



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's
SHARAD INSTITUTE OF TECHNOLOGY
COLLEGE OF ENGINEERING

Yadrav (Ichalkaranji) (Approved by AICTE,
Govt. of Maharashtra and Affiliated to
Shivaji University, Kolhapur)

TECHNO SIGHT

Department of General Engineering & Sciences



AY 2015-16
Volume-I
Issue-II

CHAIRMAN



Hon'ble Dr. Shri Rajendra Patil (Yadravkar)

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MR. ANIL BAGANE

PRINCIPAL



DR. SANJAY A. KHOT

From HOD Desk



I am very much glad to write my opinion to second issue of **Technosight** . I feel proud to represent the department where students take part in every activity and stamp their impression. The present volume contains the record of the activities done in the second semester of 2015- 16 .

OVERVIEW

1	Vision And Mission Of Department
2	Industrial Visit
3	Tribute to Dr. APJ Abdul Kalam
4	Dr. Kalam Abhinav Vaachan Sanskriti Divas
5	Visionary Personality : Dr. APJ Abdul Kalam
6	One Week Workshop On Soft Skills Training (FDP)
7	Value Addition Program (VAP)

Industrial Visit

Institute organizes industrial visits for students. The intention behind arranging such visits is to bridge the gap between institute and industry. The students visited Sharad Sugar Factory, Narande and Radhanagari Power plant. During the visit, they came to know about the mechanism used for power generation and hydraulic energy .



Radhanagari Dam



“Management is doing things right; leadership is doing the right things.”

- Peter Drucker

Students of FE with staff during the visit to Sharad Sugar factory Narande



Tribute to Dr APJ Abdul kalam



Students proclaimed obituary to Dr. A P J Abdul Kalam after his unexpected and painful demise. They bade farewell to their beloved and visionary president with tearful eyes. Students assembled in the seminar hall to pay tribute to Late Dr Kalam. Students shared some motivational speeches of Dr Kalam.

Principal Dr. S. A. Khot addressed the mob. He added that we lost a precious gem of the world and we would miss him. The students were motivated and obliged the organizers and they assured that they will walk on the path paved by Late President and will contribute in making India a super power.

Students proclaimed obituary to Dr. A P J Abdul Kalam by showing his bio- clips



“All of us do not have equal talent. But , all of us have an equal opportunity to develop our talents.”

- Dr. A. P. J. Abdul Kalam

DR. KALAM ABHINAV VAACHAN SANSKRITI DIVAS

Department of General Engineering & Sciences celebrated DR. KALAM ABHINAV VAACHAN SANSKRITI DIVAS. On this occasion student volunteers spread awareness of reading amongst students. Volunteers Mr. Sangram Patil, Sonalee Patil, Poonam Jasood visited and addressed all divisions of First Year Engineering. They read motivating articles from renowned books in front of the students to ignite the spirit of reading in the students. The FE students also anticipated the activity by showing interest. They assured that they will boost the habit of reading and also spread the awareness about reading.



“Management is doing things right; leadership is doing the right things.”

- Peter Drucker



Miss Sonalee Patil reading an article on the occasion of **Dr. Kalam Abhinav Vaachan Sanskriti Divas**



Dr. Abdul Kalam

Bharat Ratna Avul Pakir Jainulabdeen Abdul Kalam, generally known as Dr. A.P.J. Abdul Kalam, was the 11th President of India (2002-2007).. He worked with the Indian Space Research Organisation (ISRO) and Defence Research and Development Organization (DRDO) as an aerospace engineer before becoming the President of India. His work on the development of launch vehicle and ballistic missile technology had earned him the name of the 'Missile Man of India'.

Dr. A.P.J. Abdul Kalam was the visiting professor at the Indian Institute of Management, Indore; the Indian Institute of Management, Ahmedabad; and the Indian Institute of Management, Shillong. He was a professor of Aerospace Engineering at the JSS University in Mysore and at the Anna University in Chennai, apart from being an adjunct and visiting faculty at other research and academic institutions in India. He was the honorary fellow of the Indian Institute of Science, Bengaluru, and the Chancellor of the Indian Institute of Space Science and Technology at Thiruvananthapuram.

The nation honoured Dr Kalam with Bharat Ratna, the highest civilian award, in 1997 for his contribution in the field of scientific research, development and modernisation of technology in the defence sector of India.

- In 1990, he was awarded the Padma Vibhushan by the Indian Government for his work with the DRDO and ISRO and as scientific advisor to the Government.
- In 1981 he received the Padma Bhushan
- In 1998, the Government of India presented to him the Veer Savarkar Award.
- The Alwar Research Centre, Chennai, bestowed on him the Ramanujan Award in 2000.
- The University of Wolverhampton in UK bestowed on him the Honorary Doctorate of Science in 2007.
- California Institute of Technology, USA, honoured him with the International von Karman Wings Award in 2009.
- In 1997, the Indian National Congress conferred him with the Indira Gandhi Award for National Integration.
- He received the Hoover Medal from ASME Foundation, U.S.A, in 2009.
- The Royal Society of UK honoured him with the King Charles II Medal in 2007.
- In 2008, he received the Doctor of Engineering (Honoris Causa) from Singapore's Nanyang Technological University.
- In 2010 The University of Waterloo honoured him with the Doctor of Engineering In 2011, he became an honorary member of the IEEE.
- In 2012, the Simon Fraser University conferred on him the Doctor of Laws (Honoris Causa).
- In 2014, he received an honorary degree in Doctor of Science from Edinburgh University, UK.
- 2015 - The United Nations recognized Dr. Kalam's birthday as "World Student's Day".



Faculty Development Programme (FDP)

One week workshop on Soft Skills Training was organized for the faculties of First Year departments of Sharad Institute of Technology College of Engineering & Polytechnic, Yadrav from 26th November, 2015 to 01st December, 2015 for developing and inculcating soft skills among them.

The workshop aimed at motivating the faculty to become forbearers of soft skills and then they will cultivate it amongst the students, which is prime need of time. However, we were doing for the development of faculty and ultimately the students under the platform of FDP.

We organized various lectures, training sessions, panel discussions and presentations of various academicians and experts who encouraged the faculty to become ideals for students in soft skills. There was also the active support from the Executive Director, the Principal and faculty members of other departments too. Following sessions were conducted during the workshop:

- **Personality Development & SWOC Analysis of a Personality by Dr Dhananjay Deolalkar**
- **How to overcome the fear of public speaking by Dr. Sandip Patil.**
- **How to speak fluent English without using boring grammar by Dr. Sandip Patil**
- **English for Classroom Discourse by Dr. Audumbar Sarwade**
- **Developing interpersonal relationship by Dr. Ujwala Thate**
- **Introduction to Phonetics by Dr. R Y Chikodi**
- **The Phonetics by Dr. R Y Chikodi**

For valedictory function, we had Dr. R. Y. Chikodi as chief guest and academic dean Ms S V Dandge and HoD of GES Ms P M Swami as special presence. Ms. S. S. Kulkarni expressed her view on behalf of participants. Mr. Sachin S. Jadhav coordinator of workshop proposed vote of thanks of the valedictory function.



Value Addition Program (VAP) II Sem

Institute organizes **Value Addition Programs (VAP)** for students in order to render the hands-on skills in the students. The value addition program was arranged in the second semester 2016. It was for 7 days. The skilled trainer from industry Mr. Hunny Jain trained 'C language programming' skill to students. The students got benefited by the versatile knowledge of the trainer and showed interest in the activity. One of the trainee students Mr. Aditya Dhavale added that it was an amazing experience for them and would really use the knowledge in future. He also added that such kind of brainstorming activities would help them to cope with the problems they are facing regarding technology. Total 56 students were participated in this Value Addition Program. Mr V. V. Gondkar coordinated the program.



“We need to give importance to skill development because this way we can end unemployment”
Narendra Modi

FACULTY OF DEPARTMENT

Sr. No	NAME OF FACULTY	UNIVERSITY DEGREE	AREA OF SPECIALIZATION
1	Mr. U. A. Khot	M.Sc. NET	Chemistry
2	Dr. S. P. PATIL	M.Sc. Ph.D.	Physics
3	Mr. S. S. Jadhav	M.A.B.Ed SET, NET, Ph.D.(Persuing)	English
4	Mr. U. S. Siddharth	M.A.B.Ed SET, NET	English
5	Ms. P. M. Swami	M.Sc.	Maths
6	Mr. M. H. Kalawate	M. A. NET, SET	English
7	Dr. U. R. Biraje	M.Sc. Ph.D.	Maths
8	Ms. Priyanka Patil	M.Sc.	Chemistry
9	Ms. S. V. Dandage	M.Sc.	Maths

Department of General Engineering and Sciences



Staff members with Executive Director, Principal, Vice-Principal and Deans



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