



Since 1991

## SENGUNTHAR ARTS AND SCIENCE COLLEGE

(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)

An ISO 9001:2015 Certified Institution

Recognised under section 2(f) and 12(B) of the UGC Act 1956

Accredited by NAAC

TIRUCHENGODE – 637 205



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

**(2020-2021)**



Since 1991

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MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



## CERTIFICATE

This is to certify that

Sengunthar Arts & Science College , TIRUCHENGODE

has established Institution Innovation Council(IIC) as per the norms of Innovation Cell,  
Ministry of HRD, Govt. of India during IIC Calendar year 2018-19

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Certificate No : 1398

Shri. R. Subrahmanyam  
Secretary, MHRD

Dr. Abhay Jere  
CIO, MHRD, Innovation Cell

Issuing Date: 17-12-2018

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INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



## CERTIFICATE

Institution Innovation Council (IIC) established at

Sengunthar Arts & Science College, TIRUCHENGODE

had undertaken various activities prescribed by Innovation Cell, Ministry  
of HRD, Govt. of India to promote Innovation and Start-up in campus  
during the IIC calendar year 2018-19.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Certificate No : 1398

Shri. R. Subrahmanyam  
Secretary, MHRD

Dr. Abhay Jere  
CIO, MHRD, Innovation Cell

Issued On : 2019-11-06



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Ministry of  
Education  
Government of India



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INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)



## CERTIFICATE

Institution's Innovation Council (IIC) established at

Sengunthar Arts & Science College , TIRUCHENGODE

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

Dr. Abhay Jere  
Chief Innovation Officer  
MOE, Innovation Cell

Mr. Dipan Sahu  
Assistant Innovation Director  
MOE, Innovation Cell

Certificate No : 1398

Issued On : 2022-01-03

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Sengunthar Arts & Science College


MENTORSHIP SESSION FOR INNOVATORS (OR) STUDENT ENTREPRENEURS THROUGH  
EXPERTS AND (OR) INNOVATION AMBASSADORS/INNOVATION AGENT

OVERVIEW

Objective:	Build a valuable business that can substantially increase their personal wealth.	Benefit in terms of learning/Skill/Knowledge obtained:	Entrepreneurs have played a pivotal role in the growth of the Indian economy
Academic Year:	2020-21	Program driven by:	IIC Calendar Activity
Month:	March	Program /Activity Name:	Mentorship Session for Innovators (or) Student Entrepreneurs through experts and (or) Innovation Ambassadors/Innovation Agent
Program Type:	Workshop	Other:	null
Program Theme:	Entrepreneurship	Other:	NA



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<b>Date &amp; Duration (Days):</b>	01/04/2021-01/05/2021-1	<b>External Participants, If any:</b>	0
<b>Student Participants:</b>	33	<b>Faculty Participants:</b>	8
<b>Expenditure Amount, If any:</b>	10000	<b>Remark:</b>	Entrepreneurship activity

### STAR PERFORMER

<b>Faculty:</b>	NA	<b>Student:</b>	C PAVITHRA
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### ATTACHMENTS

<b>Video:</b>	null	<b>Photograph1:</b>	
<b>Photograph2:</b>		<b>Session plan, If any:</b>	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/6900-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/6900-IC201811817.pdf</a>

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INSTITUTION'S INNOVATION COUNCIL  
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(Ministry of HRD Initiati

Sengunthar Arts & Science College  
ORIENTATION SESSION FOR ALL STUDENTS & FACULTIES OF INSTITUTE BY  
INNOVATION AMBASSADOR(S).

OVERVIEW

Objective:	Creating importance among students and faculties on Emotional Intelligencea	Benefit in terms of learning/Skill/Knowledge obtained:	This programme brings innovative thinking among students and staffs communities through awareness on Emotional Intelligence.
Academic Year:	2020-21	Program driven by:	IIC Calendar Activity
Month:	March	Program /Activity Name:	Orientation session for all students & faculties of Institute by Innovation Ambassador(s)
Program Type:	Leadership Talk	Other:	null
Program Theme:	Design Thinking & Critical Thinking	Other:	NA

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<b>Date &amp; Duration (Days):</b>	08/09/2021-08/09/2021-0	<b>External Participants, If any:</b>	null
<b>Student Participants:</b>	130	<b>Faculty Participants:</b>	130
<b>Expenditure Amount, If any:</b>	null	<b>Remark:</b>	null

### STAR PERFORMER

<b>Faculty:</b>	NA	<b>Student:</b>	NA
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### ATTACHMENTS

<b>Video:</b>	null	<b>Photograph1:</b>	
<b>Photograph2:</b>		<b>Session plan, If any:</b>	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/9124-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/9124-IC201811817.pdf</a>

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**INSTITUTION'S INNOVATION COUNCIL  
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**Sengunthar Arts & Science College  
WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRS) AND IP MANAGEMENT FOR  
START UP**

**OVERVIEW**

<b>Objective:</b>	To impart greater awareness about the issue of IPRs,	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>	Patent search technique and Patent specification drafting.
<b>Academic Year:</b>	2020-21	<b>Program driven by:</b>	IIC Calendar Activity
<b>Month:</b>	March	<b>Program /Activity Name:</b>	Workshop on Intellectual Property Rights (IPRs) and IP management for start up
<b>Program Type:</b>	Workshop	<b>Other:</b>	(Ministry of HRD Initiative) null
<b>Program Theme:</b>	IPR	<b>Other:</b>	NA



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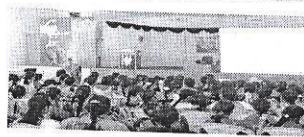

  
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**TIRUCHENGODE - 637 205.**

<b>Date &amp; Duration (Days):</b>	02/04/2021-02/05/2021-1	<b>External Participants, If any:</b>	0
<b>Student Participants:</b>	60	<b>Faculty Participants:</b>	10
<b>Expenditure Amount, If any:</b>	15000	<b>Remark:</b>	null

### STAR PERFORMER


<b>Faculty:</b>	NA	<b>Student:</b>	Mr.N.ASHOKKUMAR
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### ATTACHMENTS

<b>Video:</b>	null	<b>Photograph1:</b>	
<b>Photograph2:</b>		<b>Session plan, If any:</b>	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/4469-IC201811817.jpg">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/4469-IC201811817.jpg</a>

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**INSTITUTION'S INNOVATION COUNCIL  
MHRD'S INNOVATION CELL**

**Sengunthar Arts & Science College**

**SESSION/ PANEL DISCUSSION WITH INNOVATION AND STARTUP ECOSYSTEM ENABLERS  
FROM THE REGION/STATE/NATIONAL LEVEL**

**OVERVIEW**

<b>Objective:</b>	Awareness on Covid-19	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>	Useful to learn about Covid -19
<b>Academic Year:</b>	2020-21	<b>Program driven by:</b>	IIC Calendar Activity
<b>Month:</b>	June	<b>Program /Activity Name:</b>	Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level
<b>Program Type:</b>	Other	<b>Other:</b>	(Ministry of HRD Initiative) Panel Discussion
<b>Program Theme:</b>	R&D and Innovation	<b>Other:</b>	NA



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Date & Duration (Days):	07/16/2020-07/16/2020-0	External Participants, If any:	150
Student Participants:	195	Faculty Participants:	27
Expenditure Amount, If any:	5000	Remark:	null

### STAR PERFORMER

Faculty:	NA	Student:	Mr.N.ASHOKKUMAR
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### ATTACHMENTS

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Photograph2:		Session plan, If any:	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5493-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5493-IC201811817.pdf</a>

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# INSTITUTION'S INNOVATION COUNCIL MHRD'S INNOVATION CELL

## Sengunthar Arts & Science College WORLD ENTREPRENEURS DAY CELEBRATION

### OVERVIEW

<b>Objective:</b>	Create Motivation among students community, they are developed	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>	Build a skill among student community to developed as a Entrepreneur
<b>Academic Year:</b>	2020-21	<b>Program driven by:</b>	MIC driven Activity
<b>Month:</b>	August	<b>Program /Activity Name:</b>	World Entrepreneurs Day Celebration
<b>Program Type:</b>	Other	<b>Other:</b>	Essay Competition
<b>Program Theme:</b>	Entrepreneurship	<b>Other:</b>	NA
<b>Date &amp; Duration (Days):</b>	08/24/2021- 08/24/2021-0	<b>External Participants, If any:</b>	53



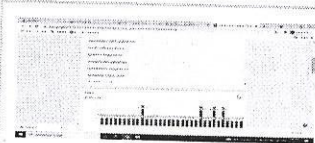
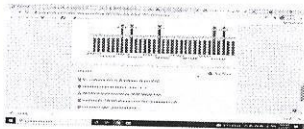
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TIRUCHENGODE - 637 205.

Student Participants:	136	Faculty Participants:	5
Expenditure Amount, If any:	null	Remark:	null

### STAR PERFORMER

Faculty:	NA	Student:	Mr.N.ASHOKKUMAR
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### ATTACHMENTS

Video:	null	Photograph1:	
Photograph2:		Session plan, If any:	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/2076-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/2076-IC201811817.pdf</a>

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Sengunthar Arts & Science College  
SESSION/ WORKSHOP ON BUSINESS MODEL CANVAS (BMC)

OVERVIEW

Objective:	Personal hygiene as a discipline should be adopted both at home and at the workplace.	Benefit in terms of learning/Skill/Knowledge obtained:	. Personal hygiene is a way of life, which is usually concerned about maintaining cleanliness, following daily good habits and practising a discipline
Academic Year:	2020-21	Program driven by:	IIC Calendar Activity
Month:	March	Program /Activity Name:	Session/ Workshop on Business Model Canvas (BMC)
Program Type:	Motivation Speech	Other:	null (Ministry of HRD Initiative)
Program Theme:	Entrepreneurship	Other:	NA
Date & Duration (Days):	12/11/2020- 12/11/2020-0	External Participants, If any:	null



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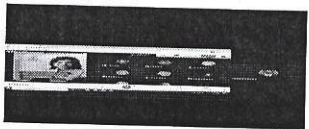


Student Participants:	81	Faculty Participants:	36
Expenditure Amount, If any:	1500	Remark:	null

### STAR PERFORMER

Faculty:	NA	Student:	G AKILA
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### ATTACHMENTS

Video:	null	Photograph1:	
Photograph2:		Session plan, If any:	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5616-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/5616-IC201811817.pdf</a>

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MHRD'S  
INNOVATION CELL  
(GOVERNMENT OF INDIA)

## INSTITUTION'S INNOVATION COUNCIL MHRD'S INNOVATION CELL



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(Ministry of HRD Initiati

### Sengunthar Arts & Science College SESSION ON WHY IP IS IMPORTANT IN ACADEMIA?

#### OVERVIEW

<b>Objective:</b>	Create awareness on important of IPR in Academia in Students and faculty groups	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>	Learning about IPR, Patent, Patent filling, Opportunities in the field of IPR
<b>Academic Year:</b>	2020-21	<b>Program driven by:</b>	MIC driven Activity
<b>Month:</b>	April	<b>Program /Activity Name:</b>	Session on Why IP is important in academia?
<b>Program Type:</b>	Motivation Speech	<b>Other:</b>	null (Ministry of HRD Initiative)
<b>Program Theme:</b>	IPR	<b>Other:</b>	NA
<b>Date &amp; Duration (Days):</b>	06/21/2020- 06/21/2021-365	<b>External Participants, If any:</b>	32



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*[Signature]*  
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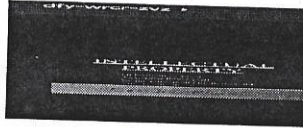

SENGUNTHAR ARTS AND SCIENCE COLLEGE  
TIRUCHENGODE - 637 295.

Student Participants:	107	Faculty Participants:	36
Expenditure Amount, If any:	null	Remark:	null

### STAR PERFORMER

Faculty:	NA	Student:	K KAVIYA
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### ATTACHMENTS

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COUNCIL  
(Ministry of HRD Initiati)

Sengunthar Arts & Science College  
TALK ON "FROM YOUR PH.D./ MASTERS THESIS TO A START-UP"

OVERVIEW

Objective:	Awareness on Ph.D. Work Selection and Innovation Startup among students communities	Benefit in terms of learning/Skill/Knowledge obtained:	Try to establish the statement for research group and a set of core goals
Academic Year:	2020-21	Program driven by:	MIC driven Activity
Month:	April	Program /Activity Name:	talk on "From your Ph.D./ Masters Thesis to a start-up (Ministry of HRD Initiative)
Program Type:	Motivation Speech	Other:	null
Program Theme:	R&D and Innovation	Other:	NA

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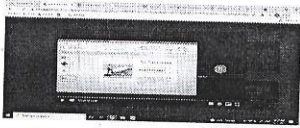


Date & Duration (Days):	06/20/2020-06/20/2020-0	External Participants, If any:	52
Student Participants:	127	Faculty Participants:	27
Expenditure Amount, If any:	null	Remark:	null

### STAR PERFORMER

Faculty:	NA	Student:	T KALIYAPPAN
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### ATTACHMENTS

Video:	null	Photograph1:	
Photograph2:		Session plan, If any:	<a href="https://api.mic.gov.in/uploads/institutes/monthlyReport/report/7685-IC201811817.pdf">https://api.mic.gov.in/uploads/institutes/monthlyReport/report/7685-IC201811817.pdf</a>

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**Research Cell Members**


29.12.2020

Dr. S. RAVIKUMAR Principal	-	Convener
Dr. R. VIJAYARANGAN Director-Research & Collaborations	-	Research Advisor
Dr. P. VANATHI Head, PG & Research Department of Biotechnology	-	Co-Convener
Dr. P. VENKATACHALAM Head, PG & Research Department of Microbiology	-	Member
Dr. S. POORNIMA Head, Department of Chemistry	-	Member
Mr. P. SENTHILKUMARAN Head, Department of Biochemistry	-	Member
Mr. A.S. ARUNACHALAM Head, Department of Business Administration	-	Member
Dr. N. VIDHYADEVI Asst. Prof., Department of Business Administration	-	Member
Mr. T.S. VADEVEL Placement Coordinator	-	Member

  
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Date: 21.10.2021

### Research Cell Meeting

#### Agenda:

Students Internship, startup company start, Academic research (Student & Faculty) & Funding.

S.No	Name	Designation	Department	Signature
1	Dr.R.Vijayarangan	Director	Research & collaboration	<i>[Signature]</i> 21/10/2021
2	Dr.S.P.Suriyaraj	CTO & Head-R & D	Ardor Biomed India pvt ltd, Pollachi, Coimbatore	<i>[Signature]</i>
3	Dr.P.Venkatachalam	HOD	Microbiology, SASC	<i>[Signature]</i> 21/10/2021
4	Dr.P.Vanathi	HOD	Biotechnology, SASC	<i>[Signature]</i> 21/10/2021
5	Mr.P.Senthilkumaran	HOD	Biochemistry, SASC	<i>[Signature]</i> 21/10/2021
6	Dr. G.Dhanasekaran	HOD	Botany, SASC	<i>[Signature]</i> 21/10/2021
7	Mr.N.Hariprabhu	Asst.professor	Chemistry, SASC	<i>[Signature]</i> 21/10/2021
8	Mr. A.Kumaresan	Asst.professor	Electronics & Physics, SASC	<i>[Signature]</i> 21/10/2021

*[Signature]* 21/10/2021  
Director-Research & Collaboration

*[Signature]* 21/10/2021  
Principal

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## Research Cell - Minutes of Meeting

29.12.2020

The meeting of Research Cell was held on 29.12.2020 (FN) at IQAC with the following members and major points were discussed as detailed:

Dr. S. RAVIKUMAR Principal	-	Chair Person
Dr. R. VIJAYARANGAN Director-Research & Collaborations	-	Research Advisor
Dr. P. VANATHI Head, PG & Research Department of Biotechnology	-	Member
Dr. P. VENKATACHALAM Head, PG & Research Department of Microbiology	-	Member
Dr. S. POORNIMA Head, Department of Chemistry	-	Member
Mr. P. SENTHILKUMARAN Head, Department of Biochemistry	-	Member
Mr. A.S. ARUNACHALAM Head, Department of Business Administration	-	Member
Dr. N. VIDHYADEVI Asst. Prof., Department of Business Administration	-	Member
Mr. T.S. VADEVEL Placement Coordinator	-	Member

Minutes of the Meeting:

Dr. S. RAVIKUMAR, Principal welcomed the members of the Research Cell. Discussion with Dr. R. VIJAYARANGAN, Research Advisor and Members of RC were as under:

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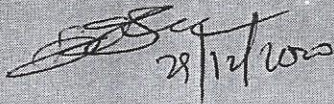
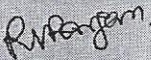
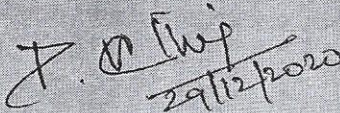
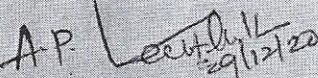
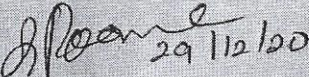
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- Research plan for every department has to be executed.
- Every department has to identify subject wise research thrust areas, staff research activity, research target groups, Centre of Excellence, external facility (MoU with Government & Non-Governmental organization), infrastructure requirements for research activity and research forum activity.
- Establishment of Incubation Centre – E-YUVA (BIRAC).
- Submission of upcoming two project proposal was discussed.
- Various funding schemes of BIRAC and ICSSR were suggested.
- International and National collaboration with our college was also recommended by research advisor.

Certain suggestions and modification were also given by Research Advisor on visiting laboratories and staff room such as Vision, Mission of Department in vinyl board, faculty members name list updating, laboratory equipment details in vinyl board, class room identification in vinyl board.

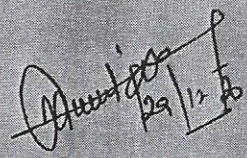
Member's	Signature
Dr. S. RAVIKUMAR Principal	 28/12/2020
Dr. R. VIJAYARANGAN Director-Research & Collaborations	 R. Vijayarangan
Dr. P. VANATHI Head, PG & Research Department of Biotechnology	 29/12/2020
Dr. P. VENKATACHALAM Head, PG & Research Department of Microbiology	 29/12/2020
Dr. S. POORNIMA Head, Department of Chemistry	 29/12/2020

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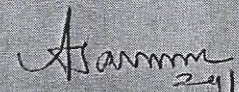




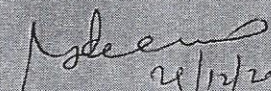
Mr. P. SENTHILKUMARAN  
Head, Department of Biochemistry

-   
29/12/20

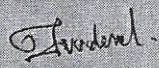
Mr. A.S. ARUNACHALAM  
Head, Department of Business Administration

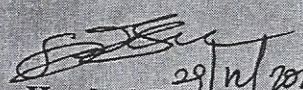
-   
24/12/20.

Dr. N. VIDHYADEVI  
Asst. Prof., Department of Business Administration


-   
29/12/2020

Mr. T.S. VADEVEL  
Placement Coordinator

-   
Standard.

  
29/12/2020  
Head of the Institution

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# ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

Department of MSME - Government of Tamil Nadu



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## INNOVATION ENTREPRENEURSHIP DEVELOPMENT PROGRAM

### SPOKE INSTITUTION REGISTRATION FORM

1. NAME OF THE INSTITUTION : SENGUNTHAR ARTS AND SCIENCE COLLEGE
2. STREAM OF INSTITUTION ☐ University ☒ Affiliated ☐ Autonomous
3. CATEGORY ☐ Government ☐ Government aided ☒ Self finance
4. AFFILIATED UNIVERSITY : PERIYAR UNIVERSITY SALEM.
5. NAME OF HUB INSTITUTION : ☐ 1.CED, Anna University, Chennai  
☐ 2.MIT campus, Anna University, Chennai  
☐ 3.UCE, Anna University, Villupuram  
☐ 4.University of Madras, Chennai  
☐ 5.Sona College of Technology, Salem  
☒ 6.Periyar University, Salem  
☐ 7.Anna University Regional Campus, Coimbatore  
☐ 8.Bharathiyar University, Coimbatore  
☐ 9.UCE, Anna University, Arni  
☐ 10.Sastra University, Thanjavur  
☐ 11.UCE, BIT Campus, Anna University, Trichy  
☐ 12.Bharathithasan University, Trichy  
☐ 13.Alagappa University, karaikudi  
☐ 14.Thyagaraja College of Engineering, Madurai  
☐ 15.Madurai Kamarajar University, Madurai  
☐ 16.Anna University Regional campus, Tirunelveli  
☐ 17.UCE, Anna University, Nagercoil
6. YEAR OF ESTABLISHMENT : 1991
7. LOCALITY TYPE : ☒ Rural ☐ Urban
8. STUDENT GENDER : ☐ MEN ☐ WOMEN ☒ BOTH
9. HIGHEST LEVEL OF PROGRAMME OFFERED : ☒ Phd ☐ PG ☐ UG ☐ Diploma /Others
10. WHETHER THE INSTITUTION HAS INCUBATOR FACILITY? : ☐ YES ☒ NO



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*[Signature]*

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If Yes, Please mention the  
Specialization

11. ADDRESS : SENGUNTHAR ARTS AND SCIENCE COLLEGE  
SALEM ROAD, TIRUCHENGODE NAMAKKAL DT  
PIN: 637205

12. INSTITUTION CONTACT NO. : 04288-283575

13. EMAIL OF INSTITUTION : info@senguarts.co.in

14. WEBSITE : www.senguarts.co.in

15. DO YOU HAVE AN ENTREPRENEURSHIP ADVISORY COMMITTEE/COUNCIL?

☒ YES ☐ NO

IF YES PLEASE GIVE DETAILS:

16. Total No. of members in the Advisory Committee:

S.No	Name of the Member	Role/Position	E-mail id	Contact no.
1.	Dr. S. RAVIKUMAR	PRINCIPAL	info@senguarts.co.in	9865951305
2.	Mr. B. PRABHU	ASST. PROF	hodbba@senguarts.co.in	9843812636
3.	Dr. V. R. PALANIVELU	HOD- MBA PU	Puedphub2021@gmail.com	9865461065
4.	Mr. S. NIVETHAN	AUDITOR	snivethanassociates@gmail.com	9965572069
5.	Mr. GANESH PANDIAN	TMBL, BRANCH MANAGER	tiruchengodu@tmbank.in	04288 252442
6.	Mr. N. SIVANESAN	PRESIDENT TVK	ramkigroups@gmail.com	9443166067
7.	Mr. S. MOHANRAJ	ENTREPRENEUR	rajbhuv267@gmail.com	8248282760

17. NO. OF FACULTY ENGAGED IN ENTREPRENEURSHIP DEVELOPMENT ACTIVITIES: 7

## 18. HEAD OF THE INSTITUTION

NAME OF HEAD OF THE INSTITUTION : Dr. S. RAVIKUMAR M.Sc., M.Phil., Ph.D.,

DESIGNATION : PRINCIPAL

MOBILE NO. : 98427 53229

EMAIL ID : info@senguarts.co.in



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# ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

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19.

## EDC - FACULTY COORDINATOR

NAME OF FACULTY : Mr. B. PRABHU  
 DESIGNATION : HOD & ASST. PROF  
 DEPARTMENT : BUSINESS ADMINISTRATION  
 MOBILE NO. : 9843812636  
 EMAIL ID : bprabhuinfo@gmail.com

20.

## EDC - DEPARTMENT COORDINATOR

S.no	Department	Name of the Coordinator	Designation	E-mail id	Contact no.
1.	ELECTRONICS	Dr. S. RAVIKUMAR	HOD	hodelectronics@senguarts.co.in	9865951305
2.	MICROBIOLOGY	Dr. A. P. VENKATACHALAM	HOD	hodmicrobiology@senguarts.co.in	9842574782
3.	Commerce CA	Dr. L. RAJENDRAN	HOD	hodcommerceca@senguarts.co.in	8248675290
4.	COMMERCE	Dr. M. REVATHY	HOD	hodcommerce@senguarts.co.in	9788037645
5.	BUSINESS ADMIN	Mr. A. S. ARUNACHALAM	ASST PROF	arunmalvel@gmail.com	9842054440
6.	BIO-CHEM	Mr. P. SENTHIL KUMARAN	HOD	hodbiochemistry@senguarts.co.in	9965019928
7.	COMP SCIENCE	Mr. G. SENTHIL KUMAR	ASST PROF	Sathyabca15@gmail.com	9952835308

## 21. SETTING UP OF E CELL:

- a) Location of E cell : TRAINING & PLACEMENT CELL b) Availability of Space: 2397 in sqft
- c) Facilities available: i) Internet Yes ii) Telephone Yes
- d) Budget allotted for the year (or proposed to be allotted): Rs 25000/-



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*[Signature]*  
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# ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

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## TERMS & CONDITIONS

1. The Institution shall form an Advisory committee for advising the matters related entrepreneurship, innovation, and startup promotion. The committee is responsible for nominating the EDC and Department coordinators for promotion of entrepreneurship & innovation-related initiatives.
2. The Institution shall assure to nominate & send EDC coordinators and other faculties to the programmes conducted by EDII under IEDP.
3. Institution shall assure to conduct the following activities:
  - a. To publish and disseminate various events through posters, websites, notice boards, and prominent places in the college premises.
  - b. Organize lectures, workshops, and seminars in different domains by the mentors and experts in the field to create awareness and sharpen the knowledge of the students towards entrepreneurship.
  - c. Mentorship support to students who have business ideas appreciable by the institution and also create a network with the hub by giving proper direction for converting the business ideas/projects into viable business model.
  - d. To build relationship with alumni for long-standing growth of E-cell.
  - e. Encourage all students interested in E&I activities, with an added focus on women and other underprivileged classes.
4. Faculties, staff & students shall be encouraged to do courses on Innovation, Entrepreneurship management and venture development.
5. Students shall be encouraged to develop entrepreneurial mindset through experiential learning by exposing them in cognitive skills training (e.g. design thinking, critical thinking, etc.), by inviting first-generation local entrepreneurs or experts to address young minds, by conducting idea and innovation competitions, hackathons, workshops, bootcamps, seminars, conferences, exhibitions, mentoring by academic and industry personnel, throwing real-life challenges, awards and recognition etc.



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# ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

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6. For strengthening the innovation funnel of the institute, access to financing may be opened for the potential entrepreneurs. Networking events may be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.
7. In the beginning of every academic session, institute should conduct an induction program about the importance of E&I so that freshly inducted students made aware about the entrepreneurial agenda of the institute and available support systems. Curriculum for the entrepreneurship education should be continuously updated based on entrepreneurship research outcomes. This should also include case studies on failures.
8. Stakeholder engagement should be given prime importance in the entrepreneurial agenda of the institute. Institutes should find potential partners, micro, small and medium-sized enterprises (MSMEs), social enterprises, schools, alumni, professional bodies and entrepreneurs to support entrepreneurship and co-design the programs.
9. Mechanisms should be devised by the institutions to ensure maximum exploitation of entrepreneurial opportunities with industrial and commercial collaborators.
10. Single Point of Contact (SPOC) mechanism should be created in the institute for the students, faculty, collaborators, partners and other stakeholders to ensure access to information regarding Innovation & Entrepreneurship.

☒ I acknowledge that I have read, and do hereby accept the above terms & conditions

*Asommm*

Signature of the EDC Coordinator

*[Signature]*

Signature of the Principal / DEAN

( with seal )

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*[Signature]*

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of Canada

Gouvernement  
du Canada

[canada.ca](http://canada.ca) → [Business](#) → [Intellectual property and copyright](#) → [Intellectual property databases](#)  
→ [Canadian Copyright Database](#)

# Canadian Copyright Database

▶ Third-Party Information Liability Disclaimer

The links on the text provide access to the help file.

**Title:**

Artificial Intelligence in Smart Farms

**Type:**

Copyright

**Registration Number:**

188724

**Status:**

Registered

**Registered:**

021-12-09

**Category of Work:**

Literary

**Interested Parties:**

**Owner:**

**Person Name**

Dr. J Chandra Sekhar

**Original Address:**

Professor & Head, Department of Computer Science & Engineering, NRI Institute of Technology, Visadala  
Road, Perecherla, Guntur, Andhra Pradesh Guntur

522438

India

**Current Address:**

Same as original address.

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TIRUCHENGODE - 637 205.



**Person Name**



Mr. SK. Yakooob

**Original Address:**

Associate Professor, Department of CSE, Sai Spurthi Institute of Technology B.Gangaram, Sathupally,  
Khammam Khammam  
507303  
India

**Current Address:**

Same as original address.

**Person Name**

Dr. Aarti

**Original Address:**

Guest Faculty, Department of Computer Science and Information Technology, University of Haryana, India  
Mahendergarh  
123031  
India

**Current Address:**

Same as original address.

**Person Name**

Dr. J. K. Kanimozhi

**Original Address:**

Assistant Professor / Computer Science PG & Research Dept. of Computer Science, Sengunthar Arts and  
Science College Tiruchengode  
637211  
India

**Current Address:**

Same as original address.

**Person Name**

Dr. Koli Gajanan Chandrashekhar

**Original Address:**

Assistant Professor, Mechanical Engineering Department., Sanjeevan Engineering & Technology Institute,  
Panhala Sanjeevan knowledge city , Panhala Dist. Kolhapur  
416201  
India

**Current Address:**

Same as original address.

**Person Name**



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TIRUCHENGODE - 637 205.



# FORM 9

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

## REQUEST FOR PUBLICATION

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

I/We **Dr. V. C. Shanker, Dr. R. V. Suresh, MD FAIYAZ AHMED N, Dr. Kirti Sharma, Pravin Dnyaneshwar Sawant, Dr. P. Nagarajan, Dr. S. Anbarasu, Dr. K. Parthiban, Dr. C. Kala, S. Sekar** hereby request for early publication of my/our [Patent Application No.] TEMP/E-1/61975/2021-CHE

Dated **25/11/2021 00:00:00** under section 11A(2) of the Act.

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

Signature

Name of the signatory

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

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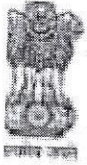


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SENGUNTHAR ARTS AND SCIENCE COLLEGE  
TIRUCHENGODE - 637 205.





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	202141043268
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/09/2021
APPLICANT NAME	1. Arumugam Ranjith 2. S.Sekar 3. Gowrishankar V 4. Dr.S.Kavitha 5. Dr. C. SUBATHRA 6. Dr. R.NAGESWARI 7. Dr. H. Vasudevan 8. Dr S G BALAJI 9. Mrs.T.Subha 10. Mr. D. YUVASHANKAR, 11. Dr.Y.Babu vinothkumar
TITLE OF INVENTION	Consumer Attitudes towards International and Local Brands in the Indian Manufacturing Sector
FIELD OF INVENTION	COMPUTER SCIENCE
MAIL (As Per Record)	ranjithcece@gmail.com
ADDITIONAL-EMAIL (As Per Record)	anvarshathik@gmail.com
MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/10/2021



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TIRUCHENGODE - 637 205.



## FORM 9

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

### REQUEST FOR PUBLICATION

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

I/We Arumugam Ranjith **S.Sekar** Gowrishankkar  
VDr.S.KavithaDr. C. SUBATHRADr. R.NAGESWARIDr.  
H. VasudevanDr S G BALAJIMrs.T.SubhaMr. D.  
YUVASHANKAR, hereby request for early publication of  
my/our [Patent Application No.] 202141043268DATED23 Sep  
2021 UNDER SECTION 11A(2) OF THE ACT.

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

Signature

(.....)

To,  
The Controller of Patents,  
The Patent Office  
AT CHENNAI

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TIRUCHENGODE - 637 205.





Government of India

GEOGRAPHICAL INDICATIONS

Application Details

APPLICATION NUMBER	202141041446
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/09/2021
APPLICANT NAME	1. Arumugam Ranjith 2. S Sekar 3. Vidhya Arumugam 4. Dr. T. ARUNMOZHI 5. DR.N.SUJATHA 6. Dr.R.Umarani 7. D.Prabha 8. Dr. MOORTHY. D 9. Dr.S Praveen Kumar 10. Dr AVR Akshaya 11. Dr.R.INDUMATHY
OBJECT OF INVENTION	Impact of increasing e-commerce in India during covid 19
FIELD OF INVENTION	COMPUTER SCIENCE
ATTORNEY (As Per Record)	aranjithce@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
ATTORNEY (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
APPLICATION DATE (U/S 11A)	01/10/2021



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## FORM 9

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

### REQUEST FOR PUBLICATION

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

I/We **Arumugam Ranjith S Sekar Vidhya Arumugam Dr. T. ARUNMOZHIDR.N.SUJATHADR.R.UmaraniD.PrabhaDr. MOORTHY. DDr.S Praveen KumarDr AVR Akshaya** hereby request for early publication of my/our [Patent Application No.] 202141041446 DATED 14 Sep 2021 UNDER SECTION 11A(2) OF THE ACT.


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

Signature  
(.....)

To,  
The Controller of Patents,  
The Patent Office  
AT CHENNAI

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TIRUCHENGODE - 637 205.