



21st ISTE NATIONAL ANNUAL STUDENTS CONVENTION

L.D. College of Engineering, Ahmedabad (Gujarat)

January 29-30, 2019



The 21st ISTE National Annual Students Convention was organised at L.D. College of Engineering, Ahmedabad on 29th & 30th January, 2019. The Convention was inaugurated in the august presence of Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupani Ji.

This convention was the biggest of its kind in India with more than 9000 students' participated in all across 70+ events. For the first time in Gujarat biggest DRONE SHOW was organised where 35 drone pilots across India took part. Prizes worth Rs.3,00,000/- were distributed among the winners of various event.

The Convention was initiated by remembering the almighty with the prayer and followed by lightning the lamp by all the dignitaries present on the dais. Dr. G.P. Vadodaria, Principal, L.D. College of Engineering welcomed all the dignitaries present for the function. The Convention was inaugurated by Shri Vijaybhai Rupani, Chief Minister, Gujarat

on 29-01-2019. He articulated that "the eco-system of research always improves the career prospects of the students in higher education and the convention like this indeed will open the plethora of prespects for young minds". The convention was also bejeweled by respected Avantika Singh, Commissioner, CTE along with Shri Navinbhai Sheth, Vice Chancellor, GTU, Ahmedabad. Shri Navinbhai highlighted the acceleration of start-ups and innovations in the state by various technical institutions under the aegis of GTU.

Prof. Pratapsinh K. Desai, President, ISTE delivered the address and congratulated LDCE and entire team for hosting the Convenion in a grand manner. Prof. Kalpesh Bhavsar, Chairman, ISTE Gujarat Section and other Office Bearers of ISTE graced the occasion. The inaugural function was concluded with the vote of thanks by Dr. Sachin Parikh, Organising Secretary for the Convention.



Inauguration of 21st ISTE Students National Convention by Hon'ble Chief Minister of Gujarat Shri Vijaybhai Rupani Ji

GLIMPSES OF ISTE NATIONAL ANNUAL STUDENTS CONVENTION

The Valedictory function was graced by Hon'ble Education Minister, Shri Bhupendrasinh Chudasama ji on 30-01-2019. Dr. G.P. Vadodaria, Principal, L.D College of Engineering outlined the activities carried out during the convention. The prizes were distributed by the dignitaries to the winners. Prof. Pratapsinh K. Desai, President, ISTE delivered the talk on **Importance of Innovations and Role of ISTE in Imparting Quality Education**. Hon'ble Education Minister, Shri Bhupendrasinh Chudasama motivated the students for innovations and explained various initiatives taken by the State Government in order to promote research and innovations. The function was concluded with the vote of thanks by Dr. Sachin Parikh, Head, Chemical Education Dept. and Organising Secretary of the Convention.



NEXT GEN ICT SKILL CONCLAVE 2019

- The Trident ICT Academy, Bhubaneswar organised **Next Gen ICT Skill Conclave (NexICTS-2019)** on February 13, 2019 at Fortune Select Trinity, Bangalore in association with ISTE, CISCO Networking Academy, Microchip, UiPath, gradeME, EnnobleIP etc. All Academy representatives like Directors/Principals/Senior Functionaries from associates academics and graced the occasion as delegates. Shri Shubajit Jagadev, Associate Director, Trident Group COO, Trident ICT Academy delivered the welcome address. Prof. Pratapsinh K. Desai, President, ISTE was the distinguished guest for the Conclave and he shared his experience and knowledge to the delegates. Dr. Surya Prakash Mohapatra, Global Head-Talent Transformation, Wipro India was the Keynote Speaker of the program. Shri Satya Ranjan Biswal, Associate Director, Trident Group Director, Trident ICT Academy delivered the vote of thanks.



QUOTE FOR THE MONTH

Self-Control

Self-control is strength. Calmness is mastery. You have to get to a point where your mood does not shift based on the insignificant actions of someone else. Do not allow others to control the direction of your life. Do not allow your emotions to overpower your intelligence.

WIT AND WISDOM

- Gossips are worse than thieves because they steal another person's dignity, honest reputation and credibility, which are challenging to restore. Remember : when your feet slip, you can always recover your balance. But when your tongue slips, you cannot recover your words.
- Your beliefs don't make you better person, your behavior does.
- Adjustments with right people is always better than argument with wrong people. A meaningful silence is always better than meaningless words.
- Life is compromise between your feelings and reality. At every stage you have to quit your feelings and accept the reality.
- Life becomes more meaningful when you realize the simple fact that you will never get the same moment twice.
- If a drop of water falls in lake there is no identity. But if it falls on a leaf it shines, so choose the best place where your ability shines.
- To forgive is the highest, most beautiful form of love. In return, you will receive untold peace and happiness.
-Robert Muller
- Happy people are always happy, not because everything is right in their life. They are happy because their attitude towards everything is right.
- Time alone can prove the worth of people in our lives. As times goes by, the wrong ones disappear and the best ones remain forever.
- Do not waste your time with jealousy. Sometimes you are ahead, sometimes behind, the race is long and in the end its only with yourself.



ACTIVITY FOR THE MONTH

TOPIC FOR DISCUSSION Innovating Learning Systems

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 AND STUDENT CHAPTERS

GUJARAT

- **Atmiya Institute of Technology & Science for Diploma Studies, Rajkot** organised the visit at **Statue of Unity** on February 1, 2019. As a memorial to Sardar Vallabhbhai Patel, the statue will not only remind every individual of our great nation's freedom struggle but will also inspire the people of our country to inculcate Sardar Vallabhbhai Patel's visionary ideologies of unity, patriotism, inclusive growth and good governance. An iconic 182 meter tall statue, a tribute to the Iron Man of India, is being built at the Sadhu-bet Island, approx. 3.5 kms. South of Sardia in the Narmada District of Gujarat. This inspiring memorial site, with a number of edu-training components, is located between the Vindhyachal and Satpuda Ranges rising weir Narmada River, impounded by Garudeshwar, the Sardar Sarovar Dam and the known of Kevadia. Its unique location will prove to be beneficial for eco-tourism and regional development. The objective of this visit was to collect information on progress of project, project features and construction technology etc.



"Statue of Unity"

- The student chapter also organised guest lecture on **How to be a Successful Engineer** on 27-2-2019. Mr. Kamalnayan Sojitra, Founder Director in Falcon Pumps Pvt. Ltd. was the expert for the lecture.



Expert Mr. Kamalnayan Sojitra addressing the students during his lecture.

KARNATAKA

- **Sahyadri College of Engineering and Management, Mangaluru** organised one day Faculty Interaction Program on **The Importance of Water Resource Management and Sewage Treatment Plant** on 18-2-2019. Mr. G. Ramakrishna Achar, Chairman & Managing Director, SKF Boilers and Driers Pvt. Ltd., Belavi, Moodabidri was the expert and addressed the faculty during the programme.



Expert addressing the faculty during the programme.

- **Government Polytechnic for Women, Vidyanagar, Hubballi** organised workshop on **Employability Skills** on 22-2-2019 by the Corporate Trainer Shri Suresh P. Rao. The function was presided by the Principal Smt. Chanda Kulkarni. The various skills were covered through activities and lectures in the workshop.



Participants with staff and resource persons during the workshop.

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

Editor

NEWS FROM ISTE FACULTY AND STUDENT CHAPTERS

KERALA

- **Ahalia School of Engineering and Technology, Palakkad** conducted seminar on **Techniques to Improve Student Communication Skills** by Dr. Shiji S., Ph.D. in English from Bharathiar University. The seminar helps attendees to learn how to better communication with others, which is the most powerful weapon in this world.



Dr. Shiji S. delivering the address during the seminar.

MAHARASHTRA & GOA

- **Dr. Rajendra Gode Institute of Technology & Research, Amravati** conducted various activities for the students. Workshop on **Aptitude Development** conducted during 4th to 9th February, 2019 with the objective to acquaint the aspirants with the knowledge and improve efficiency by providing tips and tricks. The six days workshop was full of the quantitative aptitude sessions, discussion and practice tests. Dr. Priti Deshmukh, IQAC Coordinator delivered the welcome address. The chief guest of the programme was Dr. P.B. Patil, Principal, DRGITS. He highlighted the importance of Quantitative Aptitude not only in the education but also in the life. The workshop concluded by the guest lecture by Dr. Pallavi Mandaogade, Associate Professor, Dept. of Management Studies, Vidyabharati Mahavidyalaya, Amravati on **Personality Development and How to do Preparation of Interview?**.



Addressing by Dr. P.B. Patil, Principal, DRGITS.



Dr. Pallavi Mandaogade delivering the guest lecture.

- **Government College of Engineering, Nagpur** conducted a National Level Techfest "**ADHYAAYA'19**" from 14th to 16th February, 2019 for college students which consists of workshops to orient students with technology trends in various disciplines. The programme was inaugurated by Dr. Ramnath Sonawane, Chief Executive Officer, Nagpur Smart and Sustainable City, Development Corporation Ltd. The Valedictory Function was graced by the august presence of Shri Ravindra Thakare, IAS, and Additional Commissioner NMC. The event witnessed a participation of more than 2000 students from different institutes all over Maharashtra. Dr. M.B. Kumthekar, Principal, GCE welcomed the guests. Dr. P.R. Deshmukh and Prof. Rajeshree Raut, ISTE SMC Member were the faculty Coordinators of the event and backbone of ADHYAAYA.



Dignitaries on the dais during the inauguration of Techfest "ADHYAAYA'19"

- **Government Polytechnic, Nagpur** organised the first International Conference on **Green Energy for Sustainable Development** on 26th & 27th February, 2019 in association with MSBTE, Mumbai. The Chief Guest for the conference was Hon. Dr. M.P. Poonia, Vice Chairman, AICTE. Dr. C.S. Thorat, Principal was presided over the function. The keynote speakers were Mr. Berhe, Hailay Beyne from Ethiopia and Dr. Rabintra Bista from Kathmandu University, Nepal. Dr. G.K. Awari, Head of Automobile Engineering Dept. was the Convener and Dr. G.V. Gotmare, Head, CDC Cell was the Co-Convener of the Conference. More than 500 research scholars mainly from Tamilnadu, Kerala, MP, Chhattisgarh, Maharashtra and across the country and foreign delegates from countries like Ethiopia and Nepal participated in various domains of the Conference. On the second day of the conference, Technical Paper Presentation was arranged in the respective domains of Science, Engineering and most promising to mention the **Outcome Based Technical Education**. The conveners of the conference were Dr. G.K. Awari and Dr. G.V. Gotmare and the conference was successfully organised under the guidance of Dr. C.S. Thorat, Chairman, ICGESD-19.



Eminent dignitaries during the inauguration of the International Conference.

ISTE NATIONAL/REGIONAL STUDENTS AWARD WINNERS 2018

AWARDS FOR ISTE STUDENTS

(Presented during the 21st ISTE Annual Students Convention held at L.D. College of Engineering, Ahmedabad (Gujarat) during 29th – 30th January, 2019)

A. National Award

1. **Kerala Government Engineering Design National Award** instituted by Government of Kerala to promote and encourage creativity, innovation and design talents in engineering degree students.

First Prize

Ms. N. Banu Praba, Ms. S. Mano Priya

N. Seenu, K.L. Bharanidharan

Kongu Engineering College

Perundurai, Erode – 638 060

For the Project titled : **A Novel Automatic Dual Row Turmeric Planting Machine**

Second Prize jointly awarded to:

Mr. Hemanth C. Reddy & Mr. Monissh Babu . K.

Sri Sairam College of Engineering

Anekal, Bangalore – 562106

For the Project titled : **Manav Esha Yanak (Human Powered Hybrid Single Seated Car)**

And

Mr. Dhaval Patania & Mr. Vivek Darji

K.J. Somaiya Institute of Engg. & IT

Sion, Mumbai – 400022

For the Project titled : **IoT Based H.E.T. Monitoring and Alerting System**

Third Prize jointly awarded to:

Ms. Falguni Thacker & Mr. Vatan Shah

K.J. Somaiya Institute of Engg. & IT

Sion, Mumbai – 400022

For the Project titled : **Heart Rate Monitoring Using Mobile Camera**

And

Mr. Ajitsingh Kalha & Mr. Rohit Hajare

Datta Meghe College of Engg.

Navi Mumbai – 400 708

For the Project titled : **Solar Powered Real Time Water Quality Monitoring System**

2. **NIT, Kozhikode National Award for the Best B.Tech. Project from Engineering Colleges in the following disciplines:**

Computer Science & Engineering

Akash Thomas & Pratiksh D. Maheshwari

CSE Dept.

S.N. Patel Institute of Technology & Research Centre

Dist. Surat

For the Project titled : **Virtual Vision for Blinds**

Civil Engineering

Puja Aldar & Vinayak Kokate

Civil Engineering Dept.

T.K. Institute of Engineering & Technology

Dist. Kolhapur – 416 113

For the Project titled : **Utilisation and Conversion of Plastic Waste Into Fine Aggregate**

Mechanical and Production

Aishwarya Patil, Sneha Ghatge

Prupti Paymal, Girija Bachchode

Mechanical Engineering Dept.

T.K. Institute of Engineering & Technology

Dist. Kolhapur – 416 113

For the Project titled : **Design and Fabrication of Rotating Solar Boiler**

Electrical and Electronics

Shivakumar D., Gajanan D. Wali

Electronics & Comm. Engg.

Bapuji Institute of Engineering & Technology

Davangere – 577 004, Karnataka

For the Project titled : **Embedded Solution for Military Fratricide Crisis**

3. **Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib National Award for Best B.Tech. Project from Engineering Colleges Related to Sustainable Development in the following disciplines:**

Electrical & Electronics Engineering

Antony Praveen P. & Balaji S.

Dept. of Electrical & Electronics

Arunai Engineering College,

Tiruvannamalai

For the thesis titled : **Performance Analysis of Switched Inductor Z Source Inverter under Different Switching Algorithms**

Mechanical Engineering

Karan S. & Harisurya K.

Automobile Engg Dept.

Bannari Amman Institute of Technology

Sathyamangalam, Erode Dist.

For project titled : **A Guiding Device for Blind People using Ultrasonic Sensor**

Civil Engineering

Saini Rajkumar Meghraj Bhai &

Pancholi Bhargav H.

Civil Engineering Dept.

S.N. Patel Institute of Technology & Research Centre

Umrakh, Bardoli

For project titled : **Vishwakarma Yojna : V An Approach Towards Rurbanisation**

Computer Science

Deepak Singh Rawat

7th Sem/Dept. of CSE

Rayat Group of Institutions

Near Rupnagar, Dist. SBS Nagpur

For the Project titled : **Shop-Around**

Agricultural

Adityo Patir & Saurabh Gogoi

Dept. of Agricultural Engineering

Triguna Sen School of Technology

Assam University, Silchar (Assam)

For the Project titled : **Development and Feasibility Testing of Rotary Type Egg Shell Removing Machine**

ISTE NATIONAL/REGIONAL STUDENTS AWARD WINNERS 2018

ISTE Best M.Tech. Thesis Award Winners

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

First Prize

Krunal Rajeshkumar Panchal
Dept. of Mechanical Engineering
Institute of Technology
Nirma University, Ahmedabad

For the thesis titled : **Effect of Steam and Catalyst with Lignite Feedstock on the Performance of Downdraft Gasifier**

Guided by: **Prof. Darshit Upadhyay**
Assistant Professor, Mech. Engg. Dept.
Institute of Technology, Nirma University
Ahmedabad (Gujarat)

Second Prize

Rohit Adaikala Raj F.
Dept. of Production Engineering
PSG College of Technology, Coimbatore

For the thesis titled : **Development of Vibration Based Energy Harvester for Wireless sensors**

Guided by: **Dr. M. Senthil Kumar**
Associate Professor, Dept. of Production Engg.
PSG College of Technology, Coimbatore

2. **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.**

First Prize

Shivangi Goswami
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

Guided by: **Dr. J.P. Ruparelia**
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

For the thesis titled : **An Environment Friendly Approach : In-Vessel Composting and Anaerobic Digestion for Methane Gas Generation from Secondary Sludge of GESCSL, CETP-Vatva, Ahmedabad, Gujarat, India**

Second Prize

Uttam Kumar
Chemical Engineering Dept.
Rajiv Gandhi Institute of Petroleum Technology,
Jais, Amethi

For the thesis titled : **Liquid – Liquid Flow Through Home-Built Microreactors : Flow Pattern and Mass Transfer (Multiphase Flow and Microfluidics)**

Guided by: **Dr. Koushik Guha Biswas**
Dept. of Chemical Engineering
Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi – 229 304 (UP)

3. **ISTE-L&T National Award for Best M.Tech. Thesis in Electrical/Electronic Engineering instituted by Larsen &**

Toubro Ltd., Bombay to promote post-graduate research in the area of Electrical/Electronic Engineering

First Prize

Bhaskar Panna
Electrical Engineering Dept.
Indian Institute of Technology, Bihta, Patna

For the thesis titled : **Fractional Fourier and Cosine Transform based Image Encryption Algorithms in Different Domains**

Guided by: **Dr. Rajib Kumar Jha**
Dept. of Electrical Engineering
Indian Institute of Technology, Bihta, Patna

Second Prize

Ankur Pandey
Dept. of Electrical & Electronics
Indian Institute of Technology, Bihta, Patna

For the thesis titled **A Multi-Stage Deep Residual Network for Biomedical Cyber-Physical Systems**

Guided by: **Dr. Preetam Kumar & Dr. Sudhir Kumar**
Dept. of Electrical Engineering
Indian Institute of Technology
Bihta, Patna – 801 103

4. **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.

First Prize shared between

Ajay P. Gelot
Dept. of Civil Engineering
Institute of Technology,
Nirma University, Ahmedabad – 382 481

For the thesis titled : **Development of Interaction Curve for Composite Column**

Guided by: **Dr. Sharad Purohit**
Dept. of Civil Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

&

Anilkumar P.M.
Dept. of Civil Engineering
Indian Institute of Technology Madras
Chennai – 600 036

For the thesis titled : **Morphing of Multistable Variable-Stiffness Laminates using MFC Actuators**

Guided by: **Prof. B.N. Rao**
Professor, Structural Engineering Division
Dept. of Civil Engineering, IIT Madras
Chennai – 600 036

Second Prize shared between

Chandgude Pooja Rohidas
Dept. of Civil Engineering
D.Y. Patil College of Engineering, Akurdi, Pune

For the thesis titled : **Cumulative Impact Assessment of Industrial Area : MIDC in Hinjewadi, Pune**

ISTE NATIONAL/REGIONAL STUDENTS AWARD WINNERS 2018

Guided by: **Prof. Sachin Mane**
Dept. of Civil Engineering
D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

&

Atit Kumar Jaiswal
Civil Engineering Dept.
S.V. National Institute of Technology, Surat

For the thesis titled : **Active Relationship of Urban Heat Islands with Physical Planning : A Case Study of Surat City**

Guided by: **Dr. Chetan R. Patel**
Assistant Professor,
Section Head (Urban Planning), CED
Civil Engineering Dept.
S.V. National Institute of Technology,
Surat (Gujarat)

5. **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.

Awarded to:

Gurkaranbir Singh
Dept. of Soil and Water Engg.
College of Agricultural Engg. And Technology
Punjab Agricultural University, Ludhiana – 141 004

For the thesis titled : **Delineation of Ground Water Potential Zones in District Ludhiana**

Guided by: **Dr.A.K. Jain**
Dept. of Soil & Water Engineering
College of Agricultural Engg. And Technology
Punjab Agricultural University, Ludhiana

6. **ISTE – Kings College of Engineering National Award for Best M.E./M.Tech. Thesis in Engineering** to promote research in agricultural applications and/or rural development instituted by the management of Kings College of Engineering, Punalkulam, Pudukkottai Dist., Tamil Nadu during the 18th ISTE National Annual Students Convention.

First Prize

Dakshayini Patil
Dept. of Computer Science & Engg.
BLDEA's V.P. Dr. P.G. Halakatti
College of Engineering and Technology, Vijayapur

For the thesis titled : **Fruit Disease Detection using Image Processing Techniques**

Guided by: **Dr. M.S. Shirdhonkar**
Assistant Professor, Dept. of CSE
BLDEA's V.P. Dr. P.G. Halakatti
College of Engineering and Technology
Vijayapur – 586 103

Second Prize

Shradha Satish Honrao
Dept. of Civil Engineering
D.Y. Patil College of Engineering, Akurdi, Pune

For the thesis titled : **Ground Water Suitability for Drinking and Agricultural usage in MIDC Area, Chakan Pune**

Guided by : **Prof. Aruna Sharma**
Dept. of Civil Engineering

D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

B. REGIONAL AWARDS

1. **Maharashtra State Engineering Design Award** instituted by the Government of Maharashtra to promote and encourage creativity, innovation and design talents in engineering degree students from the State of Maharashtra.

First Prize awarded to :

Shubham Mahesh Daiv & Swaroop Ramdas Parab
Mechanical Engineering Dept.
Shri Balasaheb Mane Shikshan Prasarak Mandal
Ambap's Ashokrao Mane Group of Institutions
Dist. Kolhapur

Project titled : **Design and Manufacturing of Special Purpose Drilling Machine**

Second Prize awarded to:

Jitesh Nitin Mistri & Ankit Deepak Thamke
Civil Engineering Dept.
Saraswati College of Engineering
Kharghar, Navi Mumbai – 410 201

Project titled : **Identification of Artificial Groundwater Recharge Potential Zones in an Urban Area using GIS**

2. **Devender Singh Bansal Memorial Award for Best B.Tech. Project State Award in Mechanical Engineering and Allied Branch (Punjab)**

Awarded to:

Parminder Singh
Rayat Group of Institutions
VPO Railmajra, Near Rupnagar
Dist. SBS Nagar – 144 533

For the Project titled : **Experimental & CFD Studies on Airflow and Heat Transfer Characteristics of a Heat Sink**

3. **Punjab Technical University Award for Young Engineer Innovators in the following disciplines:**

Civil & Architecture

No Nomination received

Mechanical & Production Engineering

No Nomination received

Electrical & Electronics Engineering

Ms. Ilakkiya . S & Ms. Madhumitha . S
Sri Manakula Vinayagar Engg. College
Madagadipet, Puduchery

For Project titled : **Shoe Based Ambulatory Prevention of Diabetic Foot Ulcers (Dum Shoe)**

Computers & Communication Engineering

First Prize

Ms. Gurmeet Kaur
Computer Science Engineering
Adesh Institute of Engg. & Technology
Dist. Mohali (Punjab)

For Project titled : **Digital Marketing “BRILLIKO”**

Second Prize

Ms. Jaspreet Kaur
Adesh Institute of Engg. & Technology
Dist. Mohali (Punjab)

For Project titled : **BLOOD BANK**

ISTE NATIONAL/REGIONAL STUDENTS AWARD WINNERS 2018

Chemical Engg. Bio-Technology

No Nomination received

4. **ISTE Narsee -Monjee Award for the Best Project work done by the Polytechnic Students in Maharashtra State**

First Prize to:

Abhishek Bande, Anand Joshi & Dinesh Kawade
Government Polytechnic, Nitur, Parbhani Dist

For the project titled : **Low Cost 2D CNC Plotter**

Second Prize to :

Neel Desai, Yash Gurav,
Bhusan Chavan, & Atharva Kulkarni
Thakur Polytechnic, Mumbai

For the project titled : **Omnidirectional Forklift**

Third Prize jointly awarded to:

Raj Sangani, Shrmishtha Sawant
Pratiksha Chaudhari & Kamlesh Kawade
Pravin Patil College of Diploma Engineering & Technology
Bhayander, Mumbai

For the project titled : **Antisocial App**

&

Abhishek Toshniwal, Vaibhav Kanchi & Onkar More
Government Polytechnic, Jintur

For the project titled : **Android Application for GP Jintur**

(C) ISTE Best Students Chapter Award for the year 2018

This Award is given to the Best Students Chapter in each Section based on their performance during the year.

Andhra Pradesh Section jointly to

Siddhartha Institute of Engineering and Technology, Puttur
&
SRKR Engineering College, Bhimavaram, West Godavari

Assam & Eastern State Section

Girijananda Chowdhury Institute of Management and Technology, Guwahati

Delhi Section

Bharati Vidyapeeth's Institute of Computer Applications & Management, New Delhi

Gujarat Section

G.H. Patel College of Engineering & Technology,
Vallabh Vidyanagar

Haryana Section

MERI College of Engineering and Technology, Bahadurgarh

Karnataka Section

Vidyavardaka College of Engineering, Mysore

Kerala Section jointly to

Government College of Engineering, Kannur

&

Trinity College of Engineering, Thiruvananthapuram

Orissa Section

DREAMS Autonomous Engineering College, Cuttack

Panjab, Chandigarh, J&K & H.P Section

Guru Nanak Dev Engineering College, Ludhiana

Madhya Pradesh Section

Maulana Azad National Institute of Technology, Bhopal

Maharashtra & Goa Section

Marathwada Mitra Mandal's College of Engineering, Pune

Rajasthan Section

Vidhya Bhawan Polytechnic, Udaipur

Tamilnadu Section jointly to:

- KPR Institute of Engineering & Technology, Coimbatore
- Excel Engineering College, Komarapalayam, Namakkal
- Sona College of Technology, Salem

Telangana Section

Vaagdevi College of Engineering, Warangal

West Bengal Section

Technique Polytechnic Institute, Hooghly

APPEAL TO CONTRIBUTE NEWS/ARTICLES FOR ISTE NEWSLETTER

Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in the country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. It publishes monthly Newsletter which was earlier circulated to all its members and institute members, Central & State Government Officials, Industry Associations and Corporate Offices. Considering its commitment towards going Green, the society stopped printing of its Newsletter issues since a few years and is serving its readers by providing soft copy of the same on its website.

The ISTE has been receiving innovative suggestions from its readers for further enhancing the eminence of the Newsletter by introducing Themes, theme based articles from its members, corporate world, success stories of Industrial engineers, best practices at Institutions, technological innovations worldwide, etc. so as to benefit the readers. The Newsletter shall continue to include information of activities conducted at institute faculty chapters, students chapter, notifications related to schedule of ISTE various programs/activities, award notifications, etc.

ISTE hereby solicits articles not exceeding 300 words based on the theme from its members & stakeholders in word file only along with good quality photo (preferably 6 cms x 4 cms) in JPEG format. Institute members can send success stories of their students, staff who have made excellent, outstanding and exemplary strides in technical/ industrial field. The success stories should be in a word file and should not exceed 400 words and should be accompanied by a good quality photo (preferably 6 cms x 4 cms) in JPEG format.

All articles, information and photo (in JPEG format) with caption should be sent in a word file to **isteneewsletter@gmail.com**. Selected articles/information with good quality photos will be published in the ISTE Newsletter. The correspondence address is as follows:

The Executive Secretary

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

INAUGURATION OF ISTE FACULTY AND STUDENT CHAPTERS

KERALA

- **Ahalia School of Engineering and Technology, Palakkad** ISTE Faculty Chapter inaugurated by Dr. E. Balagurusamy, Former Member, Union Public Service Commission and former Vice Chancellor, Anna University on 2nd February, 2019. The Chief Guest addressed on the relationship between meaningful education and student values which plays an important role in today's education system. The function was presided over by Dr. P.R. Sreemamahadevan Pillai, Principal, ASET and Chairman, ISTE Chapter.



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

MAHARASHTRA & Goa

- **M.C.E. Society's Institute of Pharmacy (Diploma), Pune** Institutional and ISTE Student Chapter was inaugurated on 15-2-2019 by the Chief Guest Prof. Pratapsinh K. Desai, President, ISTE. Prof. Vijay D. Vaidya, Executive Secretary ISTE was also graced the occasion. Principal Dr. V.N. Jagtap welcomed all the dignitaries. Dr. P.A. Inamder, President was the motivator for the students by guiding the student



Inauguration of ISTE Institutional Member by Hon. President, ISTE



Inauguration of ISTE Students Chapter by the Executive Secretary, ISTE

ORISSA

- **National Institute of Science and Technology, Odisha**, one of the largest ISTE Student Chapter in Eastern India organised its 16th two day mega Tech-Fest '**Sankalp 2K19**' on 22nd and 23rd February, 2019. Dr. Vijay D. Vaidya, Executive Secretary, ISTE was the Chief Guest for the function and Dr. KVR Chary, Director, IISER, Berhampur inaugurated the event in the presence of Prof. Sangram Mudali, Director; Prof. Geetika Mudali, Placement Director; Dr. Ajit Kumar Panda, Dean and Dr. Mihir Hota, Faculty Advisor, NIST ISTE Students Chapter. Dr. Vaidya gave a detailed account of India's technical education in the face of ever changing technology and praised NIST for nurturing employability in the students. The dignitaries addressed the mass of students and faculty members about the changing industry scenario and encouraged the students to develop a pro-society and pro-industry personality. The event was mainly an ensemble of activities to showcase its students' technical and management acumen. Several interesting and thought-provoking activities were organised to spread social awareness and break stereotypes.

On the second day of the event, NSIT honored Padma Shri Kamala Pujari with Award of Professional Excellence for her distinguished achievements in preserving indigenous paddy species and popularizing organic farming in Odisha. Over 3000 student participants displayed their talent in the event that received a footfall of several thousand viewers and hundreds of delegates.



Eminent dignitaries on the dais during the inauguration of Souvenir.

PERSONAL COLUMN

- **Dr. N.K. Gupta**, (LM) Chairman, ISTE Delhi Section have successfully completed the Master in Public Administration (MPA) from IGNOU, New Delhi and Bachelor of Law (LLB) from Dr. B.R. Ambedkar University, Agra.
- **Prof. Kapileswar Mishra** (LM), Director, NSHM School of Engineering & Technology, Durgapur presented papers in an International River Summit in Cebu, Philippines titled **Pattern of Water Pollution in Major Rivers in Odisha and Low Cost Soil and Water Conservation** in Water and Renewable Energy Summit, Iloilo, Philippines.
- **Dr. P.C. Jain** (LM), Scientist with Defence Research & Development Laboratory (DRDL), Hyderabad has been inducted as an Associate Fellow of American Institute of Aeronautics and Astronautics (AIAA) for his remarkable commitment to furthering the advancement of Aerospace Science and Technology.

Our Hearty Congratulations!

NEWS FROM ISTE SECTIONS

DELHI SECTION

- ISTE Delhi Section organised two days ISTE Annual Faculty Convention at Department of Computer Science & Engineering, School of Engineering Science & Technology, Hamdard University, New Delhi from 26th & 27th February, 2019. The theme of the Convention was **Role of Entrepreneurship in Nation Building**. Dr. N.K. Gupta, Chairman, ISTE Delhi Section and Consultant-Parliamentary Affairs, NSDC was the Chief Guest and inaugurated the programme. He shared his experience as entrepreneur during 1990s. Prof. Ranjit Bishwas, Dean and Prof. M. Afshar Alam, Head, Dept. of CSE and Dr. Jawed Ahmad, Assistant Professor & Secretary, ISTE Delhi Section were also present during the programme. The resource persons was from industries and academia of different institutions/organisations who have delivered their talk on the theme of the convention.



Dr. N.K. Gupta, Chairman, ISTE Delhi Section delivering his address during the inaugural function.



Dr. N.K. Gupta, Chairman, ISTE Delhi Section felicitating the chief guest.

FORTHCOMING EVENTS

- International Conference on **Advanced Communication & Computational Technology - ICACCT 2019**, organised by National Institute of Technology, Kurukshetra on 6-7 December, 2019. For details contact: Dr. Gaurav Verma; Phone : 09896004182; Email : icacct2019@gmail.com.
- 4th National Conference on **Recent Trends in Mechanical Engineering (RTME-19)** organised by Vemana Institute of Technology, Bangalore on 21-22 June, 2019. For details contact : Dr. Lokesh G. Reddy, Convener; Email : hodmech@vemanait.edu.in.

MADHYA PRADESH & CG SECTION

- IISTE Madhya Pradesh & CG Section Annual Students' Convention was held on 16-2-2019 at Maulana Azad National Institute of Technology, Bhopal. Dr. Pratapsinh K. Desai, President, ISTE presided over the event as the chief guest. Dr. Ashish Dongre, Chairman, ISTE MP Section and former Director of Technical Education, Govt. of MP was also present for the event. This is an event that aim to inspire young adults, by breaking the monotony of classroom lectures with the tagline "unfolding hidden success stories". Mr T.N. Suresh, Retd. ISRO Scientist delivered a guest lecture, which included his experiences from his zero gravity flight to travelling the stratosphere. Dr. Suresh also honoured the college by gifting a PSLV Rocket Launching Model which was received by the team of Azad, MANIT Bhopal.



Inauguration of the Convention by the dignitaries.



Dr. Pratapsinh K. Desai, President, ISTE addressing the participants.



Mr. T.N. Suresh, Retd. ISRO Scientist delivering a guest lecture.

AICTE-ISTE INDUCTION/REFRESHER PROGRAMS

GUJARAT

- **Gujarat Technological University, Ahmedabad** conducted one week AICTE-ISTE Induction/Refresher Program on **Ethical Hacking & Forensic Investigation** from 18th to 23rd February, 2019. The topics like hands on practice for ethical hacking, reconnaissance, vulnerability scanning, active and passive enumeration vulnerability assessment, etc. were covered in this programme. Moreover, forensic investigation procedure and usage of various tools for investigating procedure were explained by eminent speakers.



Participants and Faculty during the programme.

- **Faculty of Technology and Engineering, The M.S. University of Baroda, Vadodara** conducted one week AICTE-ISTE Induction/Refresher Program on **Heat Transfer and Its Applications** from 11th to 16th February, 2019.



Dignitaries on the dais during the inauguration of the program.

KERALA

- **Government Engineering College, Thrissur** conducted one week **AICTE-ISTE Induction/Refresher Programme for Young Teachers** from 18th to 24th February, 2019. Large number of participants attended the program. The 'Art of Living' session was by Prof. P.R. Subhadra, Electrical Engg. Dept., GEC, The 'Stress Management' session was organised on 24-2-2019 by Prof. C.P. Sunil Kumar, Coordinator of the Program. Written Test for the delegates was also conducted at the end of the program. The program was concluded in the presence of Dr. K. Vijayakumar, Chairman, ISTE Kerala Section and Former Director of Technical Education, Government of Kerala.



Participants and Faculty during the programme.

MADHYA PRADESH

- **Kalaniketan Polytechnic College, Jabalpur** conducted AICTE-ISTE Induction/Refresher program on **Induction Training (Phase-1)** during 25th February to 1st March, 2019. The program was inaugurated by the Chief Guest Dr. SS Thakur, Principal Jabalpur Engineering College. Dr. R.C. Pandey was the Coordinator of the program. The program was covered the recent advancement in teaching methodology, effective presentation techniques and behavioral skills for the comprehensive development of teaching fraternity.



Participants and faculty during the inauguration of the program.

MAHARASHTRA & GOA

- **Government College of Engineering, Amravati** conducted one week AICTE-ISTE Induction/Refresher Program on **Advancement in water Resources Optimization & Water Use Efficiency Techniques** from 4th to 9th February, 2019. Dr. A.G. Matani was the Coordinator for the program.



Dignitaries on the dais during the inauguration of the program.

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

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