# PRESIDENT'S COLUMN

## Re-engineering Polytechnic Education India

The role of education in facilitating social and economic progress has long been recognized. Education is not only an instrument of enhancing efficiency but is also an effective tool of widening and augmenting democratic participation and upgrading the overall quality of individual and societal life. Polytechnic education in particular contributes significantly to its economic development. Most of the polytechnics in the country offer three year generalized diploma courses in conventional disciplines such as Civil, Electrical and Mechanical Engineering. The aim of the polytechnic education is to create a pool of skill based manpower to support shop floor and field operations as a middle level link between technicians and engineers.

India has one of the largest technical manpower in the world. India is a nation of young people, out of a population of above 1.1 billion, 672 million people are in the age group of 15 to 59 years, which is usually treated as the working age population. Government of India has taken steps to upgrade infrastructure of existing diploma level, public funded Polytechnics by (i) providing financial assistance for modern equipment and replacement of obsolete equipment, (ii) providing modern facilities for application of IT in teaching, learning and testing processes and (iii) creating infrastructure facilities as well as introduction of new diploma courses. Selected AICTE approved polytechnics run vocational programs in the local area for community development under the "Community Development Through Polytechnics" (CDTP) scheme, Each Polytechnic runs short-term non-formal skill development programs through 5 -10 extension centers in nearby villages. Each Polytechnic provides training to about 600 persons every year in various skill and employment oriented trades ranging from 3 to 6 months. There is no age and qualification bar for trainees under the scheme and no fees is charged.

The existing infrastructure at all levels needs to be modified and modernized to cater to the need of training skilled manpower in Advanced Technologies in the modern industry. The concepts of Team Based Management, TQM, Quality circles, Bureau of Indian Standards, Indian Standard Institute, ISO 9000 series need to be taught and applied at all levels in Technical Institutions for overall improvement in the quality standards of Indian products and services. This will also ensure optimal utilization of the available scientific and technical manpower. Similarly, efforts should be made to run diploma level courses in existing Engineering Colleges and Certificate level courses in existing Polytechnics if necessary, as per the demand of industry. This will ensure optimum utilization of the infrastructure i.e. building, machinery & equipment and teaching manpower. There is urgent need of developing and having faculty in the emerging areas such as Textile Engineering, Information technology, Plastic Technology, Environment Engineering, Bio Technology, Genetic Engineering, Computer Science and Engineering, Robotics, and so on for which suitable mechanism needs to be set up immediately.

The Scheme of Community Polytechnics should provide for the training of school drop-outs, women and other disadvantaged groups in technical skills for gainful employment and for these training programs, there is no requirement of previous educational qualification. All institutions should endeavor to tie up with reputed high-tech industries nearby to train students for such Industry and market recognized certification. Research and Innovative culture should be promoted in Polytechnic Education System also. R&D and Innovation should become an essential activity of Polytechnics and, as a matter of policy, they must engage themselves especially in taking up Rural problem based Research and Process Improvement. Input to the Polytechnics Education System should not only be from the School system but also include working technical personnel in the Industry. This would mean pre-service and in-service training of Technicians and Technician Engineers to become the dual role of Polytechnics. The course offering in the Polytechnics will have to have a high level of flexibility with multi-point entry and exit.

**Dr. R. Murugesan**
President, ISTE

# 44th ISTE NATIONAL ANNUAL CONVENTION 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. Transforming Technical Education to meet needs of Industry
2. Creating Employable Engineers through Industrial Participation
3. Role of Research and Development in Technical Education
4. Role of Autonomy in Technical Education
5. Role of Accreditation in Enhancing the Quality of Technical Education
6. Importance of Values and Ethics
7. Institutional Social Responsibility
8. Innovation in ICT
9. Tailoring Engineering Education for Defence and Aerospace Research etc.

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.

## 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 author registration (no sepearate delegate registration required) | : 05-11-2014 |
| Last date of delegate registration | : 15-11-2014 |

## Registration Fees

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

All Members have the option to pay online using internet banking, credit or debit card.

However in case you don't prefer to do online registration, you can also register by downloading and filling up the convention registration form and make the payment as demand draft drawn in favour of **ISTE 44th Annual National Convention 2014** payable at Trivandrum. Write your name on the back side of DD.

Delegates may send the filled in registration form, after filling up the demand draft details to:

**Dr. S. Ushakumari**
(Organising Secretary)
ISTE 44th Annual National Convention
Professor in Electrical Engineering
College of Engineering Trivandrum
Engineering College P.O
Thiruvananthapuram, Kerala - 695016
Phone : 09447477655



Dignitaries during the release of Convention Brochure on March 17, 2014.

## PROFILE OF AN ENGINEERING TEACHER

### Prof. R.K. Shevgaonkar
**Director, IIT Delhi**

Dr. R.K. Shevgaonkar received his B.E. degree with Gold Medal in Electrical engineering from Jiwaji University, M.Tech. from IIT Kanpur and PhD. from IIT Bombay. He was a Scientist at Indian Institute of Astrophysics and Raman Research Institute. After doing his Post Doctoral fellowship at University of Maryland, USA, he joined IIT Bombay. He has occupied various positions at IIT Bombay like Dean of Students' Affairs, Dean, Resource Mobilization, Head, Department of Electrical Engineering, Head, Centre for Distance Engineering Education Programme, and Deputy Director. He was the Vice Chancellor of University of Pune and presently he is the Director of IIT Delhi. He has been a Visiting Professor at University of Lincoln, USA, and ETH, Zurich, Switzerland, and ISEP Paris, France.

Dr. Shevgaonkar has been an active researcher in the area of Optical communication, Image processing, Antennas, Microwaves, Radio astronomy etc. He has published more than 150 papers in international journals and conferences, and two books namely Electromagnetic Waves and Transmission lines for Electrical Engineers. He has guided 18 PhDs and more than 30 M.Tech. dissertations. His video and web lectures on Electromagnetics and Fiber optic communication are used worldwide through YouTube.

Dr. Shevgaonkar is recipient of IEEE Undergraduate Teaching award 2011, IETE award for his outstanding contribution to Optical communication, and the 'Excellence in Teaching' award of IIT Bombay. He has received the Education Leadership Award 2012 from Headlines Today, New Delhi. He is also a recipient of VASVIK Award (2009) in the category of Information & Communication Technology and IETE – Ram Lal Wadhwa Award (2013). He is Fellow of IEEE, Fellow of Indian National Academy of Engineering, Fellow of National Academy of Science, India, Fellow of Institution of Electronics and Telecommunication Engineers, Fellow of Optical Society of India, Fellow of Institution of Engineers, Fellow of Maharashtra Academy of Sciences, and Member of International Astronomical Union and Astronomical Society of India. He has been a member of many international and national research and educational committees.

## QUOTE FOR THE MONTH

Most of the problems in life are because of two reasons, we act without thinking or we keep thinking without acting.

— Anonymous

## WIT AND WISDOM

- The happiness of your life depends upon the quality of your thoughts; therefore guard accordingly.

  — Marcus Aurelius

- Every failure brings with it the seed of an equivalent success.

  — Napoleon Hill

- Life is like a game of cards. The hand that is dealt you represents determinism; the way you play it is free will.

  — Jawaharlal Nehru

- Our greatest glory is not in never falling, but in rising every time we fall.

  — Confucius

- Know the true value of time; snatch, seize, and enjoy every moment of it.

  — Lord Chesterfield

- You are today where your thoughts have brought you; you will be tomorrow where your thoughts take you.

  — James Allen

- It is not the man that makes the vision; it is the vision that makes the man.

  — Mahatma Gandhi

- Your hardest times often lead to the greatest moments of your life. Keep the faith. It will all be worth it in the end.

  — Anonymous

- No matter how talented you are, effort will always help you to be more successful.

  — Anonymous

- Hope is like the sun, which, as we journey toward it, casts the shadow of our burden behind us.

  — Samuel Smiles

- Do not follow where the path may lead. Go instead where there is no path and leave a trail.

  — Harold R. McAlindon

- Try not to become a man of success but a man of value.

  — Albert Einstein

## ACTIVITY FOR THE MONTH

### TOPIC FOR DISCUSSION

### Curriculum Development in Polytechnics

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

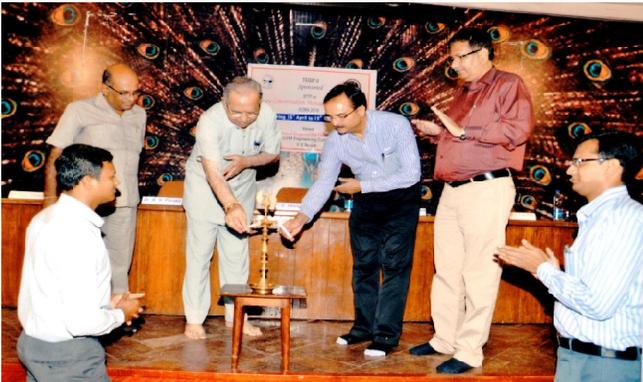# NEWS FROM ISTE FACULTY CHAPTERS

## ANDHRA PRADESH

- **Srinivasa Ramanujan Institute of Technology, Anantapuram** conducted two day National Level workshop on **RTL Design using Verilog and FPGA Synthesis** on 4th & 5th April, 2014.



Expert delivering the lecture during the workshop.

## GUJARAT

- **B.V.M. Engineering College, Anand** organised one week TEQIP-II sponsored and ISTE approved SF-STTP on **Energy Conservation, Management and Audit** during April 15th to 19th, 2014. The programme was inaugurated by the Principal Dr. F.S. Umariger; Prof. Indrajit Patel, Executive Council Member, ISTE; Er. Pandya from GEDA and Dr. B.R. Parekh, HOD Eletrical Engg. Dept. Prof. Yogesh Prajapati and Prof. Alpesh Patel were the coordinators of the STTP.



Dignitaries on the dais during the inauguration of Programme.

- **Vadodara Institute of Engineering, Kotambi** organised four days Short-Term Training Programme on **Recent Technological Innovations in the field of Electrical Engineering** from 2nd to 5th April, 2014.



Dignitaries on the dais during the inauguration of Programme.

- **S.N. Patel Institute of Technology & Research Centre, Umrakh** conducted one day national conference on **Trends & Challenges of Civil Engineering in Today's Transforming World** on 29-3-2014 with the aim of enhancing and enriching the technical knowledge and advancement of Civil Engineering. The Conference was inaugurated by Shri Kashyap J. Patel, Hon. Trustee Vidyabharti Trust.



Dignitaries on the dais during the inauguration of Conference.

## KARNATAKA

- **T. John Institute of Technology, Bangalore** organised 3rd National Conference on **Recent Advances in Technology & Engineering (RATE-2014)** on March 26, 2014. Dr. K. Chidananda Gowda, Former Vice Chancellor, Kuvempu University inaugurated the conference. Dr. Thomas P. John, Chairman; Dr. S. Padmanabha, Principal; Dr. G.P. Prabhukumar, Dean Academics and Dr. Mahesh T.R., HOD CSE, T.John Institute of Technology were also present on this occasion.



Dignitaries on the dais during the inauguration of conference proceedings.

## MAHARASHTRA & GOA

- **MES's College of Engineering, Pune** organised guest lecture on **National Board of Accreditation** on 25-3-2014 by Principal Dr. V.V. Karjinni, Kolhapur Institute of Technology, Kolhapur.



Dr. V.V. Karjinni delivering the lecture.

**MADHYA PRADESH & CG**

- **RKDF Institute of Science & Technology, Bhopal** organised National Conference on **Advancement in Research & Development in Science & Technology (NCARDST-2014)** on 7th & 8th February, 2014. Mr. Deepak Joshi, Minister for Higher Education, M.P. Government and Dr. Appu Kuttan K.K., Director, MANIT, Bhopal inaugurated the conference. Keynote address was delivered by Mr. Ranjan Mimani, Chairman, CII, Indore and Prof. M.D. Kharya, H.S. Gour University, Sagar.



Dignitaries on the dais during the inauguration of Conference.

**TAMIL NADU & PONDICHERRY**

- **Coimbatore Institute of Engineering and Technology, Chennai** organised ISTE sponsored International Conference on **Simulations in Computing Nexus (ICSCN-14)** on 20th & 21st March, 2014. Dr. K.A. Chinnaraju, Director, CIET delivered the presidential address followed by a special address by Dr. N. Nagarajan, Principal, CIET. Dr. Singara Vadivel, Senior Software Application Integration Architect, Avande Inc., USA was the Chief Guest and inaugurated the conference. The guest of honour was Dr. R. Murugesan, President, ISTE. The conference is focused on rational simulations, technical innovations and practical applications realized through a link or a series of links i.e. a NEXUS in the field of Computer Science and Engineering.



Dignitaries during the release of Conference Proceedings.

- **Karpagam Polytechnic College, Coimbatore** organised monthly meeting on 21-4-2014 and organised lecture on **Heat Treatment** by Mr. S. Sakthivel, Lecturer, Dept. of Mech.Engg., Karpagam Polytechnic College.
- **RMK College of Engineering and Technology, Puduvoyal** organised one day workshop on **Voice Disorderless Oral-Aural Transfer of Information in Classrooms** on 23-4-2014. Dr. Prakash Boominathan, Professor, Dept. of Speech Language and Hearing Science, Sree Ramachandra Medical University, Chennai was the Chief Guest and delivered the lecture.

- **Dr. Pauls Engineering College, Villupuram Dist.** organised one day workshop on **Linkedin in Education and Career** on 30-1-2014. Prof. Raghunath Ramaswamy, Founder, Spectrum Consultancy and Mr. Prakash, Co-Chairman, Madras Management Association addressed the gathering. The Chapter also celebrated World Health Day on the theme **Control of Vector Borne Diseases** on 7-4-2014. Dr. Y.R.M. Rao, Principal and Dr. E. Mariappane, Dean presided over the function.



Dignitaries during the inauguration of the workshop.

- **Sona College of Technology, Salem** organised one day workshop on **Mobile Apps Development using Android** on April 16, 2014.
- **Sri Ramakrishna Engineering College, Coimbatore** organised seminar on **Automotive Embedded Systems** for staff and students on 12-3-2014. The resource person was Mr. M. Kathiresh, Assistant Professor, EEE Dept., PSG College of Technology, Coimbatore. The Chapter also organised 3 days workshop on **NBA Outcome Based Accreditation Process** from 3rd to 5th April, 2014. The resource persons were Dr. N. Sathish Kumar, Dr. M. Suresh Kumar and Dr. A. Murugarajan from Sri Ramakrishna Engg. College.
- **RVS College of Engineering and Technology, Coimbatore** Dept. of Science and Humanities organised **CHEMP FEST 2014**. The students from various institutions presented their paper on various topics on Mathematics, Physics and Chemistry. Technical events like Quiz, Puzzle were also conducted during the Fest.
- **IFET College of Engineering, Villupuram Dist.** organised lecture on **Cell Phone Security** on 4-3-2014. Ms. M. Margaret, Associate Professor, Head, Dept. of Electronics and Comm.Engg. was the key resource person of the session.

### Elections to the Executive Council of ISTE, Section Chairmen and Section Managing Committee Members

Elections to the various bodies of ISTE viz. ISTE National Executive Council, Section Chairmen and Section Managing Committees for the term 2015 -2017 will be held during October/November 2014. **Notification in this regard will be issued in the ISTE Newsletter as well as in Official Website of ISTE.** Members already on ISTE Roll and new members who obtain membership till 30-6-2014 shall be eligible to participate in the election.

**(see Clause 9 (iii)(b) and 11 (ii) of ISTE constitution)**

# NEWS FROM ISTE STUDENTS CHAPTERS

## ANDHRA PRADESH

- **Anil Neerukonda Institute of Technology and Sciences, Sangivalasa, Vishakapatnam Dist.** organised two days workshop on **Machines and Controllers** for final & pre-final electrical engg. students on 7th & 8th March, 2014. Dr. G. Raja Rao, Professor & HOD of EE Dept., Prof. R. Govardhana Rao, Director (Admin.) and Prof. P. Mallikarjuna Rao, Dept. of EE, Andhra University have delivered the expert talks during the workshop.



Dignitaries on the dais during the inauguration of workshop.

## KARNATAKA

- **Sir M. Visvesvaraya Institute of Technology, Bangalore** conducted one day Student Development Programme on **Image Processing & Natural user Interfaces using MATLAB & SIMULINK** on 21st & 22nd February, 2014 for UG and PG students.

- **Government Polytechnic, Ramanagara** organised workshop on **Communication Skills** on 21-3-2014. Prof. G.K. Manohar (Retd.) was the resource person and inaugurated the programme. Mr. L. Chandrashekar, Principal presided over the function.



Dignitaries on the dais during the workshop.

- **Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal** organised one day workshop on **Four Stroke Engines and other Systems** for the Mechanical Engineering students on 20-3-2014. Mr. Ashok Kumar was the resource person or the workshop.



Dignitaries alongwith the student participants during the workshop.

- **Government CPC Polytechnic, Mysore** conducted the technical talk on **Computer Networks** on 15-3-2014; **Developments in Automobiles** on 19-3-2014; **E-Commerce** on 21-3-2014 and **Vibrations** on 25-3-2014 for the benefit of the students.

## MAHARASHTRA & GOA

- **V.P.M.'s Polytechnic, Thane** organised a **Blood Donation Camp** for teaching, non-teaching staff and students in collaboration with Samarpan Blood Bank, Sarvodaya Hospital, Mumbai on March 1, 2014.

- **Kavikulguru Institute of Technology & Science, Ramtek** organised one day National Level Technical Fest **INVENIO 2K14 : Enhancing the Spirit of Innovation** on 25-2-2014. The fest was inaugurated by Mr. B. Basu, General Manager, Operation and Maintenance Dept., NTPC, Mauda.

- **Amrutvahini Polytechnic, Sangamner** conducted **Project Competition-2014** on March 7, 2014 to develop the technical and professional skills of students.

- **K.K. Wagh Institute of Engineering & Research, Nashik** organised Poster and Model Competition on the theme **Save Godavari** and Master Student Programme on **How to Become a Successful Engineer** on 11-1-2014. Dr. K.N. Nandurkar, Principal inaugurated the Exhibition.



Dignitaries on the dais during the inauguration of the programme.

## ORISSA

- **Raajdhani Engineering College, Bhubaneswar** conducted three days ISTE Students Leadership Workshop on the theme **Career Opportunities for Engineering Student - Employment and Research** from 21st to 23rd March, 2014. Students from different colleges have participated in the workshop. Two student Trainers Ms. Diksheeta Nair and Ms. Kalaivani from Coimbatore conducted the workshop. The workshop was inaugurated by Mr. Shyam Mohapatra, Centre Head, AABSYS Information Solution, Bhubaneswar in the presence of Dr. Bimal Sarangi, Principal; Prof. G.S. Mishra, Director and Dr. S.C. Panigrahi, Head R&D Dept. In the Valedictory Function Dr. Sarad Chandra Panda, Secretary, REC distributed the certificates to the students.



Dignitaries alongwith the trainers during the inauguration of ISTE Students Leadership Workshop

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

- **Swami Vivekanand Institute of Engineering and Technology, Banur, Dist. Patiala** organised an Inter College Management Fest on 27-3-2014, in which more than 500 students from the region participated in events of Group Discussion, presenting Business Plan, Bulls and Bears, Case Studies, Extempore and a Technical Quiz. Shri Ashwani Garg, Chairman of the College Trust presided over the function. Shri Ashok Garg, President of the Governing Body and Prof. D.S. Hira, Chairman, ISTE Punjab, Chandigarh, H.P. & J&K Section joint them for the prize distribution ceremony.



Dignitaries alongwith the student members of organising committee during the prize distribution ceremony.

- The Students Chapter also organised a motivational lecture on **Engineering Mathematics** on April 7, 2014. Dr. S.K. Tomar, Chairman, Dept. of Mathematics, Punjab University, Chandigarh was the resource person. Prof. D.S. Hira, Chairman, Punjab, Chandigarh, H.P. & J&K Section presided over the programme.



Dr. D.S. Hira honouring Dr. S.K. Tomar during the programme.

- **Guru Nanak Institute of Management and Technology, Ludhiana** organised Inter-College Competition **Successive Hurdle Race-2014** on 12-2-2014. Event comprises of four rounds on case discussion, group discussion, mock interview and final interview.

## TAMILNADU & PONDICHERRY

- **Velammal Institute of Technology, Panchetti** organised **Physical Science Activities** on March 11, 2014 by Prof. T.S. Natarajan, IIT Madras for the benefit of first year B.E./B.Tech. Students.
- **Sri Ramakrishna Engineering College, Chennai** conducted one day workshop on **Big Data Analysis** in collaboration with EMC Corporation, Bangalore on 21-3-2014. The resource person for the workshop was Mr. Navjot Singh, Programme Manager, EMC Academic Alliance at EMC Corporation, New Delhi.

- **Er. Perumal Manimekalai College of Engineering, Hosur** conduted guest lecture on **Control Systems** for EEE and ECE Students on 1-3-2014. Dr. I. Thangaraju, Assistant Professor, EEE Dept., GCE, Bargur was the resource person. The Chapter also organised two days Matlab Training for third year EEE and ECE students on 13-3-2014.



Students during the Matlab Training with the resource persons.

- **Dr. Sivanthi Aditanar College of Engineering, Tiruchendur** organised a guest lecture on **Inside Mobile Technology** on 25-2-2014. Dr. A. Beno, Assistant Professor, Dept. of Electronics & Comm.Engg. delivered the lecture. Another lecture on **Distributed Database** by Mr. T. Saravanakumar, Assistant Professor, Dept. of Information Technology, Dr.SACoE on 27-2-2014.
- **Erode Sengunthar Engineering College, Erode** knowledge sharing sessions on **Soil Pollution and its Control** on 14-2-2014; **Forecasting and Precaution of Earthquake** on 21-2-2014; **Importance of Nutrients** on 28-2-2014; **Role of Teachers and Students in the Institution** on 14-3-2014 and **3 D Reconstruction** on 21-3-2014. The Chapter also organised guest lecture on **Investors Awareness Programme** on 7-3-2014.
- **Bannari Amman Institute of Technology, Sathyamangalam** organised lectures on **Issues in Manufacuturing Industries** and 7-2-2014 and **Automative Electronics** on 15-2-2014. The chapter also organised Motivational Programme for the first year students on 10-2-2014.
- **Paavai Engineering College, Namakkal** organised guest lecture on **Cloud Computing** on 1-3-2014 by Dr. G. Sudha Sadasivam, Professor, Dept. of Computer Science and Engineering, PSG College of Technology, Coimbatore.

## 17th ISTE Students Annual National Convention 2014

The 17th ISTE Students Annual National Convention will be held at **V.V.P. Engineering College, Rajkot (Gujarat)** during **10th & 11th October, 2014.** The theme of the Convention is **Sustainable Development through Innovative Technologies**. In addition to the National Seminar on the theme of the Convention, a large number of other technical activities will be planned for the students to exhibit their competencies. The details will be intimated to all ISTE Members through ISTE Website and Newsletter as well.

# SELECTED LIST OF ISTE-SRM SHORT-TERM TRAINING PROGRAMMES

## NOTIFICATION

- ISTE-SRM Short-Term Training programmes are sponsored by SRM University, Chennai with grand-in-aid of Rs.1 lakh per programme for a period of one week for the academic year 2013-2014 and organised through ISTE.

- For any information regarding the date of the programme and other details, please contact the respective coordinator of the programme.

- Course title, name and address of Coordinator are given below.

### COLLEGE PROGRAMMES

### Architecture

1   **Energy Simulation of Buildings**
    (2-6-2014 to 6-6-2014)
    Dr.R.Shanthi Priya, Prof. Architecture
    Thiagarajar College of Engineering
    Dept. of Architecture, Madurai - 625015, Tamilnadu
    Phone :0452-2482240; E-mail.:rsparch@tce.edu

### Biomedical

2   **Soft Computing Techniques for Clinical Decision Making**
    (7-7-2014 to 13-7-2014)
    Dr.K.Bommanna Raja
    Prof. & Head,Biomedical Engg.
    PSNA College of Engg. & Technology
    Dindigul - 624622, Tamilnadu
    Phone :0451-2554032
    E-mail.:hodbio@psnacet.edu.in

### Chemical

3   **Recent Advances in Hydrocarbon Engineering**
    Dr.M.K. Jha
    Prof. Dept. of Chemical Engg.
    Dr.B.R.Ambedkar National Institute of Technology
    G.T. Road, By Pass, Jalandhar - 144011, Punjab
    Phone :0181-2690301
    E-mail.:ihamkin@niti.ac.in

### Computer Science

4   **Securing Applications, Devices and networks**
    Mr.K.C. Ravi Kumar,
    Asso. Prof. CSE Dept.
    Sridevi Women's Engineering College
    VN Pally,Near Wipro Gopanpally,
    Hyderabad - 500075, Andhra Pradesh
    Phone :08413-234333
    E-mail.:kcravikumar1971@gmail.com

5   **Recent Trends in Data Mining and Research Frontiers**
    Dr. S. Phani Kumar, Prof. & Head,CSE Dept.
    Gitam Univesity,Hyderabad Campus,
    Rudraram Village, Patancheru Mandal,
    Medak (Dist.) - 502329, Andhra Pradesh
    Phone :084-55220063
    E-mail.:phanikumar.s@gitam.edu.

6   **Recent Advances in Software Engineering**
    (16-6-2014 to 27-6-2014)
    Dr. Smita Selot, Prof. Computer Application
    Shri Shankaracharya Group of Institutions
    Faculty of Engg. & Technology,
    Junwani, Bhilai, - 490026, Madhya Pradesh
    Phone :0788-2291605
    E-mail.:sselot@sify.com

7   **Advances in Algorithms, Data Mining & Pervasive Computing**
    (2-6-2014 to 6-6-2014)
    Prof.Parul Bhanarkar, Asst.Prof. & HOD, CSE
    Abha Gaikwad-Patil College of Engineering,
    Nagpur - 441108, Maharashtra
    Phone :0712-6648152
    E-mail.:parulbhanarkar@gmail.com

8   **Mobile Apps Development Using Android and IOS**
    Dr.N.Saravana Selvam
    Prof. & Head, CSE Dept.
    Sri Eshwar College of Engineering
    Kondampatti Post, Vadasithur (via),
    Kinathukadavu, Coimbatore - 641202, Tamilnadu
    Phone :04259-200300
    E-mail.:n.saravanaselvam@gmail.com

9   **High Speed Networks**
    (9-6-2014 to 16-6-2014)
    Dr.B.Paramasivan
    Prof. & Head, CSE.
    National Engineering College
    K.R.Nagar, Kovilpatti,
    Thoothukudi Dist. - 628503, Tamilnadu
    Phone :04632-222502
    E-mail.:bparamasivan@yahoo.co.in

10  **Virtualisation Technology using VMWARE**
    (19.05.2014 to 24.05.2014)
    Dr. R.P.Mahapatra
    Professor Dept. CSE
    S.R.M. University, NCR Campus
    Modinagar, Ghaziabad - 201204, Uttar Pradesh
    Phone :01232-234301-10
    E-mail.:hod.cse.@ncr.srmuniv.ac.in

### Civil

11  **Recent Advances in Concrete Technology & Sustainable Concrete Construction Practice**
    (19.05.2013 to 23.05.2014)
    Prof.(Dr.) Indrajit N.Patel, Prof. Structural Engg.
    Birla Vishwakarma Mahavidhyalaya
    Vallabh Vidyanagar, Dist. Anand - 388120, Gujarat
    Phone :02692-230104
    E-mail.:inpatel34gmail.com

12  **Forensic in Civil Engineering and Its Fundamentals**
    (21-7-2014 to 26-7-2014)
    Dr. A.V. Pradeep Kumar
    Prof. & Head, Civil Engg.
    Jawaharlal Nehru National College of Engineering
    Navule, Shimoga - 577204, Karnataka
    Phone :08182-270450
    E-mail.:pradeepavku@yahoo.co.uk

# SELECTED LIST OF ISTE-SRM SHORT-TERM TRAINING PROGRAMMES

13 **Water Management (Conservation, Harvesting, Artificial Recharge & Modeling in Coastal Zones)**
(21-7-2014 to 26-7-2014)
Dr.Sandeep J Nayak,  Prof. Civil Engg.
Dr. M.V. Shetty Institute of Technology
Post Mijar, Moodbidri,Mangalore - 574225, Karnataka
Phone :08258-262713
E-mail.:sandeejn@yahoo.co.in

14 **Durability,Assessment and Repair of Concrete Structures**
(14-7-2014 to 19-7-2014)
P.Kalimuthu, Asst. Prof. Civil Engg.
Paavai Engineering College
NH-7, Pachal (PO), Namakkal - 637018, Tamilnadu
Phone :04286-243058
E-mail.:peccivilhod@paavai.edu.in

## Electronics

15 **Hands on Experience in Signal Processing Using MATLAB/ Simulink & Their Implementation**
(23-6-2014 to 29-6-2014)
Dr.Vijay Nehra,  Asso.Prof. ECE Dept.
Bhagat Phool Singh Mahila Vishwavidlaya
Dept. of Electronics & Communication
Khanpur Kalan (Sonipat) - 131303, Haryana
Phone :01263-283135
E-mail.:nehra_vijay@yahoo.com

16 **Embedded & VLSI Systems**
(2-6-2014 to 7-6-2014)
Mr. Chavan M.N., Lecturer, E & TC
PVP  Institute of Technology
Budhgaon,  Dist. Sangli - 416304, Maharashtra
Phone :0233-2366317,
E-mail.:gmanoichavan@gmail.com

17 **Advanced Trends in Video Engineering**
(7-4-2014 to 11-4-2014)
Mrs. S.P. Kurlekar, Asst. Prof.ETE Dept
Sharad Institute of Technology College of Engineering
Dist. Kolhapur - 416121, Maharashtra
Phone :02322-252796
E-mail.:contact@sitcoe.org

18 **Emerging Challenges for Technocrats in Digital Signal Processing**
(2-6-2014 to 7-6-2014)
Dr.Bairagi Vinayak K., Asso. Prof. Dept. of E & TC
AISSMS's Institute of Information Technology
Kennedy Road,Pune - 411001, Maharashtra
Phone :020-26057983
E-mail.:vbairagi@yahoo.co.in

19 **Practical Applications of Embedded System & VLSI Design**
(16-6-2014 to 21-6-2014)
Mahesh Kumar Porwal, Asso. Prof. ECE Dept.
Shrinathji Institute of Technology & Engineering
Dist. Rajsamand - 313301, Rajasthan
Phone :02953-234738
E-mail.:porwal15@yahoo.com

20 **Real Time Control using Digital Signal Processors**
(19-5-2014 to 23-5-2014)
Dr.R.Vinodha, Asso.Prof. E.I.Engg. Dept.
Annamalai University,
Dept. of Electronics and Instrumentation Engg.
Annamalai Nagar, - 608002, Tamilnadu
Phone :04144-238248
E-mail.:vinodhacdm@yahoo.com

21 **Recent Research Issue in Wireless Sensor Network**
(4-8-2014 to  8-8-2014)
Dr. S. Malarvizhi, Prof. Dept. of ECE
S R M University, Dept. of EEE
S.R.M. Nagar, Kattankulathur,
Kancheepuram Dist. - 603203,  Tamilnadu
Phone :044-27452270
E-mail.:malarvizhi.g@ktr.srmuniv.ac.in

## Electrical

22 **Power System Control Using Power Electronics**
(16-6-2014 to 21-6-2014)
Dr.Praveen R.P.,  Asso.Prof. & HOD, EEE
Jyothi Engineering College
Thrissur - 679531, Kerala
Phone :04884-274198
E-mail.:praveen@jecc.ac.in

23 **Advanced Control System Design & Applications**
Manju G. , Asst. Prof. EEE
(9-6-2014 to 14-6-2014)
Mar Baselios College of Engg. & Technology
Thiruvananthapuram - 695015, Kerala
Phone :0471-2545868
E-mail.:manju.g20@gmail.com

24 **Soft Computing Techniques and Power System Operation and Control**
Dr.J.Baskaran, Prof. EEE Dept.
Adhiparasakthi Engineering College
Melmaruvathur, Kancheepuram Dist. - 603319, TN
Phone :044-27529247,09944015866
E-mail.:baski11@gmail.com

25 **Advancement in the Design and Control of Electric Machines**
Dr. Sibamay Dasgupta, Principal
Calcutta Institute of Engg. and Management
24/1A, Chandi Ghosh Road, Tollygunoje,
Kolkata - 700040, West Bengal
Phone :033-2421995
E-mail.:ashokekumarbasu@gmail.com

26 **Power Systems Operation and Control**
(12-5-2014 to 17-5-2014)
Dr.K. Elango, Prof.& Head, EEE Dept.
Valliammai Engineering College
S.R.M. Nagar,Kattankulathur
Kancheepuram Dist. - 603203, Tamilnadu
Phone :044-27454784
E-mail.:drkelango@yahoo.com

## Information Technology

27 **Trends in Security Issues of Computer Networks and Web Mining**
(4-6-2014 to 8-6-2014)
Mrs. Geeta R.Bharamgoudar, HOD-IT
GMR Institute of Technology,
GMR Nagar,Rajam, Srikakulam Dist. - 532127, AP
Phone :08941-251593,
E-mail.:hod_scit@gmrit.ord

# SELECTED LIST OF ISTE-SRM SHORT-TERM TRAINING PROGRAMMES

28 **Advance Web Programming with Cloud Computing**
Nikhilesh Ram Joshi, Asst. Prof. I.T. Dept.
Thadomal Shahani Engineering College
Bandra (W),Mumbai - 400050, Maharashtra
Phone :022-26495808
E-mail.:nikhilesh.joshi@tsec.edu

29 **Mobile and Pervasive Computing**
(23-6-2014 to 28-6-2014)
A.Vijayakumar,
Asso. Prof. & Hod,I.T.
Jerusalem College of Engineering
Valacherry Main Road, Narayanpuram,
Pallikaranai, Chennai - 600100, Tamilnadu
Phone :044-22461404
E-mail.:kaniporiyalan@yahoo.co.in

30 **Big Data Analytics and its Applications**
(5-5-2014 to 10-5-2014)
Dr.P.Meenakshi Devi
Prof. & Head, I.T.
K.S.R. Institute for Engg. & Technology
KSR Kalvi Nagar, Tiruchengode,
Namakkal Dist. - 637215, Tamilnadu
Phone :04288-274773,
E-mail.:drpmeenakshidevi@gmail.com

31 **Big Data Analytics**
(2-6-2014 to 8-6-2014)
Dr.K.Kathiravan, Prof. & Head, I.T.
Easwari Engineering College
Bharathi Salai, Ramapuram,
Chennai - 600089, Tamilnadu
Phone :044-22490853
E-mail.:kathirraji@gmail.com

## Mechanical

32 **Mechatronics**
(5-5-2014 to 10-5-2014)
Dr.P.Venkataraman, Prof. Mech. Engg.
Mahatma Gandhi Institute of Technology
Gandipet, Hyderabad - 500075, Andhra Pradesh
Phone :098480-25631,040-24193057
E-mail.:pvramana@mgit.ac.in

33 **Six Sigma Tools and Applications**
Dr.Vinay Sharma, Prof. Production Engg.
Birla Institute of Technology
Mesra, Ranchi - 835215, Bihar
Phone :0651-2275444
E-mail.:vinay@bitmesra.ac.in

34 **Computational Fluid Dynamics (CFD)**
(9-6-2014 to 14-6-2014)
Prof.S.N.Topannavar, Asst. Prof. Mech. Engg.
Hirasugar Institute of Technology
Dist.: Belgaum - 591236, Karnataka
Phone :08333-278887
E-mail.:sntopannavar.mech@hsit.ac.in

35 **Mechanics of Fibrous Composites**
(23-6-2014 to 27-6-2014)
Dr. Sandeep S. Ahankari, Prof.& HOD, Mech. Engg.
A.D. College of Engineering & Technology
Ashta, Dist. Sangli - 416301, Maharashtra
Phone :02342-241117,241107
E-mail.:asandeeps@gmail.com

36 **Computer Aided Design:Theory & Practice**
(23-6-2014 to 28-6-2014)
Mr.Sunil J Rajpal, Asso.Prof. Mech. Engg.
B.N. College of Engineering
Pusad, Yavatmal Dist. - 445215, Maharashtra
Phone :07233-245229
E-mail.:sjrajpal69@rediffmail.com

37 **Design of Machatronics System (Design of Mechanical,hydraulic and pneumatic system)**
(9-6-2014 to 14-6-2014)
Dr.G.K. Awari, Principal & Prof.
TGP College of Engineering and Technology
Nagpur - 441108, Maharashtra
Phone :09922966173
E-mail.:principal@tgpcet.com

38 **Advancement in Welding Processes and Inspection Techniques**
(2-6-2014 to 6-6-2014)
Mr.G.Kanmani, Asst.Prof. Mech. Engg.
Achariya College of Engineering Technology
Puducherry - 605110, Tamilnadu
Phone :0413-2660164
E-mail.:gvmani.engr@gmail.com

39 **Intelligent Optimization Techniques in Engineering Sciences**
(15-5-2014 to 17-5-2014)
V.C. Uvaraja, Asso.Prof. Mech. Engg.
Bannari Amman Institue of Technology
Sathyamangalam, Erode (Dt.) - 638401, Tamilnadu
Phone :04295-226000/221289
E-mail.:c_uva@rediffmail.com

40 **Advances in Refrigeration, Air Conditioning and Cryogenics**
(31-3-2014 to 6-4-2014)
Saurabh Gupta, Asst. Prof. Mech. Engg.
Anand Engineering College
Agra - 282007, Uttar Pradesh
Phone :05613-272026
E-mail.:sguptaaec@gmail.com

## Management

41 **Trends & Issues in Project Management**
(26-5-2014 to 30-5-2014)
Dr.N.Suresh,Director
Dayananda Sagar College of Arts, Sci. & Commerce
Bangalore - 560078, Karnataka
Phone :080-42161764/1460
E-mail.:drnsuresh@gmail.com

42 **Achieving Competitive Stretegy in Human Resource Mangement**
Prof. (Dr.) C. Swarnalatha, Prof. Management
Anna University, Regional Office - Madurai
Alagar Koil Road, Madurai - 625002, Tamilnadu
Phone :0452-2555502; E-mail.:swarna@autmdu.ac.in

## Others

43 **Enhancing Communication Skills for Research in Technical Education**
(12-5-2014 to 17-5-2014)
Prof. Chirag B. Patel
Asst. Prof.Humanities & General Sci.
Laljibhai Chaturbhai Institute of Technology

# SELECTED LIST OF ISTE-SRM SHORT-TERM TRAINING PROGRAMMES

Tal:Visnagar Dist. Mehsana - 384120, Gujarat
Phone :02765-287145
E-mail.:chirag.b.patel@lcit.org

44 **Emerging Trends in Physics Pedagogy & Research**
 (7-4-2014 to 11-4-2014)
Dr.Manish Tiwari; Asst.Prof.Physics
RSR Rungta College of Engg. & Technology
Kurud, Bhilai - 490024, Madhya Pradesh
Phone :0788-6459564
E-mail.:manistiwari14@gmail.com

45 **Recent Advances in Smart Materials**
(26-5-2014 to 31-5-2014)
Dr.Manas Ranjan Senapati, Asso. Prof.Chemistry
Trident Academy of Technology
Infocity, Bhubaneswar - 751024, Odisha
Phone :0674-6542531
E-mail.:dr_senapati@yahoo.com

46 **Challenges in Space Technology**
(23-6-2014 to 28-6-2014)
Dr.L.R.Ganapathy Subramanian
Prof. Aerospace Engg.
S R M University, Dept. of Aerospace Engg.
SRM Nagar, Kattankulathur,
Kancheepuram Dist. - 603203, Tamilnadu
Phone :044-27417100
E-mail.:ganapathy.l@ktr.srmuniv.ac.in

### POLYTECHNIC PROGRAMMES

### Others

47 **Speech & Video Processing**
Dr.Amita Dev, Principal
Bhai Parmanand Institute of Business Studies
Shakarpur - 110092, Delhi
Phone :011-22543891
E-mail.:amita_dev@hotmail.com

### Computer Science

48 **Host your own world wide web**
M.V.Arun Kumar, HOD, CSE
Bapuji Polytechnic
Davangere - 577004, Karnataka
Phone :08192-262528
E-mail.:mvabps@gmail.com

### Information Technology

49 **Hands on Image Processing**
(24-6-2014 to 26-6-2014)
Ms. Alange Neeta Sangappa, I/c Head I.T. Dept
Shri Siddheswar Women's Polytechnic
Solapur - 413002, Maharashtra
Phone :0217-2727878
E-mail.:neetaalange@gmail.com

### Electrical

50 **Conservation of Electrical Energy**
Er. K. Sourirajan, Principal
Theni Kammavar Sangam Polytechnic college
Koduvilarpatti, Petti, - 625534, Tamilnadu
Phone :04546-250842
E-mail.:mksrajan2k6@yahoo.co.in

# NEWS FROM ISTE SECTION

**ORISSA**

- **ISTE Orissa Section** organised Principal/Chairman & Secretary Meet of ISTE Chapters of Odisha and one day workshop on **Present Trends of Professional Education System in Odisha Need for Reformation**. The workshop was inaugurated by Padmabhusan Prof. Trilochan Pradhan. Dr. Bimal Sarangi, Chairman and Dr. Manas Ranjan Senapati, Secretary ISTE Orissa Section also present on this occasion.



Dignitaries during the Meet of Principal/Chairman & Secretary of ISTE Chapter of Odisha

- An Inter College Project Competition (Model Based) - cum National Workshop on **Innovations in Technology for Rural India (NWITRI-2014)** was organised in association with ISTE Odisha Section at College of Engineering, Bhubaneswar on 22-2-2014.



Dignitaries on the dais during the seminar-cum-workshop.

## THESES OF THE MONTH

(Topic, investigator and guide are given)

- **Radiation and Chemical Reaction Effects on Unsteady MHD Flow Past a Vertical Porous Plate** (Ph.D.)
RAJASEKHAR KANDI (LM-6022)
Research Scholar, Guntur
**Prof. B.D.C.N. Prasad**
Professor and Head, Dept. of Computer Applications
PVP Institute of Engineering and Technology, Kanur, AP

- **Performance Evaluation of Flexible Pavement Laid Over Stablized Sandy Subgrade** (Ph.D.)
MOHAMMAD ALI, Associate Professor
Civil Engineering Dept.
National Institute of Technology, Warangal

# SELECTED LIST OF ISTE-PTU FACULTY DEVELOPMENT PROGRAMMES

## NOTIFICATION

- ISTE-PTU Faculty Development Programmes are sponsored by Punjab Technical University, Jalandhar with grand-in-aid of Rs.1 lakh per programme for a period of one week for the academic year 2013-2014 and organised through ISTE.

- For any information regarding the date of the programme and other details, please contact the respective coordinator of the programme.

- Course title, name and address of Coordinator are given below.

### Biomedical

1   **Recent Trends in Biomedical Engineering**
    (25-8-2014 to 29-8-2014)
    Dr. Hariharan S.,
    Asso. Prof. Elect. Engg.
    College of Engineering
    Trivandrum - 695016, Kerala
    Phone :0471-2515502
    E-mail.:harikerala2001@yahoo.com

2   **Recent Trends and Development in Bio-Medical Engineering**
    Dr. Jayanand A., Prof. CSE Dept.
    Maria College of Engg. & Technology
    Attoor, Near Marthandam,
    Thiruvattar (PO), - 629177, Tamilnadu
    Phone :04651-282588
    E-mail.:jayanand_a@rediffmail.com

### Civil

3   **Outcome Based Education Design, Delivery and Assessment**
    (23-6-2014 to 27-6-2014)
    Dr. Mrs. S.S. Kulkarni
    Prof. & Director, Civil Engg.
    Rajarambapu Institute of Technology
    Dist. Sangli - 415414, Maharashtra
    Phone :02342-220329
    E-mail.:sushma.kulkarni@ritindia.edu

### Computer Science

4   **Big Data Analytics with Data Mining - New Opprotunities and Challenges**
    (5-8-2014 to 9-8-2014)
    Dr. T. Ramkumar, Prof. CSE Dept.
    A.V.C. College of Engineering
    Mayiladuthurai, Mannampandal,
    Nagapattinam Dist. - 609305, Tamilnadu
    Phone :04364-227202
    E-mail.:ramooad@yahoo.com

5   **Wavelets and Applications**
    (9-6-2014 to 13-6-2014)
    Dr. M.S. Shirdhonkar, Asso. Prof.  CSE
    BLDES's V.P. Dr. P.G.H. College of Engg.& Technology
    Ashram Road, Bijapur - 586103, Karnataka
    Phone :08352-261120
    E-mail.:ms-shirdhonkar@rediffmail.com

6   **Apache Hadoop and big Data Technologies**
    (23-6-2014 to 27-6-2014)
    Dr. S.V. Sudha, Asso. Prof., CSE
    Dr. N.G.P. Institute of Technology
    Kalapatti Road, Coimbatore - 641048, Tamilnadu
    Phone :0422-2369105,
    E-mail.:svsudha@rediffmail.com

7   **Green Computing for Improving Energy Efficiency**
    (23-6-2014 to 27-6-2014)
    Dr. S. Chitra, Principal
    Er. Perumal Manimekali College of Engineering
    17th Km Hosur-Krishnagiri Highways, Koneripalli,
    Hosur - 635173, Tamilnadu
    Phone :04344-257243
    E-mail.:schitra3@gmail.com

8   **Digital Image Processing using MATLAB**
    (15-9-2014 to 19-9-2014)
    Dr. Sanjay Singla
    Prof. & Head, CSE Dept.
    IET Bhaddal Technical Campus
    Bhaddal Institutes Ropar, P.O., Mianpur,
    Dist. Ropar - 140108, Punjab
    Phone :01881-244777,244606
    E-mail.:hodcse@ietbhaddal.edu.in

9   **Networking and Soft Computing**
    Dr.(Mrs.) Poonam Sharma
    Asst. Prof. Applied Science
    North West Group of Institutions
    V.P.O. Dhudike, Tehsil & Dist. Moga - 142053, Punjab
    Phone :01636-264557,09888541013
    E-mail.:poonam_as@northwest.ac.in

10  **Emerging Computer Trends and Technologies in Industries**
    (15-6-2014 to 19-6-2014)
    Mr. Anuj Kumar Gupta, HoD, CSE
    RIMT-Institute of Engineering & Technology
    Sirhind Side, NH-1, Ambala-Ludhiana,
    Mandi Gobindgarh - 147301, Punjab
    Phone :01765-523156,
    E-mail.:anujgupta@rimt.ac.in

11  **Application of Soft Computing methodologies for innovations in Electricity markets**
    (2-6-2014 to 6-6-2014)
    Mrs. B. Ramapriya, Asst.Prof. EEE
    S R M University,Faculty of Engg. & Tech.
    Bharathi Salai,Ramapuram Campus,
    Kancheepuram - 600089,  Tamilnadu
    Phone :044-43923042,
    E-mail.:rampriyame@gmail.com

12  **Emerging Trends in Networking Technologies & Information Security**
    (7-7-2014 to 11-7-2014)
    Prof.Meenakshi Sharma, Asso. Prof.& Head, CSE
    Sri Sai College of Engg. & Technology
    Badhani, Pathankot - 145001, Punjab
    Phone :01870-250602
    E-mail.:hod.csebadhani@srisaigroup.in

# SELECTED LIST OF ISTE-PTU FACULTY DEVELOPMENT PROGRAMMES

13 **Soft Computing Based Model Identification**
(7-7-2014 to 11-7-2014)
Dr. Shakti Kumar,Director
Surya Educational & Charitable Trust Group
NH-1, Bapror, Teh: Rajpura
Dist. Patiala - 140401, Punjab
Phone :01762-666000
E-mail.:Shakti@suryaworld.edu.in

14 **Emerging Trends in Software Engineering**
Dr. Sumesh Sood, Asst. Prof. CSE
Swami Satyanand College of Mgt. & Technology
A-Block, Guru Amardas Avenue, Airport Road,
Amritsar - 143005, Punjab
Phone :0183-2590716
E-mail.:sumesh64@gmail.com

15 **Cyber Crime and Security**
(5-5-2014 to 9-5-2014)
Prof.(Ms.) Roshani B. Talmale
Asst. Prof. CSE Dept.
Tulsiramji Gaikwad-Patil College of Engg. & Technoloy
Nagpur - 441108, Maharashtra
E-mail.:hod.csed.tgpcet@gmail.com

16 **Recent Trends in Computer Vision & Robotics**
(24-6-2014 to 28-6-2014)
G. Ramesh Chandra
Prof.& Head, CSE Dept
VNR Vignana Jyothi Institute of Engg.& Technology
Hyderabad - 500090, Andhra Pradesh
Phone :040-23042758/59
E-mail.:rameshchandra_g@vnrvjiet.in

## Electrical

17 **Recent Trends of Electric Derives of Control**
Bikash Patel, Asst. Prof.Electrical Engg.
Kalyani Govt. Engg.College
Kalyani, Nadia - 741235, West Bengal
Phone :033-25821309
E-mail.:biks.ee@gmail.com

18 **Intelligent Systems Applications in Power Systems**
(7-7-2014 to 11-7-2014)
Dr. D.P. Kothari, Prof. Director(Research)
MVSR Engineering College
Nadergul, Hyderabad - 501510, Andhra Pradesh
Phone :08415-245173
E-mail.:dpk0710@yahoo.com

19 **Recent Advances in Renewable Energy and its Application including Automobile Industries**
(5-5-2014 to 9-5-2014)
Dr. Dilip R. Pangavhane, Director
Prestige Institute of Engg. & Science
Indore - 452010, Madhya Pradesh
Phone :0731-4013333; E-mail.:director@pies.ac.in

## Electronics

20 **Advancements in Communication Systems (AICS-14)**
Dr. Jashandeep Singh, Vice Principal
Bahra Group of Institutes
NH-64, Patiala - Sangrur Highway,
Vill. Bhedpura, Patiala - 147001, Punjab
Phone :+91-1753063105,101
E-mail.:jashanjb@gmail.com

21 **Advanced Embedded System & VLSI Design & Its Applications**
(16-6-2014 to 20-6-2014)
Sajjan Singh, Asst. Prof.ECE Dept
BRCM College of Engg.& Technology
Bahal,Bhiwani - 127028, Haryana
Phone :01255-265101-04
E-mail.:sajjantech@gmail.com

22 **Emerging Trends & Physics in Nano Electronics & Nano Materials Design**
(28-4-2014 to 2-5-2014)
Dr.Vijay Kr. Lamba, Prof. ECE Dept.
Global College of Engineering & Technology
Dist. Anandpur Sahib, Ropar - 140117, Punjab
Phone :09814791164
E-mail.:labma_vj@hotmail.com

23 **Introduction to LABVIEW & Its Applications in Digital Signal Processing**
Er. Bharat Naresh Bansal
Asst.Prof. ECE Dept.
Malout Institute of MGT. & Information Technology
Green Field Enclave, New Grain Market, Malout,
Dist. Sri Muktsar Sahib, - 152107, Punjab
Phone :01637-645701
E-mail.:bharat.mimit@gmail.com

24 **Recent Trends in Microwave and Radar Engineering**
(19-5-2014 to 23-5-2014)
Rajat Joshi, HOD, CSE
Rayat Bahra College of Engineering &
Nano Technology for Women
Vill.Bohan, Dist.Hoshiarpur - 146104, Punjab
Phone :01882-275500,
E-mail.:errajatjoshi@gmail.com

## Information Technology

25 **Digital Image Processing, Animation and Computer Vision**
(23-6-2014 to 27-6-2014)
Mr. Anil Kumar Sharma
Prof. & Hod, Information Technology
Dronacharya Group of Institutions
Greater Noida - 201308, Uttar Pradesh
Phone :0120-232852
E-mail.:hodit@gnindia.dronacharya.info

26 **Recent Advances in Information and Communication Technology**
Dr. Jyoteesh Malhotra
Asso.Prof. Elect. & Comp. Engg.
Guru Nank Dev University Regional Campus
Dept. of Elect. & Communication Engg.
Jalandhar - 144009, Punjab
Phone :0181-2414150
E-mail.:jyoteesh@gmail.com

27 **Network Security Challenges and Solutions**
(26-5-2014 to 30-5-2014)
Kalpna, Asso. Prof. CSE & IT Dept.
Rayat & Bahra College of Engg. &
Bio-Tech. for Women
Sahauran (Kharar), Mohali Campus - 140104, Punjab
Phone :0160-5009665,5009675
E-mail.:kalpna.phd@thapar.edu

# SELECTED LIST OF ISTE-PTU FACULTY DEVELOPMENT PROGRAMMES

## Management

**28  How to Make Teaching more effective**
(2-6-2014 to 6-6-2014)
Ms. Preety Sharma, Dean Academics
Desh Bhagat Foundation Group of Institutions
Dagru Railway Crossing,
Moga - 142148, Punjab
Phone :01636-2609732
E-mail.:preetypreety1010@gmail.com

**29  New Age Paradigm in Engineering and Management**
Dr. Sanjay Bahl, Director/ Principal
Sai Institute of Engg.& Technology
Amritsar - 143115, Punjab
Phone :0183-2440402
E-mail.:sanjaybahl1234@gmail.com

**30  SPSS and Research Methodology**
(2-6-2014 to 6-6-2014)
Dr. P.K. Gupta, Principal
Swami Vivekanand Instt.of Engg.& Technology
Ramnagar Chandigarh-Patiala Highway,
Banur, Dist. Patiala - 140601, Punjab
Phone :01762-507000
E-mail.:principal@sviet.ac.in

## Mechanical

**31  Recent Advances in Production Engineering and Engineering Design RAPEED)**
(5-5-2014 to 9-5-2014)
Prof. Chinmay Das
Asso. Prof. Mech. Engg.
Ajay Binay Institute of Technology
Cuttack - 753014, Odisha
Phone :0671-2362012
E-mail.:chinmaydas@gmail.com

**32  Advanced Manufacturing Methods: Future Challenges**
(7-7-2014 to 11-7-2014)
Gaurav Tejpal, Asso .Prof. Mech. Engg.
Amritsar College of Engg. & Technology
12 Km Stone, Amritsar - Jalandhar G.T. Road,
Amritsar - 143001, Punjab
Phone :0183-5010434,5069532
E-mail.:gaurav_tejpal@acetedu.in

**33  Role of Computer in Robotics and Mechatronics**
(2-6-2014 to 6-6-2014)
Prof.(Dr.) Manoj Mittal
Director,& Prof. Mech. Engg.
Bhai Maha Singh College of Engineering
Dist.Sri Muktsar Sahib - 152026, Punjab
Phone :01633-210901
E-mail.:manojmittal74@yahoo.com

**34  FDP on Automotive Technologies**
Dr. T.P. Singh
Asso. Prof. Automobile Engg.
Gulzar College of Engineering
G.T. Road, Khanna, Ludhiana - 141401, Punjab
Phone :099146-66777
E-mail.:tejinderpal@ggi.ac.in

**35  Renewable energy Technologies and Energy Conservation Methods**
(9-6-2014 to 13-6-2014)
Dr. S.C. Laroiya, Director
Rayat Instt.Of Engg. & Information Technology
Railmajra, P.O. Asron, Near Ropar,
Dist. Shahid Bhagat Singh Nagar - 144533, Punjab
Phone :01881-270500
E-mail.:drsclaroiya@gmail.com

**36  Computational Method and FEA in Mechanical Science**
(7-7-2014 to 11-7-2014)
Prof. Dr. Radhakrishna S. Aithal
Principal & Prof. ECE
S.M.V. Institute of Technology & Management
Vishwothama Nagar, Bantakal,
Udupi Dist. - 574115, Karnataka
Phone :0820-25289182,83
E-mail.:principal@sode.edu.in

**37  Advances in Manufacturing Processes**
(16-6-2014 to 20-6-2014)
Dr. Harmesh Kumar; Prof. & Mech. Engg.
University Instt. Of Engg. & Technology
Punjab University, South Campus,
Sector - 25, Chandigarh - 160014, Punjab
Phone :0172-2535368
E-mail.:shaarut@yahoo.com

## Others

**38  Challenges in Environment Protection andGreen Technology**
(21-4-2014 to 25-4-2014)
Dr. Mangesh Eknathrao Shelke
Asso. Prof. Chemistry
HVPM's College of Engg.& Technology
Amravati - 444605, Maharashtra
Phone :0721-2566566
E-mail.:meshelke@rediffmail.com

**39  Coding Theory & Its Applications**
Dr. Jaskarn Singh Bhullar
Asso.Prof. Applied Science
Malout Institute of MGT. & Information Technology
Dist.Sri Muktsar Sahib, - 152107, Punjab
Phone :01637-645701
E-mail.:bhullarjaskarn@gmail.com

**40  Mathematical Modelling in Science and Engineering**
(23-6-2014 to 27-6-2014)
Dr. Ramakanta Meher
Asst. Prof. Applied Mathematics
S.V. National Institute of Technology
Surat - 395007, Gujarat
Phone :0261-2201548
E-mail.:meher_ramakanta@yahoo.com

## Pharmacy

**41  Innovations in Pharmaceutical and Chemical Technology**
(9-5-2014 to 13-5-2014)
Prof. Anjoo Kamboj, Vice Principal
CGC College of Engineering
Landran, Mohali - 140307, Punjab
Phone :0172-3984209
E-mail.:anjookamboj@gmail.com

**42  Instrumental Methods of Analysis in Pharmaceutical Sciences**
Dr. Hayat M. Mukhtar
Director cum Principal
S B S College of Pharmacy
Tarn Taran - 143416, Punjab
Phone :01851-245726
E-mail.:hayat18@rediffmail.com

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## INAUGURATION OF ISTE FACULTY AND STUDENTS CHAPTER

### MADHYA PRADESH & CG

- **Acropolis Technical Campus, Indore** ISTE Students Chapter was inaugurated on March 28, 2014. Prof. Meetesh Jha, Head, Corporate Interface-Core Business School, Indore was the Chief Guest and inaugurated the Students Chapter.



Dignitaries during the inauguration of ISTE Students Chapter.

### MAHARASHTRA & GOA

- **Abha Gaikwad-Patil College of Engineering, Nagpur** ISTE Faculty Chapter was inaugurated by Dr. C.C. Handa, ISTE Executive Council Member on March 11, 2014.



Inauguration of ISTE Faculty Chapter by the Chief Guest Dr. C.C. Handa.

### TAMILNADU & PONDICHERRY

- **SKP Engineering College, Tiruvannamalai** ISTE Students Chapter was inaugurated on 20-3-2014 by Dr. D. Lakshmanan, Principal, Park College of Technology, Coimbatore. A lecture on **Recent Developments for Budding Engineers** was also organised on this occasion.



Dignitaries on the dais during the Inauguration of ISTE Students Chapter.

## INAUGURATION OF ISTE-SRM STTPs & ISTE-PTU FDPs

### ISTE-SRM STTP 2014

- **Anand Engineering College, Agra** conducted one week ISTE-SRM STTP on **Advances in Refrigeration Air Conditioning & Cryogenics** from 31st March to 6th April, 2014. The Chief Guest of the function was Dr. S.C. Sati, Director-ADRDE (DRDO), Agra and Guest of Honour was Dr. B.D. Gupta, Ex. Advisory SGI & Ex. Director, KNIT, Sultanpur. Prof. Saurabh Gupta was the Coordinator of the STTP.



Dignitaries on the dais during the Inauguration of ISTE-SRM STTP.

### ISTE-PTU FDPs 2014

- **Rayat Institute of Engineering and Information Technology, Railmajra** organised two days ISTE-PTU sponsored Faculty Development Programmes on **Research Methodology, Data Handling and Publishing Papers** for faculty & researchers during April 28-29, 2014. The programme provided ample opportunity for networking and collaborating with research peers at national arena. The Chief Guest Prof. Bhupinder Singh Bhoop, Dean, Faculty of Pharmaceutical Sciences, Panjab University, Chandigarh inaugurated the programme and delivered the inaugural address. Prof. S.C. Bedi, Campus Director delivered the welcome address. The resource persons were Prof. P. Thareja, Director and Chief Organiser of the workshop; Prof. S.K. Bhattacharya, former Director, NITTTR Chandigarh; Prof. R.K. Garg, Dean, NIT Jalandhar and Dr. Sudarshan Iyengar, IIT Ropar. Shri Sanjeev Gupta, Director, HR, M&M Swaraj Mazda Ltd., Asron was the Chief Guest for the Valedictory function. Ms. Nitika Kapoor, Co-coordinator proposed the vote of thanks.



Dignitaries during the inauguration of the ISTE-PTU Faculty Development Programme.