



SRM
UNIVERSITY
(Under section 3 of UGC Act 1956)

SPECTRUM

The Newspaper of SRM University

For private circulation only

Volume 10 Number 4



Young minds at the DST-INSPIRE Camp in SRM University's Kattankulathur Campus

TAANDAV 2016

STAFF REPORTER

The event TAANDAV is an inter dento-medical cultural fest conducted every year by SRM Dental College Kattankulathur. This year, the 5th TAANDAV, organised by the 2011 batch of SRMKDC was a huge success. More than 15 colleges with about 500 participants participated in this year's TAANDAV and the colleges among them were Meenakshi Ammal Dental College, Tagore Dental College, Stanley Medical College, Tagore Medical College, SRM Ramapuram Dental College and various other colleges within SRM University.

Various cultural events such as Western and Folk dance, Fashion Show, Light Music, Dubsmash, etc. were conducted. The students participated and won prizes with the true spirit of sportsmanship inspite of studying in a workloaded professional course such as medicine and dentistry. The management of SRM University was very supportive to complete the event in a successful manner. The Cultural event TAANDAV 2016 was a great success and we the Staff and Students of SRMKDC are looking forward to conduct and organise more such events in the future.



The Vice Chancellor along with dignitaries at the event

Winners of 31st IACDE and 24th IES National conference

STAFF REPORTER

The 31st IACDE and 24th IES National conference was held at Kolkata recently. Nine postgraduate students from the Department of Conservative Dentistry and Endodontics attended the conference. Three posters and two paper presentation were presented at the conference. Dr.C.J.Vejai Vekaash Final year post graduate student was awarded best case report. Dr.Bhavana.M, second year post graduate was awarded best poster award.



Students getting their awards



Doctors and participants at the camp

Free Denture Camp

STAFF REPORTER

A free Denture camp was organized by the Department of Prosthodontics and Implantology, SRM Kattankulathur Dental

College & Hospital in association with the Indian Prosthodontic Society (Tamil Nadu branch) on the occasion of "World Senior Citizen's Day". The camp was conducted in the out-patient department recently In all 33

completely edentulous elderly patients between 40 & 85 years of age were provided with free complete dentures. Among the 33 patients, 13 patients were female patients and 20 were male patients.

All about Brain Death... Dr.K.Gireesh

STAFF REPORTER

Brain death has a history of nearly one full century. In most cases brain death occurs as a sequel to increased intracranial pressure, nearly every neurosurgeon has experienced. In addition, neurologists, emergency care physicians and intensivists may also have had experience in encountering brain death state. The fact is that there are a large number of persons in the medical profession that lack a correct awareness of this condition.

The aim of this book is to give every neurosurgeon and neurologist sufficient theoretical knowledge to feel confident in diagnosing brain stem death.

This book elaborates on the important criteria to diagnose brain death in the form of questions and answers which will definitely clear the doubts lingering in the minds of many in the medical profession regarding various aspects of brain death and organ transplantation.

It is necessary to educate people to achieve a new culture about the need for organ transplantation. Thereby people would be psychologically prepared when facing the death of relative to give their consent to donate organs. Indeed organ transplantation allows a dead person to offer life to another.



Chairman of the SRM group releasing the book on "All about Brain Death" authored by Dr.K.Gireesh Neurologist & Neurosurgeon, Deputy Dean & VP SRM Medical College Hospital and Research Centre

Know Your Brain and How to Better it

STAFF REPORTER

Dr.R.Rajendran Librarian of SRM University organises regular Guest Lectures at University Library twice a month. Accordingly Dr.K.Gireesh Neurologist and Neurosurgeon, Deputy Dean & VP, was invited to speak on "Know Your Brain and How to Better the Brain." Dr.K.Gireesh said that when your brain works normally you are normal. When your brain has trouble you have trouble in your life. Mental health is essential to all aspects of quality of life. Your Brain is command and control centre that runs your life. The nutrients required are oxygen and glucose. Oxygen comes from the air we breathe and glucose comes from the

food we eat. Dr.K.Gireesh gave important tips on how to improve the functioning of human brain.

1. Eat right balanced diet to think right.
 - Drink 3 liters of water daily – 5 glass in morning water , 5 in the afternoon and 5 in the evening
 - Eat plenty of fruits and vegetables
 - Eat food rich in omega fatty acids (Sea foods - Salmon, sardine, Vegetables - Broccoli, Spinach, Avocado, Walnut, Flax seed, Tofu)
2. Keep the brain young through mental exercises
 - Best mental exercise is acquiring new knowledge and doing things that you have

not done before

- Like learning a new technique, new hobby, new game learning, and a new word each day.
3. Physical exercise and good breathing exercise are very essential. Both improve good blood flow to brain.
 4. Protect your fragile brain by wearing a helmet while riding a two-wheeler.
 5. Protect brain from toxic exposure to alcohol and nicotine (stop smoking and drinking alcohol as they are poisons to the brain).
 6. Sleep for 6-8 hours every day.
 7. Think positively.
 8. Protect Brain from ill effects of prolonged stress.

Dr.K.Gireesh concluded that the above measures if implemented, the Brain will start thinking creatively. Brain dysfunction is the number one

reason people fail at school, at work and in relationships.

50 delegates including faculty and students were there. It was a highly interactive session.



Dr.K.Gireesh being honoured at SRM University Library

Milestone of Heart Surgeries at SRM Hospital

STAFF REPORTER

The Department of Cardiothoracic Surgery in SRM Hospital, Potheri, celebrated the achievement of the department, organized by Prof & HOD Dr. P. Moorthy. Pro Vice Chancellor and Dean Dr. Sundaram graced the occasion. The department of Cardiology, Anaesthesiology & Vascular Surgery also participated in the function.

Dr. P. Moorthy thanked the management for encouraging the department for successfully performing 1165 Open Heart Surgeries, 501 CABGs, 400 Valve Surgeries, 270 Congenital Heart Surgeries [Overall 2075 Heart and Lung surgeries]. He also mentioned about the increasing number of poor children

operated for Heart problems under our chancellor's reference letter for fully free treatment. "We have also done Rare and difficult cases like Aortic root aneurysm and Aortic Dissection, Infant Cardiac Surgery and Video Assisted Thoracoscopy Surgery (VATS)", he added.

The Pro Vice Chancellor appreciated the performance of the department and advised to do more number of cases and also help the poor patients in need. This was followed by a cake - cutting ceremony celebrating the milestone.

Below is a letter of appreciation by one of our patient's wife from North Madras operated for Heart attack (CABG done 22.12.2016).



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நணீன் நிராநீன் நகர்
நகர் நணீன்.



The Vice Chancellor, the Director of the Faculty of Science and Humanities and speakers at the inaugural

Motivating young minds...

DST INSPIRE camp

STAFF REPORTER

PRESS RELEASE

“Innovation in Science Pursuit for Inspired Research” (INSPIRE) is an innovative programme initiated by the Department of Science and Technology (DST), Govt. of India, to attract talents to the excitement and study of science at an early age. Under the purview of DST INSPIRE program, SRM University, Kattankulathur organized a science camp with an aim of attracting and motivating the young minds of India to mould their career for research in the front line areas of science and technology.

Students pursuing science in school at XI-XII standard during the academic year 2016-17 are selected and shortlisted for the science camp if they had secured a minimum of 94.2% and above in 10th Tamilnadu state board/ Matriculation/CBSE-CGPA A1 in 10th standard/ICSE-95% in 10th standard/AMU Board-86.6% in 10th standard/Viswa Bharathi-95.1% in 10th standard.

About 487 students were shortlisted for the participation in the science camp. The science camp had talks from eminent scientists, industrial visits, one-one student-mentor interactions, hands on experience program, space workshop, science stage show, Quiz, etc.

Dr. R. Balasubramanian,
Director, Faculty of Science

and Humanities, SRM University, Chennai delivered the welcome address. Dr. D. John Thiruvadigal, Dean (Sciences), SRM University, Chennai, spoke about the DST-INSPIRE science camp. The presidential address was delivered by Prof. Prabir K Bagchi, Vice Chancellor, SRM University, Chennai. Dr. Christine Pfund, Research Mentor-Science, Technology, Engineering, Mathematics & Medicine (STEMM), University of Wisconsin-Madison, USA, inaugurated the science camp followed by special talks by Padmasri Prof. Rajpal S. Sirohi, Former Director, IIT Delhi and Dr. J. Daniel Chellappa, Senior Scientist, Bhabha Atomic Re-

search Centre, Mumbai, India. Adding to it, various mentors from premier institutions like Ramanajum Institute for Advanced Study in Mathematics, Chennai, Indira Gandhi Centre for Atomic Research, Indian Institute of Technology (IIT) Madras, Chennai, Institute of Mathematical Sciences, Chennai, University of Madras, Chennai, Bharathidasan University, Madurai Kamaraj University, Madurai, Madras Diabetes Research Foundation, Chennai, Anna University, Pondicherry University, and Avinashilingam University, Coimbatore, mentored the students during the science camp.



A snap-shot of the camp

DST – INSPIRE Internship Science Camp at SRM-NCR Campus

STAFF REPORTER

'INSPIRE' (Innovation in Science Pursuit for Inspired Research) is an innovative program initiated and sponsored by the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India to inspire young talents toward advanced studies and research in Basic Sciences. DST organises various 'INSPIRE Science Camps' all over India to encourage young scientists for the pursuit of study and research in science. SRM University, NCR Campus, Modinagar, is one of the few privileged institutions across the country having the distinction of organising 2nd 'INSPIRE Science Camp' this year also. This residential Science Camp was meant for the students of Class-XI, who were the toppers of High School Examinations of different boards, such as, UP Board, ICSE and CBSE etc.

In continuation of our efforts to encourage and motivate the students for scientific pursuit, our university was given the opportunity second time to conduct Inspire Science Camp. More than 200 students of 11th class from various Government Inter Colleges and Public Schools in Ghaziabad, Muradnagar, Modinagar, Hapur and Meerut participated in this fully-residential camp. The participating students had an excellent opportunity to interact with eminent scientists of national and international repute and academy fellows of this country through thought-provoking lectures, open discussions and demonstrations. Besides, students got acquainted with project work and group activities which facilitated self-learning, and motivation towards independent thought and action during five days. In addition, the participating students were provided with free boarding and lodging,



Participating Students of DST-Inspire Science Camp

books and study-materials, registration kit, T.A. and other necessary items throughout the duration of the camp. At SRM University, Delhi-NCR Campus, Modinagar, the DST- INSPIRE Internship Science Camp was inaugurated by the Chief Guest, Dr. R. K. Kotnala, Chief scientist of global repute and Head, Material Physics & Engineering Division, CSIR-National Physical Laboratory, New Delhi. He explained the processes of scientific inventions. He mentioned various innovative scientific methods and techniques for innovations, discovery and inventions so that the young generation may contribute to the upliftment of the country. Dr Sanjay Viswanathan, Deputy Registrar of SRM University, NCR Campus, in his welcome address, said that such programmes give an opportunity to enhance students' interest in science by highlighting the relevance of science in day-to-day life and to make them aware of their career in science. Prof Manoj Kumar Pandey, Director, SRM University, NCR Campus, talked about scientific imagination and invention in detail and stressed the need for spirit of curiosity and goal-setting among the young students. He inspired and motivated the students to think out of the box and become great inventors and discoverers.

During the Inspire Internship Science Camp all the participants attended a schedule of 12 lecture sessions by the Mentors in all the five disciplines of Mathe-

matics, Physics, Chemistry, Life Sciences and Earth Sciences, as suggested by the Department of Science and Technology. The Mentors were Padma Shri Prof. K.L. Chopra, eminent Scientist, and Founder Coordinator & presently Advisor Thin Film Laboratory, IIT, Delhi, Prof D.V. Rai, Bharat Vibhushan Awardee, Eminent Educationist & Emeritus Professor, Department of Biophysics, Punjab University, Chandigarh, Prof. A.B. Bhattacharyya Vikram Sarabhai Awardee, ISA Techno Visionary Awardee, Ex-Professor IIT Delhi and also Chairman (Board of Governors) NIT, Durgapur, Dr. G. S. Sodhi India Innovation Initiative Awardee, Eminent Scientist & Professor, SGTB Khalsa College, University of Delhi, New Delhi, Prof.

R.B. Bapat JC Bose Fellowship Awardee and Academic Fellow from Indian Statistical Institute, New Delhi, Prof. Wasim Ahmad E.K. Janaki Ammal National Awardee, Chairperson, Department of Zoology, Aligarh Muslim University, Aligarh, Dr. Mohammad Fahim, Emeritus Fellow and Head, Department of Physiology, Hamdard Institute of Medical Sciences and Research, New Delhi, Prof. M.D. Sharma Academic Fellow, Department of Mathematics, Kurukshetra University, Kurukshetra, Dr. S.S. Oberoi, Former Advisor, Ministry of Electronics and IT, Government of India, New Delhi, Dr. Beer Pal Singh, Raman Fellow, USA, and Head, Department of Physics, & Member of Executive Council, CCS University, Meerut, and

Dr. P.S. Malik from Meerut College, Meerut. All plenary speakers, eminent scientists, academic fellows, and experts from various Research Centres interacted and guided the participating students through lectures/ workshops/ demos related to the fields of science.

Dr. Kumkum Bhardwaj, Programme Co-ordinator, ensured all the participants of better facilities in the Campus during the Camp for nurturing their curiosity in science. Students got updated on the recent trends and developments in science and technology. In order to motivate students in the pursuit of science, SRM University planned to take them to visit National Science Centre, New Delhi, where they got acquainted with the structure and functions of different scientific models and equipment and watched technical presentations and 3-D shows to be creative and ardent to pursue scientific research. Various competitions like Poster making, Innovative and Technical Write Up, Science Quiz, and Extempore were organized to test the ability and awareness of the students in the field of science. As India is well-known for its traditions and culture, different cultural programmes were organized in the evening so that besides amusements the participants may showcase their talents in preserving the Indian cultural heritage.

In the valedictory session on the last day of the Camp, the Programme Co-ordinator, Dr. Kumkum Bhardwaj presented a brief report on all the activities of the Science Camp. She thanked the speakers and student participants for making the whole event successful. Thereafter, the participating students and the accompanying teachers and Principals of different schools and colleges shared their experiences and gave feedback on the organisation of the camp. Every one expressed that the camp was organized successfully. The students were given certificates, group photographs, and prizes for various competitions and activities. The whole programme came to an end with the vote of thanks proposed by Prof P.K. Chaturvedi.



Chief Guest, Prof. R.K. Kotnala inaugurates the DST-Inspire Internship Science Camp at SRM University, Modi Nagar Campus

Devote some time for welfare of society - Mr.Joshi

STAFF REPORTER

“Education is a liberating force, which enables the individual to rise from the ordinary to a higher plane of intellect. It is first and foremost responsibility of the university to produce well-informed, motivated and cultured citizens for the nation” the Chief Guest, Mr. Madan Mohan Joshi, Executive Director, Bharat Electronics Limited, Ministry of Defense, Government of India, said during his address on the occasion of 11th Graduation Day at SRM University, Delhi NCR Campus Ghaziabad. The event was held recently at Easwari Auditorium to confer degrees to the graduates in the fields of Engineering and Technology, Business Administration, Hotel Management and Computer Applications. The event was graced by the presence of Registrar SRM University and over 1200 graduates were conferred degrees in person and in absentia.

The event formally commenced with invocation, followed by welcome address by the Director, SRM University, Delhi NCR Campus, in which he welcomed all the graduates and expressed gratitude towards the guests. The Director, also presented the annual report of the campus and affirmed the major achievements of SRM University of the past session. Graduation Day address was then delivered by the chief guest in which he motivated young graduates and praised the achievements of SRM University.

Pointing out the ancient Indian education and ancient universities the chief guest said, “Our epics Ramayana and Mahabharat showcase the capabilities like creating “Rama Sethu” connecting India’s sea coast to Sri Lanka with the help of floating stones on the sea surface.” He also quoted another example of Indian expertise in ancient era about guided missiles including “Bhramasra”, fired by Rama which was capable of devastating a major portion of universe. He also stated that graduates should also devote some of their time for the welfare of the society. They should also concentrate on their higher studies and research work. On this note the degrees were conferred and the event was concluded.



The Registrar at the Graduation Day along with the chief guest

Modern Tamil of Mass Media...

STAFF REPORTER

Tamil Perayam of SRM University, in association with Indian Council of Social Science Research (ICSSR), New Delhi, conducted two days National (bi-lingual) seminar on “The influence and impact of Mass media on modern Tamil society” on 21st and 22nd of July 2016 at Dr.T.P. Ganesan Auditorium. The seminar was inaugurated by Dr.T.P.Ganesan, Pro-Chancellor of the SRM university. Dr. R. Balasubramanian, President of the Tamil Perayam and the Director of the Faculty of Science and Humanities presided over the function. Dr.Karu. Nagarajan, Secretary, Tamil Perayam welcomed the gathering.

During his inaugural address Dr.T.P. Ganesan, emphasized that the Mass media should be helpful for the development of the society. Dr. R. Balasubramanian in his presidential



(L to R) Prof. M.J. Rabi Singh, Co-ordinator of the Seminar, Prof. V.Sankara Narayanan, Chief Guest, Prof. T.P. Ganesan, Pro-Chancellor, Prof.R.Balasubramanian, President, Thamizh Academy, Prof. Karu. Nagarajan, Secretary, Thamizh Academy.

address, said. “This is the first time that SRM University is funded by the Indian Council of Social Science Research to organize the conference. It is very much relevant, up to date and should be known to the youngsters.” During his keynote address Prof.V.Sankaranarayanan, former Director, Ramanujam Computer Centre, Anna University said, “Media is a pillar of the society and a healthy society is not possible without a healthy media. Media should take responsibility to preserve culture.”

The valedictory function was presided over by Prof. N. Sethuraman, Registrar, SRM University. He said “Media should take good things to the people without seeing any differences”. During his felicitation address, Prof. Erodu

Thamizhanban emphasized that the Mass media should be used with utmost care and social responsibility. Prof.M.J. Rabi Singh, co-ordinator of the seminar proposed the vote of thanks.

In the four sessions of the seminar, research papers were presented by the faculty members from the Departments of Tamil, Visual Communication, Computer Science, Sivaji Ganesan Film Institute (all from SRM group of educational Institutions), the International Institute of Tamil studies, Tamil Virtual Academy, Presidency College, Madras Christian College and All India Radio. It was well attended by a large number of staff and the students of various faculty of SRM University and City Colleges.

On the way to the dynamic round of hybrid vehicle challenge

STAFF WRITER

SRM University's official formula student racing members—Team 1.618—is on its way to Greater Noida for the Dynamic Round in the Hybrid Vehicle Challenge. Passionate to design and fabricate its own Hybrid Vehicle, the Team is under the aegis of Electrical and Electronics Department of SRM University and is headed by two faculty advisors-- Dr.K.Mohanraj and Mr R. Karthik from EEE and Automobile Departments respectively.

The team is going to participate in Hybrid Vehicle Challenge (HVC), Asia's largest hybrid vehicle competition conducted for the engineering/diploma students encouraging better placements, higher research and aptitude and development of skill. The objective is to design & fabricate a hybrid vehicle or an electric vehicle under ISIE restriction giving a boost to implementation of skills in the real world. HVC provides opportunities to implement and practice the theoretical concepts in our own Fabrication Bay. Hybrid Vehicle Challenge (HVC 17) consists of two phases - Virtual Round & Dynamic Round. The SRM Team was runners-up in the Virtual Round which was held in Bhimavaram (A.P). The Dynamic Round would be held between February 16 and 19 at Buddh International Circuit, Greater Noida. It is the only circuit in India which has been standardised for Formula -1 racing.

The team name 1.618symbolizes the Golden Ratio appears in every aspect of life, be it mathematics, architecture, nature and almost everything. After a

couple of recruitments, the team is set to work. The technical and corporate team begun to work in their respective domains and finally unveiled the first hybrid vehicle on 1st Feb, 2017 at SRM University's Dr. T.P Ganeshan Auditorium Mini Hall- 1.

The unveiling ceremony was attended by the Vice Chancellor of SRM University, Prof. Prabir K Bagchi and the Registrar, Dr. N. Sethuraman. The Vice Chancellor emphasised the need of alternative technology in the automobile sector in the upcoming days. The Registrar appreciated the hard work done by the team and wished good luck to the team in the upcoming challenge.

Corporate Manager , Raghvendra and Corporate Executive, Abhijeet Parmar welcomed all the distinguished guests . Team Captain Anurag Gupta was nostalgic in his speech, remembering the vision with which the team started. He thanked the team Principal, HOD EEE department Dr. K. Vijaykumar along with faculty advisors Dr. K. Mohanraj and Mr R. Karthik for their immense support throughout our journey. He was very confident of success in the competition.

The vote of thanks was delivered by Team's Vice Captain - Paritosh Sharma. He stressed on the importance of staying together and teamwork and gave a heartfelt gratitude to Vice Chancellor, Registrar, faculties and all sister teams who have been instrumental in the growth and development of the Team's journey. The Vice Chancellor and the Registrar together unveiled the 'PHI 1.0' to an enthusiastic cheer from the gathering.



The Vice Chancellor and Registrar along with Team members and faculty at the unveiling of the Hybrid Vehicle



Freedom Did Not Come By Accident, Nor Given To Us Voluntarily... Vice Chancellor

A STAFF WRITER

India is a nation of laws, not of men and women and freedom came to India not by accident, neither was it given to the people voluntarily, the Vice Chancellor, Professor Prabir K Bagchi, said while delivering the 68th Republic Day address at SRM University.

“Almost seven decades ago India won her Independence and shortly thereafter we became a Republic with a full fledged constitution that ensured that we are a nation of laws, not of men and women. Freedom did not come to us by accident; nor was it voluntarily given to us by our former colonial rulers. India fought hard for her freedom for almost 200 years and in the last seventy years or so we have been fighting to maintain our distinguished status as a democracy in the comity of nations. And we are prevailing against difficult odds stacked against us, internally and externally. World is often amazed how people of many different languages and distinct cultures can live together harmoniously. We deserve credit and pat in the back” the Vice Chancellor said.

“From the time of independence our political leadership has been confronted with poverty, hunger and disease that contin-



The Vice Chancellor, Professor Prabir K Bagchi while delivering the 68th Republic Day address at SRM University.

ue to saddle us in spite of all our advancement in education and science. In a nation of 1.3 billion people, more than 500 millions continue to live below the poverty line. And the striking contrast is that the top 1 per cent of the population holds on to 58 per cent of the wealth. The national task is therefore to narrow the gap between the haves and the have-nots”, Dr. Bagchi remarked.

“The resilience of our people manifests not just in times of threat of terrorists or state sponsored terrorism but also at the time of natural and man-made

calamities. Most recently after the government’s decision to demonetize high value currency notes, public endured a lot of hardship in order to gain in the long run” he added.

“The continuing challenges for India as we celebrate the 68th Republic Day is not merely poverty, disease and hunger. But there is a larger disease that we have to fight and something that has unfortunately seeped into our political system—the cancer of corruption that is literally tearing into the seams of our political rubric. The time to stop the loot and plunder has come; and the onus is on the younger generation and the future leaders of tomorrow to take on the challenge”, the Vice Chancellor said urging young students to dream big, stay honest to the principle and rule the world.

Organised by the Directorate of Sports, the 68th Republic Day at SRM University saw an impressive parade by the NCC Unit of the University. The Director of Sports, Dr. Vaidhiyanathan in his welcome address noted the historic occasion of the day and drew attention to the Cadets of SRM University participating in the Republic Day Parade in New Delhi as also in many of them being a part of national and international events and camps.



The Vice Chancellor being received and hoisting the National Flag



A reward with an award !!

STAFF REPORTER

Our Student Kudrat Lakhnanpal CRI attended the 1st National Dental Students workshop held by the Dental Council of India in the city of Ahmedabad, Gujarat and more so was fortunate to have received the award at an impressive Felicitation Ceremony from Dr. Mazumdar, President of the Dental Council of India himself for topping the final year of the BDS curriculum in the year 2015-16.

The two day event was rather enlightening in terms of Dental workshops and seminars given by eminent dentists from across the country and also encouraging the budding dentists on their future prospects and the variations the field of dental surgery has to offer in India and in countries abroad. She also Acknowledged our Dean of our college, Dr. Vivek Narayanan, for boosting and emboldening me towards the pinnacle of success.

Challenges faced by women

In India, analysis reveals that women systematically face discrimination simply by virtue of being female.

STAFF REPORTER

Women encounter challenges every day. In India, analysis reveals that women systematically face discrimination simply by virtue of being female. This includes verbal, physical and sexual violence. Yet women possess the collective power to change their lives, their communities and the world they live in. Just as they face daily challenges, women are continually developing innovative, effective ways to improve their lives. By bringing together their wisdom and creativity, young women are leading change. From managing political cabinets to leading space mission programs, women all over the World today are making strides in their professional careers.

Access to quality education and professional training over the last few decades has empowered women to choose career paths in their field of interest. However, increase in number of professionally trained female graduates globally has not directly translated to an increase of women in top management positions in academia and the corporate world. Conventional road blocks such as gender issues, stereotypes, lack of mentoring, cultural differences and other social barriers continue to create inequality at work places and women are often under represented at the decision-making level of institutions.

Understanding that motivating young women's leadership is essential to social change now and for the future, a "Workshop on Women Empowerment" was organized by SRM University - Ramapuram in association with Indian Science Congress Association - Chennai Chapter, recently at TRP Auditorium, SRM University, Ramapuram Campus, Chennai.

Dr. Sudha Seshayyan, Vice Principal, Madras Medical College, Chennai, was the Chief

Guest and Mrs.M.P. Nirmala, IAS (Retd.), was the Guest of Honor for the Workshop. Dr.T.S. Sridhar, Director (General), Ramapuram & Trichy Campuses gave the Presidential Address and Dr.V. Subbiah Bharati, Dean (E&T), SRM University addressed the gathering.

The discussions, speeches and personal stories motivated the young women of SRM University to build careers in their respective fields and to achieve success in every aspect of their lives.

Prof. Dr.L.Sudha, Convenor of the Workshop and Head of the Department of Physics, Ramapuram Campus gave the Welcome Address. Dr.Helen P. Kavitha, Head of the Department of Chemistry, Ramapuram Campus, briefed the audience about the workshop followed by lighting of Kuthuvilakku by the dignitaries.

Dr.T.S. Sridhar, Director (General) has spoken about the issues of women in the present scenario and enumerated the ways to overcome them thereby attaining empowerment in every walk of their lives.

The motivational talk on "Empowering Women to lead change" delivered by the Chief Guest, Dr. Sudha Seshayyan, Vice Principal, Madras Medical College, Chennai and a recipient of Kalaimamani Award touched every aspect of women, and challenges they face in the society. She also shared her thoughts on how to attain social, physical, logical and economic empowerment of women.

Mrs.M.P.Nirmala, IAS (Retd.), the Guest of Honor, a well-known State Government Officer spoken about various programs launched and implemented by the Central and State Governments to support women's empowerment. She also spoke about the Constitutional Amendments made for women empowerment and the progress being made by citing examples of



Scenes from the workshop

successful women in the industry, academic and political arena.

The Chief Guest and Guest of Honor interacted with the young women and it was a most valuable time for the participants.

At the closure of the post-morning session, Mrs.R.M.Rani Hod / IT proposed the vote of thanks. In her extended vote of thanks, she appreciated ISCA - Chennai Chapter for the timely financial support, expressed gratitude to the events' organizer, ambient audience, and all who have volunteered towards the success of the program.



In the afternoon session, competitions such as Essay writing, Drawing, Elocution and Poster presentation were conducted for the girls. About 145 students actively participated in the events. The presentations of young women participants were carefully scrutinized and the best presentations/models were consolidated by a peer review team.

In the valedictory function, Dean (E&T) congratulated the winners of competitions and awarded them trophies and distributed certificate.

தமிழ்ப்பேராய விருதுகள் 2016

திரு. இராமசாமி நினைவுப் (SRM) பல்கலைக்கழகம், தமிழ்ப்பேராயம் என்னும் ஓர் அமைப்பினை நிறுவித் தமிழ் மொழி, இலக்கியம், கலை, ஆய்வு ஆகியவற்றின் வளர்ச்சிக்கான பல திட்டங்களைச் செயல்படுத்தி வருகிறது. தமிழ் ஆராய்ச்சிக் கல்வி, தமிழ்ச்சமயக்கல்வி, கணினித் தமிழ்க் கல்வி, அயலகத் தமிழாசிரியர் பட்டயக் கல்வி, 'யோகமும் மனிதமாண்பும்' எனும் உடல்-மன வளர்ச்சிப் பட்டயக் கல்வி, அரிய நூல்கள் பதிப்புப் பணி ஆகியவற்றுடன், தமிழ்ப் படைப்பாளிகள், சாதனைகள் புரிந்த பேரறிஞர்கள் ஆகியோர்க்கும், தமிழ் இதழ்கள், தமிழ்ச் சங்கங்களுக்கும் ரூ.22,00,000 பெறுமான 12 வகை விருதுகளை வழங்கும் அரிய திட்டத்தையும் செயல்படுத்தி வருகிறது. தமிழ்ப்பேராய விருதுகள் கீழ்க்காணும் 12 தலைப்புகளில் வழங்கப்படுகின்றன.

விருதுக்குரிய நூல்களையும் அறிஞர்களையும் தெரிவு செய்வதற்கான தெரிவு முறை, பேராய விதிமுறைகளின்படி மூன்றடுக்காக அமைந்தது :

1. படைப்பாளிகளும் தமிழறிஞர்களுமான ஆய்வுக்குழுவினர் அடிப்படைத் தெரிவில் ஒவ்வொரு பிரிவுக்கும் சில நூல்களைத் தேர்ந்தெடுத்தனர்.
2. அந்நூல்கள் அந்தந்தத் துறை வல்லுநர்களான 2 பேர் கொண்ட ஆய்வுக் குழுவுக்கு அனுப்பப்பட்டு ஒவ்வொருவரிடமிருந்தும் இரண்டாண்டு நூல்களின் தெரிவு பெறப்பட்டது.



பேரா.நா.சேதுராமன் பதிவாளர், முனைவர் தி.பொ.கணேசன், இணைத் துணைவேந்தர், பேரா.கரு.நாகராசன், செயலர், தமிழ்ப்பேராயம்

3. ஆய்வர் குழுக்களின் நூல் தெரிவுகள் ஐந்து பேர் கொண்ட நடுவர் குழுவின் பரிசீலனைக்கு வைக்கப்பட்டு இறுதிப் பரிந்துரைகள் பெறப்பட்டன. தமிழறிஞர்களான பரிதிமாற் கலைஞர் விருது, பாரிவேந்தர் பைந்தமிழ் விருது

ஆகியவற்றுக்குரிய அறிஞர் பெருமக்களின் அடிப்படைத் தெரிவுப்பட்டியல்களும் நடுவர் குழுவின் பரிசீலனைக்கு வைக்கப்பட்டு ஒவ்வொரு விருதுக்கும் ஒவ்வொரு அறிஞர் பரிந்துரைக்கப்பட்டனர்.

விருது பெறும் நூல்கள், படைப்பாளர்கள், இதழ்கள், தமிழ்ச்சங்கங்கள் மற்றும் தமிழறிஞர்கள் விவரம்

1	புதுமைப்பித்தன் படைப்பிலக்கிய விருது	நூல் : கொலைச்சேவல், ஆசிரியர் : இமையம்
2	பாரதியார் கவிதை விருது	நூல் : மலர்மகன் கவிதைகள், ஆசிரியர் : மலர்மகன்
3	அழ.வள்ளியப்பா குழந்தை இலக்கிய விருது	நூல் : சொட்டுத்தண்ணீர், ஆசிரியர் : ஓ.கே.குணநாதன்
4	ஜி.யூ.போப் மொழிபெயர்ப்பு விருது	நூல் : Paththupattu in English, ஆசிரியர் : A.Dakshnamoorthy
5	பெ.நா.அப்புசாமி அறிவியல் தமிழ் விருது	நூல் : சர்க்கரை நோயுடன் வாழ்வது இனிது, ஆசிரியர் : கு.கணேசன்
6	ஆனந்தகுமாரசாமி கவின்கலை விருது & முத்துத்தாண்டவர் தமிழிசை விருது	நூல் : சோழர் கால ஆடற் கலை, ஆசிரியர் : இரா. கலைக்கோவன்
7	விபுலானந்தர் படைப்பிலக்கிய விருது	நூல் : குறுந்தொகை, ஆசிரியர் : வ.ஐ.சு. ஜெயபாலன்
8	அப்துல் கலாம் இளம் தமிழ்ஆய்வறிஞர் விருது	நூல் : தமிழகத்தில் புரத வண்ணார்கள், ஆசிரியர் : த.தனஞ்செயன்
(வரிசை எண் 1 முதல் 8 வரை விருதுத்தொகை ரூ. 1,50,000 ஐ படைப்பாளருக்கு ரூ. 1,25,000, பதிப்பகத்தாருக்கு ரூ. 25,000 எனப் பகிர்ந்தளிக்கப்படும்)		
9	சுதேசமித்திரன் தமிழ் இதழ் விருது	இதழ் : காலச்சுவடு, ஆசிரியர் : சுந்தரம் ரூ. 1,00,000
10	தொல்காப்பியர் தமிழ்ச்சங்க விருது	தமிழ்நாட்டுத் தமிழ்ச்சங்கம் : இலக்கிய வீதி, பொறுப்பாளர் : இலக்கிய வீதி இனியவன் அயல்நாட்டுத் தமிழ்ச்சங்கம் : கனடாத் தமிழ்க் கல்லூரி, பொறுப்பாளர் : துரை ராசா
11	பரிதிமாற் கலைஞர் விருது	தமிழறிஞர் : கவிஞர் ஈரோடு தமிழன்பன் ரூ. 2,00,000
12	பாரிவேந்தர் பைந்தமிழ் விருது	தமிழ்ப்பேரறிஞர் : சிலம்பொலி சு செல்லப்பன் ரூ. 5,00,000



Our Tennis Men's Team won Gold Medal in All India Inter University Tennis Men's Tournament at Hisar, Haryana



Our Basketball Men's Team qualified for All India Inter University Basketball Men's Tournament to be held at Punjab university, Patiala.



Our Table Tennis Men's Team won Gold Medal in South Inter University Table Tennis Men's Tournament at Sai Ram Engineering College, Chennai. And Qualified for All India Inter University Table Tennis Men's Tournament to be held at Chithra university, Himachal Pradesh.



Our Football Men's Team won SILVER MEDAL in Tamilnadu Inter University Volleyball Men's Tournament at Tamilnadu Sports University



Our Kabaddi Men's Team won Gold Medal in Tamilnadu Inter University Kabaddi Men's Tournament at MS University, Trinelveli.



Our Volleyball Men's Team won GOLD MEDAL in Tamilnadu Inter University Volleyball Men's Tournament at SRM University.



Our Ball Badminton Men's Team won Gold Medal in All India Inter University Ball Badminton Men's Tournament at SRM University.



Our Hockey Men's Team qualified for All India Inter University Hockey Men's Tournament to be held at Delhi.

Lead poisoning and health Fact sheet

STAFF REPORTER

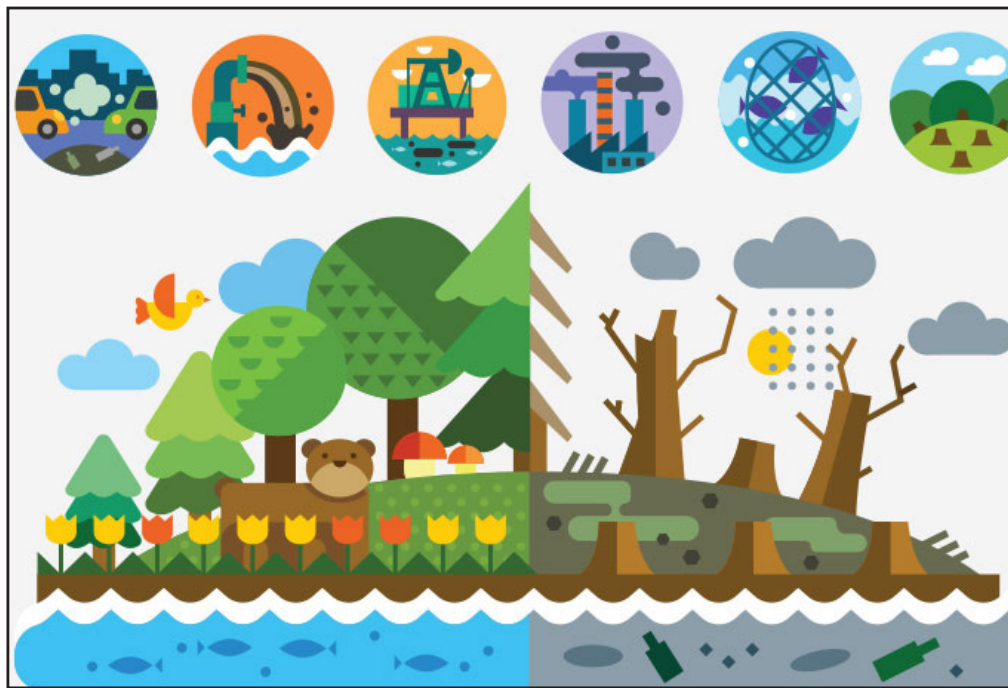
Key facts

- Lead is a cumulative toxicant that affects multiple body systems and is particularly harmful to young children.
- Lead in the body is distributed to the brain, liver, kidney and bones. It is stored in the teeth and bones, where it accumulates over time. Human exposure is usually assessed through the measurement of lead in blood.
- Lead in bone is released into blood during pregnancy and becomes a source of exposure to the developing fetus.
- There is no known level of lead exposure that is considered safe.
- Lead poisoning is entirely preventable.

Lead is a naturally occurring toxic metal found in the Earth's crust. Its widespread use has resulted in extensive environmental contamination, human exposure and significant public health problems in many parts of the world.

Important sources of environmental contamination include mining, smelting, manufacturing and recycling activities, and, in some countries, the continued use of leaded paint, leaded gasoline, and leaded aviation fuel. More than three quarters of global lead consumption is for the manufacture of lead-acid batteries for motor vehicles. Lead is, however, also used in many other products, for example pigments, paints, solder, stained glass, lead crystal glassware, ammunition, ceramic glazes, jewellery, toys and in some cosmetics and traditional medicines. Drinking water delivered through lead pipes or pipes joined with lead solder may contain lead. Much of the lead in global commerce is now obtained from recycling.

Young children are particularly vulnerable to the toxic effects of lead and can suffer profound and permanent adverse health effects, particularly affecting the development of the brain and nervous system. Lead also causes long-term harm in adults, including increased risk of high blood pressure and kidney damage. Exposure of



Its widespread use has resulted in extensive environmental contamination, human exposure and significant public health problems in many parts of the world....

pregnant women to high levels of lead can cause miscarriage, stillbirth, premature birth and low birth weight, as well as minor malformations.

Sources and routes of exposure:

People can become exposed to lead through occupational and environmental sources. This mainly results from:

- inhalation of lead particles generated by burning materials containing lead, for example, during smelting, recycling, stripping leaded paint, and using leaded gasoline or leaded aviation fuel; and
- ingestion of lead-contaminated dust, water (from leaded pipes), and food (from lead-glazed or lead-soldered containers).

The use of some traditional cosmetics and medicines can also result in lead exposure.

Young children are particularly vulnerable because they absorb 4–5 times as much ingested lead

as adults from a given source. Moreover, children's innate curiosity and their age-appropriate hand-to-mouth behaviour result in their mouthing and swallowing lead-containing or lead-coated objects, such as contaminated soil or dust and flakes from decaying lead-containing paint. This route of exposure is magnified in children with pica (persistent and compulsive cravings to eat non-food items), who may, for example pick away at, and eat, leaded paint from walls, door frames and furniture. Exposure to lead-contaminated soil and dust resulting from battery recycling and mining has caused mass lead poisoning and multiple deaths in young children in Nigeria, Senegal and other countries.

Once lead enters the body, it is distributed to organs such as the brain, kidneys, liver and bones. The body stores lead in the teeth and bones where it accumulates over time. Lead stored in bone may be remobilized into the blood during pregnancy, thus exposing the fetus. Undernourished children are more susceptible to lead because their bodies absorb more lead if other nutrients, such as calcium, are lacking. Children at highest risk are the very young (including the developing fetus) and the impoverished.

Health effects of lead poisoning on children

Lead can have serious consequences for the health of children. At high levels of exposure, lead attacks the brain and central nervous system to

cause coma, convulsions and even death. Children who survive severe lead poisoning may be left with mental retardation and behavioural disorders. At lower levels of exposure that cause no obvious symptoms, and that previously were considered safe, lead is now known to produce a spectrum of injury across multiple body systems. In particular lead affects children's brain development resulting in reduced intelligence quotient (IQ), behavioural changes such as reduced attention span and increased antisocial behaviour, and reduced educational attainment. Lead exposure also causes anaemia, hypertension, renal impairment, immunotoxicity and toxicity to the reproductive organs. The neurological and behavioural effects of lead are believed to be irreversible.

There is no known safe blood lead concentration. But it is known that, as lead exposure increases, the range and severity of symptoms and effects also increases. Even blood lead concentrations as low as 5 µg/dl, once thought to be a "safe level", may result in decreased intelligence in children, behavioural difficulties and learning problems.

Encouragingly, the successful phasing out of leaded gasoline in most countries, together with other lead control measures, has resulted in a significant decline in population-level blood lead concentrations. There are now only 3 countries that continue to use leaded fuel.

Burden of disease from lead exposure

The Institute for Health Metrics and Evaluation (IHME) has estimated that in 2013 lead exposure accounted for 853,000 deaths due to long-term effects on health, with the highest burden in low and middle income countries. IHME also estimated that lead exposure accounted for 9.3% of the global burden of idiopathic intellectual disability, 4% of the global burden of ischaemic heart disease and 6.6% of the global burden of stroke².

WHO response:

WHO has identified lead as 1 of 10 chemicals of major public health concern, needing action by Member States to protect the health of workers, children and women of reproductive age.

WHO has made available through its website a range of information on lead, including information for policy makers, technical guidance and advocacy materials.

WHO is currently developing guidelines on the prevention and management of lead poisoning, which will provide policy-makers, public health authorities and health professionals with evidence-based guidance on the measures that they can take to protect the health of children and adults from lead exposure.

Since leaded paint is a continuing source of exposure in many countries, WHO has joined with the United Nations Environment Programme to form the Global Alliance to Eliminate Lead Paint. This is a cooperative initiative to focus and catalyse efforts to achieve international goals to prevent children's exposure to lead from leaded paints and to minimize occupational exposures to such paint. Its broad objective is to promote a phase-out of the manufacture and sale of paints containing lead and eventually eliminate the risks that such paints pose.

The Global Alliance to Eliminate Lead Paint is an important means of contributing to the implementation of paragraph 57 of the "Plan of Implementation" of the World Summit on Sustainable Development and to resolution II/4B of the Strategic Approach to International Chemicals Management (SAICM), which both concern the phasing of a lead paint