

13th ISTE ANNUAL STUDENTS CONVENTION OF ISTE KERALA SECTION held at Mar Baselios College of Engineering and Technology, Trivandrum (Kerala) during 29th - 30th August, 2014

The 13th Annual Students Convention of ISTE Kerala Section **QUERENCIA 2014 : Arise & Awaken Your Ideas** was organised by Mar Baselios College of Engineering and Technology, Trivandrum during 29th & 30th August, 2014. 'Querencia' is a Spanish word for the space within a bull rig, where after a fight the tired or wounded bull retreats to recharge before fighting again. The expression was chosen by the students to highlight the provision of a safe haven for participants to renew themselves and realize their true potential and genius. The Principal Dr. T.M. George delivered the welcome address. The Convention was inaugurated by Her Excellency Smt. Sheila Dikshit, Governor of Kerala State alongwith other Chief Guests. His Beatitude Moran More Baselios Cardinal Cleemis Catholicos and the Patron of MBCET delivered the presidential address. Dr. S. Basil Gnanappa, Executive Secretary, ISTE delivered the address and highlighted the major goals of ISTE at the national level. Dr. B. Anil, Chairman, ISTE Kerala Section delivered the keynote address. Prof. C.P. Sunilkumar, ISTE SMC Member presented the

report on the growth of ISTE Kerala Section. The vote of thanks delivered by the Organising Secretary, Smt. Nidhi M.B., ISTE SMC Member. The other dignitaries present were Mr. V.A. Shamsudeen, Deputy Director, Curriculum Development Centre and Rev. Fr. Wilson Thattarathundil, Bursar, MBCET. More than 600 student delegates attended the Convention.

The various Awards were distributed during the inaugural function by the dignitaries. Seven best students from each chapter were also awarded during the function. Various paper presentations and workshops on Animation and Android Programmes was also organised during the Convention.

The valedictory function was graced by Dr. S. Sheela, Principal, College of Engineering, Trivandrum and presided by Dr. B. Anil, Chairman, ISTE Kerala Section on 30-8-2014. The other dignitaries attended were Ms. Nidhi M.B., Prof. C.P. Sunil Kumar and Dr. T.M. George Principal MBCET. The overall trophy of 13th Annual ISTE Student Convention was won by GEC Thrissur.



Dignitaries on the dias during the Felicitation to Hon. Smt. Sheila Dikshit, Governor of Kerala by His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Major Archbishop of Malankara Catholica Church.



L to R : Ms. Nidhi M.B., Prof. C.P. Sunil Kumar, Dr. T.M. George, Dr. S. Basil Gnanappa, Her Excellency Smt. Sheila Dikshit, Governor of Kerala, His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Major Archbishop of Malankara Catholica Church, Dr. B. Anil, Rev.Fr. Wilson Thattarathundil, Mr. Shaun Mathews.



44th ISTE ANNUAL NATIONAL CONVENTION 2014
at College of Engineering, Trivandrum (Kerala)
on 27th - 29th November, 2014



The 44th ISTE National Annual Convention will be held at **College of Engineering, Trivandrum (Kerala)** during **27th - 29th November, 2014**. The main theme of the convention is **Shaping Technical Education to Meet the Challenges Beyond 2020**. The sub-themes are :

1. Significance of Vocational Education
2. Reshaping Engineering Education for Defence and Aerospace R&D
3. Transforming Technical Education to meet the needs of Industry
4. Creating Employable Engineers through Industrial Participation
5. Role of Research and Development in Technical Education
6. Role of Autonomy in Technical Education
7. Role of Accreditation in Enhancing the Quality of Technical Education
8. Values and Ethics in Technical Education and Research
9. Institutional Social Responsibility
10. Innovation in Information and Communication Technology

The convention will feature invited lectures, technical sessions, commemorative lectures, exhibitions and cultural programmes. A Souvenir will be published on this important occasion, which will be circulated widely. Proceedings of the Convention which will carry all the papers selected for the convention also will be published.

ABOUT CET

The College of Engineering Trivandrum (CET) a premier Technical Education Institution in the state of Kerala is celebrating its Platinum Jubilee in 2014 on completion of 75 years of formation. From student strength of 21 in 1939, the College today admits more than 1000 students every year in its 125 acres of lush green campus. Eight undergraduate courses and 23 post graduate courses are offered to these students. Besides the regular programmes, B.Tech, M.Tech, MCA and MBA courses are offered as evening programmes.

The recruiters who visit the campus include large manufacturing firms in the country and global IT giants. The College is approved research centre of University of Kerala. The College offers facilities for entrepreneurial development to the students through its Technology Business Incubation Centre and encourages innovations through its Technology Research Park.

The College is situated at a distance of 12 km from the Trivandrum Central Railway station located at Thampanoor and Trivandrum Central Bus station at Thampanoor. The College is at a distance of 11 km from the Trivandrum International airport at chakka and at a distance of 16km from the Trivandrum domestic airport. There are frequent buses from the Trivandrum Central Railway station and Central Bus station. There will be bus services from different boarding points for the convenience of ISTE members who are coming for the convention.

GUIDELINES FOR PAPER SUBMISSION

Full length papers are to be submitted in MS-Word/ PDF format not exceeding 3000 words and an abstract not exceeding 250 words. Please visit the website www.iste.cet.kerala.gov.in for more details. The papers will be sent for review and after getting recommendation from the reviewers, first author will be intimated about acceptance/modifications etc. Accordingly, the final paper must be submitted within the prescribed frame work. All the papers recommended by the review committee and registered papers will be published in the conference proceedings. All members attending the convention are requested to register online and make the registration payment by Cash/DD/Bank Money Transfer. Please visit the convention website for detailed information of registration . Atleast one author should register as a delegate.

IMPORTANT DATES

Last date of submission of full length paper	: 30-08-2014
Intimation of acceptance of paper	: 10-10-2014
Last date for submission of camera ready paper	: 20-10-2014
Last date for online registration	: 15-11-2014

MAJOR EVENTS

Technical Sessions on main theme & sub themes, Seminars, Exhibition, Invited Lectures, Technical sessions, Commemorative Lectures, Cultural programmes, Industrial visit etc.

REGISTRATION FEES

	Upto 15-10-2014	Late registration
ISTE Members	Rs.1500	Rs.1750
Delegates	Rs.2000	Rs.2250
ISTE Award Winners	Rs.1000	Rs.1000
Accompany spouse/ children above 10 years	Rs.750	Rs.1000

Payment in the form of cash/DD/bank money transfer. In case of DD, details : drawn in favour of **ISTE-44th Annual National Convention 2014**", payable at SBT, Engineering College Branch, Thiruvananthapuram (IFSC code SBTR 0000268)

In case of Money Transfer:

Bank Name and Address :

State Bank of Travancore
Engineering College Branch,
Engineering College (PO),
Thiruvananthapuram - 695016

Branch Name Engineering College Branch
Account Number 67262076473
IFSC Code SBTR0000268

Official communications are to be addressed to:

Dr. S. Ushakumari

(Organising Secretary)
ISTE 44th Annual National Convention
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&

Dr. G. Chandramohan

(Organising Secretary)
ISTE 44th Annual National Convention
Director, CET School of Management
College of Engineering Trivandrum
Thiruvananthapuram, Kerala - 695016
Phone : 09447031989
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Website : www.iste.cet.kerala.gov.in

Proposals invited to host the ISTE National Annual Conventions for the year 2015

As a regular annual feature, forty three National Annual Conventions and sixteen Students Convention of ISTE have been held so far in the different States. The major impact of these Conventions are instrumental in providing an opportunity for the Teachers, Educational Planners and Administrators, Students and all other stakeholders who are involved in the field of technical education to get together and share their views and to contribute to the development of technical education system.

In this regard, Institutions are welcome to send their proposals for hosting the 18th ISTE Annual Students Convention and 45th ISTE National Annual Convention, which will be organised during October and December 2015 respectively. Proposals received will be placed before the ISTE Executive Council in its meeting to be held during the Annual Convention of ISTE in November 2014 for consideration.

Institutions may kindly send their detailed profile alongwith the willingness letter for hosting the Convention to the following address:

The Executive Secretary

Indian Society for Technical Education
Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110 016
Phone : 011-26513542, 26963431
Fax : 011-26513542
Email : istedhq@vsnl.net
Website : www.isteonline.in

CHANGE OF ADDRESS

All the ISTE Members are requested to communicate their **residential address** in the below said format for sending the ballot papers under certificate of posting.

1. Name
2. Membership Number
3. Residential Address with pincode & telephone number
4. Institute/Office Address with pincode & telephone number
5. Email Address
6. Mobile Number



PRESIDENT'S COLUMN

Management Education in India



India's first B-school i.e. Commercial School of Pachiappa's Charities was set up in 1886 in the southern city of Chennai (Madras). In 1903, British government initiated Secondary school level commerce classes at the Presidency College in Calcutta

with a focus on Secretarial practice, Business Communication, Short hand, Typing, Correspondence & Accounting. The first college level Business School was founded in 1913 in Mumbai i.e. Sydenham College. The Indian Institute of Social Science founded in the year 1948 as India's first management program with an intention to train manpower to create and spread the knowledge required for managing industrial enterprises in India. The first full-time MBA in India started way back in 1957, the All India Institute of Management and Social Welfare, Kolkata and Delhi University then followed it in 1958. It is in 1960 when the foundation of the first Indian Institute of Management in Ahmedabad was laid. Since then India has witnessed a gradual growth in this sphere of education. Currently, there are more than 5000 management colleges exists across the India and many among them are counted among the best of the world. Globalization policy of India also acted like a catalyst in this management education boom.

Over 70% of workers in developed economies are "knowledge" workers who are more highly skilled and paid higher wages. A study found that countries like Botswana, Brazil, Indonesia, Korea, Singapore and Thailand that were poor 35 years ago now have an average increase of 7% or more in GDP. This was the result of substantial effort put into schooling its citizens and deepening its human capital. As per a McKinsey report 73 million workers are needed by 2015 i.e. 50% more than today in the automobile and electronic sector. The Ma Foi Management Consultants Ltd estimates about 2.5 million jobs in the retail sector. In the past six or seven years, MBA institutes have been in a rush to tap the burgeoning demand from executives keen to upgrade their skills. Much of this demand has been driven by engineers keen to grow from being grunt workers to team leaders and managers. The knowledge economy has

brought to the forefront the importance of human capital. The market pressure triggered radical changes in the orientation of management education throughout the world and B-Schools in India responded effectively to this.

The Associated Chambers of Commerce and Industry of India (ASSOCHAM) in its recent paper on "**Appetite for MBA tumbles down**" reveals the grim placement scenario reflected in B-school campus hiring which has gone down severely and only 18% of students got placement this year. The salary packages which are offered at B-schools and engineering colleges are also being curtailed by 40-45% as compared to last year. ASSOCHAM has advised to improve the infrastructure, train their faculty, work on industry linkages, spend money on research and knowledge creation, as well as pay their faculty well in order to attract good teachers. Barring graduates from IIM's, the B-schools are losing fast shine of attracting corporate India Inc. for campus recruitment and are increasingly facing their survivals, only 10% of the graduates are actually employable despite the robust demand for MBAs, adds the ASSOCHAM paper. Management education need to be holistic, targeted and customized with aim to remove the gap that exist between industry requirements and academic curriculum. It should focus on positive attitude, industry and corporate awareness, grooming and developing managerial skills.

Dr. R. Murugesan
President, ISTE

Subscription Rates for the Indian Journal of Technical Education

Periodicity : Quarterly

Subscription Rate:

	1 year	2 years	3 years
ISTE Members	Rs.550/-	Rs.1000/-	Rs.1600/-
Institutional Members of ISTE	Rs.750/-	Rs.1400/-	Rs.2000/-
Non-member educational & Research Institutions and other individuals	Rs.900/-	Rs.1750/-	Rs.2500/-
Industry/Govt. Dept./other organisations	Rs.1500/-	Rs.2500/-	Rs.3200/-



PROFILE OF AN ENGINEERING TEACHER

Prof. Gopal Mugeraya

Director, National Institute of Technology, Agartala



Prof.(Dr.) Gopal Mugeraya obtained his B.Tech. and M.Tech. degree in Chemical Engineering from NITK Surathkal and obtained his Ph.D from Indian Institute of Science.(IISc.) Bangalore in the area of Biochemical Engineering/Industrial pollution control. He had been serving as Faculty at NITK Surathkal for the last 29 years. In addition to teaching, he is actively involved in research, consultancy, administrative activities and coordination of technical projects. He has published more than 75

papers in National and International Journals and Conferences and coordinated more than 35 Industry oriented projects at P.G. level and 9 Ph.D in the area of Industrial Pollution Control and Solid Waste Management.

Prof.(Dr.)Gopal Mugeraya, recipient of the prestigious "Hindustan Door-Oliver National Award-2000" by Indian Institute of Chemical Engineers and also " World Environment Day-Parisara award 2001" by Govt. of Karnataka. He was also awarded "Biotechnology Overseas Associate ship Award 2004" by DBT, Govt. of India and undergone advance training during August 2005 to December 2005 at Department of Chemical and Environmental Engineering, University of California, Riverside, USA in the area of Biosensors and Bioremediation. He was deputed to "Asian Institute of Technology, Bangkok (AIT)" by Govt. of India during August 2003 as Visiting Professor in the Department of Environmental Engineering (SERD). He is a life member ISTE, IICChE, IAEM, ECSI and Biosensors and Bioremediation Society of India.

He was an elected member of Academic Council of Mangalore University from Teachers Constituency and served as Chairman of BOE, BOS and various such bodies of many Universities in India. He was selected and nominated as one of the member Indian Delegation by United States-Asia Environmental Programme (USAEP) to prepare and extensive report on Solid Waste Management in USA and Canada during June 1997. He was deputed by Govt. of India to select NRI students to various NITs from various Gulf Countries like Oman, Kuwait, Bahrain. He attended the 19th International Conference on Solid Waste Technology and Management at Philadelphia, USA during March 2004 and presented a theme paper in the Conference.

He was nominated for the International Programme on "Change Management for Human Resources Development in TVET Systems" in March 2007 at Manila, Phillipines. Prof.(Dr.)Gopal Mugeraya, was also the Chief Coordinator of "TIFAC CORE" Industrial Biotechnology", one of the ambitious technical projects of Dr. A.P.J. Abdul Kalam, sponsored by Department of Science and Technology (DST) New Delhi. Dr Mugeraya visited University of Auburn USA, University of Monash Australia for research interaction.

He was also involved with NBA of AICTE, as accreditation expert member for more than fifty Institutions all over India for the last ten years. He is the Chairman of Technical Advisory Committee of Karnataka State Pollution Control Board and also the BoG member nominated by Senate of NITK.

Prof.(Dr.) Mugeraya has the distinction of joining NITK Surathkal as a student during 1977 and has the privilege of serving NITK as Head of the Department, Chief Warden of NITK Hostels, Advisor-I of AICTE, Dean (Academic) NITK Surathkal, and Dean (Student's Welfare), BOG member of NITK, Surathkal. Now he serving as the DIRECTOR National Institute of Technology Agartala.



QUOTE FOR THE MONTH

Before you assume, learn the facts!
Before you judge, understand why!
Before you hurt some one, feel!
Before you speak, think!

WIT AND WISDOM

- If you born poor it is not your mistake, but if you die poor it's your mistake. — Bill Gates
- A meaningful SILENCE is always better than a meaningless WORDS. — Anonymous
- Some people come in your life as blessings. Some come in your life as lessons. — Mother Teresa
- We learn something from everyone who passes through our lives. Some lessons are painful, some are painless. Bul all are priceless. — Anonymous
- Keep away from people who try to be little your ambitions. Small people always do that, but the really great make you feel that you too, can become great. — Mark Twain
- Life is very short, so break your silly egos, forgive quickly, believe slowly, love truly, laugh loudly and never avoid anything that makes you smile. — Anonymous
- Education is the best friend. An educated person is respected everywhere. Education beats the beauty and the youth. — Chanakya
- Practice is not the thing you do once you are good. It is the thing you do that makes you good. — Malcolm Gladwell
- In helping others, we shall help ourselves, for whatever good we give out completes the circle and comes back to us. — Flora Edwards
- The best way to find yourself is to lose yourself in the service of others. — M.K. Gandhi



ACTIVITY FOR THE MONTH

TOPIC FOR DISCUSSION

Faculty Training - Need of the Hour

All the Chapters/Student Chapters may conduct Seminars/Workshops on the above topic and send the recommendations to the Headquarters for the needful.

NEWS FROM ISTE FACULTY CHAPTERS

ANDHRA PRADESH

- **Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada** conducted one day Faculty Training Programme on **Effective Teaching Methodologies** on 26-7-2014. Large number of participants from various institutes were participated in the training programme.



Dignitaries on the dias during the inauguration of Faculty Training Programme.

GUJARAT

- **Darshan Institute of Engineering and Technology, Rajkot** organised two weeks Faculty Development Programme on **Teaching Learning Methodologies** from 31st June to 5th July, 2014. The programme was organised under the guidance of Prof. R.G. Dhamsaniya and the Coordinator Dr. D.D. Vyas.



Faculty and participants during the inauguration of FDP.

- **R.K. University, School of Diploma Studies, Rajkot** conducted Faculty Development Programme on **Bloom's Taxonomy** on 2-8-2014. The objective for the conduct of this FDP was to impart the faculty member with the knowledge and use of taxonomy within their education system.



Resource Person addressing the participants during the programme.

KARNATAKA

- **Siddaganga Institute of Technology, Tumkur** conducted seminar on **Waste Plastic Management** on 14-7-2014. Dr. T. Thippeswamy, Scientist, Central Sericulture Research and Training Institute, Govt. of India, Mysore delivered the inaugural address. Dr. M.N. Channabasappa, Director, SIT Tumkur presided over the function.



Dignitaries during the inauguration of Seminar.

- **Dr. M.V. Shetty Institute of Technology, Moodbidri** organised **Career Guidance Programme** on 12-7-2014. Dr. Muralikrishna, President, Rotary Club and Dr. Hima Urmila, Trustee inaugurated the programme.



Dignitaries during the inauguration of Career Guidance Programme.

MAHARASHTRA & GOA

- **K.C. College of Engineering & Management Studies & Research, Thane** conducted International Conference on **Electronics & Computing Technologies** in association with ISTE, University of Mumbai, IEEE Bombay Section, IJERT and IJCA on 15-3-2014. Dr. Marko Saravanja from South Africa was the Chief Guest and Mr. Munir Sayyad from Reliance Industries delivered the keynote address.



Dignitaries on the dias during the release of conference proceedings.

NEWS FROM ISTE FACULTY CHAPTERS

- **S.B.M. Polytechnic, Mumbai** conducted State Level Technical Quiz Competition **Techtrionics-2014** for the final year students of Diploma in Electrical Engineering and Allied Branches on 22-8-2014. Shri Madhav Oka, Proprietor, ACDM, Mumbai was the Chief Guest and inaugurated the programme.



Quiz Competition prize winners.

- **K.J. Somaiya Institute of Engineering and Information Technology, Mumbai** organised two weeks Summer Internship Programme on **Advanced Robotics and Embedded System** from June 30th to July 9, 2014. The training was provided by ARK Technosolutions Mumbai Pvt. Ltd. Mr. Samir Somaiya, Chairman and Managing Director of Godavari Biorefineries Ltd. and Chairman of the Board of Trustees of Somaiya Vidyavihar and The Somaiya Trust guided the participants to develop their interest in designing various Robots which will help for senior citizens and physically handicapped peoples in the society.



Dignitaries on the dais during the inauguration of Internship Programme.

- **Manoharbhay Patel Institute of Engineering & Technology, Gondia** conducted one week ISTE approved SF-STTP on **Training on Outcome Based Accreditation Process & Parameters** from 23rd to 27th June, 2014.



Dignitaries on the dais during the inauguration of SF-STTP.

- **Ashokrao Mane Group of Institution, Vathar** conducted one day awareness programme on **Outcome Based Education** on 9-8-2014. Dr. S. Subbaraman, WCE, Sangli was the resource person.

TAMILNADU & PONDICHERRY

- **Agni College of Technology, Chennai** organised seminar on **Applications of Mathematics for Engineers** on 18-7-2014. Dr. R. Sivaraman, Founder, Pie Mathematics Association and Associate Professor of Mathematics, Dr. D.G. Vaishnav College, Chennai delivered the seminar.



Dignitaries on the dais during the seminar.

- **Krishnasamy College of Engineering & Technology, Cuddalore**, Dept. of Civil Engineering conducted guest lecture on **Good Construction Techniques** on 28-8-2014.



Dignitaries on the dais during the guest lecture.

- **C.K. College of Engineering & Technology, Cuddalore** conducted two days faculty development programme on **Dynamic and Role Model Teacher** on 2-3 July, 2014 and also conducted special training programme on **Management Skill Enhancement** on 4-7-2014. Dr. Arun V. Parwate, Principal felicitated the function and Sri Bharat Chaugule, Director & NLP Master Practitioner, The Real Success, Namakkal delivered the special address.



Dignitaries on the dais during the Faculty Development Programme.

NEWS FROM ISTE STUDENT CHAPTER

MAHARASHTRA

- **Rajendra Mane College of Engineering and Technology, Ambav** organised 3 days workshop on **Android Apps Development** from 19th to 21st July, 2014. Mr. Anshul Verma and Mr. Mithilesh Pande from GeeksLab Tech., New Delhi were the resource person of the workshop.
- **Tulsiramji Gaikwad-Patil College of Engineering, Nagpur** conducted the **Tree Plantation Activity** on 15-8-2014 to mark the 68th Independence Day. Dr. Sharad Nimbalkar, Ex. Vice Chancellor, P.D.K.V. Akola was the Chief Guest for the function.



Faculty & Students during the Tree Plantation activity.

PUNJAB, CHANDIGARH, H.P. & J&K

- **Swami Vivekanand Institute of Engineering and Technology, Banur** organised one day interdisciplinary seminar on **Lean Manufacturing and Quality Management** on 22-9-2014. Shri Ashwani Kumar Garg, Chairman of the College Trust presided over the function and Shri Ashok Kumar Garg, President of the College Trust presided over the prize distribution ceremony.



Dignitaries on the dais during the seminar.

TAMILNADU & PONDICHERRY

- **E.G.S. Pillay Engineering College, Nagapattinam** conducted two days workshop on **Advanced Java Technology using Eclipse** from 26th to 27th July, 2014. The chapter also conducted the ISTE approved SF-STTP on **FIR and IIR Filter Design using MATLAB** from 6th to 10th August, 2014. Mrs. S. Kanimozhi, Associate Professor, Annai College of Engineering was the resource person for the function. One day seminar on **Mobile and Pervasive Computing** on 2-8-2014 also organised by the chapter.
- **PSNA College of Engineering & Technology, Dindigul** organised a workshop on **Green Computing and Its Challenges** on 20-8-2014. Dr. S. Sivagurunathan, Assistant Professor, Dept. of Computer Science and Applications, Gandhigram Rural Institute, Gandhigram was the resource person for the workshop.

- **EBET Group of Institutions, Kangayam** organised motivational programme on the topic **The Healer with In** on 19-7-2014. The chief guest of the programme was Er. K. Parivallal M.E., CEO, DMW CNC Centre, Perundurai. Dr. P. Govindasamy, Director, EBETI delivered the welcome address.



Dignitaries on the dais during the Motivational Programme.

- **Nandha Engineering College, Erode** organised seminar on **Computational Fluid Dynamics** on 8-8-2014. Dr. M. Easwaramoorthi, Professor and Dean, Dept. of Mechanical Engineering inaugurated the seminar. Mr. V. Frederick Emmanuel, Computational Fluid Dynamic Engineer Analyzer, CAE Solutions Pvt. Ltd., Pune was the resource person. The Chapter also organised industrial seminar on **Modern Productivity Improvement Techniques in Manufacturing** on 14-8-2014. Dr. S. Raj Kumar, General Manager, NS Instruments India Pvt. Ltd., Chennai was the resource person for the seminar.
- **St. Anne's College of Engineering & Technology** organised a guest lecture on **Wireless Communication** on 19-7-2014 by Mrs. Phemina Selvi, Assistant Professor, Anna University, Ariyalur.



Dignitaries on the dais during the guest lecture.

- **Sri Ramakrishna Engineering College, Coimbatore** conducted guest lecture on **The Career Guidance - Higher Studies at Abroad** for the final year students on 30-7-2014. The resource person was Mr. S. Prasanna Krishna, Director, Career Zone Consulting Pvt. Ltd., Coimbatore. Another guest lecture on **Latest Trends in Metal Cutting** was organised for the III year students on 8-8-2014. An Awareness Programme on **Engineering Education for School Students** was also organised for the class twelfth students of Sri Ramakrishna Matriculation Higher Secondary School on 4-8-2014.
- **IFET College of Engineering, Villupuram** organised lecture on **Software Defined Radio** on 5-7-2014. Dr. M. Saravanan, Associate Professor, Dept. of Electronics & Communications Engg. was the key resource person on this occasion. The another lecture on **Cloud Computing** was organised on 7-8-2014. Dr. S. Babu, Associate Professor, Dept. of Computer Science and Engg. was the key resource person on this occasion.

INAUGURATION OF ISTE-SRM SHORT-TERM TRAINING PROGRAMMES

KARNATAKA

- **Bapuji Polytechnic, Davangere** organised one week ISTE-SRM sponsored STTP on **Host Your Own World Wide Web** from 7th to 11th July, 2014. The programme was inaugurated by Dr. S. Basil Gnanappa, Executive Secretary, ISTE. Sri A.C. Jayanna, Treasurer and Chairman Bapuji Polytechnic; Prof. Y. Vrushabhendrappa, Director, BIET & Chairman, ISTE Karnataka Section; Prof. K.S. Veeresh, Principal, Bapuji Polytechnic and Sri M.V. Arun Kumar, Coordinator were present on this occasion.



Dr. S. Basil Gnanappa, Executive Secretary, ISTE delivering the inaugural address.

TAMILNADU & PONDICHERRY

- **SRM University, Dept. of Aeospace Engineering, Kattankulathur** conducted one week ISTE-SRM sponsored STTP on **Challenges in Space Technology** from 23rd to 27th June, 2014. The programme was inaugurated by Dr. C. Muthamizhchelvan, Director (E&T), SRM University. The programme was attended by teachers from engineering colleges from across the country. Prof. M. Ponnaivaiko, Vice Chancellor graced the Validictory Function and distributed the certificates to participants.



Dignitaries during the Inauguration of ISTE-SRM STTP

- **Anna University, Madurai** conducted two weeks ISTE-SRM sponsored Short-Term Training Programme on **Achieving Competitive Strategy in Human Resource Management** during 21st to 27th July, 2014.



Dignitaries during the Inauguration of ISTE-SRM STTP

- **Paavai Engineering College, Pachal, Namakkal** conducted one week ISTE-SRM STTP on **Durability, Assessment and Repair of Concrete Structures** organised by Dept. of Civil Engineering from 14th to 19th July, 2014. Dr. K. Basakar, Associate Professor, Dept. of Civil Engineering, NIT, Trichy was the Chief Guest for the function and delivered the lecture on **Assessment Procedure for Evaluation of Damaged Structures**.



Dignitaries during the Inauguration of ISTE-SRM STTP

INAUGURATION OF ISTE-PTU FDP

PUNJAB, CHANDIGARH, H.P. & J&K

- **Rayat-Bahra Education City, Hoshiarpur** conducted one week ISTE-PTU sponsored FDP on **Recent Trends in Microwave and Radar Engineering** from 7th to 11th July, 2014.



Dignitaries during the Inauguration of ISTE-SRM STTP

NOTIFICATION OF ISTE AWARDS 2014

ISTE is unique in the fact that among the professional Societies in India, it is only the ISTE that gives every year a number of National and Regional Awards to encourage innovation and excellence among teachers and students. All these awards were instituted by various organisations like Universities, Industries, State Governments, Trusts, etc. The Awards will be given to the winners during the **44th Annual National Convention of ISTE** to be held at **College of Engineering, Trivandrum during November 27-29, 2014**.

NOMINATIONS are invited from teachers/students of all Government, Aided and Unaided technical Institutions for the various ISTE AWARDS for the year 2014. Details regarding each award are being sent to institutions and nomination forms also can be had from the website of ISTE "www.isteonline.in". Please contact the Head of Institution for these details.

Last date for the submission of all the nominations is September 30, 2014

A. NATIONAL AWARDS

AWARDS FOR TEACHERS

1. **Anna University National Award** instituted by the Anna University, Chennai for honouring the most outstanding teacher of the year from Degree level institutions in the country.

Eligibility : Teachers (including Principal/Head of Institution) of degree level technical institutions

Award consists of a cash prize of Rs.8,000/-, a medallion and a citation.

2. **U.P. Government National Award** instituted by the U.P. Government during the XVI Annual Convention of the ISTE held at Motilal Nehru Regional Engineering College, Allahabad in 1986. This Award is to honour one Faculty member each from Engineering Colleges and Polytechnics for outstanding work done in a specified area of Engineering and Technology.

Eligibility : Full time teachers (including Principal)

Award consists of a cash prize of Rs.4,000, a medallion and a citation.

3. **ISTE-SGSITS National Award for Best Research Work done by Young Teachers (below 35)** instituted by Shri G.S. Institute of Technology and Science, Indore during the XXII Annual Convention of ISTE held at Indore during December 1992.

Eligibility: Full time teachers (below 35 years of age) of Engineering Colleges

Award consists of cash prize of Rs.6000/-, a medallion and a certificate.

4. **Maharashtra State National Award for the Research work done by teachers of Engg. Colleges** instituted by the Organising Committee of the XVIII Annual Convention of the ISTE held at Pune in December 1988 out of the Savings from the Convention Fund.

Eligibility: Teachers (including Principal/Head of Institution) of Engineering Degree level institutions
Award consists of cash prize of Rs.6000/-, a medallion and a certificate.

5. **Rajarambapu Patil National Award for Promising Engineering Teacher for Creative Work done in Technical Education** instituted by "Rajarambapu Patil Endowment Trust" Rajaramnagar, Sakharale (Maharashtra) to promote creative work among the Engineering College and Polytechnic Teachers.

Eligibility : Full time Engg. College and Polytechnic Teachers

One award is given for Engineering College and one award for Polytechnic teachers. Each award consists of a cash prize of Rs.4,000, a medallion and a citation.

6. **Bharatiya Vidya Bhavan National Award for an Engineering College having Best Overall Performance** instituted by the Bharati Vidya Bhavan, Mumbai to encourage Engineering Colleges to enhance performance with a view to improve the quality and standards of the programmes in Technical Education.

Eligibility : Degree level Engineering Colleges

Award consists of a Plaque and a citation.

8. **Bharatiya Vidya Bhavan National Award for Best Engg. College Principal** instituted by the Bharati Vidya Bhavan, Mumbai to encourage Heads of Engineering Colleges to develop outstanding leadership qualities, institutional development and Management and a commitment to quality and standards in all programmes.

Eligibility : Principals of Degree Level Engg. Colleges

Award consists of cash prize Rs.5,000/-, a medallion and a citation.

9. **ISTE-GSFC National Award for Best M.Tech. Thesis in Mechanical Engineering** instituted by Gujarat State Fertilizers Co. Ltd., Baroda in 1989.

Eligibility : Full time P.G. Students of Engg. Colleges

Award consists of cash prize (Rs.10,000/- I Prize, Rs.6,000/- II Prize), a medallion and a citation.

10. **ISTE-IPCL National Award for Best M.Tech. Thesis in Chemical Engineering** instituted by the Indian Petrochemical Corporation Ltd., Baroda for promoting research work among post-graduate students in Chemical Engineering.

Eligibility : Full time P.G. Students of Engg. Colleges

Award consists of cash prize (Rs.10,000/- I Prize, Rs.6,000/- II Prize), a medallion and a citation.

11. **ISTE-L&T National Award for Best M.Tech. Thesis in Electrical/Electronics Engineering** instituted by Larsen & Toubro Ltd., Bombay to promote post-graduate research in the area of Electrical/Electronics Engg.

Eligibility : Full time P.G. Students of Engg. Colleges

Award consists of cash prize (Rs.10,000/- I Prize, Rs.6,000/- II Prize), a medallion and a citation.

NOTIFICATION OF ISTE AWARDS 2014

- 12. ISTE National Award for Best M.Tech. Thesis in Civil Engineering** instituted by Smt. Saraswathi Bai and Dr. S. Venkoji Rao of Tirupati (Andhra Pradesh) in memory of their late sons Shri S.Sridhar and Shri S. Giridhar to promote research in the area of Civil Engineering at the Post-graduate level.

Eligibility : Full time P.G. Students of Engg. Colleges

Award consists of cash prize (Rs.10,000/- I Prize, Rs.6,000 /- II Prize), a medallion and a citation.

- 13. ISTE National Award for Best M.Tech. Thesis in Agricultural Engineering** instituted by the Organisers of the 28th Annual Convention of ISTE held at Punjab Agricultural University, Ludhiana during November, 1998.

Eligibility : Full time P.G. Students of Engg. Colleges

Award consists of cash prize of Rs.10,000/- for the best thesis, a medallion and a citation.

- 14. Prof. K. Arumugam National Award for Innovative Research (for Engineering College Teachers only)** instituted by the Management of Kumaraguru College of Technology, Coimbatore

Eligibility: Full time teachers (including Principal of Degree Level Technical Institutions.

Award consists of a cash prize of Rs.8,000/-, a medallion and a certificate.

- 15. V.K.M. John National Award for the Best Engineering College Teacher of Kerala State** instituted by M.A. College of Engineering, Kothamangalam.

Eligibility : Full time teachers (including Principal of Degree Level Technical Institutions.

- 16. Shayesta Akhtar Memorial National Award for the Best Women Engineering College Teacher** instituted by Dr. S.M. Ali, ISTE Executive Council Member of Orissa State in the memory of his late elder sister.

Eligibility : Full time teacher (women) (including Principal/Head of Institution) of degree level institutions

Award consists of a cash prize of Rs.5,000/-, a medallion and a citation.

- 17. ISTE-Syed Sajid Ali National Award for outstanding research work in the field of Renewable Energy** instituted by Dr. S.M. Ali, ISTE Executive Council Member of Orissa State in the memory of his late father Sayed Sajid Ali.

Eligibility : Full time faculty members of degree level technical institution (AICTE/UGC approved) and Scientist or Research Scholar from different Universities and Research Organisation approved by Govt. of India.

Award consists of a cash prize of Rs.5,000/-, a medallion and a citation.

- 18. Sri VVR Seshadri Rao, Gudlavalleru Engineering College National Award for the Best Private**

Engineering College instituted by Prof. Pottluri Ravindra Babu, ISTE National Executive Council Member, Andhra Pradesh Section in the memory of his Mentor, Guide, Philosopher and father figure to him Sri Vallurupalli Venkata Rama Seshadri Rao, Father of Gudlavalleru Engineering College, Gudlavalleru, Krishna Dist., A.P.

Eligibility : AICTE approved Private Engineering Colleges conducting undergraduate and post-graduate programmes in Engineering and Technology.

Award consists of a Plaque and a citation.

- 19. ISTE-Ranganathan Engineering College National Award for Best Polytechnic Principal** instituted jointly by Dr. P. Tamilarasi Murugesan, Chairperson Ranganathan Rajeswari Charitable Trust, Coimbatore and Dr. R. Murugesan, President, ISTE .

Award consists of a cash prize, a medallion and a citation.

- 20. ISTE-Stripes of Redeemer National Award for the Best ISTE Chapter Chairman** instituted jointly by Mrs. V.J. Sumaja Kumari, Chairperson, Stripes of Redeemer, Thiruvattar, Kanyakumari Dist. and Dr. S. Basil Gnanappa, Executive Secretary & Programme Director, ISTE.

Award consists of a cash prize, a medallion and a citation.

- 21. ISTE Calcutta Convention National Award** for the best paper presented by teachers at the Annual Convention of ISTE (one for Engineering College teachers and one for Polytechnic teachers), instituted by the Organisers of the 5th Annual Convention of ISTE held at Calcutta.

- 22. ISTE Baroda Chapter Award** for the best paper published in the Indian Journal of Technical Education by teachers (one for Engineering College teachers and one for Polytechnic teachers), instituted by the organisers of the 10th Annual Convention of ISTE held at Baroda.

REGIONAL AWARDS

- 1. Best Engineering College Teacher Award for Punjab State**, instituted by the Organisers of the 28th Annual Convention of ISTE held at PAU, Ludhiana.

Eligibility : Teachers (including Principal/Head of Institution) of degree level institutions

Award consists of a cash prize of Rs.7,000/-, a medallion and a citation.

- 2. Best Engg. College Teacher Award for Maharashtra State**, Instituted by Govt. of Maharashtra.

Eligibility : Teachers (including Principal/Head of Institution) of degree level institutions

Award consists of a cash prize of Rs.3,000/-, a medallion and a citation.

NOTIFICATION OF ISTE AWARDS 2014

- 3. Rajalaxmi Memorial Best Engineering College Teacher Award for Orissa State** instituted by the Orissa Engineering College, Bhubaneswar.
Eligibility : Teachers (including Principal/Head of Institution) of degree level institutions
Award consists of a cash prize of Rs.5,000/-, a medallion and a citation.
- 4. Charutar Vidya Mandal, Vallabh Vidyanagar, Gujarat Award** for the Best Engineering Teacher for Gujarat State.
Eligibility : Teachers (including Principal/Head of Institution) of degree level institutions
Award consists of a cash prize of Rs.5,000/-, a medallion and a citation.
- 5. ISTE-NARSEE MONJEE Award for Polytechnics having Best Overall Development** instituted by the Narsee-Monjee Trust, Mumbai.
Eligibility : Polytechnics in Maharashtra
Award consists of a Plaque and a citation.
- 6. Best Polytechnic Teacher Award (State Level). States covered : Andhra Pradesh, Assam, Bihar, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Punjab and Uttar Pradesh.**
Eligibility : Full time teachers of Polytechnics of respective States
Award consists of a cash prize of Rs.3,000/-, a medallion and a citation.
- 7. Arutchelvar Dr. N. Mahalingam Award for Best Polytechnic Teacher for Tamil Nadu State.**
Eligibility : Full time teachers of Polytechnics in Tamil Nadu State
Award consists of a cash prize of Rs.3,000/-, a medallion and a citation.
- 8. Charutar Vidya Mandal, Vallabh Vidyanagar, Gujarat Award** for the Best Polytechnic Teacher for Gujarat State.
Eligibility : Full time teachers of Polytechnics of Gujarat State
Award consists of a cash prize of Rs.3,000/-, a medallion and a citation.
- 9. Narayan Memorial Best Engineering College Principal Award of Orissa State**
Eligibility : Teachers (including Principal/Head of Institution) of degree level institutions of Orissa State
Award consists of a cash prize, a medallion and a citation.
- 10. Loknath Award for Best Polytechnic Principal of Orissa State** jointly instituted by ISTE Orissa Section and Swami Vivekananda School of Engineering and Technology, Bhubaneswar
Eligibility : Full time Principals in the polytechnics in Orissa and hold qualification as per AICTE Norms.
Award consists of a cash prize, a medallion and a citation.
- 11. Gandhi Award for Best Engineering College of Orissa State** jointly instituted by Gandhi Institute of Engineering and Technology, Gunupur and ISTE Orissa Section.
Eligibility : Engineering Colleges in Orissa State which conduct under-graduate and post-graduate courses in engineering/technology as approved by AICTE (other than IITs)
Award consists of a medallion and a citation.

Please Note : All the nominations should reach ISTE Hqrs., New Delhi positively by **30-09-2014** to the following address:

The Executive Secretary

Indian Society for Technical Education
Shaheed Jeet Singh Marg
Near Katwaria Sarai, New Delhi - 110 016
Phone : 011-26513542, 26963431
Fax : 011-26852421
Email : istedhq@vsnl.net
Website : www.isteonline.in

FORTHCOMING EVENTS

- 1st IEDC International Conference on **Technical Education - Current Scenario & Future Prospects**, 29th - 30th October, 2014, jointly organised by Indian Society for Technical Education and Indian Engineering Deans' Council in collaboration with Punjab Technical University, Kapurthala, Jalandhar (Punjab). For details contact: **The Organising Secretary**. Phone : 09868374699, 09968289276. Email : iedciste@gmail.com.
- 17th ISTE Tamil Nadu & Pondicherry Section Annual Convention for Faculty Members of Engineering Colleges 2014 will be held at National Engineering College, Kovilpatti during 7th & 8th November, 2014. The theme of convention is **Empowering Indian Engineering Education for Global Expectations**. For details contact : **Dr. D. Ravindran**, Phone : 04632-222502. Mobile : 09443257441. Email : nec_iste17conv@nec.edu.in
- 1st International Conference on **Advances in Engineering (SITICAIE-2015)**, January 22-23, 2015, organised by Saffrony Institute of Technology, Mehsana. For details contact: **Dr. Dhruvesh P. Patel**, Conference Chair. Phone : 09408479792, email : siticaie.spbpec@saffrony.ac.in.
- 3rd International Conference on **Advance Trends in Engineering & Technology (ICATET-2014)**, December 22-24, 2014, organised by Dept. of Electrical, Mechanical and Automobile Engineering, Arya College of Engineering & I.T., Jaipur.
- International Conference on **Advancements and Futuristic Trends in Mechanical and Materials Engineering**, October 16-18, 2014, organised by Punjab Technical University, Punjab. For details contact : **Dr. Buta Singh Sidhu**, Convener. Phone: 01822-662549. Email : butasidhu@yahoo.com, deanacad@ptu.ac.in; aftmme.ptu@gmail.com.
- International Conference on **Recent Trends in Electrical, Electronics, Computing and Communication**, December 15-16, 2014, organised by R.M.K. College of Engineering and Technology, Chennai. For details contact : **Dr. C. Arun**, Coordinator. Phone : 044-33303634, 33303555.

INAUGURATION OF ISTE FACULTY AND STUDENTS CHAPTERS

KERALA

- **Muslim Association College of Engineering, Trivandrum** ISTE Faculty Chapter was inaugurated by the Chief Guest Dr. B. Anil, Principal, Government Engineering College, Barton Hill & Chairman ISTE Kerala Section on 7-8-2014. The Guest of Honour was Ms. Nidhi M.B., ISTE Section Managing Committee Member of Keala Section. Dr. S.K. Masud Hossain, Principal was presided over the function.



Dignitaries on the dais during the inauguration of ISTE Faculty Chapter.

MAHARASHTRA & GOA

- **Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur** inaugurated ISTE Faculty Chapter on 26-7-2014. The Chapter was inaugurated by Dr. Vivek Nanoti, ISTE National Executive Council Member for Maharashtra & Goa Section and addressed the faculty members on the topic **Teaching : A Rewarding Carrier**. Dr. G.K. Awari, Principal, Dr. Sandip Gaikwad, Treasurer, VBSS and Prof. Sulbha Patil, Faculty Advisor were present on this



Dr. Vivek Nanoti addressing the participants during the inauguration.

- **Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur** inaugurated ISTE Students Chapter on 21-8-2014. The Chapter was inaugurated by Dr. C.C. Handa, ISTE National Executive Council Member for Maharashtra & Goa Section and delivered lecture on **Goa Setting** to boost the moral of the students.

Only sharp and well focussed photographs with ISTE Logo and Banner in the background shall be considered for publication.

Editor



Chief Guest, Faculty members and students during the inauguration of ISTE Students Chapter.

TAMILNADU & PONDICHERRY

- **Agni College of Technology, Chennai** ISTE Students Chapter was inaugurated on 25-7-2014. Dr. S. Basil Gnanappa, Executive Secretary, ISTE was the Chief Guest and inaugurated the Students Chapter and distributed the membership cards to the students and ISTE Students' Chapter Certificate to Mr. P. Janardhanan Menon, Director, ACT. Dr. S.R.R. Senthilkumar, Principal presided over the function.



Inauguration of ISTE Students Chapter by Dr. S. Basil Gnanappa, Executive Secretary, ISTE.

- **Krishnasamy College of Engineering & Technology, Cuddalore** ISTE Faculty and Students Chapter were inaugurated by Dr. K. Manivannan, Secretary TN&P Section on 4-8-2014. Dr. T. Shanmugavadeivel, Principal delivered the welcome address. Mrs. R. Bhuvaneshwari Anand, Executive Director presided over the function.



Dignitaries during the inauguration of ISTE Faculty and Students Chapter.

Note : ISTE does not assume any responsibility for the information furnished and views expressed by the individuals.

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