature with date

Finance Officence Officer.

Dr. P.S. PERIASAMY, BE, M.E., Ph.D Dr. P. Senthil Kumar, M.E. Ph-Bellett gode-637 215. K.S.R. Educational Institution

PRINCIPAL,

DWF ( F DE Dept. of Electronics and Communication Engineering K. S. R. COLLEGE OF ENGINEERING. K.S.R.College of Engineering, Tiruchengode

Tamilnadu, India, PIN-637 215

K. S. R KALVINAGAR, TIRUCHENGODE-837 215.

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# K.S.R. College of Engineering, Tiruchengode - 637 215 (Autonomous)

# Statement of Expenditure for Seed Money Financial Grant

Academic Year: 2017-2018

Date: 29.03.2018

Department	•	Electrical and Electronics Engineering
Name of the Principal Investigator	:	Dr.C.Gowrishankar
Name of the Name of the Co –Investigator	:	Dr.S.Ramesh
Title of the Seed Money Project	:	A Portable Cost Effective Electrocardiogram Data acquisition and Analysis System
Approval Lr No& dated	:	SM/RP/2017-18/02 dated: 07.06.2017
Amount Sanctioned	:	Rs. 1,32,200
Amount Utilized	:	Rs. 1,32,200

# **Expenditure Details**

S. No.	Particulars	Quantity	Total Amount (Rs)
1.	Lab VIEW biomedical toolkit with compact DAQ controllers and Module	1	87000
2.	Testing	X - 10	20,400
3.	Other Consumable		11,800
4.	Travel		2,500
5.	Others		10,500
		Total	1,32,200

Signature of the Principal Investigator

Dr. C. Gowri Shankar, Ph.D. Associate Professor, Dept. of Electrical & Electronics Engg.,

K.S.R. College of Engineering, Tiruchengode-637 215.

Signature of the HOD

Dr. S.Ramesh, B.E., M.E., Ph.D.Dr. P. Senthil Kumar, M.E., Ph.D., (117 Professor & Head

Department of EEE K.S.R. College of Engineering Tiruchengode-637 215.

Principal

PRINCIPAL,

K. S. R. COLLEGE OF ENGINEERIN. K. S. R. KALVI NAGAR, TIRUCHENGODE-637 21 NAMAKKAL DE, TAMIL NAUL.

# K.S.R. College of Engineering, Tiruchengode – 637 215 (Autonomous)

# **Utilization Certificate**

Certified that the grant of Rs. 1,32,200 (Rupees One lakh thirty two thousand and two hundred rupees only) received from the K.S.R. College of Engineering, Tiruchengode for research project under the seed money scheme entitled "A Portable Cost Effective Electrocardiogram Data acquisition and Analysis System" vide letter No. SM/RP/2017-18/02 dated 07.06.2017 has been fully utilized for the purpose for which it was sanctioned and in compliance with the guidelines established by the institute.

**Principal Investigator** 

Signature with date **Head of Department** 

Signature with date **Principal** 

Signature with date

Finance Officer,

Dr. C. Gowri Shankar, Ph.D Associate Professor, Dr. S.Ramesh, B.E.,M.E.,Ph.D Dept. of Electrical & Electronics Engg., Professor & Head K.S.R. College of Engineering K.S.R. College of Engineering

Tisuchengode-637 215.

Dr. P. Senthil Kumar, M.E., Ph.D., (17th); nal Institutions PRINCIPAL. K. S. R. COLLEGE OF ENGINEERING.

K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL Dt, TAMIL NADU.

# K.S.R. College of Engineering, Tiruchengode – 637 215

# Statement of Expenditure for Seed Money Financial Grant

Academic Year: 2017-2018

Date: 28.03.2018

Department	:	MBA
Name of the Principal Investigator	:	Dr. P.Raja
Name of the Name of the Co –Investigator	:	Mr. K.Selvaraju
Title of the Seed Money Project		A study on store Inside factors Influencing to Purchase the cloth with Special reference to Tamilnadu
Approval Lr No & dated	:	SM/RP/2017-18/03 dated 07.06.2017
Amount Sanctioned	:	Rs. 1,10,000
Amount Utilized	:	Rs. 1,10,000

# **Expenditure Details**

S. No.	Particulars	Total Amount (Rs)
1	Pilot study	8,000
2	Data collection	88,000
3	Report Printing	4,000
4	Miscellaneous Expences	10,000
	Total	Rs.1,10,000

Signature of the Principal Investigator

Signature of the HOD

Dr. N. S. SHANTHI,
Professor & Head
Department of MRA

K.S.R. College of the gardening

Principal

PRINCIPAL
K.S.R.COLLEGE OF ENGINEERING
K.S.R.Kalvi Nagar, Tiruchengode-637 21:
Namakkal Dist., Tamilnadu

# K.S.R. College of Engineering, Tiruchengode – 637 215

# **Utilization Certificate**

Certified that the grant of Rs. 1,10,000 (Rupee One Lakh and ten thousand only) received from the K.S.R. College of Engineering, Tiruchengode for research project under the seed money scheme entitled "A study on store Inside Factors Influencing to purchase the cloth with Special reference to Tamilnadu" vide letter No. SM/RP/2017-18/03 dated 07.06.2017 has been fully utilized for the purpose for which it was sanctioned and in compliance with the guidelines established by the institute.

Signature with date Principal Investigator

Signature with date Signature with **Head of Department** 

Signature with date

K.S.R.COLLEGE OF ENGINEERING Dr. N. S. SHANTHIK.S.R.Kalvi Nagar, Tiruchengode-637 215 inance Officer, Namakkal Dist., Tamilnatus.R. Educational Institutions,

Department of MBA K.S.R. College of Engineering Tiruchengode · 637 215.

Tiruchengode-637 215.



# K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution)
Tiruchengode, Tamil Nadu - 637 215.

# 3.1.2: Seed Money Provided for IPR (2017-2018)

S.No.	Name of the Dept.	Name of the Faculty	Title of the Patent	Application No.	Date	Amount in Rs
1.	CSE	Dr.P. Balamurugan Dr.A.Viswanathan A.M. Viswabharathi V.Sharmila	Power Generation Using Retention of Rotary Motion in a Turbine by Water Currents		07.09.2017	1760
2.	EEE	Dr.K.Prakasam Dr.V.Ravi Dr.R.Sankarganesh Dr.S.Ramesh	Smart and Energy Efficient Cooking System	201841017477	09.05.2018	1500
3.	iΤ	Singaravel G	Smart Compact Structural Instrument – Converting software Tools	Journal No. 43/2017	27/10/2017	500
4.	ECE	Dr.P.S.Periasamy	Innovative Development of Security System for Thief trapping	201641038097 1	11/05/2018	1750
5.	ECE	P.Sivakumar	Modern & Cost effective Fish Scale removing System	201641038094	11/05/2018	1450
6.	MECH	Dr.P.SenthilKumar	Mechanical Testing on Glass Fiber Reinforced with Jule Fibre Composites		11.07.2017	1790
7.	MECH	Mr.C.Shivakumar	Friction Stir Welding of Austenitic Monel-TI Shape Memory Alloys		14/08/2017	1790
8.	MECH	Mr.S.Saravanan	Performance Evaluation of AA6063-TIC Composite Piston on IC Engines	201741027604	03.08.2017	1790
9.	MECH	Mr.P.Vignesh	Mechanical Vibration Analysis of a Boring Bar in Boring Operation		4.10.2017	1790
10.	MECH	Dr.P.Senthilkumar	Experimental Studies on TIG Welding of 304 Austentic Stainless Steel Weldments		22/11/2017	1790
11.	MECH	Mr.T.Kandasamy	Flying Windmill	201841008157	05.03.2018	1790
12.	MECH	Mr.T.Kandasamy	Automatic Car Door Lock Opening System in Emergency Situtation	Programme and control of the	05.03,2018	1790
13.	MECH	Mr.T.Santhoshkumar	Design and Fabrication of Wiper System for Automobiles		23/03/2018	1790
14.	MECH	Mr.P.Saravanan	Design and Analysis of Advanced Intelligent Reverse Braking System			1790



MERCOLLEGE OF ENGINEERING K.S.R. KALVI NAGAR,



# K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution)
Tiruchengode, Tamil Nadu - 637 215.

15.	MECH	Dr.T.Sureshkumar	Design of Auto Reverse Wheel Locking Device for Light Commercial Vehicle	CAMPACHICAL CONTRACTOR OF	16.04.2018	1790
16.	MECH	Mr.P.Vignesh	Metal Matrix By Using Aluminium Alloy With Reinforcement Of Rice Husk Ash(RHA)	201841012979	04:04:2018	1790
17.	MECH	Mr.P.Vignesh	Pneumatic Based Robotic Arm	201841012983	04.04.2018	1790
18.	MECH	Dr.M.Prabu	Insect Trapping Scarecrow	201841013667	05.04.2018	1790
19.	MECH	Mr.S.Magibalan	Fabrication of Dual Axis Solar Tracking System	201841010593	20.03.2018	1790
20	MECH	Mr.S.Magibalan	Fabrication of Modern Solar Air Cooler	201841010375	20.03.2018	1790
					Total	33,810

Convener

Onvener

Dr. V. REVATHI, M.Tech., Ph.D.,
Professor and Head

Department of Civil Engineering
K.S.R. College of Engineering
Tiruchengode - 637 215.

OF ENGLISH STATES

Principal

PRINCIPAL

R.S.R. KALVI NAGAR,

TIRUCHENGODE-637 214

- Dr.P. Balamurugan, Associate Professor / CSE
- Dr. A. Viswanathan, Associate Professor / CSE
- A.M. Viswabharathi
   Assistant Professor / CSE
- Mrs V. Sharmila, Assistant Professor / CSE K.S.R. College of Engineering, Tiruchengode 637 215.

To

The Principal,

K.S.R. College of Engineering,

Tiruchengode 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees for filed patent Reg.

We have filed a patent in the title "Power Generation Using Retention of Rotary Motion in a Turbine by Water Currents".

We request you to sanction the amount of Rs. 1760/- (Rupees one thousand seven hundred and sixty only) towards the application fees for the same.

Thanking you,

Place: Tiruchengode

Date:11/11/2017

Yours Faithfully.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

# K.S.R. COLLEGE OF ENGINEERING, K.S.R. KCIM Nagar, TIRUCHENGODE - 637 215.

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K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

(Form 1)

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THE PATENTS ACT 1970 (39 6F1970)

(FOR OFFICE USE ONLY)

Application No Filing Date.

THE PATENTS RULES, 2003 APPLICATION FOR Amount of Fee Paid GRANT OF PATENT CBR No:

[Sec ection 7, 54 & 135 and rule 20(1)]

Signature:

APPLICAN	LISI
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Name	Nationality	Address
I. Dr P BALAMURUGAM	INDIAN	Thoolur, Vilathur Po Paramakudi -623 707 Ramanathapuram, Tamilnadu.
2. Dr.A. VISWANATHAN	INDIAN	Door No: 8 Sathya Steet Municipal colony Erode- 638 004
3 A.M.VISWABHARATHI	INDIAN	46/1-3 SVS Apartments Velalar Colony 3 <sup>rd</sup> street Suruyampalayam Po Tiruchengode- 627 209. Namakkal dt Tamilnadu.
4 V SHARMILA	INDIAN	8 semmalai street Rasipuram -637 408 Namakkal, Tamilnadu.

### INVENTORIS

(ame	Nationality	Address
Dr.P.BALAMURUGAM	INDIAN	Thoolur, Vilathur Po Paramakudi -623 707 Ramanathapuram, Tamilnadu.
Dr.A.VISWANATHAN	INDIAN	Door No: 8 Sathya Steet  Municipal colony  Erode- 638 004

radictions 1 since impalación Re FOR ISSEABLY RATIO 1 mehangode- 63 / 209 Namakkal ut Lamihadu 8 semmala, street Rasipuram -637 408 V SHARMILA INDIAN Namakkal, Tamilnadu bute Of The Javention: FUNCER GENERATION USING RETENTION OF ROTARY MOTION IN A GREENE BY WATER CURRENTS ADDRESS FOR CORRESPONDENCE OF APPLICANT (AUTHORISED AGENT IN INDIA Dr.P.BALAMURUGAM Mobile No. 9600761623 Theolar, Vilathur Po-Email Id:pookumbala@gmail.com Paramakudi -623 707 Ramanathaparam, Tamilhadu. 2 Dr.A. VISWANATHAN Door No: 8 Sathya Steet Mobile No: 9952600888 Municipal colony Mail id: professorvichu@gmail.com Erode- 638 004 3. Mr.A.M.VISWABHARATHI 46/1-3 SVS Apartments Mobile No: 9659965959 Velalar Colony 3rd street Email ld: viswabharathy86@yahoo.co.in Suruyampalayam Po Firuchengode- 637 209. Namakkal dt Tamiloadu 4.Mrs.V.SHARMILA 8 semmalai street Mobile No: 8883560555 Mail id: sachinsv06@gmail.com Rasipuram -637 408 Namakkal, Tamilnadu. PRIORITY PARTICULARS OF THE APPLICATION (S) FILED IN CONVENTION COUNTRY Filing Date Name of the Applicant Title of the Invention Application Country

NIL

PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE

Number

APPLICATION

	International appli	cation number	International filing	g date as allosted by the receiving	goffice
	,		NIL		
7	PARTICULARS FOR	FILING DIVISION	AL APPLICATION		
	Original (Hist) appl	ication number	Dale of fili	ng of Original (first) application	
		1	NOT APPLICABLE		
8.	PARTICULARS FOR	FILING PATENT O	OF ADDITION		
	Main application/p	patent Number	Date o	f filing of main application	
	×	<b>`</b>	NOT APPLICABLE		
9	DECLARATION:				
The second secon	applicant(s) herein is/are	inventor(s) is are the		r(s) for this invention and declar	re that the
	(a) Date	: 07.09.2017			
	(b) Signature(s) of the inventor(s)	: mar	- book	de M	. سن
	(c) Name(s)	: P.Balamurugan	A.Viswanathan	A M Viswabharathy V Sharm	nila
	(ii) Declaration by the L/We, the applicant(s) in legal representative.	applicant(s) in the co	onvention country try declare that the ap	plicant(s) herein is/are my/our as	signee on
				The street of the street of the street of the	
	*	: 07.09.2017			
	(a) Date (b) Signature(s) of the inventor(s)	: 07.09.2017 : Marx	beer.	d s	<u> </u>

Dr.S.Ramesh, Prof.& Head/EEE V.Ravi, Prof./EEE Dr.R.Sankarganesh, ASP/EEE Dr.K.Prakasam, AP/EEE K.S.R. College of Engineering, Tiruchengode - 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent - Reg.,

As we would like to file a patent in the title "Smart and Energy Efficient Cooking System". We request you to grant the permission to file above said patent. We also request you to sanction the amount of Rs. 1500 /- (Rupees one thousand five hundred only) toward the application fees for the same.

Thanking You,

Date: 14.05.2018

Place: Tiruchengode

Yours faithfully, Juls 118

Submitted to principal

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DE, TAMIL NADU.

# K.S.R. COLLEGE OF ENGINEERING,

K.S.R. Kalvi Nagar, TIRUCHENGODE - 637 215.

# CASH/CHEQUE PAYMENT VOUCHER

Vr. No	*******			Date 16/05/2018
Debit	******************	*******************	+049174+8+848000+8+F++F+	
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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

"FORM 1					
THE PATE	NTS ACT 1970 (3 NTS RULES, 2003 ION FOR GRANT	hall to the		(FOR O	FFICE USE ONLY)
(See section	on 7, 54 and 135	and sub-rule	(1) of rule 20\	d Measure	
			Applicatio	n No.	
•			Filing date		
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			CBR No:		
<b>.</b>			Signature:		
	ANT'S REFERENC ATION NO. (AS		AKCYT	NAME	VAVIBELARMANT
2. TYPE OF	APPLICATION [	Please tick (	) at the approp	riate catego	rvl
Ordinary (	Live Laseross Laseross	Convention		PCT-NP()	CONTRACTOR
ivisional	Patent of	Divisional	Patent of	Divisional	Patent of Addition ( )
)	Addition ( )	()	Addition ()	()	
3A. APPLI	CANT(S)			1,'	
Name in	1604 2 (15)	Nationality	Country of	Address of	the Applicant
Name in	1604 2 (15)	Nationality	Country of Residence		
Name in	1604 2 (15)	Nationality		Address of House No. Street	32
	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No.	32
	1604 2 (15)	Nationality INDIAN		House No. Street	32 Nehru Street, Modakuri
	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No. Street City	32 Nehru Street, Modakuri Erode
	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No. Street City State	32 Nehru Street, Modakuri Erode Tamilnadu
	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No. Street City State Country	32 Nehru Street, Modakuri Erode Tamilnadu India
	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No. Street City State Country Pin code	32 Nehru Street, Modakuri Erode Tamilnadu India 638104 31/Minnakattuthottam,
Dr.K.PR	Full	INDIAN	Residence	House No. Street City State Country Pin code House No.	32 Nehru Street, Modakuri Erode Tamilnadu India 638104
Dr.K.PR	Full (Associated	untes una n-code 60 ntate caregora	Residence	House No. Street City State Country Pin code House No. Street	Nehru Street, Modakuri Erode Tamilnadu India 638104 31/Minnakattuthottam, Thaneerpanthalpalayam

PATENT OFFICE INTELLECTUAL PROPERTY BUILDING G.S.T. Road, Guindy, Chennai-600032 Tel No. (091)(044) 22502081-84 Fax No. 044 22502066 E-mail: Chennai-patent@nic.in Web Site: www.ipindia.gov.in





Date/Time: 09/05/2018

Agent Number:

CHALLAN: TR-5 **DOCKET NO:34978** 

To,

Dr. K.PRAKASAM

K.S.R COLLEGE OF ENGINEERING KSR KALVI NAGAR, TIRUCHENGODE 637 215.

prakasmeee@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	12903	ORDINARY APPLICATION	201841017477	SMART AND ENERGY EFFICIENT COOKING SYSTEM	1750
2		E-101/10908/2018-CHE		Correspondence	0
3		E-2/1470/2018-CHE	201841017477	Form2	0
				Total:	1750

Received a sum of Rs. 1750 (Rupees One Thousand Seven Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	City Union Bank Ltd.	478506	04/05/2018	1750

Note: This is electronically generated receipt hence no signature required.

Dr.G.Singaravel

Professor & Head

K.S.R. College of Engineering.

Tiruchengode - 637 215.

To

The Principal,

K.S.R. College of Engineering,

Tiruchengode - 637 215.

Respected Sir,

Sub.: Requisition to grant the application feesfor patentfiling- Reg.,

I would like to file a patent in the entitled "Smart Compact Structural Instrument-Converting Software Tools". I request you to grant the permission to file above said patent. I also request you to sanction the amount of Rs. 500 /- (Rupees five hundred Only) toward the application fees for the same.

Thanking You,

Yours faithfully,

G. 8 13/10/2012

Date: 13/10/17

Place: Tiruchengode

Submitted Submitted Propagal Propagal

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

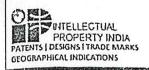
K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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Senthil Kumar, M.E, Ph.D., (IITM), PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,





Controller General of Patents, Designs and Trademarks Department of Industrial Policy and Promotion Ministry of Commerce and Industry

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application:18/10/2017

(21) Application No.201741036984 A

(43) Publication Date: 27/10/2017

(71)Name of Applicant:

(54) Title of the invention: SMART COMPACT STRUCTURAL INSTRUMENT

(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  (87) International Publication No (88) International Publication Number Filing Date (89) Divisional to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) Priority Document No SINA SIDR. NANITHAMANI SIPPLMURUGAN.C (4) Dr. T. RAMACHANDRAN SIDR. NANIMURALI (6) Dr. S.GUNASEKHARAN TOMARIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMUTHU.K SIDR. NANIMANIAN TOMARIMUTHU.K SIDR. NANIMANIAN TOMARIMUTHU.K SIDR. NANIMUTHU.K SIDR	(51) International classification	·G05G9/047	1)Allinnov Research and Development Private Limited Address of Applicant: D. NO. 29B, Bairappa Colony, Kri hnagiri 635001 Tamil Nadu India Tamil Nadu India
	(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	:NA :NA :NA :NA :NA :NA :NA :NA :NA	1)Dr. SYED JAHANGIR BADASHAH 2)DR.M.R.VANITHAMANI 3; YELMURUGAN.C 4)Dr. T. RAMACHANDRAN 5)Dr.L.MURALI 6)Dr. S.GUNASEKHARAN 7)MARIMUTHU.K 8)Dr. V. BALAJI 9)Dr. M. RAMASUBRAMANIAN 10)Dr. T.K.S. RATHISH BABU 11)Dr. G. MANIKANDAN 12)Dr. G.SINGARAVEL 13)UMASHANKAR. E

(57) Abstract:

The present invention relates to a smart compact structural instrument use for measuring, drawing and displaying the dimension of line, angle, circle and triangle. A smart compact structural instrument for drawing line, angle, circle and triangle, comprise of the ruler, circular protector and a compass in which circular protector is connected at the one end of ruler in the other end the handle and the switch is connected. Plurality of capacitance sensor is connected to the ruler and the circular protector. The main unit which is comprises of a controller, a calculator, a battery, a capacitance sensor, a display, numeric keypad and a sketch holder. To draw/measure line, angle, circle and triangle the main part with the sketch holder moves along the ruler, from the center point to the end of the ruler. The plurality capacitance sensors present in the circular protector and in the ruler sense the dragging and the drawing of the shape of line, angle, circle and triangle and send to the sensor present in the main unit. The main unit receives the data and shows the dimension in the display. The user can enter dimension of shape before drawing the shape and can calculate the appropriate dimension of the shape using the calculator available in the main unit of the smart compact structural instrument.

No. of Pages: 14 No. of Claims: 8

Dr.P.S. Periasamy

Professor & Head / ECE,

K.S.R. College of Engineering,

Tiruchengode-637 215.

To

The Principal,

K.S.R.College of Engineering,

Tiruchengode-637 215.

Respected Sir,

Sub: Requisition to grant the application fees to file a patent - Reg.

As I would like to file a patent in the title "Innovative Development of Security System for Thief trapping". I request you to grant the permission to file above said patent. I also request you to sanction the amount of RS.1750/. (Rupees One Thousand seven hundred and fifty only) toward the application fees for the same.

Thanking You,

Yours faithfully,

Braink

Date:11/05/20

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

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# K.S.R. COLLEGE OF ENGINEERING, K.S.R. Kalvinagar, TIRUCHENGODE-637215.

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Dr. P. Senthii Kumar, M.E., Ph.D., (IITM),

K. S. P. COLLEGE OF ENGINEERING,

PRINCIPAL,

TIRUCHENGOBE-632 215 NAMAKKAL DI, TAMIL NADIL K. S. R. KALVI-NAGAR





Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

	Application Details
APPLICATION NUMBER	201641038097
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/11/2016
APPLICANT NAME	Dr. P.S. Periasamy
TITLE OF INVENTION	INNOVATIVE DEVELOPMENT OF SECURITY SYSTEM FOR THIEF TRAPPING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	saravanan3010@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	X
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	11/05/2018

Application Status

APPLICATION STATUS

Application Published

P.Sivakumar

Assistant Professor / ECE,

K.S.R. College of Engineering,

Tiruchengode-637 215.

To

The Principal,

K.S.R.College of Engineering,

Tiruchengode-637 215.

Respected Sir,

Sub: Requisition to grant the application fees to file a patent - Reg.

As I would like to file a patent in the title "Modern & Cost effective Fish Scale removing System". I request you to grant the permission to file above said patent. I also request you to sanction the amount of RS.1450/. (Rupees One Thousand four hundred and fifty only) toward the application fees for the same.

Thanking You,

P. Smith fully,

Date:11/05/2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

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TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.





Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

	Application Details
APPLICATION NUMBER	201641038094
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/11/2016
APPLICANT NAME	P. Sivakumar
TITLE OF INVENTION	MODERN & COST EFFECTIVE FISH SCALE REMOVING SYSTEM
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	saravanan3010@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	11/05/2018

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Application Status

APPLICATION STATUS

Application Published

17-18-0

# From

- Mr. M.Bhuvaneshwaran, Assistant Professor/Mech,
- Mr. P.Jagadeesh,
   Assistant Professor/Mech,
   K.S.R. College of Engineering,
   Tiruchengode 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Mechanical Testing on Glass Fiber Reinforced with Jute Fibre Composites". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 11.07.2017

Place: Tiruchengode

Dr. P. Sentifii Kumar, M.E, Ph.D., (IITM),

Yours faithfully,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL Dt. TAMIL NADU.

# K.S.R. COLLEGE OF ENGINEERING,

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Dr. P. Senthii Kumar, M.E., Ph.D., (IITM),
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GOVERNMENT OF INDIA

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ILLAN TR-5 IKET NO.43877 Date/Time: 12/07/2017

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ISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TRUCHENGODE, TAMIL 30, INDIA - 637-215, byiogadecanae.com

CBR No.	Reference Number /Application Type	Application Number	Title/Remarks •	Amoun Pald
23554	ORDINARY APPLICATION	201741024638	MECHANICAL TESTING ON GLASS FIBRE REINFORCED WITH JUTE FIBRE COMPOSITES	1750
	E-101/15835/2017-CHE	201741024638	Correspondence	0
	E-2/2024/2017/CHE	201741024638	Form2	io Application
23554	E-NR/126/2017-CHE		POSTAL CHARGES	6 10
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Mr. P.Dhiravidamani,
 Associate Professor / Mech,
 K.S.R. College of Engineering,
 Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Friction Stir Welding of Austenitic Monel-TI Shape Memory Alloys". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 08.08.2017

Place: Tiruchengode

Yours faithfully,

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),

PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING,

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

# K.S.R. COLLEGE OF ENGINEERING,

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
PRINCIPAL,
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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
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DATENT OFFICE INTELLECTUAL PROPERTY BUILDING GST Road Guindy Cheonal 8000 D Telno, (091)(044) 77502081 841 as No. 044 27502066 Lead: Chenna pærnt@nicin Web Site: www.piodia.govin





Application Type :ORDINARY APPLICATION

To C.Sivakumar Mr.C.SIVAKUMAR ASSOCIATE PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TIRUCHENGODE, TAMIL NADU, INDIA 637215.

Refrences :- CBR NO: 26605 Dated: 14/08/2017 14:53:53

Received documents purporting be to an application for a patent numbered "201741028814" dated "14/08/2017 14:53:53" by "C.Sivakumar" of "Associate Professor, Department of Mechanical Engineering, KSR College of Engineering, Tiruchengode, Tamil Nadu, India-637 215. " relating to "FRICTION STIR WELDING OF AUSTENITIC MONEL - TI SHAPE MEMORY ALLOYS"together with the "Provisional Specification" and fee(s) of Rs. 1750( One Thousand Seven Hundred & Fifty only)

1. In case of a Patent Application accompanied by a Provisional Specification, a Complete Specification should be filed within 12 months from the date of filing of the Provisional

Specification, failing which the application will be deemed to be abandoned under Section 9(1) of the Patents Act, 1970. 2. You may withdraw the application at any time before the grant of patent, if you wish so. If, in addition to withdrawal, you also wish to prevent the publication of application in the Patent Office Journal, the application should be withdrawn within fifteen months from the date of priority or date of filing, whichever is earlier.

3. If not withdrawn, your application will be published in the Palent Office Journal after eighteen months from the date of priority or date of filling, whichever is earlier.

4 if you wish to get your Application examined, you should file a request for examination in Form-18 within 48 months from the date of priority or date of filing, whichever is earlier,

falling which the application will be treated as withdrawn by the applicant under Section 11(0)(4) of the Patents Act, 1970.

for Controller of Patents & Designs

recschennai < recschennai ipo@nic.in> To: siva9789673031@gmail.com

[Quoted text hidden]

Tue, Aug 29, 2017 at 10:49 AM

Mr. P.Saravanan, Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Performance Evaluation of AA6063-TIC Composite Piston on IC Engines". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 19.07.2017

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR. TIRUCHENGODE-637 215, NAMAKKAL Dt, TAMIL NADU.

# K.S.R. COLLEGE OF ENGINEERING,

K.S.R. Kalvi Nagar, TIRUCHENGODE -637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
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1 message,

RECS CHENNAI <recschennai.ipo@nic.in>
To: nanosaran007@gmail.com

Fri, Aug 4, 2017 at 10:11 AM

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CHALLAN: TR-5 **DOCKET NO:48903** 

Date/Time: 03/08/2017

To, MR. S. SARAVANAN

Agent Number:

RESEARCH SCHOLAR DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TIRUCHENGODE, TAMIL NADU, INDIA 637215. nanosaran007@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1		ORDINARY APPLICATION	201741027604	PERFORMANCE EVALUATION OF AA6063-TIC COMPOSITE PISTON ON IC ENGINES	1750
2		E-101/17749/2017-CHE	201741027604	Correspondence	0
3		E-2/2338/2017-CHE	201741027604	Form2	0
1	25663	E-NR/132/2017-CHE		POSTAL CHARGES	10
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Received a sum of Rs. 1760 (Rupees One Thousand Seven Hundred & Sixty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Lakshmi Vilas Bank	501517	19/07/2017	1760

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Mr. P.Rajendran, Assistant Professor/Mech. K.S.R. College of Engineering, Tiruchengode – 637 215.

То

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Mechanical Vibration Analysis of a Boring Bar in Boring Operation". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 04.10.2017

Place: Tiruchengode

hil Kumar, M.E, Ph.D., (IITM),

PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

K.S.R. Kalvi Nagar, TRUCHERGODE -637 215

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.



# GOVERNMENT OF INDIA

E.mail: Chennal-patent@nic.in Web Site: www.pindia.gov.in

Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

INTELLECTUAL PROPERTY BUILDING 6.5.T. Road, Guindy, Chennal-600032

PATENT OF FICE

DOCKET NO:63614 CHALLAN: TR-5

ASSISTANT PROFESSOR. DEPARTMENT OF MEHANICAL ENGINEERING KSR COLLEGE OF ENGINEERING, FRICHENCODE

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Mr.T.Prakash, Assistant Professor/Mech, Mr. C.M.Dinesh Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Experimental Studies on TIG Welding of 304 Austentic Stainless Steel Weldments". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 17.11.2017

Place: Tiruchengode

Yours faithfully,

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),

PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

K.S.R. Kalvi Nagar, TIRUCHENGODE -637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING,

K. S. R. KALVI NAGAR. TIRUCHENGODE-637 ?15,

NAMAKKAL DE, TAMIL NADU.

#### CBR

From: "RECS CHENNAI" - recschermat po@mc in:

To rajondran211969@yahoo.com

#### PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING

G.S.L. Rood Goodly Chennai 6000 U

Let No. (091)(044) 2 2502081 84 Fax (10. 044 72502066

[mal]: Chennai parent@nic,in

Web Site t www.pindia.gov.in



GOVERNMENT OF INDIA



Date/Time: 22/11/2017

Agent Number

CHALLAN: TR-5 DOCKET NO:72640

To.

MR. P. RAJENDRAN

ASSOCIATE PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TIRUCHENGODE, TAMIL NADU, INDIA - 637 215 rajendran211969@yahoo.com

Received a sum of Rs. 1760 (Rupees One Thousand Seven Hundred & Sixty only) through

Payment Mode Bank Name Cheque/Draft Number Cheque/Draft Date Amount in 18 Draft Lakshmi Vilas Bank 502317 16/11/2017 1750

Note: This is electronically generated receipt hence no signature required.

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From

Mr.T.Kandasamy, Assistant Professor / Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

То

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Flying Windmill". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 05.03.2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR,

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU. 1200 816)

## K.S.R. COLLEGE OF ENGINEERING,

K.S.R. Kalvi Nagar, TIRUCHENGODE -637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

#### FORM 2 THE PATENTS ACT, 1970 (39 of 1970)

The Patents Rules, 2003 PROVISIONAL/COMPLETE SPECIFICATION

(See section 10 and rule 13)

#### 1. TITLE OF THE INVENTION: FLYING WINDMILL

#### 2. APPLICANT(S)

(a) NAME:

Mr.T.Kandasamy

Mr.A.Naveen

Mr.G.Naveen

Mr.T.Naveenkumar

Mr.R.Naveen

(b) NATIONALITY: Indian

(c) ADDRESS: Department of Mechanical Engineering, KSR College of

Engineering, Tiruchengode, Tamil Nadu, India-637 215

#### 3. PREAMBLE TO THE DESCRIPTION

#### **PROVISIONAL**

#### COMPLETE

The following specification describes the invention.

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

#### 4. DESCRIPTION

(Description shall start from next stage.)

(Not applicable for provisional specification. Claims should start with the preamble-"I/We claim"on separate page)

#### 6. DATE AND SIGNATURE

(to be given at the end of last page of specification)

Name(s)

Assistant Professor

Department of Mechanical Engineering

Mr.T.Kandasamy Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Automatic Car Door Lock Opening System in Emergency Situtation". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 2.3.2018

Place: Tiruchengode

Yours faithfully,

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),

PRINCIPAL, K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

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K.S.R. Kalvi Nagar, TIRUCHENGODE - 637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
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K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 213,
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Fwd: CBR

1 message

Fri, Jul 6, 2018 at 2 21 PM

kandasamy t <sanjaykandasamy 7988@gmail.com> To: KATHIR T <kathir7989@gmail.com>, kandasamy t <sanjaykandasamy7988@gmail.com>

- Forwarded message -----From RECS CHENNAI < recschennai.ipo@nic.in> Date Wed. Mar 7, 2018 at 9:30 AM Subject: CBR To: sanjaykandasamy7988@gmail.com

PATENT OFFICE INTELLECTUAL PROPERTY BUILDING G.S.T. Road, Guindy, Chennai-6000 32 Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

E-mail: Chennai-patent@nic.in Web Site: www.ipindia.gov.in



PROPERTY INDIA

Date/Time: 06/03/2018

CHALLAN: TR-5 **DOCKET NO:15458** 

MR. T. KANDASAMY

Agent Number:

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TIRUCHENGODE, TAMIL NADU, INDIA - 637 215. sanjaykandasamy7988@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	6234	ORDINARY APPLICATION	201841008157	AUTOMATIC CAR DOOR LOCK OPENING SYSTEM IN EMERGENCY SITUTATION	1750
2	and the second of the second o	E-101/5247/2018-CHE		Correspondence	0
,	6234	ORDINARY APPLICATION	201841008158	FLYING WINDMILL	1750
		E-101/5248/2018-CHE		Correspondence	0
	6234	E-NR/59/2018-CHE		EXCESS FEE	20
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Received a sum of Rs. 3520 (Rupees Three Thousand Five Hundred & Twenty only) through

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Draft	Lakshmi Vilas Bank	503254	02/03/2018	1760
Draft	Lakshmi Vilas Bank	503255.	02/03/2018	1760

Mr.T.Santhoshkumar, Assistant Professor/Mech. K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Design and Fabrication of Single Wiper System for Automobiles". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 22.03.2018

Place: Tiruchengode

Dr. P. Senthii Kumar, M.E, Ph.D., (IITM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215,

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
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CHALLAN: TR-5 **DOCKET NO:22659**  Date/Time: 23/03/2018

ARUN PRASATH T, UG STUDENT

Agent Number:

12/32A. ALAGIYAGOUNDAN PALAYAM, THOPPAMPATTI(PO), DHARAPURAM(TK), TIRUPPUR(DT) - 638 657. anunprasathbanu@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
	8142	ORDINARY APPLICATION	201841010799	DESIGN AND FABRICATION OF SINGLE WIPER SYSTEM FOR AUTOMOBILES	1750
		E-101/6745/2018-CHE	201841010799	Correspondence	0
		E-2/894/2018-CHE	201841010799	Form2	0
	8142	E-NR/67/2018-CHE		POSTAL CHARGES	10
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Received a sum of Rs. 1760 (Rupees One Thousand Seven Hundred & Sixty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Union Bank of India	571385	22/03/2018	1760

Note: This is electronically generated receipt hence no signature required.

ARUN PRASATH T <arunprasathbanu@gmail.com> To: santhosh kumar thirupathi <santhoshkumarthirupathi@gmail.com> Thu, Mar 29, 2018 at 9:58 AM

[Quoted text hidden]





image001.jpg

Mr. P. Saravanan, Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Design and Analysis of Advanced Intelligent Reverse Braking System". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 5.04.2018

Place: Tiruchengode

P. P. Senthil Kumar, M.E. Ph.D., (IITM),

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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Dr. P. Senthii Kumar, M.E., Ph.D., (IITM),
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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
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Fwd: CBR

Saravanan P <sravana 103@gmail.coms To, mechtraja@gmail.com

From RECS CHENNAL

Date Weet 11 Apr. 2018, 10/23 AM
Subject CBR
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CHALLAN: TR-5 DOCKET NO:27535 Date/Fime: 10/04/2018

Vine 6pt 11 2019 at 157 PAM

Agent Number:

To, Mr. P. SARAVANAN

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, K.S.R. COLLEGE OF ENGINEERING, THIRUCHENGODE - 637 215. sravan3103@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	9814	ORDINARY APPLICATION	201841013669	DESIGN AND ANALYSIS OF ADVANCED INTELLIGENT REVERSE BRAKING SYSTEM	1750
2		E-101/8154/2018- CHE	201841013669	Correspondence	0
3		E-2/1128/2018-CHE	201841013669	Form2	0
4	9814	E-Misc/12/2018-CHE	201841013669	EXCESS FEE	10
	1		<u> </u>	Total :	1760

Received a sum of Rs. 1760 (Rupees One Thousand Seven Hundred & Sixty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Indian Bank	068153	05/04/2018	1760

Note: This is electronically generated receipt hence no signature required.

3 attachments

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Dr. T.Sureshkumar, Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal. K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent - Reg.,

As we would like to file a patent in the title of "Design of Auto Reverse Wheel Locking Device for Light Commercial Vehicle". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 13.04.2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM)

K. S. R. COLLEGE OF ENGINEERING,

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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## K.S.R. COLLEGE OF ENGINEERING,

K.S.R. Kalvi Nagar, TIRUCHENGODE - 637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR. TIRUCHENGODE-637 245

NAMAKKAL DE, TAMIL NADU.



PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING

G.S.T. Read, Guindy, Chennal 6000 32

Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

E-mail: Cresmal-patent@nic.in Web Site: www.ipindia.gov.in



GOVERNMENT OF INDIA



Date/Time: 16/04/2018

Agent Number:

CHALLAN: TR-5 DOCKET NO:28788

To.

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Sr	CBR	Reference Number	Application	Title/Remarks	Paid
No	No	/Application Type	Number	DESIGN OF AUTO REVERSE WHEEL LOCKING DEVICE FOR LIGHT	1750
10.	10320		004044044394	DESIGN OF AUTO REVERSE WHEEL LOCKING DETINATION	
		ADDITION	11	COMMERCIAL VEHICLE	0
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Draft Note: This is electronically generated receipt hence no signature required. 12-12 -

From

Mr.P.Vignesh, Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

То

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Metal Matrix By Using Aluminium Alloy with Reinforcement of Rice Husk Ash (Rha)". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 04.04.2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E. Ph.D., (IITMA

PRINCIPAL.
K. S. R. COLLEGE OF ENGINEERING.

K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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K.S.R. Kalvi Nagar, TRUCHENGODE - 637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., HITMI, PRINCIPAL.

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR.

TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

Tel No. (091)(044) 22502081-84 Fax No. 044 22502065 INTELLECTUAL PROPERTY BUILDING G.S.1. Road, Guindy, Chennai-600032 E-mail: Chenna-patent@nic.in Web Site: www.pindiagovin PATENT OFFICE

GOVERNMENT OF INDIA

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CHALLAN: TR-5 DOCKET NO:26314

MR, P. VIGNESH

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TRUCHENGODE, TAMIL NADU, INDIA 1637 215 19 presimpart of the second control of the second

TRIE Remarks	201841012979 METAL MATRIX BY USING ALUMINIUM ALLOY WITH REINFORCEMENT OF RICE HUSK ASH (RHA)	respondence	m2	POSTAL CHARGES
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Mr.P.Vignesh, Assistant Professor/Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

То

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Pneumatic Based Robotic Arm". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Yours faithfully,

Date: 04.04.2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

# PATENT OFFICE. INTELLECTUAL PROPERTY BUILDING. G.S.L. Road, Guindy, Chemiai 6000 22. Tel No., (991)(944) 22502051.84 Fax No. 99.

N. 21. 1954, String F. Stringsbook S.
Tel No. (091)(043) 22502051-8.4 Fax No. 044 22502056
E-mail: Chenna-pakert@nic.in
Web Site: www.pindia.jpv.io

CHALLAN: TR-5 DOCKET NO.28320



GOVERNMENT OF INDIA

SOUTH THE THE

MR. P. VIGNESH. ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, KSR COLLEGE OF ENGINEERING, TIRUCHENGODE, TAMIL NADU, INDIA - 637, 215, Professionalivering granners

9307   ORDINARY APPLICATION   201841012983   PNEUMATIC BASED ROBOTIC ARM   1756     E-1017670/2018-CHE   201841012983   Correspondence   0	Sr. No.   CBR No.	No Reference Number (Application Type	Application Number	TitleRemarks	7.000
E-101/7670/2018-CHE	9307	ORDINARY APPLICATION	201841012983	PNEUMATIC BASED ROBOTIC A	 10
E-2/1048/2018-CHE 201841012983		E-101/7679/2018-CHE	201841012983	Correspondence	0
E-72R-79/2018-CHE		E-2/1048/2018-CHE	201841012983	Forms	0
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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM).

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR. TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NAUL.

Dr.M.Prabu,
 Assistant Professor/Mech,
 K.S.R. College of Engineering,
 Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Insect Trapping Scarecrow". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 05.04.2018

Place: Tiruchengode

Yours faithfully,

Dr. P. Senthil Kuthar, M.E., Ph.D., (117M),

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215, NAMAKKAL DI, TAMIL NADU.

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Dr. P. Senthil Kumar, M.E., Ph.D., (HTM), PRINCIPAL.

K. S. R. COLLEGE OF ENGINE SRING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637, 215, NAMAKKAL DI, TAMIL NADU.



Fwd: CBR

PRADI(U ANNAMALAI <prabu1045@gmail.com>
To Magi Balan <magibalan42@gmail.com>

Wed. Apr 11, 2018 at 10 38 AM

Magi Balan cmagibalan42@gmail.com>

From RECS CHENNAL streachenant podenic in> Date Wed. Apr 11, 2018, 10-22 AM Subject CBR To: sprabu1045@gmail.coms

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CHALLAN: TR-5 **DOCKET NO:27531**  Date/Time: 10/04/2018

To, M. PRABU

Agent Number:

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, K.S.R. COLLEGE OF ENGINEERING, THIRUCHENGODE - 637 215. prabu1045@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	9811	ORDINARY APPLICATION	201841013667	INSECT TRAPPING SCARECROW	1750
2		E-101/8152/2018-CHE	201841013667	Correspondence	0
3		E-2/1127/2018-CHE	201841013667	Form2	0
	9811	E-NR/79/2018-CHE		POSTAL CHARGES	10
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Received a sum of Rs. 1760 (Rupees One Thousand Seven Hundred & Sixty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	State Bank of India	728717	05/04/2018	1760

Note: This is electronically generated receipt hence no signature required.

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From

Mr.S.Magibalan, Assistant Professor / Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent - Reg.,

As we would like to file a patent in the title of "Fabrication of Dual Axis Solar Tracking System". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

Thanking You,

Date: 20.03.2018

Place: Tiruchengode

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

Yours faithfully,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR, TIRUCHENGODE-637 215.

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K.S.R. Kalvi Nagar, TIRUCHENGODE - 637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
PRINCIPAL,
K.S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt., TAMIL NADU.



#### M Gmail

Magi Balan <magibalan42@gmail.com>

CBR

RECS CHENNAI < recschennal.ipo@nic.in</td>

To: magibalan42@gmail.com

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Rood, Guindy, Chennai-6000 3/
TelNo. 1991/(044) 22502081-84 Fax No. 044 22502066
E-mail: Chennai-patent@nic.in
Web Site: www.bindia.gov.in





Fri, Mar 23, 2018 at 10:00 AM

Date/Time: 22/03/2018

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Agent Number:

CHALLAN: TR-5 DOCKET NO:22215

To, S. MAGIBALAN

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215. magibalan42@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
	7974	ORDINARY APPLICATION	201841010593	FABRICATION OF DUAL AXIS SOLAR TRACKING SYSTEM	1750
		E-101/6568/2018-CHE	201841010593	Correspondence	0
		E-2/880/2018-CHE	201841010593	Form2	0
	7974	E-NR/65/2018-CHE		POSTAL CHARGES	10
		A company of the comp		Total:	1760

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aft	Lakshmi Vilas Bank	503190	20/03/2018	1760

Note: This is electronically generated receipt hence no signature required.

Mr.S.Magibalan, Assistant Professor / Mech, K.S.R. College of Engineering, Tiruchengode – 637 215.

To

The Principal, K.S.R. College of Engineering, Tiruchengode – 637 215.

Respected Sir,

Sub.: Requisition to grant the application fees to file a patent – Reg.,

As we would like to file a patent in the title of "Fabrication of Modern Solar Air Cooler". We request you to grant the permission to file above said patent. We also request you to sanction the amount of RS.1790/- (one thousand seven hundred ninety only) towards the application fees for the same.

12-18-11

Thanking You,

Date: 16.03.2018

Place: Tiruchengode

20

Yours faithfully,

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM), PRINCIPAL,

K. S. R. COLLEGE OF ENGINEERING, K. S. R. KALVI NAGAR.

TIRUCHENGODE-63" 715,

K.S.R. Kalvi Nagar, TIRUCHENGODE - 637 215.

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Dr. P. Senthil Kumar, M.E., Ph.D., (IITM),
PRINCIPAL,
K. S. R. COLLEGE OF ENGINEEPING,
K. S. R. KALVI NAGAR
TIRUCHENGODE-63"
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Magi Balan ≺magibalan42@gmail.com>

CBR

RECS CHENNAL croschenom ipo@nic Install magibulan42@granil com

Thu May 22, 2010 at 0.54 AM

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Guindy, Chennal-5000 37
Tei No. 8931(044) 22502081-841 an No. 044 22502066
Limail: Orennal-patent@nic.in
Web Site: www.lpindia.gov.in





CHALLAN : TR-5 DOCKET NO:21338

Date/Time : 21/03/2018

To, S. MAGIBALAN

Agent Number

ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215, magibalan42@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	7830	ORDINARY APPLICATION	201841010375	FABRICATION OF MODERN SOLAR AIR COOLER	1750
2		E-101/6427/2018-CHE	201841010375	Correspondence	O
3		E-2/869/2018-CHE	201841010375	Form2	0
4	7830	E-NR/64/2018-CHE		POSTAL CHARGES	10
				Total:	1760

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