



IEI

Newsletter Students' Chapters

December
2019

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ALL INDIA STUDENTS' COMMITTEE (AISC) Session 2018-19

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Twenty-seventh IEI Convocation and Technicians'/Students' Convention

The Twenty-seventh IEI Convocation and Technicians'/Students' Convention was organized by Rajasthan State Centre of IEI during November 09-10, 2019. The theme of the Technicians'/Students' Seminar and Technical session held along with the Twenty-seventh IEI Convocation was "Industry 4.0 – Transforming Industrial Productivity". Mr S C Rudra, Chairman, All India Technicians' Committee, IEI and Mr E R Reddy, Member, All India Technicians' Committee, IEI was the Chief Guest and Guest-of-Honour, respectively, on the occasion of Technicians'/Students' Seminar and Technical session. Altogether, 2517 candidates (1197 candidates of Summer 2018 and 1320 candidates of Winter 2018) who passed Sections A and B examinations in ten engineering disciplines during 2018 were given certificates in present and in absentia during Convocation. A large number of Student members of Engineering Colleges and Polytechnics attended the event of Twenty-seventh IEI Convocation and Technicians'/Students' Convention.

Shri O P Saxena, Chairman, Organizing Committee, welcomed the august gathering. Dr T M Gunaraja gave his inaugural speech followed by the lighting of the lamp by dignitaries present at the occasion.

Dr T M Gunaraja in his Convocation address recounted that The Institution of Engineers (India) in its long journey of 100 years have been instrumental in enhancing the status of the engineering fraternity and now it is time to plan for

the century ahead. He briefly acquainted the gathering with the twin objective with which the Institution was established, Industrialization and Indianisation which have now translated into Innovation and Indigenization. He also highlighted that the aspect of innovative thinking and innovation at every stage of professional development of an engineer has to be nurtured in a graded and continuous manner.

Dr Gunaraja expressed his happiness and pride that Dr Subhash Garg, Hon'ble Minister for Technical Education, Rajasthan and Prof Achintya Chaudhury, Vice Chancellor, Bharatiya Skill Development University, Rajasthan was present in the function as a Chief Guest and Guest-of-Honour, respectively, to inaugurate the Convocation. He congratulated Shri S S Yadav, Chairman, Rajasthan State Centre of IEI, Shri Saxena, Chairman, Organising Committee and Honorary Secretary, Rajasthan State Centre, for making wonderful arrangements for the event.

Minister for Technical Education, Rajasthan, Dr Garg in his convocation address complimented IEI for being committed to the holistic development of an engineer and also encouraged strengthening the interface between engineers from academic field as well as industry. He emphasized on the fact that there is a tectonic shift in the way technology is leveraged to spread into every aspect of human life and it is imperative for engineers to equip themselves with agility to remain relevant and be able to contribute to the developmental needs of the society.



A view of the dias



**President, Dr T M Gunaraja
delivering his address**

The Guest-of-honour, Vice Chancellor, Bharatiya Skill Development University, Rajasthan, Prof Achintya Chaudhury delivered a very motivating speech to the graduating engineers where he highlighted that the modern engineering workplace requires more than strictly technical skills. Recruiters are often looking for a combination of technical ability and transferable or soft skills. He added that technical skills alone are not enough to ensure a successful engineering career, as engineers need to be able to function as a member of a team, think critically, and have a strong work ethic. The speech was followed by presenting the Institution Trophies to Jharkhand Technicians' Chapter as Best Technicians' Chapter amongst all State Centres. Kota Technicians' Chapter as Best Technicians' Chapter, Durgapur Technicians' Chapter as the Second Best Technicians' Chapter and Nashik Technicians' Chapter amongst all Local Centres of IEI for the session 2018-2019. The Chief-Guest and Guest-of-Honour also presented Dr Amitabha Bhattacharya Memorial Trophies with certificates and requisite cheques for Engineering colleges to the Department of Electronics Engineering, AISSMS College of Engineering and Technology, Pune, Maharashtra; Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering, Sivakasi, Tamil Nadu; Department Electronics and Telecommunication Engineering,

R M K Engineering College, Kavaraipettai, Tamil Nadu; as Best, Second Best and Third Best Engineering College Students' Chapter for the session 2018-2019. Thereafter, the Chief-Guest and Guest-of-Honour, also presented Dr Amitabha Bhattacharya Memorial Trophies with certificates and requisite cheques for Polytechnics to Sri Ramkarishna Polytechnic College, Coimbatore, Tamil Nadu; Thiagarajar Polytechnic College, Salem, Tamil Nadu; and GRG Polytechnic College, Coimbatore, Tamil Nadu; as Best, Second Best and Third best Polytechnic Students' Chapter respectively for the session 2018-2019. The President, IEI presented the Awards and Prizes to the members, who secured Highest/Second highest/Third highest marks in Sections A and Section B examinations in different engineering disciplines and the 50th All India Students' Design Competition Awards – 2019 for promoting the advancement of engineering and technology in the country. Finally, four awards, which were adjudged by panel of Judges on the previous day (09 November 2019) for presenting their technical papers in the Technicians' / Students' Convention, were also given by the President on 10 November 2019.

Maj Gen S Bhattacharya, Secretary and Director General, IEI announced the names of the various



**Chief Guest, Dr Subhash Garg
delivering his Convocation Address**



Maj Gen (Dr) S Bhattacharya, VSM (Retd)
Secretary and Director General
delivering the vote of thanks

awardees and also the names of more than 250 Technician/Senior Technician members who attended the Convocation in person to receive their certificates. The certificates of passing Sections A and B examinations were presented to all Technician / Senior Technician members present by Dr T M Gunaraja, President of IEI. The convocation was concluded by Maj Gen S Bhattacharya, Secretary and Director General, IEI with a vote of thanks.

The programme, All-India Technicians' / Students' Seminar was on held on 09 Nov 2019 Rajasthan State Centre on the theme mentioned before, "Industry 4.0 – Transforming Industrial Productivity". The Chief Guest on the occasion Mr Rudra emphasized on industry integrated curriculum to the be design for the engineering students as well as to our Technician Members for employment opportunities as per the need of current scenario of the country. Guest-of-Honour, Mr Reddy also highlighted the need of Digital Learning System to be introduced in the present curriculum of AMIE. The student members of the Engineering Colleges and Polytechnics attached to various Engineering Colleges Students' Chapters of IEI presented technical papers that invoked interest in the audience comprising Students of Engineering Colleges and Polytechnics, Senior engineers, Guests and other Delegates. Altogether thirty-six technical papers were presented and discussed based on the above-mentioned theme and on diverse field of engineering that covered various engineering disciplines. The programme ended with a vote of thanks by Mr Gautam Raj Bhansali, Honorary Secretary, Rajasthan State Centre, IEI. Altogether four papers were adjudged for prizes by panel of experts for which the prizes were awarded on 10 Nov 2019 during the prize distribution ceremony. The name of prize winners with their title of papers under various categories is given below:

BEST PAPER PRESENTATION

Name(s)	Paper Entitled	Category of Prizes
Krishna Kant Shukla and Pinki Shukla	Challenges on BS VI Engine at Automotive Sector	First Prize Technician's Chapter
T Kathir Praveen	Natimgypcrete	First Prize Polytechnic Student's Chapter
N Mohammed Farid	Advancement in Additive Manufacturing	Second Prize Polytechnic Student's Chapter
S Reshma and S Arulambika	Women Safety Night Patrolling Robot	Third Prize Polytechnic Student's Chapter

Presentation of NDRF Awards at the Twenty-seventh IEI Convocation

The Institution of Engineers (India) congratulates the following students representing various engineering colleges, who obtained medals in diverse engineering disciplines in the 50th ALL India Students' Design Competition Awards – 2019 constituted by NDRF, a peripheral body of IEI.

AEROSPACE ENGINEERING DESIGN AWARD

SARTHAK DINESH DESHMUKH

4th year 7th Semester, B.E., Aerospace Engineering
MVJ college of Engineering, ITPB Channasandra,
Bangalore-560067 (Karnataka)

VIVEKANANDA.P

4th year 7th semester, B.E.,
Electronics and Communication Engineering
Govt S.K.S.J.T.I KR Circle, Bangalore-560001 (Karnataka)

KARTHICK. D

2nd year, 3rd Semester, M.E, Lean Manufacturing
PSG College of Technology, Avinashi. Rd, Peelamedu,
Coimbatore - 641004 (Tamil Nadu)

AGRICULTURAL ENGINEERING DESIGN AWARD

PREETHI. B

Final Year - M. Tech Biotechnology
Rajalakshmi Engineering College, Rajalakshmi Nagar,
Thandalam - 602 105 (Tamil Nadu)

ARCHITECTURAL ENGINEERING DESIGN AWARD

SHREYA JASIWAL

4th Year, 7th Semester, B.E., Architectural Engineering
Visvesvaraya National Institution of Technology
Department of Architecture and Planning,
45, RPTS Road, Madhav Nagar

CHEMICAL ENGINEERING DESIGN AWARD

B. NITHISHKUMAR

Final. Year, B.E., Chemical Engineering,
Kongu Engineering College
Perundurai - 638 060 (Tamilnadu)

M. MOHAMED THAGAIBRAHIM

Final Year, B.E., Chemical Engineering,
Kongu Engineering College
Perundurai - 638 060 (Tamilnadu)

M. SIVA KUMAR

Final Year, B.E., Chemical Engineering,
Kongu Engineering College
Perundurai - 638 060 (Tamilnadu)

CIVIL ENGINEERING DESIGN AWARD

ANUNAY JAIN

5th Year, 9th Semester, B.E., Civil Engineering
Indian. Institute of Technology (BHU)
Banaras Hindu University Campus
Varanasi-221005 (Uttar Pradesh)

PRATISHTHA MISHRA

2nd year 3rd Semester, B.E., Civil Engineering
National Institution of Information Technology Patna
407, Ganga Hostel, Ashok Rajpath, Patna - 800005 (Bihar)

S. KAVYAA

Pre-Final year 5th Semester, B.E., Civil Engineering
Sona College of Technology Junction Main. Road,
Salem - 636005 (Tamil Nadu)

3 PRIZES

GOLD

SILVER

BRONZE

1 PRIZE

GOLD

1 PRIZE

GOLD

3 PRIZES

GOLD

SILVER

BRONZE

3 PRIZES

GOLD

SILVER

BRONZE

COMPUTER SCIENCE AND ENGINEERING DESIGN AWARD

A. MOHAMMED SAFI

3rd Year 5th Semester, B.E., Computer Science Engineering
Sri Venkateswara College of Engineering Pennalur Village
Bengaluru - Chennai Highway, Sriperumbudur - 602117
Kancheepuram (District) (Tamil Nadu)

R. DEEPA

Final Year & 7th Semester, B.E., Computer Science Engineering
CK College of Engineering & Technology Jayaram Nagar
Chellangkuppam, Sellankuppam, Cuddalore - 607003 (Tamil Nadu)

P. DEVAYANI

3rd Year 5th Semester, B.E., Computer Science Engineering
Nandha College of Engineering Perundurai
Erode - 638 052 (Tamil Nadu)

ELECTRICAL ENGINEERING DESIGN AWARD

PRAMITHA SOANS

3rd Year, 5th Semester, B.E. Electrical Engineering
CMR Institute of Technology, 132, AECS Layout, IT Park Road
Bangalore-560 037 (Karnataka)

G. VENKATESH

Final Year, VII Semester
B.E., Electrical Engineering, SIR C R R Engineering College
Vatluru, Elur -534007

RAHUL SARKER

3rd Year & V Semester, B.E., Electrical. Engineering
Adamas University, 24 Parganas (North) - -700126 (West Bengal)

ELECTRONICS AND TELE COMMUNICATION ENGINEERING DESIGN AWARD

DIPTIMAN PATI

III Year, B. E, Electronics and Communication Engineering
Indian Institute of Technology Bhubaneswar
B-710, Mohanadi Hall of Residence, IIT Bhubaneshwar-752050 (Orissa)

REGL. R

Final Year, B. E, Electronics and Telecommunication Engineering
Sri Sai Ram Engineering College Sai Leo Nagar, West Tambaram
Chennai 600 044, Tamil Nadu

KOTIPALLI YAMINI

III Year, B. E, Electronics and Communication Engineering
Swarnaandhra. College of Engineering Seetharampuram 534238
West Godavari (Andhra Pradesh)

ENVIRONMENTAL ENGINEERING DESIGN AWARD

S. KUMAR PRABHAKARAN

3rd Year 5th Semester, B.E., Environmental. Engineering
Sri Ramakrishna Engineering College Vattamalaipalayam
NGGO Colony Coimbatore 641 022 (Tamilnadu)

YOGESH M

4th Year 7th Semester, Environmental Engineering
Rajalakshmi Engineering College Rajalakshmi Nagar
Thandalam Chennai - 600 010 (Tamil Nadu)

3 PRIZES

GOLD

SILVER

BRONZE

3 PRIZES

GOLD

SILVER

BRONZE

3 PRIZES

GOLD

SILVER

BRONZE

2 PRIZES

SILVER

BRONZE

MECHANICAL ENGINEERING DESIGN AWARD

3 PRIZES

T. DEVARAJAN

GOLD

4th Year, 7th Semester, B.E., Mechanical Engineering
Manakula Vinayagar Institution of Technology Kalvi Valla.
Pondicherry (District) - 605 107 (Pondicherry)

CHALLA SAI

SILVER

3rd year, 5th Semester, B.E., Mechanical Engineering
Indian Institute of Technology, Bhubaneswar
Khordha (District) - 752057 (Odisha)

J. SIVASUBRAMANI

BRONZE

4th Year 7th semester, B.E., Mechanical Engineering
Velammal College of Engineering and Technology Velammal Nagar,
Madurai Rameshwaram High Road, Viraganoor - 625009
Madurai - District (Tamilnadu)

METALLURGICAL AND MATERIALS ENGINEERING DESIGN AWARD

1 PRIZE

N. RAJALAKSHMI

SILVER

3rd year, B.E., Aeronautical Engineering
Sri Ramakrishna Engineering College Vattamalaipalayam,
NGGO Colony Post Coimbatore - 641022 (Tamilnadu)

PRODUCTION ENGINEERING DESIGN AWARD

3 PRIZES

VISHAL NAKULSANGVE

GOLD

4th year 8th semester, B.E., Production Engineering
AISSMS College of Engineering Kennedy Road, Near R.T.O.
Pune - 411 001, (Maharashtra)

ROSHAN VASANT SHINDE

SILVER

4th year 8th semester, B.E., Production Engineering
AISSMS College of Engineering Kennedy Road
Near R.T.O., Pune - 411 001, (Maharashtra)

NAGESH RAMAKOKARE

BRONZE

4th year 8th semester, B.E., Production Engineering
AISSMS College of Engineering Kennedy Road
Near R.T.O., Pune - 411 001, (Maharashtra)

TEXTILE ENGINEERING DESIGN AWARD

3 PRIZES

RANJITH KUMAR . P

GOLD

3rd Year 5th Semester, B.E., Textile Engineering
Kongu Engineering College
Thoppupalayam, Perundurai
Erode - 638 060 (Tamil Nadu)

SANGEETHA . M

SILVER

3rd Year 5th Semester, B.E., Textile Engineering
Kumaraguru College of Technology
Athipalayam Road, Chinnavedampatti
Coimbatore - 641 049 (Tamil Nadu)

VARSHA . S

BRONZE

3rd Year 5th Semester, B.E., Textile Engineering
Kumaraguru College of Technology Athipalayam Road,
Chinnavedampatti, Coimbatore - 641049 (Tamil Nadu)

Presentation of Trophies, Prizes and Awards at the Twenty-seventh IEI Convocation

Based on entries received for the session 2018-2019, from various Technicians' Chapters operating under the State/Local Centres of IEI and also from a large number of Engineering College/Polytechnic Students Chapters in the country, the following awards were presented in numerous categories. Trophy, Certificate were given.

Best Technicians' Chapter amongst State Centres : Jharkhand Technicians' Chapter.

Best Technicians' Chapter amongst Local Centres : Kota Technicians' Chapter.

Second Best Technicians' Chapter amongst Local Centres : Durgapur Technicians' Chapter

Third Best Technicians' Chapter amongst Local Centres : Nashik Technicians' Chapter.

Best Engineering College Students' Chapter : AISSMS College of Engineering and Technology (Department of Electronics Engineering), Pune, Maharashtra; **Second Best Engineering College Students' Chapter :** Mepco Schlenk Engineering (Department of Electrical and Electronics Engineering), Sivakasi, Tamil Nadu; and **Third Best Engineering College Students' Chapter :** R M K Engineering College (Department Electronics and Telecommunication Engineering), Kavaraipttai, Tamil Nadu.

Best Polytechnic Students' Chapter : Sri Ramkarishna Polytechnic College, Coimbatore, Tamil Nadu;

Second Best Polytechnic Students' Chapter : Thiagarajar Polytechnic College, Salem, Tamil Nadu

Third Best Polytechnic Students' Chapter : Arasan Ganesan Polytechnic College, Sivakasi, Tamil Nadu.

The Institution of Engineers (India) [IEI] congratulates the following Technicians/Senior Technicians, who obtained prizes/awards in various categories under different engineering disciplines on the basis of marks obtained in Institution Examination during Summer 2018 and Winter 2018 at the Twenty-seventh IEI Convocation and Students'/Technicians' Convention held at Jaipur, Rajasthan on November 10, 2019.



Shahzan Sadick
T-168179-5
Highest
Section A (Non-diploma)
Institution Prize – S'18



Drisy P
T-166142-5
Second Highest (Women)
Section A (Non-diploma)
Suman Sharma Award – S'18



Jagreety Kumari
ST706038-1
Second Highest
Section A (Diploma)
Institution Prize – S'18



Jagreety Kumari
ST706038-1
Highest (Women)
Section A (Diploma)
Suman Sharma Award – S'18



Uttam Kumari
ST-705684-8
Second Highest (Women)
Section A (Diploma)
Suman Sharma Award – S'18



Santosh Kumar Uppada
AM163665-3
Highest
(Computer Science & Engineering), Section B
Institution Prize – S'18



Braj Kishor Pathak
ST608936-5
Highest
(Electrical Engineering), Section B
Institution Prize – S'18



Dhule Akshayee Bharat
T-163627-1
Highest
(Electronics & Communication Engineering)
Section B
Institution Prize – S'18



Boddeda Soma Naga

ST654669-8

(Materials and Metallurgical Engineering)
Section B
Institution Prize – S'18



Palanisami J

ST640905-4

Highest
(Textile Engineering), Section B
Institution Prize – S'18



Sreeranj R S

T-163711-1

Highest
Section A (Non-diploma)
Institution Prize – W'18



Reheena N K

T-164334

Highest (Women)
Section A (Non-diploma)
Suman Sharma Award – W'18



Reelsa K A

T-165898-4

Third Highest (Women)
Section A (Non-diploma)
Suman Sharma Award – W'18



Sumesh K P

ST701657-9

Second Highest
Section A (Diploma)
Institution Prize – W'18



Arshleen Kaur

ST709611-4

Second Highest (Women)
Section A (Diploma)
Suman Sharma Award – W'18



Richa Singh

ST638865-0

Third Highest (Women)
Section A (Diploma)
Suman Sharma Award – W'18



Nand Kishor

ST673550-4

Highest (Materials & Metallurgical Engineering)
Section B
Institution Prize - W'18



Priyanka Bathla

ST676084-3

Highest (Production Engineering)
Section B
Institution Prize - W'18



Ruchit Kumar Gupta

ST563515-8

Highest (Textile Engineering)
Section B
Institution Prize - W'18

In addition to all above awardees, a host of Technicians/Senior Technicians were also honoured, the details of which are given hereunder during the Twenty-seventh IEI Convocation and Students/Technicians' Convention held at Jaipur, Rajasthan on November 10, 2019.

Saurabh Nagesh (S'18), Second Highest Marks [Section A (Non-Diploma), Institution Prize] and Second Highest [Section A (Non-diploma) S N Ghosh Memorial Prize]; **Dona Manuvel (S'18)**, Highest Marks [Section A (Non-Diploma), Suman Sharma Award]; **Arti Kumari (S'18)**, Third Highest Marks [Section A (Non-diploma), Suman Sharma Award]; **Gauri Shankar Tiwary (S'18)**, Highest Marks [Section A (Diploma), Institution Prize]; **Shipra Srivastava (S'18)**, Third Highest Marks [Section A (Diploma), Suman Sharma Award]; **Akhilesh Kumar Gautam (S'18)**, Highest Marks in Chemical Engineering [Section B, Institution Prize]; **Tanay Agarwal (S'18)**, Highest Marks in Civil Engineering

[Section B, Institution Prize and Bhupesh Nandi and Rekha Nandi Prize]; **Mohd Irfan and Somu Dushyanth Veera Kumar (S'18)**, Jointly Highest Marks in Mechanical Engineering [Section B, Institution Prize]; **Raj Ranjan Shrivastava (S'18)**, Highest Marks in Mining Engineering [Section B, Institution Prize]; **Kakarapalli Suresh (S'18)**, Highest Marks in Production Engineering [Section B, Institution Prize];

Santhosha M N (W'18), Second Highest Marks [Section A (Non-Diploma), Institution Prize] and Second Highest Marks [Section A (Non-diploma) S N Ghosh Memorial Prize]; **Keerthi M R (W'18)**, Second Highest [Section A (Non-diploma) Suman Sharma Award]; **Soumitra Bid (W'18)**, Highest Marks [Section A (Diploma), Institution Prize]; **Veena Kumari (W'18)**, Highest Marks [Section A (Diploma), Suman Sharma Award]; **Ajay Kumar Rao (W'18)**, Highest Marks in Chemical Engineering [Section B, Institution Prize]; **Deepika Raghav (W'18)**, Highest Marks in Civil Engineering [Section B, Institution Prize, Bhupesh Nandi & Rekha Nandi Prize and Glasgow Auld Students' Award]; **Villari Sreenatha Sarma (W'18)**, Highest Marks in Computer Science and Engineering]; **Supriya Bharati (W'18)**, Highest Marks in Electrical Engineering [Section B, Institution Prize]; **Sujeet Kumar (W'18)**, Highest Marks in Electronics and Communication Engineering [Section B, Institution Prize]; **Harshad Sharma (W'18)**, Highest Marks in Mechanical Engineering [Section B, Institution Prize]; **Md Nasim Ansari (W'18)**, Highest Marks in Mining Engineering [Section B, Institution Prize].

Membership for undergraduate B Tech Students Student Membership (SMIE)

The Council at its 689th meeting held at Ahmedabad approved a new grade of membership - Student Membership (SMIE) - meant for undergraduate students pursuing BE/B.Tech (AICTE approved) or equivalent qualification and will be valid for six years w.e.f. the date of enrolment. For further details, please visit our website www.ieindia.org. In case of any further query regarding Student Membership please contact (033)40106246/(033)40106251/(033)40106302.

Report of Technical Activities by Students' Chapter

Please forward report of the technical activities conducted under the Students' Chapters of both Engineering Colleges and Polytechnics through email to studentchapter@ieindia.org within one week of the event organised. The format of the report is available in the link <https://www.ieindia.org/webui/IEI-Network.aspx#students-chapters>

Best Engineering College Students' Chapter Session 2018-2019

Best Engineering College Students' Chapter

AISSMS College of Engineering and Technology (Department of Electronics Engineering)
Pune, Maharashtra

Second Best Engineering College Students' Chapter

Mepco Schlenk Engineering (Department of Electrical and Electronics Engineering)
Sivakasi, Tamil Nadu

Third Best Engineering College Students' Chapter

R M K Engineering College (Department Electronics and Telecommunication Engineering)
Kavaraipettai, Tamil Nadu.

Best Polytechnic Students' Chapter Session 2018-2019

Best Polytechnic Students' Chapter

Sri Ramkarishna Polytechnic College, Coimbatore, Tamil Nadu

Second Best Polytechnic Students' Chapter

Thiagarajar Polytechnic College, Salem, Tamil Nadu

Third Best Polytechnic Students' Chapter

Arasan Ganesan Polytechnic College, Sivakasi, Tamil Nadu.

Reports from Engineering College Students' Chapter

AISSMS College of Engineering (Maharashtra)

The Department of Electronics Students' Chapter of AISSMS College of Engineering organized four days workshop on 'Hands on IOT and its applications' from 2 October 2019 to 5 October 2019.



View of the students participating in the workshop

The Students' Chapter of AISSMS College of Engineering organized an Industrial visit on 23rd August 2019, a 'Project Exhibition and Competition' on 10 October 2019 and conducted Expert Lecture on '8051 Microcontroller Architecture and Programming of SE Computer Students' on 11 October 2019.



Participants during the Industrial visit

Baba Banda Singh Bahadur Engineering College (Punjab)

The Students' Chapter of Department of Computer Science Engineering of Baba Banda Singh Bahadur Engineering College organized a coding competition 'Codeathon' on 14 October 2019.



A view of the certificate distribution for the award winners in the competition

BNM Institute of Technology (Karnataka)

The Students' Chapter of Department of Electrical and Electronics of BNM Institute of Technology organized a two day workshop on 'IoT using Raspberry Pi' 11- 12 October 2019.



A get-together of the participants during the workshop

The Students' Chapter of Department of Information Science & Engineering of BNM Institute of Technology organized a two days workshop on 'Machine Learning and Tensor Flow Applications' during 11- 12 October 2019.



A get-together during the workshop

Reports from Engineering College Students' Chapter

The IEI Students' Chapter of Electronics and Communication Engineering Department of BNM Institute of Technology organized an Industrial Visit and a Technical Talk on 25 October 2019 and 26 October 2019 respectively.



A get-together during the Industrial visit

The IEI Students' Chapter of Department of Computer Science and Engineering of BNM Institute of Technology organized one day Industrial visit to CSIR-4PI, Bengaluru on 16 October 2019.



Participants during the Industrial visit

DKTE Society's Textile and Engineering Institute (Maharashtra)

The Students' Chapter of Department of Electrical Engineering of DKTE was inaugurated on 21 September 2019. On this occasion a contest namely 'All Round Skills 2K19' was also organized.



Lighting of the lamp during the inaugural session

A. D. Patel Institute of Technology (Gujarat)

The Students' Chapter of Computer Engineering Department of A D Patel Institute of Technology, organized a seminar on 'Machine Learning:-

Beginner and Intermediate Track' on 21 September 2019.

Nandha Engineering College (Tamil Nadu)

The Students' Chapter of Department of Mechanical Engineering of Nandha Engineering College celebrated Engineers day on 14 September 2019.



A view of the audience during celebration of Engineers' day

Rajalakshmi Engineering College (Tamil Nadu)

The Students Chapter of Department of Computer Science and Engineering of Rajalakshmi Engineering College was inaugurated on 4 October 2019.



A view of the dias during the inaugural function

JSPM's Rajarshi Shahu College of Engineering (Maharashtra)

The Students' Chapter of Computer Engineering Department of JSPM's Rajarshi Shahu College of Engineering organized one Technical Visit to Pari Robotics, Shirwal, Maharashtra on 14 September 2019.



Participants during the Technical Visit to Pari Robotics, Maharashtra

Reports from Engineering College Students' Chapter

PES's College of Engineering (Karnataka)

The Students' Chapter of Civil Engineering Department of PES College of Engineering organized two days workshop on "Project Management" during 6-7 October 2019.



Participants during the workshop

PSCMR College of Engineering & Technology (Andhra Pradesh)

The Students' Chapter of Department of Electrical and Electronics Engineering of PSCMR College of Engineering & Technology celebrated Engineers Day on 15 September 2019 by organizing various competition like Essay Writing, slogan competition, quiz competition, etc.



Participants during the celebration of Engineers Day

Vidya Jyothi Institute Of Technology (Telangana)

The Students' Chapter of Department of Electrical & Electronics of Vidya Jyothi Institute of Technology, organized Faraday's Memorial fest on 21 September 2019, a Field Visit to Shankarpally Substation on 11 and 13 September 2019, a three-day Meditation Program from 24 June to 26 June 2019, Guest Lecture on 'Power Systems Applications and High Voltage Engineering' on 26 June 2019 and a National Conference on 'Evolutionary Computing Applications to Electrical

Engineering' during 2-3 May 2019. They also conducted a Guest lecture on Power Systems and Industrial Applications on 25 October 2019.



Release of Proceedings during the International Conference



Participants during the technical visit

Tulsiramji Gaikwad-Patil College of Engineering and Technology (Maharashtra)

The IEI Student Chapter of Tulsiramji Gaikwad Patil College of Engineering and Technology organized various activities like expert lectures, quiz competitions, group discussions, seminars, workshops, symposia etc.



Participants during the technical visit



Srinivasa Ramanujan Institute of Technology (Andhra Pradesh)

The IEI Students' Chapter of SRIT organized Technical Talent Expo called 'Saviskar-2K19', during 25 -26 of September 2019.



Lighting of the lamp of the event

Matrusri Engineering College (Telangana)

The Student Chapter of Department of Mechanical Engineering of Matrusri Engineering College conducted Annual General Body Meeting on 25 September 2019.

Birla Vishvakarma Mahavidyalaya (Gujarat)

The IEI Student Chapter of Birla Vishvakarma Mahavidyalaya organized a techfest 'GENESIS' during 18 – 19 October 2019. The event consisted of two technical events and one workshop.

SRM Valliammai Engineering College (Tamil Nadu)

The IEI Student Chapter of SRM Valliammai Engineering College organized "International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering" during 6- 7 September 2019.

VNR Vignana Jyothi Institute of Engineering and Technology (Telangana)

The IEI Student Chapter of VNR VJIET organized many technical events aiming all round development of student. The Annual Meet was held on 23rd of September 2019.

Bharati Vidyapeeth College of Engineering (Maharashtra)

The IEI Students' Chapter of Bharati Vidyapeeth College of Engineering organized three Guest Lectures on (i) 'ETAP Software Opportunities and Applications for Electrical Engineering Students' on 11 July 2019, (ii) "Introduction to KVARH BILLING' held on 25 of July 2019 and (iii) 'Awareness regarding Automation Software and Technical Skill-Set' held on 11 September 2019. The Chapter also organised an interaction with Alumni IAS Office on

10 August 2019, workshop on 'Virtual Labs' on 24 August 2019, a technical visit on 23 August 2019 and a quiz competition and exhibition on 20 September 2019. Teacher's day was observed on 5 September 2019.



View of the audience for the Guest lecture held on 11 September 2019

Shri Ramdeobaba College of Engineering & Management (Maharashtra)

The Annual General Meeting of Students' Chapter of Department of Civil Engineering of Shri Ramdeobaba College of Engineering & Management was held on 25 September 2019. This was followed by orientation program, technical talk etc.

Vasireddy Venkatadri Institute of Technology (Andhra Pradesh)

The Annual General Meeting of Students' Chapter of Department of Mechanical Engineering of Vasireddy Venkatadri Institute of Technology was held on 21 September 2019.

Babu Banarasi Das Northern India Institute of Technology (Uttar Pradesh)

The Students' Chapter of Department of Electronics & Communication Engineering of Babu Banarasi Das Northern India Institute of

Reports from Engineering College Students' Chapter

Technology, Lucknow, organized an industrial tour to Semiconductor Laboratories, Chandigarh and Manali from 9 -15 October 2019, an industrial visit to ISTRAC (ISRO Telemetry Tracking and Command Network), Lucknow on August 9, 2019 and to Lucknow Metro Rail Corporation(LMRC) on 29August 2019.



Participants during an industrial visit to Lucknow Metro Rail Corporation

The Students' Chapter of Department of Computer Science & Engineering of Babu Banarasi Das Northern India Institute of Technology organized two days workshop on 1) 'Internet of Things' on 22 October 2019 and 2)' Machine Learning Using Python' both the workshop Sponsored by Softpro Pvt. Ltd on and 23 October 2019.

Velammal Engineering College (Tamil Nadu)

The Students' Chapter of Department of Electrical and Electronics of Velammal Engineering College was inaugurated on 29 August 2019.



View of the dias during the inaugural ceremony

R. M. D Engineering College (Tamil Nadu)

The IEI Students' Chapter of RMD Engineering College was inaugurated on 4th September 2019.



Academy of Technology (West Bengal)

The Students' Chapter of Department of Applied Electronics & Instrumentation Engineering of Academy of Technology was inaugurated on 31 October 2019.



View of the dias during the inaugural ceremony

Swami Keshvanand Institute of Technology (Rajasthan)

The Students' Chapter of Department of Electronics and Telecommunication Engineering of Swami Keshvanand Institute of Technology, Jaipur organized a three-days National Workshop on 'PCB Design and Fabrication' during 19- 21 September 2019 in association with IEEE Microwave Theory and Techniques Society.



View of the dais during the inaugural function of the National Workshop

The Chapter also organized an Expert Lecture on 26 September 2019 and a Training program on 'PCB Fabrication' in association with ISTE and IETE. The 150th Birthday of Mahatma Gandhi was celebrated on 2 October 2019.

Dr. S & S. S. Ghandhy Government Engineering College (Gujarat)

The Students' Chapter of Civil Engineering Department of Dr. S & S. S. Ghandhy Government Engineering College was inaugurated on 15 October 2019. An Expert Lecture on 'Sustainable Water Management – A Perspective on Field Practices' was also organized by the Chapter.



View of lighting of the lamp during the inaugural ceremony

Sri Krishna College of Engineering and Technology (Tamil Nadu)

The Students' Chapter of Department of Civil Engineering of Sri Krishna College of Engineering and Technology organized a Guest Lecture on 'When You Enter Civil Engineering...' and a Guest Lecture on 'Sustainable And Eco-Friendly Buildings' on 27 November 2019.



Speaker delivering the guest lecture

AISSMS Institute of Information Technology (Maharashtra)

The Students' Chapter of AISSMS IOIT conducted a video lecture on 'Microeconomics and Demand Curve' on 27 June 19, Video Lectures on 'Electrical Installation, Maintenance & Testing (EIMT)' on 17 July and 27 August 2019, 'Electrical Installation, Maintenance & Testing (EIMT)- Brainstorming Activity' on 22 July 2019, self learning activity on 'MOSFET' on 17 July 2019 and on 'IGBT Construction and Working' on 24 of July 2019. They also arranged for an Industrial Visit at 400 kV EHV MSETCL Substation Lonikand, Pune on 1 October 2019.



Participants during the Industrial visit

Expert Lectures were given on namely (i) 'Project Guidance' on 10th July 2019 (ii) 'Strategic planning for the future technologies and industry expectations from fresh engineers' on 23 July 2019 (iii) 'Disruptive Innovations' on 31 July 2019 (iv) 'Electrical Safety and legal provisions in Electricity Act' on 25 September 2019 (v) 'Practical aspects of residential and commercial wiring' on 3 October 2019, (vi) 'Intellectual Property Rights' on 4 October 2019.



Speaker while giving lecture on 'Practical aspects of residential and commercial wiring'

Reports from Engineering College Students' Chapter

The Chapter also organized a three Day Workshop on 'Industrial Approach in Electronics' during 24-26 September 2019. A debate competition was held on 1 August 2019 and an Electrofunda Project Competition held on 28th August 2019.



Participants during the debate competition

The Chapter arranged 'Energy Conservation Drive' during 2 -11 September 2019, Group Discussion competition on 10 September 2019, discussion on 'Super Capacitors and Chargers' on 7 October 2019. In addition to these, Engineers day was celebrated on 26 September 2019.

Gyanmanjari Institute of Technology (Gujarat)

The Students' Chapter of Electronics and Communication Engineering Department of Gyanmanjari Institute of Technology organized various activities including a one day workshop on 'Fusion 360' held on 27 August 2019, Mock Interview and an expert talk on 'Interview Techniques', poster presentation on 'Plastic free India', lecture on Mahatma Gandhi and Geeta and a quiz competition.

Sri Krishna College of Engineering and Technology (Tamil Nadu)

The Students' Chapter of Department of Civil Engineering of Sri Krishna College of Engineering and Technology organized a guest lecture on When You Enter Civil Engineering...



Speaker delivering his guest lecture

Bishop Jerome Institute (Kerala)

The Students' Chapter of Civil Engineering Department of Bishop Jerome Institute organized a talk on 'World Standards Day' on 14th October 2019.

Academy of Maritime Education and Training (Tamil Nadu)

The IEI Students' Chapter of AMET University, Electrical and Electronics Engineering Department was inaugurated on 31 October 2019.



Participants during the inaugural ceremony

Sree Buddha College of Engineering (Kerala)

The Students' Chapter of Department of Mechanical Engineering of Sree Buddha College of Engineering celebrated 'World Students' Day' on 15 October 2019. On this occasion an awareness programme on 'Technology and Innovation' was also conducted at Government L P School.

TKM Institute of Technology (Kerala)

The Students' Chapter of Civil and Mechanical Department of TKM Institute of Technology was inaugurated on 27 September 2019.



View of the dias during the inaugural ceremony

Dayalbagh Educational Institute (Uttar Pradesh)

The IEI Students' Chapter of Dayalbagh Educational Institute organized Campus Placement Drive on 13 November 2019.



Reports from Engineering College Students' Chapter



Campus placement drive on 13 Nov, 2019

Kumaraguru College of Technology (Tamil Nadu)

The Students' Chapter of Department of Electronics & Communication of Kumaraguru College of Technology released a Technical Magazine cum Newsletter named 'EL.Com'

Amrutvahini College of Engineering (Maharashtra)

The Students' Chapter of Information Technology Department of Amrutvahini College of Engineering



View of the dias during the workshop 'Project With Smart Googling'



View of the dias during the workshop 'Project With Smart Googling'



View of the dias during the workshop 'Computer Graphics and Animation'

organized workshop on 'Project With Smart Googling' on 25 September 2019 and a workshop on 'Computer Graphics and Animation' during 9-10 August 2019.

RCC Institute of Information Technology (West Bengal)

The Students' Chapter of Department of Electronic and Communication engineering organized 'ALPHATECH', the annual creative speaking and quiz competition during 16 -17 October 2019.

Bhilai Institute of Technology, Durg (Chhattisgarh)

The Students' Chapter of Bhilai Institute of Technology organized various events including project contests, quiz competition, expert talk and paper presentation in the year 2019.



Participants during the expert talk

G L Bajaj Institute of Technology & Management (Uttar Pradesh)

The Students' Chapter of Civil Engineering Department of G L Bajaj Institute of Technology & Management organized inaugural function of the Students Chapter on 15 November 2019.



Presentation of Students' Chapter certificate during the inaugural ceremony

Reports from Engineering College Students' Chapter

Adamas University, School of Engineering & Technology (West Bengal)

The Students' Chapter of Electrical Engineering Department of Adamas University organized a workshop on 'Smart Adaptive Security Surveillance Robot' on 1 November 2019.



A participant during the workshop

The Chapter also organized technical seminar on 6 November 2019, an event "Electrical Treasure Hunt" held on 8 November 2019, a technical quiz competition 'QuizTech' held on 30 October, 2019 and a technical seminar 'Students' Seminar' on 25 October, 2019.

Cusrow Wadia Institute of Technology (Maharashtra)

The Students' Chapter of Department of Electronics and Telecommunication of Cusrow Wadia Institute of Technology organized an expert lecture on 'Importance and Benefits of IEI Students Chapter' on 15 November 2019.



Speaker during his expert lecture

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology (Andhra Pradesh)

The IEI Students' Chapter of Department of Electrical and Electronics Engineering of Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology organized an Industrial visit to 220 KV Substation, Gunadala, Vijayawada on 29 November 2019.



Participants during the Industrial visit

Manakula Vinayagar Institute of Technology (Puducherry)

The Students' Chapter of Department of Mechanical Engineering of Manakula Vinayagar Institute of Technology organized the World Environment day Celebration 2019, Guest Lecture on 52nd Engineers Day and a one Day Workshop on 'Logistics And Its Applications In Industries'.



Participants during the World's Environment day celebration



View of the dias during the guest lecture on 52nd Engineers Day

Bhivarabai Sawant College of Engineering and Research Polytechnic (Maharashtra)

The IEI Students' Chapter of Department of Computer Engineering of Bhivarabai Sawant College of Engineering and Research Polytechnic was inaugurated on 11 September 2019.



Participants during the inaugural function

AISSMS Polytechnic (Maharashtra)

The IEI Students' Chapter of AISSMS Polytechnic organized an Expert Lecture on 'Importance and Benefits of IEI Students Chapter' on 11 and 15 November 2019, a technical workshop on 'CISCO Packet Tracer and Routing' during 19 September 2019 to 21 September 2019 and nine Guest Lectures on (i) 'Career Guidance on SAP' on 15 September 2019, (ii) 'Capstone Project Planning' on 30 July 2019, (iii) 'Career Guidance on Abroad Education on Overseas' on 01 August 2019 (iv) 'Entrepreneurship Awareness' on 01 August 2019 (v) 'Soft Skills on Life Skills' during 26–27 August 2019 (vi) 'Database and Emerging Technologies' on 14 September 2019 (vii) 'Cyber Security' on 23 September 2019 and (viii) 'Testing' on 27 September 2019 and (ix) 'Soft Skills On Aptitude Session' during 22- 23 July 2019. The Students' Chapter observed Teachers Day on the theme 'Students Act as a Teacher' on 5 September 2019.



Trainer and the participants during Technical Workshop on 'CISCO Packet Tracer and Routing'

Government Polytechnic, Belgaum (Karnataka)

The Students' Chapter of Government Polytechnic, Belgaum organized an Induction programme on 27 and 29 July 2019 and a Girls Awareness Program on

30 July 2019. The Students' Chapter of Government Polytechnic, Belgaum also organized a seminar on "Advanced Casting Process" for first semester students of Mechanical branch on 17 August 2019 and a seminar on "Soft Skills Enhancement" for fifth semester students of Automobile branch on 22 August 2019. The Students' Chapter of Government Polytechnic, Belgaum conducted an all India Essay Writing event on "All Love is Expansion, All Selfishness is contraction"- Swami Vivekananda on 29 September 2019.



Speaker and the audience during the seminar on 'Advanced Casting Process'

The IEI Student Chapter of Government Polytechnic, Belgaum organized two seminars on 'Role of Engineers in National Development' and 'Stress Management' on 5 September 2019 and a workshop on 'Career Guidance' on 6 September 2019. In addition to these, the Chapter also organized seven seminars on namely (i) 'Advanced Tally 9 ERP 6.3' on 14 September 2019 (ii) 'Recruitment Procedure' on 17 September 2019, (iii) 'Robotics' on 21 September 2019, (iv) 'Rock Cycle' on 26 September 2019, (v) 'Apprenticeship Training and Industry Interaction' on 27 September 2019 (vi) 'Best Practices of Total Quality Management' on 27 September 2019. The IEI Student Chapter of Government Polytechnic, Belgaum arranged for a demonstration on 'Robotics' on 21 September 2019 and video session on "Application of Heat Transfer Process" on 25 September 2019.





A view of the audience and speaker during demonstration on 'Robotics'

Govt. Polytechnic, Karwar (Karnataka)

The IEI Student Chapter of Govt. Polytechnic, Karwar organized an orientation programme for first year students during 23-24 July 2019. They also celebrated Engineers day on 16 September 2019.



Participants during the celebration of Engineers' Day

Periyar Centenary Polytechnic College (Tamil Nadu)

The IEI Students' Chapter of Periyar Centenary Polytechnic College organized their Annual General Meeting on 23 September 2019.



View of the dias during the Annual General Meeting

P.A.C Ramasamy Raja Polytechnic College (Tamil Nadu)

The IEI Student Chapter of Periyar Centenary Polytechnic College conducted an Annual General Meeting and Students Election held on 25 July 2019. They also conducted guest lectures, film shows, a get-together, Pre Placement Training Programme, Motivational Programme, technical visit, quiz contents, industrial visits and classroom activities during the period July-November 2019.



Speaker and participants during the Guest lecture



Participants during the industrial visit

Steps to establish IEI Students' Chapters in Engineering Colleges/ Polytechnics

Engineering Colleges/ Polytechnics may establish Students' Chapter of IEI with atleast fifty students pursuing engineering in the same branch of a College/University/Institution and be a part of the IEI fraternity following steps below:

- Initial request from an engineering college/a polytechnic is to be made to the Director (Membership) of IEI expressing desire to open a Students' Chapter at the Engineering College/Polytechnic mentioning the branches of engineering.
- Upon obtaining the permission and code of the new Students' Chapter from IEI, prospective Chapters have to download the forms [for engineering college Students' Members (ECSC) and Polytechnic Students' Member (PSC)] from the webpage www.ieindia.org . The forms have to be filled up by the students willing for members of Students' Chapter in consultation with the Adviser.

The requisite fee to be collected from each student as per the year of study as given below.

i) For Degree Engineering College:

Membership fee for Student Chapter	Subscription (Rs)	Share of Colleges/ Institutions (Rs)	Share of HQs (Rs)
First Year	536	300	236 (Incl. 18% GST)
Second Year			
Third Year			
Fourth Year			

ii) For Polytechnic:

Membership fee for Student Chapter	Subscription (Rs)	Share of Polytechnic/ Institutions (Rs)	Share of HQs (Rs)
First Year	536	300	236 (Incl. 18% GST)
Second Year			
Third Year			

- The relevant part of the application forms are to be sent to Headquarters of The Institution of Engineers (India) alongwith the payment.

