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Punalkulam, Gandarvakottai (tk), Near Thanjavur, Pudukkottai - 613303

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Catalyzed and supported

Six days programme on

Science and Technology Capacity Building for Industrial Needs

Organized by

**Department of Training & Placement in
Association with ED Cell & IIC**

Kings College of Engineering

Punalkulam,

Pudukkottai - 613 303

www.kingsengg.edu.in

Tamil Nadu State Council for Science and Technology, Catalysed and Supported Six Day's Training program on 'Science and Technology Capacity Building for Industrial Needs' was successfully conducted by Department of Training and Placement in association with ED Cell and IIC at Kings College of Engineering from 14th to 19th March 2022.

The Training program was organized with the objective of promoting awareness and skills among the students on various topics pertaining to entrepreneurship, employability skills, financial aspects and competitive examinations.

Dr. J.Arputha Vijaya Selvi, Principal, KCE and Dr.S.Sivakumar, Vice- Principal/Head T&P supervised the proceedings of the program.

Program Coordinator : Mr.B.Sureshababu, Assistant Professor/T&P

Duration of workshop : Phase I: 14.03.2022 to 16.03.2022
Phase II: 17.03.2022 to 19.03.2022

Number of students Participated: **295** (Phase I: 147 and Phase II: 148)

Venue: Pallava Hall

PHASE I (14.03.2022 to 16.03.2022)

Day 1: Session I – 10:00 a.m. to 11:30 a.m.

Inauguration & Talk on Today's Industrial Needs: 10.00 A.M. to 11.30 A.M.

The Inaugural Function of Tamil Nadu State Council for Science and Technology catalyzed and supported Six days program on "Science and Technology Capacity Building for Industrial Needs" for Circuit branches was inducted. Dr.S. Sivakumar, Vice-principal, Kings College of Engineering, delivered the welcome address. He welcomed the resource person, **Mr. Girish Raj**, Regional Manager, HireMee, Bangalore and the Secretary, the Principal, HODs of various department, Internal and External participants and the program coordinators. He addressed the importance of the training session. Dr.J.Arputha Vijaya Selvi, Principal, Kings College of Engineering, delivered the Felicitation Address. In her address, she highlighted the benefits of being an entrepreneur and the enormous opportunities available for young entrepreneur. Dr. R. Rajendran, Secretary, Kings College of Engineering delivered Presidential Address. In his address, he briefly explained the opportunities that are available for Engineering Graduates and addressed the problem of lack of skills that leads to unemployment. He encouraged the students to upskill themselves with the available resources effectively to become a skilled person and to become successful in the field of engineering.

Mr. Girish Rai, Regional Manager, HireMee, Bangalore take-off the session after inauguration. He addressed the expectations of Industries. The most important points addressed by him were:

- Employability Skills
- Communication Skills
- Managing the global context

He strongly said that, getting hired by any organization is entirely based on the skills of a person.



Vice Principal welcoming the gathering



Secretary honoring the guest with shawl and memento



Principal giving felicitation address



Chief guest giving his inaugural address

Day 1: Session II – 11:50 a.m. to 12:50 p.m.

Innovation and Startups Eco-system:

Mr. Martin, EDII Hub, SASTRA University, Thanjavur, has handled the session on Innovation and Startups Eco-system and the entire session was carried out in an interactive way. The key point stressed by him were

- Creativity
- Innovation
- Entrepreneurship
- Start-ups
- Problems Analyzing and Identification of Solutions

He presented many successful Entrepreneurs and their innovative ideas, which helped the students', understand about Entrepreneurship.



Mr. Martin giving addressing the students



Resource person interacting with participant

Day 1: Session III – 01:30 p.m. to 02:45 p.m.

Financial Assistance for Startups:

Mr. Sushil Kumar, Tamil Nadu Industrial Investment Corporation, Trichy handled a session of **Financial Assistance for Startups**. He gave a brief note on various government schemes and subsidies that are most beneficial for startups. The various points discussed by him were:

- Schemes for Startups
- General Term Loan
- Equipment Finance
- Micro/Small Enterprises Funding Scheme
- Working Capital Term Loan



Resource Person honoring by vice Principal



Mr.Susil kumar Manager TIIC, addressing in his session

Day 1: Session IV – 03:00 p.m. to 04:15 p.m.

Career Prospects in Defense

Dr.B. Baran Kumar, Flying Officer, NCC, Trichy addressed the various opportunities that are available in Defense Sectors in India. The key points discussed were:

- Combined Defense Service (CDS) Exam
- Opportunities for Engineers in Defense Service
- National Cadet Corps (NCC)
- Service Selection Board (SSB)



Dr.B.Barankumar NCC Officer explaining career prospects in Defence sector

Day 2: Session I – 10:00 a.m. to 11:30 a.m.

Entrepreneurship Opportunities in Food Processing Service:

Dr.R. Meenatchi, NIFTEM, Thanjavur, addressed various entrepreneurship opportunities in food processing service. She explained various technologies that are used to preserve foods and various training

programs that are being conducted to become an Entrepreneur in Food processing sector. The highlights of the session were:

- Various segments of Food Processing
- Evolution of global food demand
- Training programs for Entrepreneurs



Dr.R.Meenachi, NIFTEM, addressing on career opportunities in food industries

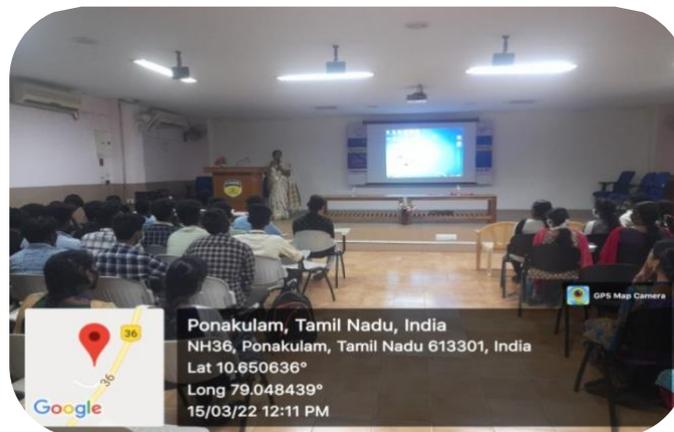


View of participants

Day 2: Session II – 11:50 a.m. to 12:50 p.m.

Sound Mind in a Sound Body

Mrs. Jayanthi, Meenatchi Hospital, Thanjavur handled a session **Sound Mind in a Sound Body**. She pointed out the importance of leading a healthy life-style by following a balanced healthy diet.



Chief dietitian addressing on ‘sound mind in a sound body’

The key points discussed were:

- Nutrition Rich foods
- Importance of Workout
- Balanced Diet
- Effects on consuming packed and junk foods and carbonated drinks.

Day 2: Session III – 01:30 p.m. to 02:45 p.m.

Employability skills on Networking

Mr.V.N. Ramalingam & Mr.Saravanakumar Entrust Technoservices, Trichy handled a session. During the session, he stressed the importance of positive thinking and efforts to be made by a person to

achieve heights. He mentioned the importance of developing skills and the importance of certifications. The session helped the students to explore wide opportunities available in Hardware & Networking field.



Mr.Saravanakumar Entrust Technologies speaking on Networking

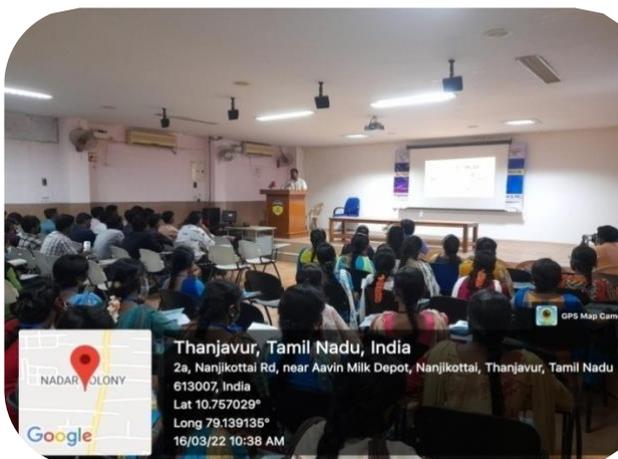
Day 3 –Session I- 10:00 a.m. to 12:50 p.m.

Awareness on competitive Examination

Mr. Aravinth, Sankar IAS Academy, Chennai handled an awareness session on **Competitive Exams**. He clearly explained about the Categories, Roles and how the Examinations are conducted in UPSC & TNPSC.

The key point stressed by him were

- How to apply for the UPSC & TNPSC examinations
- Exam Patterns
- Exam Syllabus
- Cut – off Marks for the exams
- Interview patterns.



Mr. Aravinth delivering awareness lecture on competitive examinations

Day 3 –Session II 01:30 p.m. to 02:45 p.m. ICT in Industries

Ms. Juli Krubhavathi, HR Manager EC Group Data soft Pvt. Ltd., Pondicherry, shared her views on ICT in industries, also she showed video visuals on various ICT tools being used in manufacturing industries, service sector and educational institutions.



Resource person from ICT academy delivering address

Day 3 –Session III 03:00 p.m. to 04:15 p.m.

Valedictory (Phase I)

Valedictory Function began with welcome address by Ms.Dharani, IV Year CSE, ED Cell member. Phase one event summary was presented by Mr. B. SureshBabu, AP/T&P - TNSCST Program coordinator, Dr. J. Arputha Vijaya Selvi, Principal, Kings College of Engineering, felicitated. Mr.Jay Anbu, Jay-R-Aqua Foods and Treasurer, TIDITSSIA, shared his business experience and traits which are essential to be a successful entrepreneur. Dr.R.Rajendran, Secretary distributed the participation certificate to the participants. Dr.S.Sivakumar Vice principal/ Head, Training and placement, Kings College of Engineering delivered vote of thanks. The program was successfully closed with the National Anthem.



Chief guest honored by our Secretary
Dr.R.Rajendran

(Phase I)



Chief guest Mr.P.Rajappa, President, TiDITSSIA,
delivering valedictory address (Phase I)



Certificate distribution by dignitaries (Phase I)



Dr.S.Sivakumar Vice principal/Head-T&P
delivering vote of thanks. (Phase I)

Phase II (17.03.2022 to 19.03.2022)

Day 1: Inauguration & Talk on Today's Industrial Needs: 10:00 a.m. to 11:30 a.m.

The Inaugural Function of Tamil Nadu State Council for Science and Technology catalyzed and supported Six days program on Science and Technology Capacity Building for Industrial Needs for Non- Circuit branch begins (Phase II) began on 17.03.2022. Dr. S. Sivakumar, Vice-principal, Kings College of Engineering, delivered Welcome Address. He welcomed the resource person, Mr. Balaji, Thirunavukarasu, Mechanical Engineer Young Scientist in Robotics, the Principal, the Secretary, HODs of various department, Internal and External participants and the program coordinators and also addressed the importance of the training session. Dr.J.Arputha Vijaya Selvi, Principal, Kings College of Engineering, delivered Felicitation Address. She has addressed the benefits of being an entrepreneur and the huge opportunities that are available for young entrepreneurs. Dr. R. Rajendran, Secretary, Kings College of Engineering, delivered Presidential Address.



Mr.Balaji Thiru Village Tech School, Sharing his views on Robotics

Mr. Balaji Thirunavukarasu, Village Tech School, Chennai, started the session after inauguration. He addressed on Evolution of robotics, Developments and Startups. The most important points addressed by him were

- Application & Developments
- Types of Robots (by Locomotion of Robots)
- Robotics Startups

He has strongly said that don't be a Technology user, be a Technology Innovator.

Competitive Exams: 11:45 p.m. to 12:50 p.m.

Mr. Aravinth, Sankar IAS Academy, Chennai delivered lecture. In his lecture, he pointed out the ways to get success in UPSC & TNPSC Competitive Examinations. Also he shared PPT and video visual on exam syllabus, patterns and success story of UPSC and TNPSC exams cleared candidates.



**Addressing by the recourse person from sankar IAS Academy
Innovation and Startups Eco-system: 01:30 p.m. to 03:00 p.m.**

Mr. Martin, EDII Hub, SASTRA University, Thanjavur, delivered a lively talk on Innovation and Startups Eco-system. He conducted an activity on Idea generation, participants actively participated and brought forward their business ideas innovatively. Resource person appreciated the participants for their active participation.



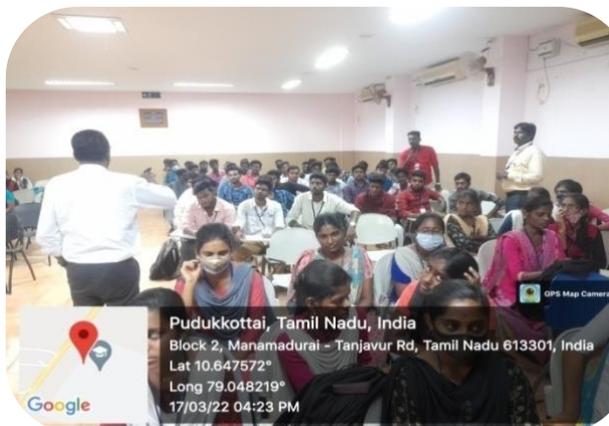
Resource person conducting games



Resource person interact with participants

Financial Assistance for Startups: 03:15 p.m. to 04:15 p.m.

Mr. Sushil Kumar, Regional manager Tamil Nadu Industrial Investment Corporation, Trichy delivered a talk on Financial Assistance for Startups. He pointed out a brief note on various government schemes and subsidies, also he showed testimonials of successful businessmen and entrepreneurs.



Participant Interacting with Resource Person



Resource Person during the lecture session

Day 2: Detection of Common Atelreants in Food 10:00 a.m. to 11:30 a.m.

Dr. S. Bhuvana Asst Professor NIFTEM, Thanjavur. Emphasized the effects of food adulteration and habits in our body. The highlights of the session were:

- Food Safety Acts
- Tips on common adulterants in food products.



Addressing by Dr.S.Bhuvana, NIFTEM, Thanjavur,

Day 2: ICT in Industries and Life Skills 11:45 a.m. to 12:50 p.m.

Mr. Poornaprakash, State Head, ICT Academy, Chennai explained the Use of ICT in Industries at various levels. The key points discussed were:

- Life skills for a happy and healthy lifestyles
- Qualities required in Industries.
- Placement opportunities for engineering fresher
- Role of ICT Academy



Resource person addressing on ICT in industries

Day 2: Taste of English: 01:30 p.m. to 03:15 p.m.

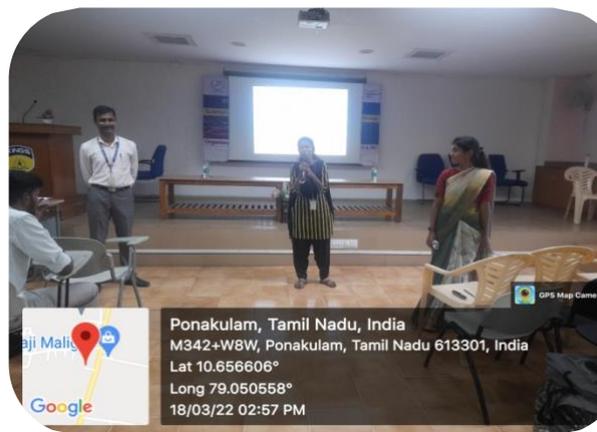
Ms. Mowli, Director of Taste of English, Thanjavur and our proud Alumni, pointed out on Taste of English. She carried out the entire session in an interactive way. The key points shared were:

- Have a Clear Goal
- Visualize our dreams

- Financial Independence
- Ways to develop communication skills



Our Proud alumni giving her talk on 'Taste of English'



Participants during activity session

In the end of the session also she conducted Self Introduction competition and the all external and internal participants were participated enthusiastically.

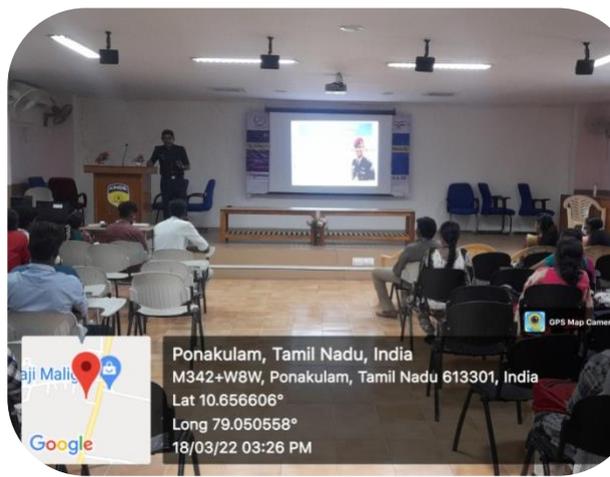
Career Prospects in Defense Sectors: 03:15 p.m. to 04:15 p.m.

Dr.B. Baran Kumar, ANO, NCC, Trichy addressed the various job opportunities and examination patterns available in Defense sector. The key points discussed were:

- Combined Defense Service (CDS) Exam
- Opportunities for Engineers in Defense Service
- National Cadet Corps (NCC)
- Service Selection Board (SSB)



Dr.B.Barankumar NCC Officer giving his effective talk on Career Prospects in Defense with video visuals



Day 3: Session I : Employability skills on Networking: 10:00 a.m. to 12:50 p.m.

Mr.V.N. Ramalingam, Entrust Techno services, Trichy has taken-off the session. He stressed the importance of positive thinking and efforts to be made by a person to achieve heights. He mentioned the importance of developing skills and the importance of Certifications. The session helped students to explore

the wide opportunities that are available in Hardware & Networking. **Mr.R.Saravanakumar, Chief Trainer, Entrust Techno services**, Trichy He Imparted training to the participants with real networking circuits and its usefulness in the industries. It was very informative and inspiration to the participant to learn more about the Hardware & Networking.



Resource person giving his energetic talk

Session II: Qualities for a successful Entrepreneur: 1:30 p.m. to 2:45 p.m.

Mr. P. Rajasekar. Kits n Comps Pvt. Ltd., Thanjavur explained the traits and qualities of entrepreneurs which are must to develop by the students to become successful entrepreneurs.



Mr.P.Rajasekar, Founder, Kits n comps delivering his address

Session III 03:00 p.m. to 04:15 p.m. Valedictory

Valedictory Function was started with welcome address delivered by Dr.K.Sudhakar AP/T&P, followed by the event summary presented by Mr. B. SureshBabu,AP/T&P-TNSCST Program coordinator, Dr.J.Arputh Vijaya Selvi, Principal, and Dr. S. Sivakumar Vice Principal/Head - T&P, Kings College of Engineering felicitated. Chief Guest Mr.P.Rajappa, President, TIDITSSIA, Trichy shared his experience and personalities which are necessary to be a triumphant entrepreneur. Dr.R.Rajendran, Secretary, honored the chief guest and distributed the participation certificate to the participants. Finally, the vote of thanks was delivered by Mr. B. SureshBabu, AP/T&P-TNSCST Program coordinator, Kings College of Engineering. The program was successfully closed with the National Anthem.



Chief guest honored by our Secretary
Dr.R.Rajendran (Phase II)



Our principal Dr.J.Arputha Vijaya Selvi ,delivering
felicitation address (Phase II)



Our Vice principal Dr.S.Sivakumar, delivering
felicitation address (Phase II)



Chief guest Mr.P.Rajappa, President, TIDITSSIA,
delivering valedictory address (Phase II)



Certificate distribution by dignitaries (Phase II)



Mr.B.Sureshbabu AP/T&P, Program coordinator,
delivering vote of thanks (Phase II)

Mr.B.SURESHBABU
AP/T&P & Program Coordinator - TNSCST

Dr.S.Sivakumar
VP/Head – T&P

Dr.J.Arputha Vijaya Selvi
Principal - KCE