



STUDENT RESEARCH FOUNDATION (SRF)
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE

Date: 22.06.2023

Submitted to the Principal

Sub: Submission of SRF Activity report – reg.

The Student Research Foundation has conducted the following list of student-related activities. All the planned activities were aligned with MoE's Institute Innovation Council (IIC) and our institution's NISP policy. The objectives of the club, beneficiaries and details of the activities along with the future activity planner are enclosed herewith for your kind perusal.

SRF Coordinator
Dr.A.Thirunavukkarasu, AP/IBT

STUDENTS RESEARCH FOUNDATION (SRF)

Overall Coordinator : **Dr.A.Thirunavukkarasu M.Tech., PGDBS, Ph.D.**
Assistant Professor
Department of Industrial Biotechnology
Government College of Technology, Coimbatore

OBJECTIVES

- To promote the technology-based innovation activities of the students with the successful implementation of NISP-GCT
- To promote the innovative research activities of the students to address the industrial problem statements and to develop and transform viable research ideas into Proof of Concept / Prototype.

RESPONSIBILITIES

- To motivate the student's innovative ideas to develop into problem statements / hypothesis and screen the technologically sound research problems.
- To promote the team-building activities through the workshops/programs and nurture their leadership qualities.
- To conduct design contests / mini-hackathon / research presentations at intra-college level.
- To provide the technical training by the subject experts for the screened research problem statements to ensure the novelty and feasibility of the proposed work.
- To carry out the review meetings with the frequency of at least 2 months to ensure the progress in the defined research problems.
- To continuously monitor the research activities of the screened research problems to develop into Proof of Concept / Prototype.
- To form a rubric to assess the performance of SRF.
- To submit a report on the activities undergone through SRF in the prescribed format once in a semester to the IIC Coordinator.



SRF Activity report for the Academic Year 2021-22

Consolidated list of Activities

S.No	List of Activities	Type of Activity	Date & Time	Mode of conduct (online / offline)	Beneficiaries		Rubrics Points (25)
					Students	Faculty	
1	Research and Innovation: An hour of need	Webinar	21.08.2021	Online	45	4	24
2	Ingraining research focus in information technology minds	Webinar	21.08.2021	Online	70	4	24
3	Need for research mind set	Webinar	21.08.2021	Online	98	4	24
4	Novelty on research projects	Webinar	24.08.2021	Online	132	4	24

5	Research avenues and product development opportunities in ECE	Webinar	24.08.2021	Online	100	4	24
6	Pathway to entrepreneurship for engineering graduates	Webinar	25.08.2021	Online	51	4	24
7	Impact of research in innovation	Webinar	26.08.2021	Online	88	4	24
8	An entrepreneurial research perspective in engineering	Webinar	28.08.2021	Online	66	4	24
9	Adrovata	Logo Contest	14.10.2021 – 27.10.2022	Online	142	-	25
10	Researchopedia	Problem Definition Contest	29.10.2021-15.11.2022	Online	60	-	24
11	Delineate the Hitches	Problem Definition Contest	29.10.2021-09.11.2021	Online	45	-	24
12	Problemata	Problem Definition Contest	29.10.2021-09.11.2021	Online	54	-	24
13	Thinking Lighting	Problem Definition Contest	29.10.2021-22.11.2021	Online	42	-	24

14	Probe the prob	Problem Definition Contest	29.10.2021-21.11.2021	Online	57	-	24
15	Problemata	Problem Definition Contest	29.10.2021-09.11.2021	Online	48	-	24
16	Researchopedia for EEE	Problem Definition Contest	29.10.2021-09.11.2021	Online	45	-	24
17	Probe the Prob (Mechanical)	Problem Definition Contest	29.10.2021-15.11.2021	Online	57	-	24
18	Research Astound	Problem Definition Contest	29.10.2021-18.11.2021	Online	41	-	24



SRF Coordinator
Dr.A.Thirunavukkarasu, AP/IBT

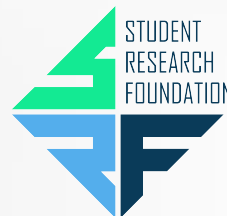
**STUDENTS RESEARCH FOUNDATION
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE**

RUBRICS ASSESSMENT FORMAT

ASSESSMENT / POINTS	Excellent	Above Average	Average	Below Average	Poor	Incomplete	Total Points (25)
	5	4	3	2	1	0	
Student's Participation	100%	99%<N>75%	74%<N>50%	49%<N>25%	24<N>10%	N<10%	
Student's level of Interaction	Proactively contributes to activity by asking at least 15 questions	Proactively contributes to activity by asking at least 10 questions	Proactively contributes to activity by offering ideas and asking at least 5 questions	Proactively contributes to activity by offering ideas and asking at least 1 question	Rarely contributes to activity by offering ideas and questions	No interaction	
	Quality of the student's responses / presentation (81-100)	Quality of the student's responses / presentation (71-80)	Quality of the student's responses / presentation (61-70)	Quality of the student's responses / presentation (51-60)	Quality of the student's responses / presentation (<50)	No submission (0)	
Knowledge & Content delivery / Student's Knowledge on the participated contest	Highly resourceful and perfectly matched with the title of the program	Highly resourceful and 50% match with the title of the program	Highly Resourceful and 25% match with the title of the program	Resourceful and 10% match with the title of the program	Resourceful and no match with the title of the program	Neither resourceful nor match with the title of the program	
	81-100%	71-80%	61-70%	51-60%	<50%	0%	
Alignment with stated Objective	100%	75%	50%	25%	10%	0%	
Program Alignment with NISP	Complies with all the Vision and Mission statement of NISP	Complies partially (75%) with the Vision and Mission statement of NISP	Complies partially (50%) with the Vision and Mission statement of NISP	Complies only with all the Mission and not the Vision of NISP	Complies partially (50%) with all the Mission and not the Vision of NISP	No compliance	
TOTAL POINTS							



SRF Coordinator
Dr.A.Thirunavukkarasu, AP/IBT



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
ENGINEERING

INSTITUTION'S INNOVATION COUNCIL
STUDENT RESEARCH FOUNDATION

PRESENTS

**THINKING
LIGHTING**

PROBLEM IDENTIFICATION CONTEST

*Identify the real world problems and submit
your problem statement and general outline.*

Link:
<https://forms.gle/gzhJvhDKiy7eEjRVA>

For queries, contact
Mrs. A. Suguna,
SRF Coordinator / EIE



Entries are accepted
until 22.11.2021



Government College of Technology, Coimbatore -13
(An Autonomous institution affiliated to Anna University)



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Involve
Innovate



STUDENT
RESEARCH
FOUNDATION

STUDENT RESEARCH FOUNDATION &
DEPARTMENT OF MECHANICAL
ENGINEERING PRESENTS



PROBE THE PROBLEM

PORTRAY THE PROBLEM THAT NEEDS TO BE SOLVED FOR BETTER FUTURE

scan
to
participate



enteries are accepted untill 15/11/21



<https://forms.gle/MYdjgwjSErmZStkv5>
(exclusively for mech)

FOR QUERIES CONTACT:
DR.AEZHISAI VALLAVI.M.S
SRF COORDINATOR FOR MECHANICAL DEPT



**GOVERNMENT COLLEGE OF TECHNOLOGY
THADAGAM ROAD, COIMBATORE**

**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**

INSTITUTION'S INNOVATION COUNCIL

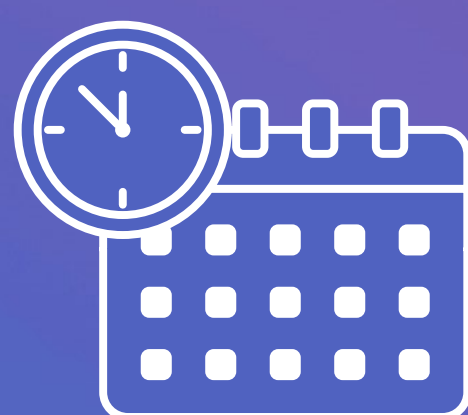
STUDENT RESEARCH FOUNDATION

presents

PROBLEMATA
Problem Identification contest

*Identify the real world problems and submit
your problem statement and general outline.*

Link: <https://forms.gle/UBdYP2sjgyTRahuf8>



29/10/2021 to 09/11/2021



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



Involve
Innovate



Student Research Foundation

in association with

Department of EEE

presents

RESEARCHOPEDIA

Have you got any Research Problems???

Toss it to US

Let the IIC do the rest

**Hurry up & Register to
A Journey towards the Success !!!**

Registration Link : <https://forms.gle/4KJBzvkcNSEqcU6q9>
(Only for B.E. EEE)

Any Queries, Contact
Dr.R.RAJESWARI
SRF Coordinator of EEE

Entries Closes by Nov. 09, 2021



Government College of Technology, Coimbatore -13
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**INSTITUTION'S
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STUDENT RESEARCH FOUNDATION &
DEPARTMENT OF MECHANICAL
ENGINEERING PRESENTS



PROBE THE PROBLEM **PORTRAY THE PROBLEM** **THAT NEEDS TO BE** **SOLVED FOR BETTER** **FUTURE**

scan
to
participate



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<https://forms.gle/MYdjgwjSErmZStkv5>
(exclusively for mech)

FOR QUERIES CONTACT:
DR.AEZHISAI VALLAVI.M.S
SRF COORDINATOR FOR MECHANICAL DEPT



GOVERNMENT COLLEGE OF TECHNOLOGY
Coimbatore – 641013
Department of Computer Science and Engineering

Student Awareness workshop
On

Path Way to Entrepreneurship for Engineering Graduates"

August 25 2021

From

03:30 P.M to 6:30 P.M

Resource Person

Mr. B. Karthigai Vasan, B.E.,DIS.,
General Manager / Dy. Director(Technical),
District Industries Centre,
Coimbatore

Organizing Committee

Patron

Dr. P. Thamarai,
Principal

Convener

Dr.V.Gopala Krishnan,
HOD/EEE

Coordinator

Dr.R.Rajeswari,
Professor/EEE



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE
DEPARTMENT OF INFORMATION TECHNOLOGY
INSTITUTION'S INNOVATION COUNCIL
STUDENT RESEARCH FOUNDATION

~~~~~ PRESENTS ~~~~~

**DELINEATE THE HITCHES:**  
DEPICT THE REAL WORLD  
HURDLES TO BE RESOLVED  
FOR BETTER FUTURE

*Identify real world problems and submit  
your problem statement and general outline.*

Link: <https://forms.gle/Mz8anhJQqnQgBoFw5>

Scan to participate



For queries, contact  
**Dr. M. Blessy Queen Mary**  
SRF Coordinator, IT Dept.

**Entries are accepted until 19/11/2021**





**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**INSTITUTION'S INNOVATION COUNCIL**  
**STUDENT RESEARCH FOUNDATION**

~~~~~ PRESENTS ~~~~~

DELINEATE THE HITCHES:
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Scan to participate



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



Involve
Innovate



Student Research Foundation

in association with

Department of Industrial Biotechnology

presents

RESEARCHOPEDIA

Have you got any Research Problems???

Toss it to US

Let the IIC do the rest

**Hurry up & Register to
A Journey towards the Success !!!**

Registration Link : <https://forms.gle/BNq6Fpg8EkeRhFem9>
(Only for B.Tech. Industrial Biotechnology Champs)

Any Queries, Contact
Dr.R.Nithya
SRF Coordinator of IBT

GOVERNMENT COLLEGE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

COIMBATORE-13



STUDENT RESEARCH FOUNDATION AND DEPARTMENT OF
PRODUCTION ENGINEERING PRESENTS

PROBE THE PROB

PORTRAY THE PROBLEM THAT NEEDS TO BE SOLVED
FOR BETTER FUTURE

ENTRIES ARE ACCEPTED UNTILL 21/11/2021

VISIT LINK

<https://forms.gle/jyvyoSR79HtCoxuS9>

SCAN TO PARTICIPATE



DR.A.SASIKUMAR M.Tech,Ph.D,MISTE
**SRF Coordinator For Production
Engineering**



GOVERNMENT COLLEGE OF TECHNOLOGY THADAGAM ROAD, COIMBATORE

**Department of
Electronics and Communication Engineering
+
Institution's Innovation Council
+
Student Research Foundation**

Presents

PROBLEMATA

Problem Identification Contest

Scan here



to upload



29 OCT- 9 NOV 2021

Identify the real world problems and
submit your problem statement and
general outline

Link: <https://forms.gle/EY1a8Br4WYbKhNBf8>

Government College of Technology, Coimbatore



STUDENT RESEARCH FOUNDATION

JOINING WITH

DEPARTMENT OF CIVIL ENGINEERING

PRESENTS

RESEARCH ASTOUND

Come up with any Research / Industrial Problem Statements

Let the IIC do the rest

**Register in a team / solo
to**

Registration link: <https://forms.gle/ADiKhFuwy64zB9c6>
(Only for Civilions)

For Queries, Contact
Mrs.K.REKHA
Assistant Professor / Civil
SRF Coordinator

Entries will be Closed by **Nov. 18, 2021**



Step - 2

Company Name /Brand Name

Tag Line / Logo / Brand Statement

Vision - what to be in 10 years









