



SPECTRUM

ECHO OF DIET SALEM



DISTRICT INSTITUTE OF EDUCATION AND TRAINING
UTHAMACHOLAPURAM, SALEM-636 010

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SCIENCE AND TECHNOLOGY

Science and Technology are important parts of our day to day life. We get up in the morning from the ringing of our alarm clocks and go to bed at night after switching our lights off. All these luxuries are a resultant of science and technology. Most importantly, how we can do all this in a short time are because of the advancement of science and technology only. It is hard to imagine our life now without science and technology. Indeed our existence itself depends on it now. Every day new technologies are coming up which are making human life easier and more comfortable. Thus, we live in an era of science and technology.

Essentially, science and technology have introduced us to the establishment of modern civilization. This development contributes greatly to almost every aspect of our daily life. Hence, people get the chance to enjoy these results, which make our lives more relaxed and pleasurable.

Benefits of Science and Technology

If we think about it, there are numerous benefits of science and technology. They range from the little things to the big ones. For instance, the morning paper which we read that delivers us reliable information is a result of scientific progress. In addition, the electrical devices without which life is hard to imagine like a refrigerator, AC, micro-wave and more are a result of technological advancement.

Furthermore, if we look at the transport scenario, we notice how science and technology play a major role here as well. We can quickly reach the other part of the earth within hours, all thanks to advancing technology.

In addition, science and technology have enabled man to look further than our planet. The discovery of new planets and the establishment of satellites in space is because of the very same science and technology. Similarly, science and technology have also made an impact on the medical and agricultural fields. The various cures being discovered for diseases have saved millions of lives through science. Moreover, technology has enhanced the production of different crops benefitting the farmers largely.

India and Science and Technology

Ever since British rule, India has been in talks all over the world. After gaining independence, it is science and technology which helped India advance through times. Now, it has become an essential source of creative and foundational scientific developments all over the world. In other words, all the incredible scientific and technological advancements of our country have enhanced the Indian economy.

Subsequently, science and technology have assisted in advancing various fields including Mathematics, Astrophysics, Space technology, Nuclear energy and more. Some fine examples of these developments are the railway system, smart phones, the metro system, and many more.

Looking at the most recent achievement, India successfully launched Chandrayaan 2. This lunar exploration of India has earned critical acclaim from all over the world. Once again, this achievement was made possible due to science and technology.

In conclusion, we must admit that science and technology have led human civilization to achieve perfection in living. However, we must utilize everything in wise perspectives and to limited extents. Misuse of science and technology can produce harmful consequences. Therefore, we must monitor the use and be wise in our actions.

Spoken English Training:

Spoken English Training was conducted in Salem District for the Primary and Upper Primary teachers in all the blocks of Salem District by IFIC branch of Salem DIET. This training was coordinated and conducted by DIET faculty members and monitored by the Principal. First spell of this programme was conducted in the month of December 2019. Second spell was conducted on 8th, 9th, 10th and 13th of January 2020. All the DIET faculty

members were involved and coordinated it in their respective blocks. 5114 teachers were trained through this programme.



School Leadership Development - Module Translation workshop:

School leadership development module workshop was carried out in DIET, Salem and it was inaugurated by the Principal Dr M. Selvam in the presence of Dr A. Ramesh, Principal DIET, Kothagiri, and Mr Raja, Principal DIET, Coimbatore on 13.01.2020. The workshop was conducted between 20.01.2020 to 25.01.2020. All the Lecturers and Senior Lecturers of the DIET along with teachers, participated in the translation work.



Pongal celebration:

Pongal celebration was conducted in DIET, Salem by the DIET staff members. It was celebrated in a spectacular manner.



Republic Day Celebration:

71st Republic Day was celebrated in DIET, Salem on 26.01.2020 in a patriotic way. Principal Dr M. Selvam gave the presidential address in the presence of all the teaching and non-teaching staff members.



Inspire Award Exhibition:

Dr M. Selvam, Principal, and Dr P.Govinda Prakash participated in the inaugural ceremony of the 'Inspire Award Exhibition' conducted at AVS, Engineering College on 20.01.2020. District Collector Thiru C.A.Raman inaugurated the programme and visited the innovative exhibits by the students. Dr P. Govinda Prakash acted as the judge for the same.



Research Dissemination Meeting:

The findings of the researches in Salem district was disseminated to all the District level and Block level stakeholders on 22.01.2020 at RMSA Training Hall, GGHSS, Kotai. Principal DIET, Salem, CEO, Salem, 5 DEOs of Salem district, all the BEOs attended the meeting. It was coordinated by the IFIC branch.



Science Textbook Errata workshop:

Science Textbooks Errata workshop for class 6 to 8 was conducted between 29.1.2020 to 31.1.2020 at CSI TTI, Salem. This work was coordinated by the CMDE branch.



School Leadership Development Programme – Andaman:

Dr M.Selvam, Principal, DIET Salem attended as resource person for in-service training on school leadership development programme for the Principals of High and Higher Secondary Schools of Andaman and Nicobar Islands from 29th to 31st January 2020.



Dr M. Selvam, Principal

- Participated in district level meeting on aptitude test for 9th and 10th standard students which was held in CEO's office on 21st January 2020.
- Gave lecture on 'Research Tools' in FDP on 2nd January 2020.
- Participated in the meeting for Head Masters on aptitude test for 9th and 10th standard students at Cluny Metric Higher Secondary school Salem on 3rd January 2020.
- Monitored Spoken English Training organised by DIET Uthamacholapuram in various blocks of the district on 8th and 9th of January 2020.
- Attended review meeting for DIET Principals at SCERT Chennai on 10th January 2020.
- Convened staff meeting in DIET on 13th January 2020.
- Participated in the inaugural function of Inspire Awards Exhibition at AVS Engineering college on 23rd January 2020.
- Participated 'Ullas Trust - Young Achiever Award' function in Government Higher Secondary School, Kattukottai and visited Government TTI on 21st January 2020.
- Participated in Tamil Nadu Legislative Assembly's Public Accounts Committee Meeting at Collectorate, Salem on 22nd January 2020.

- Participated in IRAT 2.0's discussion meeting at SCERT on 24th January 2020.
- Celebrated 71st Republic Day function at DIET on 26 January 2020.
- Convened coordination meeting with Educational Officers in RMSA meeting hall, Salem on 27th January 2020.
- Attended as resource person for in-service training on school leadership development programme in Andaman and Nicobar Islands from 29th to 31st January 2020.

PRE SERVICE TEACHER EDUCATION BRANCH

Dr P. Govinda Prakash

- **Video documentation for School Leadership Academy:** Co-ordinated in Video documentation for School Leadership Academy which was done at PUES, Melakarraipatti.
- **PARIKSHA PARV - TOT Training module Translation:** The module on Stress management during the examination was translated from English to Tamil at CSI TTI between 29.01.2020 and 30.01.2020. This programme was coordinated by Dr P. Govinda Prakash.

S. SELVI

- Acted as resource person in NISHTHA training at PUES, Kondalampatti between 7.1.2020 to 13.1.2020 and handled topics like Art and Culture, methods of teaching subjects, health POSCO Act, School management, leadership. This training was given to teachers and Head Masters.
- Attended Post NAS intervention Training for class X & IX at Kanchi hotel, on 28.1.2020 & 29.1.2020.

V.Suganya

- Attended Re-valuation camp at DGE, Chennai between 6.1.2020 to 8.1.2020

R. Ravi

- Attended Post NAS intervention Training for class X & IX at Kanchi hotel, on 30.1.2020 & 31.1.2020.
- Attended Re-valuation camp at DGE, Chennai between 6.1.2020 to 7.1.2020.

M. Mahalakshmi

- Attended Post NAS intervention Training for class X & IX organised TNSCERT by at Kanchi hotel, on 30.1.2020 & 31.1.2020.

IN-SERVICE FIELD INTERACTION INNOVATION AND COORDINATION BRANCH

Dr P. Govinda Prakash (SL), K.Ramesh Kumar (L) and Dr E.Maanhvizhi (L)

- Dr E.Maanhvizhi participated in Certificate course in Educational Research and Management programme on RIE Mysore from 30th December 2019 to 3rd January 2020.
- **Research Tool Construction & Approval workshop** was conducted in SCERT on 23rd January 2020. Dr P. Govinda Prakash, (SL), S. Manikandan (L), Dr E. Maanhvizhi, (L) attended the workshop and got approval for their research tools from Dr Kumaran and Dr Prabu Shankar.
- **Planning meeting for block level Spoken English Training** was Organised by IFIC branch on 6th January 2020.

- **Research dissemination workshop** for District and Block level stakeholders was organised on 22nd January 2020.
- **School Leadership Development - Module Translation workshop** was coordinated by IFIC branch which was conducted in DIET, Salem.

DISTRICT RESOURCE UNIT

T.Prabakeran (SL) and Dr P.So.Kesavan (L)

- **Dr P.So.Kesavan** attended Competency Based Question Paper Development (CBQ) workshop at SCERT Chennai on 08.1.2020 & 09.1.2020.
- **Dr P.So.Kesavan** acted as an Officer on Special Duty (OSD) for NIOS-D.El.Ed. at Sri Sheshaa International Public School, Adivaram, K.N.Patty, Salem on 16.01.2020 to 18.01.2020



CURRICULUM MATERIAL DEVELOPMENT EVALUATION BRANCH

Dr R.Nagalakshmi (SL) and B. Ananthi (L)

- CMDE branch organised Faculty Development Programme entitled 'Research Tools' for the faculty members of DIET, Salem on 02.01.2020.

Dr.Nagalakshmi

- Attended Competency Based Question Paper Development (CBQ) workshop at SCERT Chennai on 08.1.2020 & 09.01.2020 and prepared Competency Based Questions for class 6-8 science on 10.01.2020.
- Attended workshop on online module for school leaders and most significant change on 13.01.2020.
- Conducted NAS-DRC-SDG meet for CEO, DEOs, BEOs at RMSA hall on 27.01.2020.
- Science Textbook Errata workshop for the class 6 to 8 was coordinated by Dr R.Nagalakshmi of CMDE branch between 29.1.2020 to 31.1.2020 at CSI TTI, Salem.

B.Ananthi

- Contributed to the term 1 primary spoken English module preparation work at SCERT Chennai on 20.01.2020, 23. 01. 2020 & 24.01.2020.
- Contributed in the learning outcome-based questions pruning Workshop at Samagra Shiksha SPO office, Chennai between 21.01.2020 & 22.01.2020

EDUCATIONAL TECHNOLOGY BRANCH

G.Dhanammal (SL), S.Manikandan (L) and R.Kavitha (L)

- Schools visited ADWES, Kothampadi on 24.1.2020, PUES, Chokkunathapuram on 30.01.2020, PUES, VOC, Nagar on 31.1.2020.
- ET branch coordinated 10 SVC classes in the month of January 2020.

- Organised Spoken English Training at block level in Nangavalli, Sankari and Atthur blocks.

PLANNING AND MANAGEMENT BRANCH

Dr K.Kannagi (SL), B. Udiyakumar (L) and R.Ravichandran (AD-Statistics)

- Dr K.Kannagi attended Post NAS intervention Training for class X & IX at Kanchi hotel, on 30.1.2020 & 31.1.2020.
- Coordinated spoken English training in Veerapandi Block.
- Organised action research intervention programme at GGHSS Moongapadi, Fort and Manakkadu.

WORK EXPERIENCE BRANCH

Dr S.V. Vijayalakmi Shankar (SL), C.Anbarasan (L) and K.Kalaivanan (L)

Dr S.V. Vijayalakmi Shankar

- Acted as coordinator for Spoken English Training for Primary and Upper Primary handling BT English Teachers at Jaya Jothi College of Education, Tharamangalam block of Salem District.
- Conducted meeting to School Head Masters of double teacher schools for improving Tamil Reading skill for 45 Heads of Schools in Tharamangalam Block.
- Organised Action Research Training to 25 science BT's at PUMS, Tharamangalam on Developing Numerical Problem Solving Skills in Physics.
- Participated in NUEPA School Leadership Development module translation workshop.



Chief Editor:

Dr M.SELVAM,

Principal, DIET, Uthamacholapuram, Salem - 636010

Associate Editors:

Dr P.Govindaprakash (SL), K.Ramesh Kumar (L) & Dr E.Maanhvizhi (L),
IFIC Branch, DIET-Uthamacholapuram, Salem - 636010

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IFIC Branch, DIET-Uthamacholapuram, Salem - 636010

Phone: 0427-2273751 e-mail : dietslm@gmail.com & ificslm@gmail.com

Visit : www.dietsalem.in