

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







@shrimatiindiragandhicollege

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Institution's Innovation Council

Self- driven Innovation program on

"Scope of Innovation in Nanoelectronics and Possible Roles India Can Play

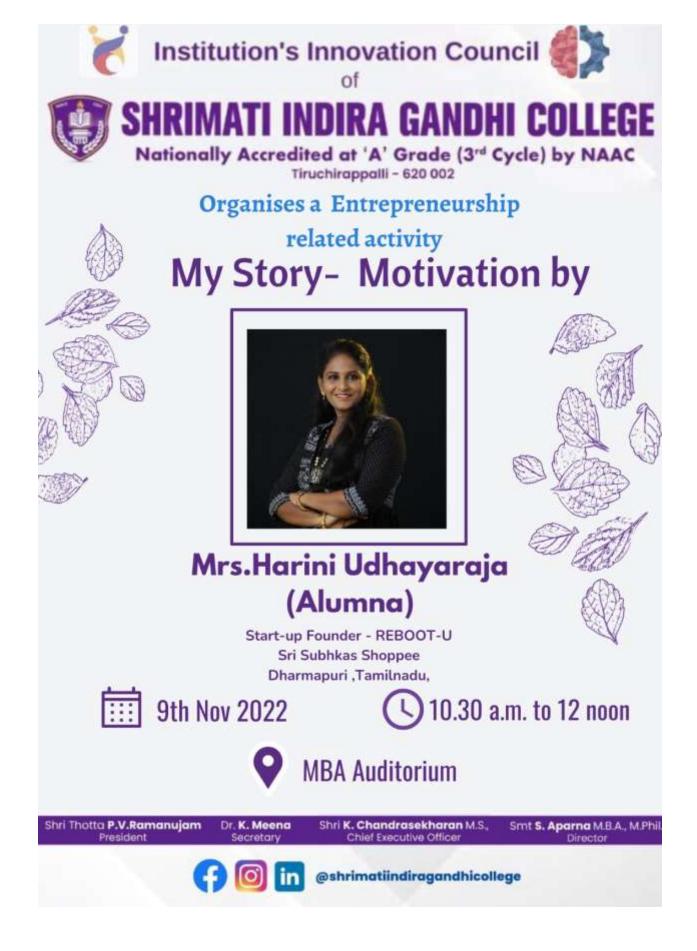
Institution Innovation Council of Shrimati Indira Gandhi College organised a **Self-driven Innovation program on Scope of Innovation in Nanoelectronics and Possible Roles India Can Play** Inauguration function at R.V. Auditorium on 11.10.2022.

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.







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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

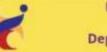
problem solving. The session involved the students in some design activities as well as teachers interacted with the speaker freely and enhanced their knowledge on design thinking.

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

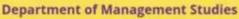
Students of Computer Science, IT & Computer Applications participated in this programme and got benefited.







Institution's Innovation Council







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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





Vidya Seva Ratnam Shri K.Santhanam Auditorium







shrimatiindiragandhicollege

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 Studios of Shrimati Indira Gandhi College organised a workshop on "Ideation and business plan preparation" on 15 11 2022 Dr.K.Meena, Secretary, Shrimati College presided over Gandhi the Shri.K.Chandrasekharan, M.S., Chief Executive Officer, Smt. Director, Dr. S. Vidhyalakshmi, Principal 5.Aparna, 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 Perivar Technology BusinessIncubator. Perivar Maniammai Institute of Technology, Thanjavur.

The resource person began her speech by giving a short selfintroduction 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, segments, channel and customer 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.









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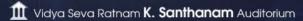
·· Cordially Invites you to the ···

INTERNATIONAL SEMINAR

WILL ROBOTS BE YOUR CO-WORKERS BY 2050?









Mr. Kishhanth Renganathan

Chief of Technology, Macco Robotics Spain

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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 12.017.2023 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 (Nationally Accredited at A Grade (3rd Cycle) by NAAC) 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











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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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







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., Chief Executive Officer Smt S. Aparna M.B.A., M.Phil., Director







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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.