

DAV INSTITUTE OF ENGINEERING & TECHNOLOGY

Annual Report-2017

Presented by:
Dr Manoj Kumar,
Principal

Esteemed Sh. R.S. Sharma ji, General Secretary, DAV College Managing Committee, New Delhi and the Chief Guest of the day.

Respected members of the DAV College Managing Committee, Members of the governing body of DAVIET, my fellow principals, distinguished guests, parents of the prize winners, members of the press and media, faculty members, staff & beloved students, Ladies and Gentlemen. I extend a heartiest welcome to all of you.

To have amongst us a luminary of the profile and calibre of Sh. R.S. Sharma is a splendid achievement on its own. Sh. R.S. Sharma is an eminent educationist, a staunch Arya Samajist and administrator par excellence. He joined the DAV fraternity in 1955 as a lecturer at DAV College, Amritsar, served as Principal of various DAV Colleges and retired as Principal, DAV College Jalandhar in 1987. He joined DAV College Managing Committee in 1991 and held various important positions such as Secretary, General Secretary, and Vice President. Sir, we are very thankful to you for bestowing your blessings to us on this auspicious day.

The legacy of the DAV has been best carried forward by Dr Punam Suri Ji, Honourable President, DAVCMC, New Delhi. His efforts have been recognised by the Govt. Of India by Awarding Padamshree to him by the Honourable President of india on March 30, 2017. We all take pride in the Honour bestowed on him and in turn for all the DAVians.

Before, I present the annual report to you, I must share that, While looking at the events we did in the past year, I felt proud of my faculty, staff and students who worked all through the year and stood the test of time as superbly as it could be. We created benchmarks for ourselves and gave ourselves challenges to follow the pursuit of excellence. The commitment to excel became a passion for us and we channelized our energies to gain a conspicuous position for our institute as a premier institute in the region. The journey through the past year is in reality a movement of unravelling of the hidden human resource potential in a work oriented, positive ambience of dedication, commitment and performance.

PLACEMENTS

The excellent placement record is the hallmark of the institute. Believing in the axiom of "Engineering with a difference", placements help us to sustain the "Diet of Motivation". Placements bear a direct correlation with the level of effort and hard work put in by the faculty and the students besides the policies and practices being followed and institutionalized and are the ultimate test of the potential and calibre

Our alumni are already creating vibes in the technical world.

- Anjan Kaur, a student of Computer Science and Engineering Department has been placed with Adobe System at a whopping package of Rs. 20.50 lakhs per annum.

- Anmol Sharma, a student of Information Technology Department has been selected by Radd Support at a gigantic package of Rs. 16.80 lakhs per annum.
- The students of the institute have been working in the defence forces as well. Jaslinder Kaur, a student of Electronics and Communication Engineering has been proudly placed with Indian Air Force at a package of Rs. 12 lakhs per annum.
- Gargi, a student of MBA has been placed at a package of Rs. 6.50 lakhs with Jaro Education.

I take pride in sharing that the alumni of the institute are not the job seekers only, but they have also become successful entrepreneurs. Some of the alumni of the institute who are successfully running their ventures that include:

- Veer Kunwar Singh from Department of Business Management
- Daman Kalra from Department of Mechanical Engineering
- Nitish Gupta from department of Civil Engineering.
- Gobinder Singh, Department of Mechanical Engineering
 - Karan Verma, a student of Computer Science Engineering has been selected as Dell Student Ambassador.

Academics

The students of the institute excel in the University exams and many. A total of 98 merit positions have been bagged by the students of institute

- Kartik of EE (4th Semester) got first position in the university in April 2014 examinations.
- Rashim Aggarwal of IT (4th Semester) got first position in the university in April 2014 examinations.
- Sheenam Sharma of IT (8th Semester) got first position in the university in April 2014
- Varun of ME (5th Semester) got first position in the university in November 2014 examinations.
- Ekta Sharma of MCA 2nd Semester stood first in the University in April 2015 examinations.
- Amritpal Singh of EE (3rd Semester) stood first in the university in November 2015 examinations.
- Kanwar Abhijay Singh of EE got second position in the university in April 2014 and April 2015 examinations
- Raghav of EE (6th Semester) got second position in the university in April 2014 examinations
- Anam Bansal of CSE (5th Semester) got second position in the university in Nov. 2014 examinations
- Tanu Garg of EE (7th Semester) got second position in the university in Nov. 2014 examinations
- Retika Kalia of MBA (1st Sem.) got second position in the university in Nov. 2014 examinations.

- Tania Saini of IT (4th Semester) got second position in the university in April 2015 examinations.
- Harleen Kaur Taunque of ECE (3rd Semester) stood second in the university in Nov. 2015 Examinations.

SPORTS

The students of the institute have created new benchmarks in the sports too and have emerged as thorough performers.

- The Badminton (Men) and (Women) teams of the institute made it a golden double and brought glory to the institute by winning Gold Medals in PTU inter-college tournament.
- The Table-Tennis (Men) team of the institute brought glory to the institute by winning Gold Medal in PTU inter-college tournament.
- The chess teams of the institute won gold medals both in men and women events in PTU inter-college tournaments.
- The women's cricket team of the institute brought laurels to the institute by bagging silver medal in PTU inter-college tournament.
- The Handball (Women) team and Swimming (Men) teams won bronze medals in the University Inter-college tournament.

CULTURAL ACTIVITIES

Our curricula entail a bouquet of extra-curricular events in order to help students discover and strengthen their capabilities and to work towards personal fulfilment. This year also the institute emerged as a winner of PTU both zonal and Inter Zonal Youth Festival for a record 15th time.

- Navneet Nagpal was declared the Best Folk dancer in PTU Inter Zonal Youth Festival.
- Ashvin Bahri was declared the Best Actor in PTU Inter Zonal Youth Festival.
- Gurpreet Singh from Department of Civil Engineering brought laurels to the institute by winning the first prize in mimicry in 32nd All India Inter University National Youth Festival.
- Neha Rai and Mr. Rohit Rawat won third position in North Zone Inter-University youth festival in collage making and cartooning respectively.

Co-Curricular Activities

The students of the institute have created a niche for themselves in Co-curricular activities as well.

- Three students of Department of Information Technology namely Mr. Kartikay Sehgal, Mr. Deeptanshu Goel and Ms. Anjali Verma got 2nd Prize in Technical Paper Presentation in an event organised by Computer Society of India.
- Mr. Amritpal Singh, Mr. Jasmeet Singh, Mr. Varinder Singh and Mr. Amit Mahey , the students of Electrical Engineering department under the guidance of Dr. Sudhir Sharma have received a grant of Rs. 25,000 from PTU for an IDP sponsored Project Work titled “ Intelligent Electricity Theft Controller”.
- Mr. Amritpal Singh of department of Electrical Engg. got the Best ISTE Student Award (North Zone).
- Many students’ clubs of the institute organise various events in the institute. Some of the pro-active clubs are Clicker Club (Photography), Pragyan (Quiz Club), Ashwa (dance club), Arteso (Fine Arts Club) and Alfaaz (Literary Club).

RESEARCH

The institute has created a niche for itself in research activities. The faculty and students of the institute are actively involved in research.

- Dr. Kanchan Lata Singh, Associate Professor and Head, Dept. of Applied Sciences has been granted patent in” Manufacturing of Fully Cubic Zirconia at Low Temperature Using Microwave Energy”.
- Dr. Sanjeev Saini, Assistant Professor, Department of Mechanical Engineering has filed 03 patents in Design and Fabrication of Hexagonal Cutting Lathe Machine, Design and Development of High Capacity Gear Assembly Used for Large Size High Torque Industrial Valves and Intelligent Anti-Theft Wheel Locking System and a Method There Of.
- Dr. Kanchan Lata Singh and Ms. Payal Sharma have filed another patent “A Process for Preparing YZT a mixed Conductor”.
- Dr. Sanjiv Naval, Associate Professor and Head, Department of Civil Engineering has filed a patent in “Concrete Mix” taking the tally of patents to 08.
- Dr. Sanjeev Saini has received the “Most Cited Article Award” from IJEE & M
- The research paper presented by Dr. Sanjeev Naval, Associate Professor and Head, Department of Civil Engineering received 2nd Best Paper award. The paper was presented during an International Geotechnical Engineering Conference organised by International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) and Indian Geotechnical Society (IGS).

Faculty Development and their knowledge updation is a matter of great concern to us. During the year many faculty members of the institute have upgraded their qualification

- Dr. M.K. Kaushik, Assistant Professor (ES), Department of Civil Engineering received the degree in Ph.D from National Institute of Technology, Jalandhar.
- Dr. Devinder Priyadarshi, Assistant Professor, Department of Mechanical Engineering acquired his Ph.D degree from National Institute of Technology, Hamirpur.
- Dr. Amit Sharma, Assistant Professor (Mathematics), Department of Applied Sciences and Dr. Rajeev Kumar, Assistant Professor, Department of Information Technology received their Ph.D degrees from Punjab Technical University, Jalandhar.
- Dr. Narinder K. Sharma, Assistant Professor (Communication Skills), Department of Applied Sciences, obtained his Ph.D degree from Guru Nanak Dev University, Amritsar.
- Mr. Sahul Goyal, Assistant Professor (MCA) and Mr. Sunil Kumar, AIW, Department of Mechanical Engineering received their M.Tech. Degrees from Punjab Technical University.
- Mr. Surjit Singh, Lab Assistant (IT) got the degree of M.Sc (IT)
- Dr. Kiran Ahuja, Assistant Professor, Department of ECE has received the Post-Doctoral Fellowship from National Institute of Technology, Jalandhar.
- Dr. Sudhir Sharma, Associate Professor and Head (EE) and Dr. Jagjit Malhotra, Associate Professor (ECE) received ISTE Best Teacher Award.
- Mr Manoj Kumar, Driver, received the Bachelor degree from GNDU, Amritsar

Conferences and Workshops

During the year the institute organised a good number of conferences and workshops.

- The Department of Applied Sciences and CSE organised a DST-SERB Sponsored two day National Conference on “Recent Trends in Numerical Analysis and Computational Techniques” on 28th and 29th March, 2017.
- National Science Day was celebrated on 6th March, 2017 and the same was funded by Punjab State Council for Science and Technology, Chandigarh.
- Department of RIC organised a workshop on 18th February, 2017 on the topic “Intellectual Property Rights”.
- The institute in collaboration with Biju Patnaik University of Technology and Nagarjuna College, Bangalore organised an International Inter-disciplinary Conference on “Engineering Science and Management” at Goa.
- The institute organised 3rd DAV National Congress on Sciences, Technology, Engineering, Humanities & Management (STEHM-16) in May, 2016.

Faculty Development/Training Programmes

- The institute in collaboration with NITTR Chandigarh organised a two week online faculty development programme on research methodology from 6th June to 17th June 2016.
- The in-house training was provided to the faculty on OBE and Bloom's Taxonomy on 12/08/2016.
- The department of Applied Sciences organised a seminar on "Opportunities in Material Sciences and Nanotechnology".

ISR and Extension Activities

- The students of the institute under NSS organise special classes under the mission "Education for socially deprived and under privileged children".
- The institute regularly organises Blood Donation and Eye Check Up camps in the institute.
- The students of the institute actively participate in the cleanliness drive under Swachh Bharat Abhiyan. Municipal Corporation Jalandhar allotted the work of maintenance of central verge of the road and triangle at Workshop Chowk
- 01 KM long human chain was made for voting awareness by the students of institute from Verka Milk Plant, Jalandhar. Around 1500 students of various streams took part in this formation on 31.1.17.
- The students & staff of our campus have participated with full dedication to promote Jalandhar to figure in the list of Smart Cities.
- Doordarshan Kendra, Jalandhar organized Election based "Janvani" Programme involving representative of political parties with an audience of about 100 students on 28th Jan, 2017 at DAVIET campus.
- The institute has adopted village "Bal", Dist. Jalandhar under National Digital Literacy Mission (NDLM), which is an initiative of Ministry of electronics and IT, Govt. of India to enable at least one person from each family to become computer literate. Under this initiative a survey was conducted at Village Bal to enrol villagers for computer literacy programme. Around 40 NSS volunteers took part in this exercise to collect the data from around 400 houses, which were willing to enrol for the course. After successful completion of course and qualifying in exam, participants will be given certificates by Ministry of electronics and IT, Govt. of India.
- The Institute has got approval under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) to train first batch of 25 students in sectoral/specialization titled "CNC Operator Machining Technician L3".The first batch has completed the training from Dec 10, 2016 to March 22, 2017.

MOUs/COEs

- The institute has signed an MOU with University of Ontario Institute of Technology Oshawa (Canada) for faculty and students exchange.
- M/s Sedulity Solutions & Technologies has established a COE for Cyber Security and Cyber Forensics.
- M/s. Texas Instruments has set an Innovation Lab in the institute
- Galileo Centre for Academic Excellence and Digital Library has been established in the institute.
- Kirloskar Oil Engines Ltd has agreed in principle to setup a centre of excellence in the institute s fully funded by KOEL. The process of setting up this facility at Institute has been started.

In the end, I once again on the behalf of my faculty and staff would congratulate all the winners and parents of all the achievers who are putting in their sincere efforts and bearing the fruit of their hard work. I would also like to thank the distinguished guests for joining us in celebrating the glory of achievements. I would be failing in my duty without thanking all the honourable members of the Governing body of DAVIET for their ample guidance, the worthy members of media and press for their unconditional and thorough support by providing us with the wide coverage.