



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF TAMILNADU



Newsletter

Volume No. 01, Issue No. 01, July - Sept 2024

About the Council

The Council established in the year 1984 as an Autonomous Apex Body. It promotes development of S&T sector in Tamil Nadu through 16 S&T state supported schemes and 5 DST supported schemes for the benefit of people of Tamil Nadu.



Thiru. M. K. Stalin
Honourable Chief Minister

Hearty Welcome

We are honoured to welcome the **Honourable Minister for Higher Education, Dr. Govi Chezhaan**. His presence today is a testament to his dedication to advancing education and fostering innovation in our state.



We are pleased to welcome **Dr. K. Gopal, I.A.S., Additional Chief Secretary, Department of Higher Education**. His visionary leadership and unwavering commitment to the advancement of the education sector are highly valued.



Message

I am heartening to present the first Newsletter for the financial year 2024-2025. The Council has undertaken extensive efforts to engage with various stakeholders through the promotion and application of Science and Technology.

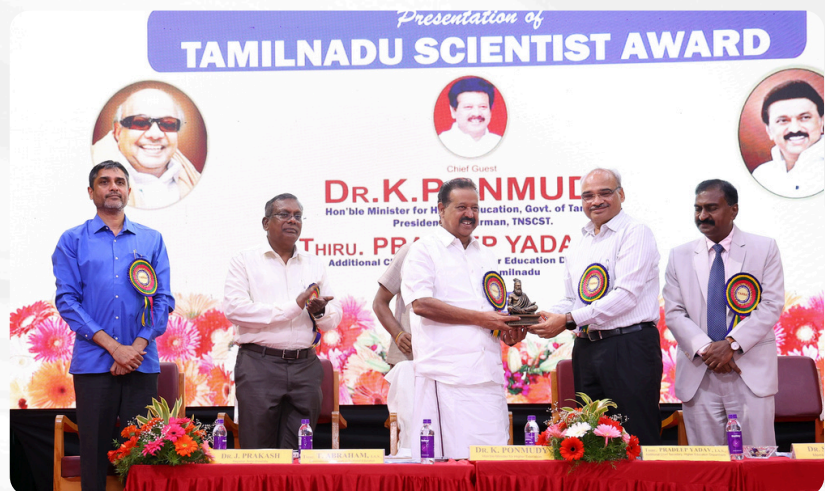


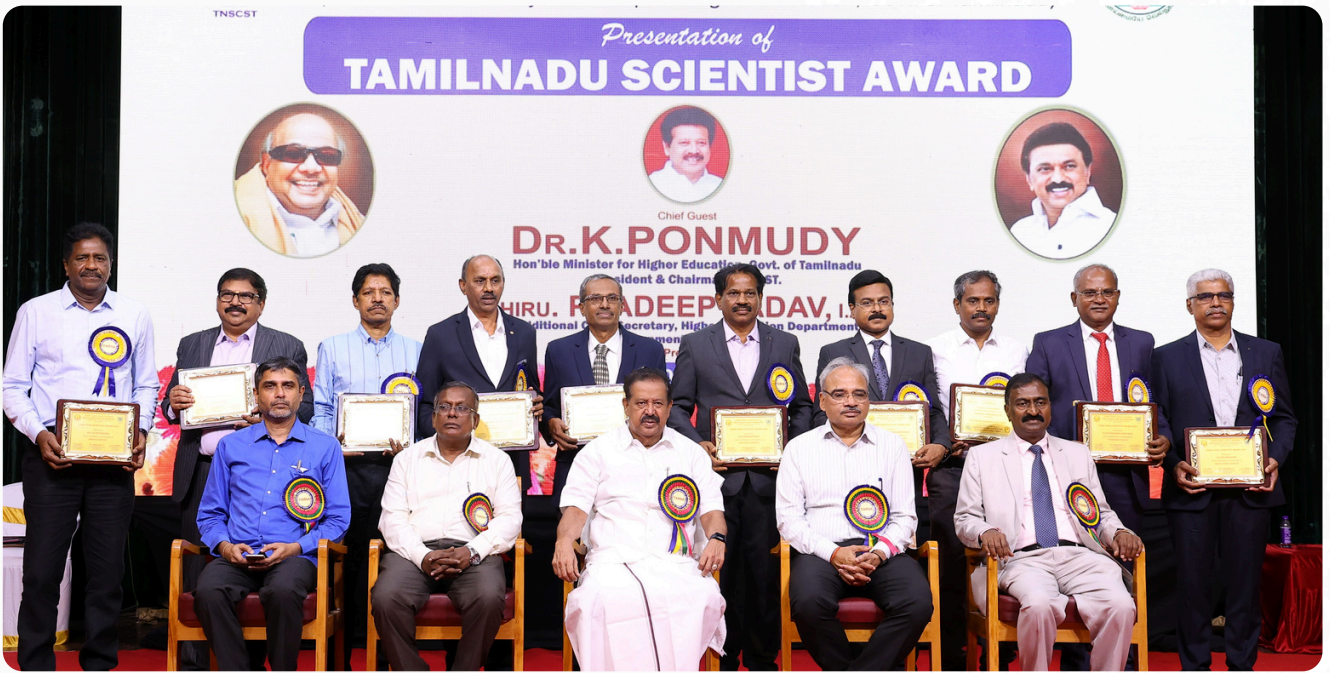
I am particularly pleased with the successful organization of the TANSAs Award function, which was held in a grand manner, recognizing and honouring the scientists of our state for their outstanding contributions and far-reaching impact.

I also want to extend my appreciation and congratulations to the dedicated members of the Council for putting together this newsletter. Their hard work has resulted in an informative and engaging bulletin.

TANSAs AWARD

The Tamil Nadu State Council for Science and Technology (TNSCST) recognizes the contribution of scientists and researchers in the state through various initiatives, and one of the prestigious honour is the **Tamil Nadu Scientist Award (TANSAs)**. This award is given to individuals who have made significant contributions in the fields of research, development, and extension activities across various disciplines of science and technology.





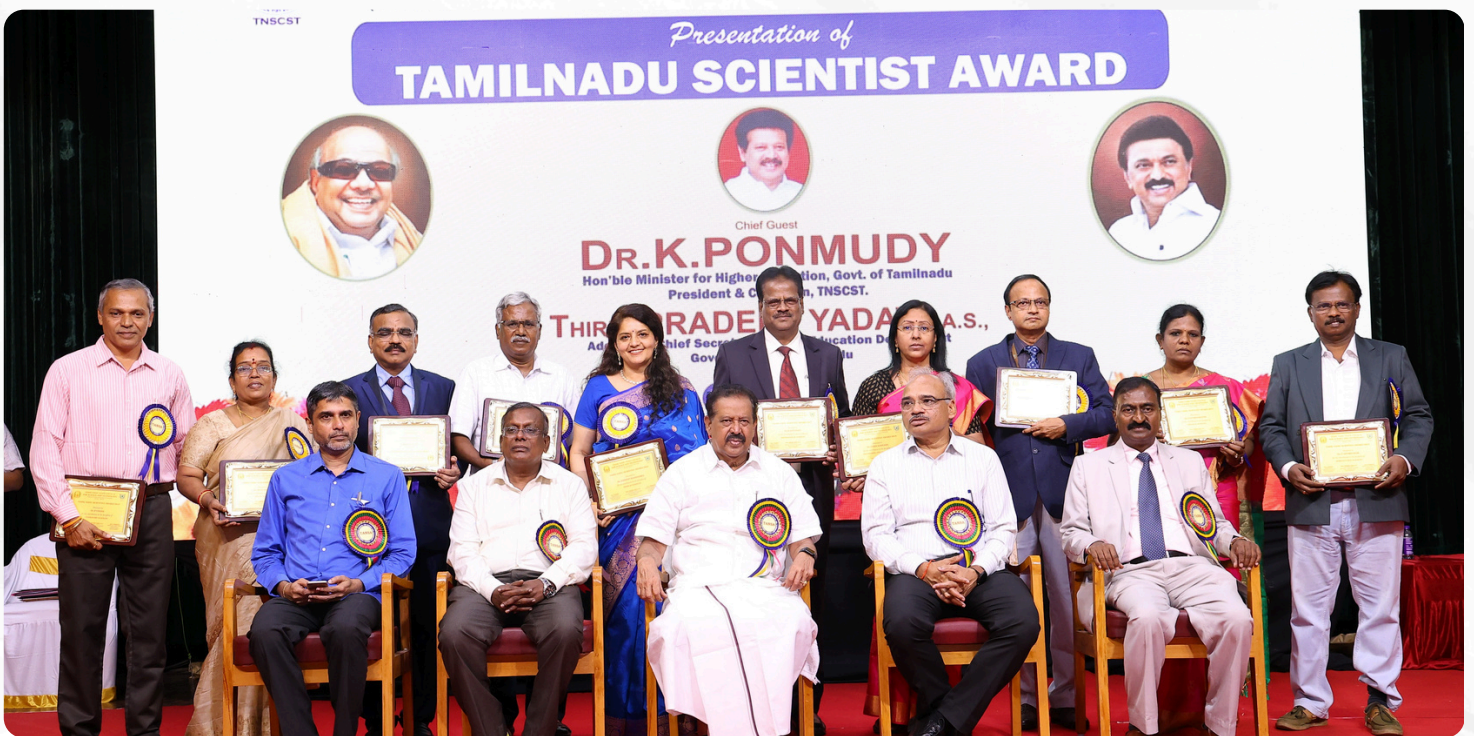
TANSU Awardees 2018

TANSU Awardees 2018

- Agricultural Sciences : **Dr.P.Jeyakumar**
- Biological Sciences: **Dr.J.Jeyakanthan**
- Chemical Sciences : **Dr.S.Muthusamy**
- Environmental Sciences: **Dr.R.Balagurunathan**
- Engineering & Technology: **Dr.C.Anandharamakrishnan**
- Mathematical Sciences: **Dr.S.Marshall Anthoni**
- Medical Sciences: **Dr.C.D.Anuradha**
- Physical Sciences: **Dr.S.Balakumar**
- Social Sciences: **Dr.N.Panchanatham**
- Veterinary Sciences: **Dr.P.Tensingh Gnanaraj**

TANSU Awardees 2019

- Agricultural Sciences: **Dr.U.Sivakumar**
- Biological Sciences: **Dr.B.Vaseeharan**
- Chemical Sciences: **Dr.J.Jayabharathi**
- Environmental Sciences: **Dr.Natarajan Chandrasekaran**
- Engineering & Technology: **Dr.Usha Natesan**
- Mathematical Sciences: **Dr.R.Ravanan**
- Medical Sciences: **Dr.Jaideep Mahendra**
- Medical Sciences: **Dr.A.K.Munirajan**
- Physical Sciences: **Dr.A.Stephen**
- Social Sciences: **Dr.M.Sumathy**
- Veterinary Sciences: **Dr.P.Vasan**



TANSU Awardees 2019



TANSU Awardees 2020

TANSU Awardees 2020

- Agricultural Sciences: **Dr.G.Karthikeyan**
- Biological Sciences: **Dr.K.Balamurugan**
- Chemical Sciences: **Dr.S.Velmathi**
- Environmental Sciences: **Dr.K.Kadirvelu**
- Engineering & Technology: **Dr.P.Thanikaivelan**
- Mathematical Sciences: **Dr.K.Senthamarai Kannan**
- Medical Sciences: **Dr.K.Purna Sai**
- Physical Sciences: **Dr.S.Moorthy Babu**
- Physical Sciences: **Dr.N.Pon Pandian**
- Social Sciences: **Dr.Narayanan Annalakshmi**
- Veterinary Sciences: **Dr.M.Selvaraju**

TANSU Awardees 2021

- Agricultural Sciences: **Dr.K.T.Parthiban**
- Biological Sciences: **Dr.R.Sathishkumar**
- Chemical Sciences: **Dr.K.Pandian**
- Environmental Sciences: **Dr.K.Palanivelu**
- Engineering & Technology: **Dr.G.Arthanareeswaran**
- Mathematical Sciences: **Dr.D.Arivudainambi**
- Medical Sciences: **Dr.B. Ashok Kumar**
- Physical Sciences: **Dr.G.Ravi**
- Social Sciences: **Dr.D.Puthira Prathap**
- Veterinary Sciences: **Dr.R.Rajendran**
- Veterinary Sciences: **Dr.A. Elango**



TANSU Awardees 2021



Science & Technology Capacity Building for Industrial Needs

This scheme aims to equip 4,500 final-year engineering and polytechnic students across 15 districts with industry-relevant skills. Through 15 bridge programs, it fosters institute-industry collaboration, enhances students' employability, and encourages self-employment, helping them meet the demands of modern industries.



Collaborative Institutions

- Central Polytechnic College
- R.V.S. Polytechnic College
- Government polytechnic college, Bargur
- Mohammed Sathak Polytechnic
- Maruthi Polytechnic College
- Sankar Institute of Polytechnic College
- Sri Venkateswara Polytechnic College
- Velalar College of Engineering and Technology
- University College of Engineering, Kanchipuram
- Rohini College of Engineering and Technology
- M. Kumarasamy College of Engineering
- Mount Zion College of Engineering and Technology
- M.A.M. School of Engineering
- Jai Shriram Engineering College
- Alagappa Chettiar Government College of Engineering & Technology



Young Student Scientist Programme (YSSP)

Organized YSSP at Edayathangudy G.S. Pillay Arts & Science College to expose talented young school students to S&T so that they take up S&T as their career in future.

Beneficiaries: 80 students from Govt. Schools of Nagapattinam & Mayiladuthurai





Patent Information Centre

- One day workshop on “**Effective Patent Writing**” at AMET University on 31.07.2024.
- “**Patent Processing and Intellectual Property Rights (IPR)**” at St.Mary’s College, Thoothukudi during 13.09.2024 & 14.09.2024.
- One day International Seminar on “**Advancing AI-driven Entrepreneurship: A holistic exploration of IPR**” at Sacred Heart College, Tirupattur on 24.09.2024.



IPR workshop on “**Procedural Steps Involved in Patent Filing and Challenges during Commercialization**” organized in collaboration with the IPR Cell of Government College of Technology, Coimbatore.

Beneficiaries: 65 members (students and faculty members)

An Awareness Programme on “**Intellectual Property Rights**” held on 30-09-2024 jointly organized by CIPAM, New Delhi and Loyola College, Chennai.



Establishment of SC / ST Cell

Organized 5 training Programmes.

- Hands-on training on “**Mushroom Cultivation and its value addition**” was held at Villupuram district.
Beneficiaries: 29 SC/ST population from Villupuram
- Hands-on training on “**Household electrical appliances servicing**” was held at Trichy district in two phases.
Beneficiaries: 55 SC/ST population from Trichy



- Hands-on training on “**Kallakurichi Wood Carving**” was held at Kallakurichi district.
Beneficiaries: 22 SC/ST population from Kallakurichi
- Hands-on training on “**Spirulina Cultivation and its value addition**” was held at Trichy district.
Beneficiaries: 25 SC/ST population from Trichy



Important Days

- **World Environmental Day** is organized in collaboration with Stella Maris College, Chennai on 19.07.2024.
Beneficiaries: 2000 Participants
- **National Space Day** is organized in collaboration with SRM Institute of Science and Technology, Kattankulathur on 21.08.2024.
Beneficiaries: 250 Participants
- **National Nutrition Week** was celebrated at Council premises on 02.09.2024.
Beneficiaries: 75 Participants



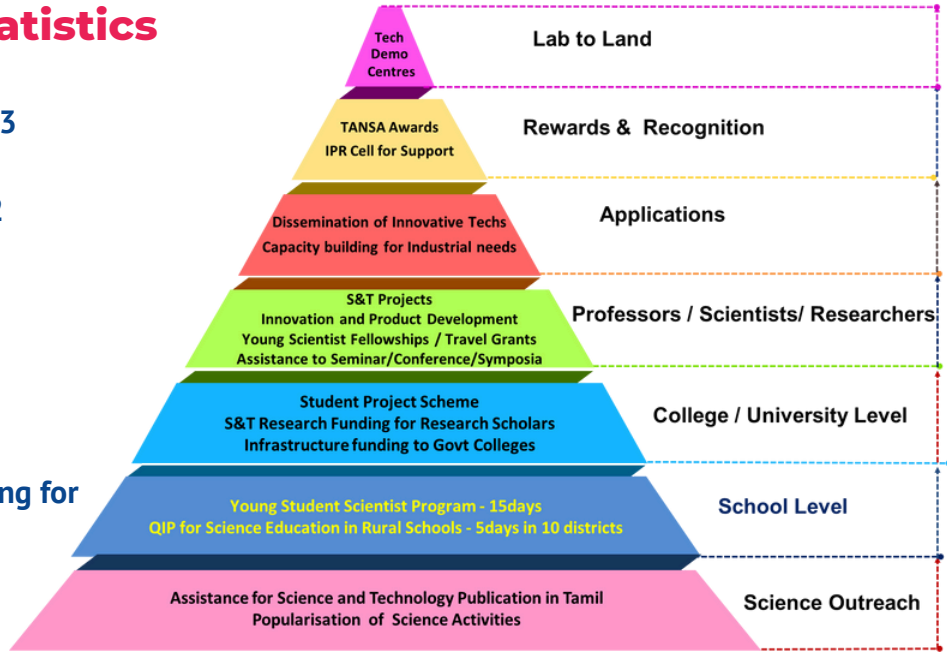
Key Statistics

Major outcomes

- Patents facilitated - 03
- Patents granted - 01
- Industrial design - 02
- Trade mark - 02
- Copy right - 01

Events Organized

- TANSA Award
- YSSP
- S & T Capacity Building for Industrial Needs
- SC/ST Cell Trainings
- IPR Workshop



Staff Achievements

- Dr. B. Senthilkumar has published two papers in reputed International Journal, *The Lancet*.
- Dr. V. Mohanraj has contributed Tamil article as chapter in அறிவியல் பூங்கா, அறிவியல் பலகை, அறிவுக் கண்.

Editorial Board Members

Editor-in-chief

Prof.Dr.S.VINCENT, D.Sc., Ph.D.,FRSB (Lon).,
Member Secretary

Editors

Dr.B.Senthilkumar, Scientific Officer
Mrs.S.Sangeetha, System Analyst

Reach Us

Tamil Nadu State Council for Science and Technology
Sardar Patel Road, DOTE Campus, Chennai - 600 025
Tamilnadu, India.

Phone Numbers : **+91 44 2230 1552**
+91 44 2230 1428

Email : **ms[dot]tanscst[at]nic[dot]in**