



SHRIMATI INDIRA GANDHI COLLEGE, TIRUCHIRAPPALLI

[Affiliated to the Bharathidasan University]

(Nationally Accredited at 'A' Grade by NAAC (3RD Cycle))

Institution's Innovation Council REPORT

Institution's Innovation Council

of



SHRIMATI INDIRA GANDHI COLLEGE

Nationally Accredited at 'A' Grade (3rd Cycle) by NAAC

Tiruchirappalli - 620 002

Organizes a Self-driven
Innovation program on

Scope of Innovation in Nanoelectronics
and Possible Roles India Can Play



Prof. Mayank Shrivastava

Associate Professor,

Department of Electronic Systems Engineering

Indian Institute of Science,

Co-founder at AGNIT Semiconductors Pvt. Ltd.

Bangalore



11th October 2022



11.00 a.m. to 12.30 p.m.



R.V Auditorium

Shri Thotta **P.V.Ramanujam**
President

Dr. **K. Meena**
Secretary

Shri **K. Chandrasekharan M.S.**,
Chief Executive Officer

Smt **S. Aparna** M.B.A., M.Phil.,
Director



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SHRIMATI INDIRA GANDHI COLLEGE
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Tiruchirappalli -620 002

Institution's Innovation Council

Self- driven Innovation program
on
“Scope of Innovation in Nanoelectronics and Possible Roles India Can Play

Institution Innovation Council of Shrimati Indira Gandhi College organised a **Self- driven Innovation program on Scope of Innovation in Nanoelectronics and Possible Roles India Can Play** Inauguration function at R.V. Auditorium on 11.10.2022.

Prof. Mayank Shrivastava, Associate Professor, Department of Electronics Systems Engineering, Indian Institute of Science, Co- founder at AGNIT Semiconductors Pvt, Ltd Bangalore was the resource person. He stated that Nano-Electronics is a highly multidisciplinary area. As the demand for electronic products grows, there is a continuous need for development of cheaper, power efficient, high performance, and innovative products. He also highlighted that there is a crying need for innovation to realize electronics and displays that are flexible, integration of the sensor technologies and low voltage operations. He mentioned that the Nano electronics companies tend to innovate in terms of their products and technologies for the development of future growth. He elucidate about the Complementary-Metal-Oxide-Semiconductor, Graphene electronics and Brain Computing. He also cited that India can play a major role in fuelling Nano electronics growth if we focus on innovation involving the Nano electronics technologies and produce products and services that are affordable by more people at low levels of income without compromise on the quality.

Students from Computer Science, Physics and members of IIC'S actively participated with their utmost interest and highly benefited. The resource person answered to the queries of the students. The overall response to the program was very encouraging as the participants found it very informative. The program ended with the vote of thanks proposed by Dr. S. SanthaKumari, Head Department of Physics.





Institution's Innovation Council



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Organises a Entrepreneurship
related activity

My Story- Motivation by



Mrs. Harini Udhayaraja
(Alumna)

Start-up Founder - REBOOT-U
Sri Subhkas Shoppee
Dharmapuri ,Tamilnadu,



9th Nov 2022



10.30 a.m. to 12 noon



MBA Auditorium

Shri Thotta **P.V.Ramanujam**
President

Dr. **K. Meena**
Secretary

Shri **K. Chandrasekharan M.S.**,
Chief Executive Officer

Smt **S. Aparna** M.B.A., M.Phil.
Director



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INSTITUTION'S INNOVATION COUNCIL
Entrepreneurship Related Activity

Date: 09.11.22

Time: 10.30am to

12.00 noon

Institution innovation council of Shrimati Indira Gandhi College organised a “**Entrepreneurship Related Activity**” – My Story Motivation at M.B.A Auditorium on 9th November 2022, 10.30am to 12.00 noon. Dr.K.Meena, Secretary, Shrimati Indira Gandhi College, presided over the function. Shri.K.Chandrasekaran, M.S., Chief Executive Officer, Smt.S.Aparna M.B.A., M.Phil., Director and Dr.S.Vidhyalakshmi, Principal, Shrimati Indira Gandhi College were present G.Narmadha Ganesh student Department of Microbiology welcomed the gathering and introduced the chief guest.

Mrs. Harini Udhayaraja – Alumna, start-up Founder, Reboot-V, Sri Subhakas Shoppee, Dharmapuri, Tamilnadu. She started that the main objective of this program is to ensure sustainable, Eco-Friendly, Bio-degradable and safe alternative to synthetic sanitary Napkins.

This program provides plat-form for students and faculty member to convert such an innovation ideas into viable products.

The purpose behind this program is not only to promote Eco-friendly alternatives, but also inculcate entrepreneurship and employability skills among women students.

The program ended with the vote of thanks by K.Monika Shree student, Department of commerce, member of IIC's actively participated in this program and benefited.

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Department of Computer Science, IT & Computer Applications

“Design Thinking and Innovation”

Date : 02.03.2023

Time : 10.30 a.m. to 12.00 noon

Department of Computer Science, IT & Computer Applications and Institutions Innovation Council of Shrimati Indira Gandhi College, Tiruchirappalli in association with ICT Academy organized a Power Seminar on the topic **“Design Thinking and Innovation”** on 02.03.2023 from 10.30 a.m to 12.00 noon at Vidya Seva Ratnam K. Santhanam Auditorium for the students of Computer Science, IT & Computer Applications. Dr. K. Meena, Secretary, Shrimati Indira Gandhi College presided over the function. Shri K. Chandrasekharan, M.S., Chief Executive Officer and Smt. S.Aparna, MBA., M.Phil., Director, Dr.J.Rathika, Principal Incharge, Shrimati Indira Gandhi College were present.

Ms.N.Vijayalakshmi, Head, Department of Computer Science, IT & Computer Applications delivered the Welcome address.

Mr. J.Allan Joy, Relationship Manager, ICT Academy delivered Felicitation Address.

Shri. K.Chandraseharan, Chief Executive Officer, Shrimati Indira Gandhi College delivered special Address.

The resource person of this programme was P. Shanmugam, HR Operations Manager, Cognizant Technology Solutions Ltd, Chennai.

The session dealt with design thinking and the characteristics of a design mindset from outcome oriented process to a thinking oriented process that does

problem solving. The session involved the students in some design activities as well as teachers interacted with the speaker freely and enhanced their knowledge on design thinking.

Finally Ms.Viji Parthasarathy, Assistant professor in Department of Computer Science, IT & Computer Applications delivered the vote of thanks.

Students of Computer Science, IT & Computer Applications participated in this programme and got benefited.





Institution's Innovation Council
&
Department of Management Studies
of



SHRIMATI INDIRA GANDHI COLLEGE

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Tiruchirappalli - 620 002



Cordially invite you to a Workshop on
"IDEATION & BUSINESS PLAN
PREPARATION"



Dr. A. P. Aruna

Chief Executive Officer

Periyar Technology Business Incubator
Periyar Maniammai Institute of Science & Technology
Thanjavur, Tamilnādu, India



15th November 2022



10.00 a.m. to 1.00 p.m.



Vidya Seva Ratnam Shri K.Sanathanam Auditorium

Shri Thotta P.V.Ramanujam
President

Dr. K. Meena
Secretary

Shri K. Chandrasekharan M.S.
Chief Executive Officer

Smt S. Aparna M.B.A., M.Phil.
Director



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IDEATION AND BUSINESS PLAN PREPARATION

Date: 15.11.22

Time:10.30 a.m to 12.00 noon

"Very successful business professional I know is constantly learning, reading, growing in their field"

The Department of Management Studies of Shrimati Indira Gandhi College organised a workshop on "Ideation and business plan preparation" on 15 11 2022 Dr.K.Meena, Secretary, Shrimati Indira Gandhi College presided over the workshop Shri.K.Chandrasekharan, M.S., Chief Executive Officer, Smt. 5.Aparna, Director, Dr. S.Vidhyalakshmi, Principal and Dr.R.Sarswathy. Director of MBA: Shrimati Indira Gandhi College graced the workshop with their presence M.Harini MBA delivered the welcome address, Iswariya.K MBA, introduced the chief guest of the workshop was Dr AP Aruna, chief executive officer, Periyar Technology BusinessIncubator, Periyar Maniammai Institute of Technology, Thanjavur.

The resource person began her speech by giving a short self-introduction he discussed the various steps involved in the idea generation. She explained how an idea must be framed. She gave a brief about business plan preparation which includes executive summary, business strategy, marketing strategy, team &structure and financial budget & forecasting She also discussed the term called SCAMPER (Substitute, Combine, Adapt, Modify, Put to another use, Eliminate, Reverse). Furthermore she conducted an activity on the basis of Business Model Canvas including value proposition, customer segments, channel and customer relationship, key activities, key resources, key partners, revenue streams, cost structure. The session was quite interesting and also interactive. Students were asked to work on the Business model canvas and the elevator pitch, that will be evaluated and project will be chosen for incubation The workshop ended with a vote of thanks delivered by Somashankar of II MBA, 95 students from the Department of Management Studies benefited from this program.



Department of Computer Science, IT & Computer Applications
of



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Tiruchirappalli - 620 002

←— Cordially Invites you to the —→

INTERNATIONAL SEMINAR

**WILL ROBOTS BE YOUR
CO-WORKERS BY 2050?**

📅 12-01-2023 (Thursday) | ⌚ 10.30 a.m. to 12 noon

🏛️ Vidya Seva Ratnam **K. Santhanam** Auditorium



Mr. Kishhanth Renganathan

Chief of Technology, Macco Robotics
Spain

Shri Thotta **P.V. Ramanujam**
President

Dr. **K. Meena**
Secretary

Shri **K. Chandrasekharan** M.S.,
Chief Executive Officer

Smt. **S. Aparna** M.B.A., M.Phil.,
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Department of Computer Science, IT & Computer Applications

INTERNATIONAL SEMINAR

“WILL ROBOTS BE YOUR CO-WORKERS BY 2050?”

Date : 12.1.2023

Time : 10.30 a.m. to 12.00 noon

Department of Computer Science, IT & Computer Applications of Shrimati Indira Gandhi College organized an International Seminar on the topic **“WILL ROBOTS BE YOUR CO-WORKERS BY 2050?”** on 12.01.2023 from 10.30 a.m to 12.00 noon at Vidya Seva Ratnam K.Santhanam Auditorium for the students of Computer Science, IT & Computer Applications and various school students in and around Trichy. Dr.K.Meena,Secretary, Shrimati Indira Gandhi College presided over the function. Shri K. Chandrasekharan, M.S., Chief Executive Officer and Smt. S.Aparna, MBA., M.Phil., Director, Dr.J.Rathika, Principal Incharge, Shrimati Indira Gandhi College were present.

Ms.N.Vijayalakshmi, Head, Department of Computer Science, IT & Computer Applications delivered the Welcome address.

The resource person of this programme was Mr.Kishanth Renganathan, Chief of Technology, Macco Robotics, Spain.

The Resource person stated that Robotics Technology influences every one as part of work and home. Robotics has the potential to positively transform lives and work practices and provide enhanced

levels of service and robots can be accepted in certain replicative behaviors usually performed by people.

He also stated that Robots attempt to replicate, walking, lifting speech or any other human activity and he explained about the laws of Robotics to keep humans safe from them.

Finally he concluded the session with a live demo with Robotics. The session helped the students to gain knowledge about the trending technology in Robotics. Finally Ms.J.Rathna, Assistant professor in Department of Computer Science, IT & Computer Applications delivered the vote of thanks.

Students of Computer Science, IT & Computer Applications and various school students in and around Trichy participated in this seminar and got benefited





**PG AND RESEARCH DEPARTMENT OF SOCIAL WORK
SHRIMATI INDIRA GANDHI COLLEGE
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TRICHY**



**&
INSTITUTIONS INNOVATION COUNCIL**

RURAL CAMP to identify innovation in the villages

CAMP CO-ORDINATORS



**Dr. K. SHENBAHAM, MSW.,MPhil.,MBA.,Ph.D.,
Head, Department of Social Work,
Shrimati Indira Gandhi College,
Trichy.**



**Dr. E. DEEPA, MSW.,MBA.,PGDCA.,MPhil.,NET.,Ph.D.
Assistant Professor,
Department of Social Work,
Shrimati Indira Gandhi College,
Trichy.**



**Dr. N. HEMALATHA, MA.,MSW.,MBA.,MSc(Psychology).,M,Phil.,Ph.D,
Assistant Professor,
Department of Social Work,
Shrimati Indira Gandhi College,
Trichy.**



**MS. P. SELVI.,MSW.,MBA.,MPhil.,
Assistant Professor,
Department of Social Work,
Shrimati Indira Gandhi College,
Trichy**



**Dr. K. KAVITHAMAHESWARI, MSW.,MPhil.,SLET.,NET.,Ph.D,
Assistant Professor,
Department of Social Work,
Shrimati Indira Gandhi College,
Trichy**





SDG
Students
Program

IN PARTNERSHIP WITH

**Stella Maris Sustainable Development Students Hub,
Stella Maris College (Autonomous), Chennai**

- and -

**United Nations Sustainable Development Solutions Network Youth
United Nations Sustainable Development Goals Students Program**

IN ASSOCIATION WITH



INVITE YOU TO

TN SDG

GIRLS CHAMPIONSHIP 2022

AN AVENUE TO IDEATE & CREATE IMPACT

The Changemakers' Conference

College Level Competition

This competition is only for the Registered Teams
Please ensure all the guidelines in the document below are followed.

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The SIGC Institution Innovation Cell participated in the zonal level Innovation and Start-up competition held at Anna University, Trichy organised by startTN in association with BRANDLABS on 31/01/23. Around 80 participants actively participated in the same and the event was livestreamed on the social media channels.. During this awareness session, the students benefitted from the guidance and advice of the experts including valuable information about the financial benefits available for the Start-ups. It was a useful session for the participants.





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2023

IDEAthon COMPETITION

" THINK, CREATE, RE-IMAGINE "

**Have a Spark in your Mind?
Showcase it in the fields of ,
" 17 - THE SUSTAINABLE
DEVELOPMENT GOALS "**

- GOAL 1: No Poverty
- GOAL 2: Zero Hunger
- GOAL 3: Good Health and Well-being
- GOAL 4: Quality Education
- GOAL 5: Gender Equality
- GOAL 6: Clean Water and Sanitation
- GOAL 7: Affordable and Clean Energy
- GOAL 8: Decent work and Economic Growth
- GOAL 9: Industry, Innovation and Infrastructure
- GOAL 10: Reduced Inequality
- GOAL 11: Sustainable Cities and Communities
- GOAL 12: Responsible Consumption and Production
- GOAL 13: Climate action
- GOAL 14: Life below Water
- GOAL 15: Life on Land
- GOAL 16: Peace and Justice strong Institutions
- GOAL 17: Partnerships to achieve Goal

**NO
ENTRY
FEE**

**Last Date
For Registration:
08.02.2023**



09.02.2023



Shrimati Indira Gandhi College



For Registration Please Contact:

**1. Dr. S. Rethinavalli,
Asst Prof. Dept of Computer Science
Ph.No: 9940823631**

**2. Ms. K. Chitra Devi,
Asst Prof. Dept of Microbiology
Ph.No: 7708781107**

All UG and PG Students of any streams are eligible to participate

Shri Thotta P.V.Ramanujam
President

Dr. K. Meena
Secretary

Shri K. Chandrasekharan M.S.,
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A one day Innovative technical session named “IDEATHON 2023” was organised by IIC of SIGC, on 09.02.23. Saravanan from TABIF mentored the event. The council received around 65 Novel Ideas from the



students of different departments. Prizes for Ideathon were announced and three ideas were chosen out of 13 shortlisted.



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IIC of SIGC participated in zonal level startupTN held at Bishop Heber College Trichy organised by TN SDG. A total of 5 teams



participated from our college out of which 1 team was selected with a cash award of Rs 12500 for finals at state level. Selected team participated in finals TNSDG at Stella Maris college, Chennai.