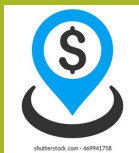




Bharatiya Vidya Bhavan's
Sardar Patel College of Engineering
(A Government Aided Autonomous Institute)
Munshi Nagar, Andheri (West), Mumbai – 400058.



HIGHLIGHTS OF PG PROGRAM – MACHINE DESIGN



PLACEMENTS



INTERNSHIPS



RESEARCH
FUNDING



EXPERT TALKS



VALUE ADDED
WORKSHOPS



EXTRA-CURRICULAR

PLACEMENT

- In-plant Training, Industry Projects, Industrial Visits give students opportunities of hands-on-experience and enhance their employability skills.
- Every year approximately 99 % of the eligible students get placement in various prestigious Industries.



TATA CONSULTING ENGINEERS LIMITED



Infosys

HCL



Schindler

- OUR RECRUITERS:

AXIS BANK, TATA CONSULTING ENGINEERS LIMITED,

INFOSYS, JOHN COCKERILL, HCL, SAFETY CIRCLE,

SCHINDLER, THYSSENKRUPP INDUSTRIAL SOLUTIONS (INDIA),

HASSIA PACKAGING PVT. LTD., SUJAN INDUSTRIES

CURRENT INTRENSHIP DATA


Sardar Patel College of Engineering, Mumbai Training & Placement Office List of Students attending Internship in Industry Academic Year 2020-21							
Sr. No.	Name of Student	Year	Sem	Branch	Name of Company	Duration	Month
1	Aditya Kakad	2nd Year	III	M.Tech- Machine Design	L&T , Electrical & Automation	30 Days	12th October,2020 to 17th May,2021
2	Vishal Kurle	1st Year	II	M.Tech- Machine Design	L & T Defense	1 Year	13th September, 2021 to 31st July, 2022
3	Bhooshan Kamble	1st Year	II	M.Tech- Machine Design	L & T Defense	1 Year	13th September, 2021 to 31st July, 2022
4	Abrar Attar	2nd Year	III	Machine Design	Tata Motors ltd	7 Months	8th November, 2021 to 31st July, 2022

INTERNSHIPS ARE ALSO PROVIDED AT




RESEARCH FUNDING




- Student & Faculty funds are available for attending and participating in national conferences.
- Availability of funds for Industrial visits/ Interactions
- Final year quality projects are funded.



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CONGRATULATIONS




Sardar Patel College of Engineering Congratulates Dr. Kiran Suresh Bhole, Dr. Nilesh Raykar and Dr. Kedarnath Rane, for receiving the approval of research grant from Science and Engineering Research Board (SERB), **Department of Science and Technology (DST) Government of India.**

Project Title: Investigation of Fractal Growth on the Curved Surfaces in Hele Shaw Flow.



Principal Investigator: Dr. Kiran Suresh Bhole, SPCE Mumbai
Co-Principal Investigator: Dr. Nilesh Raykar, SPCE Mumbai
Foreign Scientist/Institute Collaborator: Dr. Kedarnath Rane, National Manufacturing Institute Scotland.
Duration of Project: 3 Years
Cost of Project: Rs 32.44 Lakhs.



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CONGRATULATIONS



Sardar Patel College of Engineering Congratulates Prof. Sharad Rajaram Valvi for receiving the approval of research grant from Science and Engineering Research Board (SERB), **Department of Science and Technology (DST) Government of India.**

Project Title: Experimental and Numerical investigation of alumina micromachining process by Electrochemical discharge machining (ECDM).

Principal Investigator: Prof. Sharad Rajaram Valvi, SPCE Mumbai
Mentor : Prof. Pradeep Dixit, Associate Professor, Mechanical Engineering Department, IIT Bombay.

Duration of Project: 3 Years
Cost of Project: Rs 18.30 Lakhs.

EXPERT TALKS

Bharatiya Vidya Bhavan's SARDAR PATEL COLLEGE OF ENGINEERING

(Government Aided Autonomous Institute)
Andheri (W) Mumbai - 400058
MECHANICAL ENGINEERING DEPARTMENT
LANDLINE: 022-26232192 EMAIL: info_mech@spce.ac.in



Expert Lecture on **Power Plant Engineering & Management** by TESA-SPCE under TEQIP-III

TESA-SPCE organised a one day program of expert lectures titled '**Power Plant Engineering and Management**' under TEQIP-III on **08 May 2019** at Seminar Hall-119, SPCE. **Mr. Pavan K. Sharma**, Asst. Vice-President (Operations), Adani Dahanu Thermal Power Station, Dahanu delivered the lectures in the academic interest of students of Final Year B.Tech. (Mech.), Sem-VIII.

The program was inaugurated by **Prof. Dr.M.M.Murudi**, Vice-Principal and Head of Civil Engineering Department, SPCE. He appreciated TESA-SPCE for its continuous efforts of organising various activities for the academic benefit of students of Mechanical Engineering Department. **Prof. Dr.Nilesh Raykar**, Head of Mechanical Engineering Department, SPCE welcomed the guest speaker and also extended his valuable guidance to the gathering of students of Mechanical Engineering Department.



The expert speaker **Mr. Pavan K. Sharma**, Asst. Vice-President (Operations) had a prolonged and profound experience of over 20 years of thermal power plant operations with Dahanu Thermal Power Station (now Adani DTPS), Dahanu. The first lecture in first half session by Mr. Pavan K. Sharma was on "**Power Sector Scenarios in India**" which has given the clear picture of energy demand, generation capacity of various types of power plants in India.



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'Mathematics by Bhaskaracharya' Lecture on Indian Traditional Knowledge organised by TESA-SPCE under TEQIP-III

TESA-SPCE organised a Lecture titled '**Mathematics by Bhaskaracharya**' under TEQIP-III on **12th October 2018** at SPCE Seminar Hall-114. **Mr. Ujjwal Rane**, a distinguished academician, an experienced industry professional and an alumnus of Department of Mechanical Engineering, SPCE, delivered the lecture in the academic interest of students of **Second Year B.Tech. (Mech.), Semester-III**.



Prof. Dr.M.M.Murudi, Vice-Principal and Head of Civil Engineering Department, SPCE inaugurated the program and appreciated TESA-SPCE for its continuous efforts of organising various activities for the academic benefit of students of Mechanical Engineering Department.

Prof. Dr.Nilesh Raykar, Head of Mechanical Engineering Department, SPCE welcomed the guest speaker and also extended his valuable guidance to the gathering of students of Mechanical Engineering Department.

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Expert Lecture on **Ethical Management Practices and Leadership** by TESA-SPCE under TEQIP-III

TESA-SPCE organized a guest lecture on '**Ethical Management Practices and Leadership**' under TEQIP-III on **23rd January 2020** at SPCE Room no. 214. **Mr. Dara Byramjee**, a distinguished alumnus of Department of Mechanical Engineering, SPCE and Executive Vice-President and Business Head (Retd.) for Security Solutions Division of Godrej and Boyce Mfg. Co. Ltd. delivered this lecture for academic interest of students of **Second year, Third year and B. tech (Mechanical Engg.)**.

Total **33 students** attended this program.

During his lecture **Mr. Dara Byramji** shared his experiences of 40 years as a Team Leader with Godrej. He emphasized importance of Ethical Leadership in Management and illustrated by examples of his own professional experiences. The theory of leadership with definitions, and types of leadership was explained in the presentation. He proved the importance of collaborative work for generation of innovative ideas by sharing his life experiences.

Mr. Byramjee ended his lecture with a very motivational quote by Henry Ford,

*"Coming together is a beginning;
Keeping together is progress;
Working together is success."*



TRAININGS, WORKSHOPS & COURSES



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**Report on Two Day workshop Under TEQIP on
Industrial Automation**
27th November, 2019 to 28th November, 2019

A workshop was conducted on 27th and 28th November 2019 on 'Industrial Automation' at SPCE. This workshop was organized by the Mechanical Engineering Department and Electrical Engineering Department of SPCE in collaboration with Absolute Motion Pvt Ltd. The course focused on educating young engineering professionals on the use of PLC training kits. The training sessions laid a foundation to very essential skills in automation required by mechanical and electrical engineers. Students of 3rd and 4th year of the mechanical and electrical engineering departments participated in this workshop.



Finally, there was a theory MCQ test for the students to undertake. The students with the maximum right answers, and as per their general performance in the workshop, were evaluated to pick winners. The theory test tested concepts taught from the lectures.

The training sessions were conducted by Mr. Alister D'Silva, the Director of Absolute Motion Pvt Ltd, assisted by the engineers of his team. Overall, it was an informative and exciting experience to the participants. The students gained a basic understanding of PLC and the competitive task enabled them to think out-of-the-box quickly.

Report on Short Term Course on “Advances in Mechanical Engineering” at Rewa Engineering College (REC), Rewa, M. P.

Rewa Engineering College, Rewa, M. P. has organised Short Term Course (STC) on “Advances in Mechanical Engineering” on 24th and 25th September 2019. This course was organised under twinning activity with mentor institute Sardar Patel College of Engineering, Andheri (Mumbai). The primary objective of the symposium was to explore recent advances and trends in engineering and to focus on technology pertaining to industrial automation and fluid flow over bluff bodies. The course aimed to enrich the students, faculty and researchers in applying recent technology to find solutions of automation for various operations involved in industry. Course was also planned to deliver fundamental principles of design of thermal systems. To fulfil these objectives speakers from mentor institute were invited for the course. Total 65 participants were registered for this short term course.



Photograph 3: Lecture by Dr. Kiran S. Bhole



Photograph 4: Lecture by Dr. B. N. Bhasme

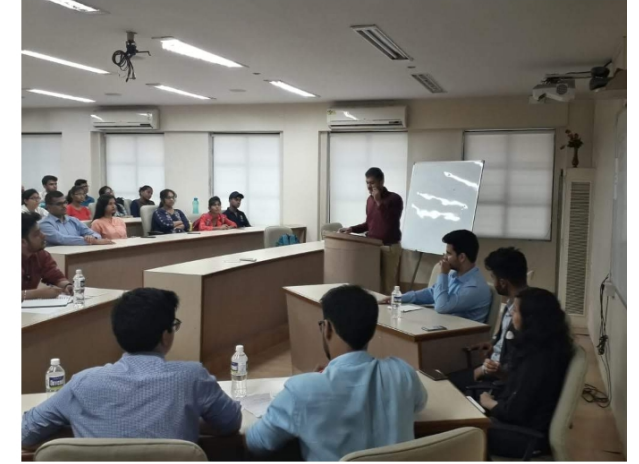
EXTRA-CURRICULAR

COLLEGE FESTIVALS & EVENTS

- SPACE
- SPECTRA
- SPCE- CUP
- PRARAMBH
- SPIRIT



Speakers Club Session on Model United Nations (MUNs)



SPCE AD 2018 Finals (Team SPCE Vs Team SPIT)

News & Events	Notices & Circulars	Schedules	Students Activity
Student Council	Students Club (CEA/EESA/MESA)		Student Placement Committee
SPACE	SPECTRA		SPCE Start-Up Cell
Speakers Club	Robocon Club		Entrepreneurship Cell
NCC	SPCE RACING		Debating Society
Competitions/Exams	ISHRAE		Newsletter
IET Event	TESA - SPCE		Magazine
IIIE-SPCE Student Chapter	SPCE WAVE		Photography Magazine
SAE Collegiate Club	SPSGIC		



PLACEMENT



INTERNSHIPS



RESEARCH FUNDING



EXPERT TALKS



INDUSTRY TRAINING & WORKSHOP



EXTRA-CURRICULAR