AMRUTA VAISHNVI EDUCATION & WELFARE TRUST'S

SHATABDI INSTITUTE OF ENGINEERING AND RESEARCH

AGASKHIND, Tal.-SINNAR, DIST. - NASHIK.

AICTE Mandatory Disclosure

SHATABDI INSTITUTE OF ENGINEERING AND RESEARCH

AGASKHIND, (Via Deolali Camp - Bhagur), Post-Shenit

Tal-Sinnar, District- Nashik, Maharashtra PIN –422502

Ph. No.:02551 - 304201, +91 9529012850,

Fax No. - (02551) 304200

Website : https://www.siernashik.org.in

Email: siermainoffice@gmail.com

principal@siernashik.org.in

Mandatory Disclosure

1. Name and address of the Institution

SHATABDI INSTITUTE OF ENGINEERING AND RESEARCH ,AGASKHIND.

(Via Deolali Camp - Bhagur), Post-Shenit , Tal-Sinnar, District- Nashik, Maharashtra PIN –422502

Ph. No.:02551 - 304201, +91 9529012850 , Fax No. - (02551) 304200
Website : https://www.siernashik.org.in , Email: siermainoffice@gmail.com

2. Name and address of the Trust and the Trustees

AMRUTA VAISHNAVI EDUCATION & WELFARE TRUST

Shri Ramkrushna nagar, E wing, Flat no. 403, 4th Floor, Near Pournima Talkies,

Kalyan, Dist. Thane – 421301, Post box no . 254

Ph. No.:02551 - 304201, +91 9529012850 , Fax No. - (02551) 304200
Website : https://www.siernashik.org.in , Email: siermainoffice@gmail.com

Name of Director	Position
Mrs. Veer Lalita Dattatray	Executive Trustee
Mr. Veer Dattatray Bhikaji	Trustee
Dr. Veer Pritam Dattatray	Trustee
Dr. Veer Sneha Pritam	Trustee
Mr. Veer Prashant Dattatray	Trustee
Mr. Veer Pankaj Dattatray	Trustee

3. Name and Address of the Principal

Principal – Dr. Pankaj Govindrao Vispute

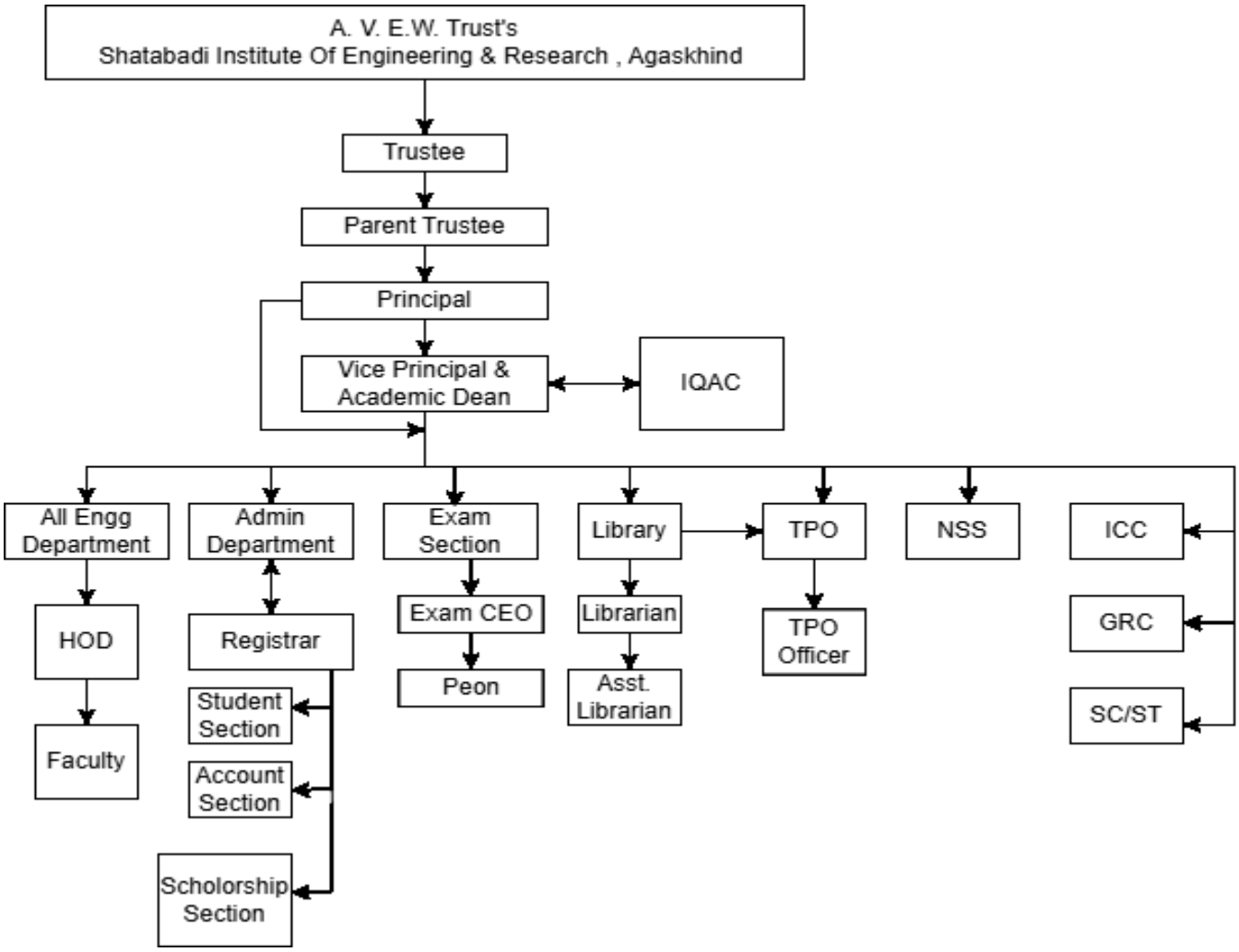
Address – Sr. no. 304/01, plot no. 46, Mahajan Nagar, Opposite Atul Dairy, Ambad Link road, Nashik – 422010

4. Name of the affiliating University

Savitribai Phule Pune University, Pune

5. Governance

i. Organizational chart



ii. Grievance Redressal mechanism for Faculty, staff and students

The institute is committed to resolving the grievances raised by its stakeholders. A staff grievance committee and a student grievance committee were established by the institute to handle different kinds of issues for the same reason. Additionally, suggestion boxes are offered to submit any type of grievance.

iii. Establishment of Anti Ragging Committee

Objectives

1. To function as per guidelines of University of Pune and AICTE
2. To arrange meetings of committee frequently particularly during the start of academic year.
3. To display Anti Ragging Flex in the Campus
4. To install Complaint/Suggestion Boxes for the matters with respect to ragging.
5. To investigate the complaints of the ragging received from the students (if any) by following stipulated procedure as per the law and recommend suitable punishment.
6. To ensure compliance with the provision of UGC regulation 2009 at the institute level.
7. To monitor and oversee the performance of anti-ragging squad in prevention of ragging in the institution.
8. The committee composed as above shall meet at least twice in a year to recommend preventive measures that can be adopted by the institute to prohibit, prevent and eliminate the menace of ragging in any form on campus of the Institute.

Sr. No.	Name Of Members	Particulars Of Members	Committee Designation
1.	Dr. Pankaj G. Vispute	Principal	Chairman
2.	Dr. S. P. Sonar	Vice Principal & Academic Dean	Member
3.	Dr. V. S. Chaudhari	HOD , E & TC Engg.	Member
4.	Prof. S. N. Patil	Exam CEO/ HOD, Electrical Engg.	Member
5.	Prof. S. D. Ratnakar	HOD, Mechanical Engg	Member
6.	Prof. P. M. Bhamare	Faculty , Mechanical Engg	Member Secretary
7.	Prof. A. B. Jadhav	HOD, Civil Engg	Member
8.	Prof. Bharat P. Netkar	Transportation Incharge	Member
9.	Hon. P. I. Sinnar	Representative Of Civil Administration	Member
10.	Mr. Ajay V. Patil	Media Representative	Member
11	Hon. Prerana V. Balkawade	Representative From NGO	Member
12	Adv. Vishal G. Balkawade	Legal Advisor	Member
13	Mr. Sunil D. Vighne	Representative Of Parents (CE)	Member
14	Mr. Dipak K. Shelar	Representative Of Parents (CO)	Member
15	Mr. Rahul S. Gegdmal	Representative Of Parents (EE)	Member

iv. Establishment of Online Grievance Redressal Mechanism

The institute is very much keen about addressing the grievances of its stakeholders. For the same purpose, the institute has an Online Grievance Redressal Mechanism provided on the Institute web site:

https://siernashik.org.in/wp-content/uploads/2025/04/1000022847.pdf

v. Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University

Students Grievance Redressal Committee

Sr. No.	Name of the Member	Particulars Of Members	Committee Designation
1.	Dr. Pankaj G. Vispute	Principal	Chairman
2.	Dr. S. P. Sonar	Vice Principal & Academic Dean	Vice Chairman
3.	Mr. S. N. Patil	Exam CEO/ HOD, Electrical Engg.	Member
4.	Mrs. P. Y. Sanvatsarkar	HOD, Computer Engg.	Member Secretary
5.	Ms. Switi Mankar	Student	Member
6.	Mr. Balraj Jadhav	Student	Member

Staff Grievance Redressal Committee

Sr. No.	Name of the Staff	Committee Designation	Contact No.
1.	Dr. P.G.Vispute	Chairman	9529012850
2.	Dr.G.K.Karate	Nominated by University	9604788280
3.	Dr.K.V.Chandratre	University Representative	9823416860
4.	Dr. S.P. Sonar	Member	9850745592
5.	Dr.V.S.Chaudari	Member	9850092769
6.	Prof. S.N. Patil	Member	9021642154
7.	Prof. S.D. Ratnakar	Member	9763110993
8.	Prof. P.Y.Savatsarkar	Member	7276776289
9.	Prof.A.B.Jadhav	Member	9527610113

vi. Establishment of Internal Committee (ICC)

Internal Complaint Committee

Objective

1. To develop a policy against sexual harassment of women at the Institute.

2. To ensure the implementation of the policy in letter and spirit through proper reporting of the complaints and their follow-up procedures.

3. To uphold the commitment of the Institute to provide an environment free of gender based discrimination.

4. To promote a social and psychological environment to raise awareness on sexual harassment

in its various forms.

5. To create a secure physical and social environment to deter any act of sexual harassment.

Sr. No.	Name of the Member	Committee Designation	Mobile Number
1.	Dr. P.G.Vispute	Chairman	9529012850
2.	Dr. S.P.Sonar	Member	9850745592
3.	Prof. S.N. Patil	Member	9021642154
4.	Dr.V.S.Chaudhari	Member	9850092769
5.	Prof.A.B.Jadhav	Member	9527610113
6.	Prof.P.Y.Savantsarkar	Member	9373774117
7.	Prof .L.R.Thakare	Member	7020287035
8.	Prof. S. D. Ratnakar	Member	9763110993

vii. Establishment of Committee for SC/ST

Objectives :

1. Ensure Equal Opportunity and Social Justice to the Scheduled Caste and Scheduled Tribes students by providing them equal opportunities in the fields of education.
2. To spread the awareness that students belonging to the category get their scholarship and other benefit from the various schemes of the government
3. To ensure equality among all the staff and students by counseling and sensitizing the stakeholders.
4. To inform the SC/ST students regarding various scholarships/program of State Govt. and UGC.
5. To hear and resolve the issues/complaints if any

Sr. No.	Name of the Member	Particulars Of Members	Committee Designation
1.	Dr. P. G. Vispute	Principal	Chairperson
2.	Dr. S. P. Sonar	Vice Principal & Academic Dean	Vice Chairperson
3.	Prof. D. R. Katare	Faculty, Electrical Engg.	Co-Ordinator
4.	Prof. A. N. Hire	Faculty, Computer Engg.	Member
5.	Prof. S. S. Sonawane	Faculty, Mechanical Engg.	Member
6.	Tejal Gagare	Student	Member
7.	Akash Vaidya	Student	Member

viii. Internal Quality Assurance Cell (IQAC)

The primary aim of IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. It also promotes the measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Sr. No.	Name of the Member	Particulars Of Members	Committee Designation
1.	Hon. Shri. Pritam Veer	Parents Trustee	Chairman
2.	Dr. P. G. Vispute	Principal	Member
3.	Dr. S. P. Sonar	Vice Principal & Academic Dean	Member
4	Mr. Tijio Thomas	Member From Industry	Member
.5	Prof. Swapnil D. Ratnakar	HOD, Mechanical Engg.	Co - Ordinator
6	Prof. Sidhhant N. Patil	HOD, Electrical Engg.	Member
7	Dr. Vivek S. Chaudhari	HOD, E & TC Engg.	Member
8	Ms. Latika R. Thakare	HOD, Applied Science	Member
9	Prof. Priyanka Y. Sanvatsarkar	HOD, Computer Engg.	Member
10	Prof. Akash B. Jahdav	HOD, Civil Engg.	Member
11	Prof. G. V. Mahajan	TPO, SIER	Member
12	Mr. Umesh V. Durgude	Non Teaching Representative	Member
13	Mr. Ganesh K. Ugale	Non Teaching Representative	Member
14	Mr. Rupesh Dadapi	Student	Member
15	Ms. Vrushali Andale	Student	Member
16	Mr. Vikram S. Gegadmal	Student	Member
17	Ms. Janhavi D. Shelar	Student	Member

ix Equal Opportunity facilities Cell

Objectives :

1.To ensure equity and equal opportunity to the community at large in the college and bring about social inclusion.

2. To enhance the diversity among the students, teaching and non-teaching staff population and at the same time eliminate the perception of discrimination.

3. To create a socially congenial atmosphere for academic interaction and for the growth of healthy interpersonal relationships among the students coming from various social backgrounds.

4. To make efforts to sensitize the academic community regarding the problems associated with social exclusion as well as aspirations of the marginalized communities.

Sr. No.	Name of the Staff	Particulars Of Members	Committee Designation
1.	Dr. P.G.Vispute	Principal	Chairman
2.	Dr. S. P. Sonar	Vice Principal & Academic Dean	Member
3.	Mrs. P.V.Savantsarkar	HOD, Computer Engg.	Student Welfare Officer
4.	Mr. S.N. Patil	Exam CEO/ HOD, Electrical Engg.	staff representative
5.	Mrs. S.J.Jadhav	Assistant Professor	staff representative
6.	Mrs. Simntanitai Kokate	Social Worker	Social Worker
7.	Mrs. Prerna Balkawade	Social Worker	NGO Member
8.	Mr. Rupesh Dadapi	Student	Student representative
9.	Ms. Pranjal Deore	Student	Student representative

6. Programmes

i. Name of Programmes approved by AICTE

Sr. No.	Programme Level	Name of the Programme / Course
1	Under-Graduate	Civil Engineering
2		Computer Engineering
3		Electrical Engineering
4		Electronics & Telecommunication Engineering
5		Mechanical Engineering

ii. Name of Programmes Accredited by NBA : Nil

iii. Status of Accreditation of the Courses : Nil

iv. Total number of Course : 05

v. For each Programme the following details are to be given (Preferably in Tabular form):

7. Faculty

i. Course/Branch wise list Faculty members

Department: Electronics and Telecommunication Engineering

Sr. No.	Name of faculty	Designation	Date of joining	Experience in years
1	Dr. Pankaj Govindrao Vispute	Principal	21/05/2009	31 Yr 04 M
2	Mrs. Pratiksha Nikhil More	Asst. Professor / HOD	14/02/2022	04 Yr
3	Mrs. Anjali Dilip Patil	Asst. Professor	01/01/2018	08 Yr
4	Mrs. Sapana Janardan Jadhav	Asst. Professor	09/12/2022	08 Yr
5	Mrs. Charushila Rajesh Thorat	Asst. Professor	28/07/2025	04 Yr 05 M
6	Mrs. Shital Ramnath Jagale	Asst. Professor	13/08/2025	01 Yr 02 M
7	Mrs. Ashwini Namdeo Hire	Asst. Professor	04/08/2025	01 Yr
8	Mr. Prashant Sanjay Pawar	Asst. Professor	22/12/2025	1.5 Yr

Department: Mechanical Engineering

Sr. No.	Name of Faculty	Designation	Date of Joining	Experience in Years
1	Mr. Swapnil Dipak Ratnakar	Assistant Professor / HOD	15/06/2010	15 Yr 07 M
2	Mr. Gokul Vasant Mahajan	TPO/Assistant Professor	05/08/2024	14 Yr 05 M
3	Mr. Shailesh Subhash Sonawane	Asst. Professor	01/10/2022	06 Yr
4	Mr. Piyush Mothabhau Bhamare	Asst. Professor	08/03/2023	06 Yr 9 M
5	Mrs. Hrucha Yogesh Lathe	Asst. Professor	19/12/2025	2 Yrs
6	Mr. Sachin Ramakant Ahire	Asst. Professor	19/12/2025	1 Yr
7	Mr. Yogesh Shantaram Lathe	Asst. Professor	19/12/2025	1.5 Yr
8	Ms. Bothe Manisha Mahendra	Asst. Professor	22/12/2025	1 Yr
9	Ms. Pawar Vrushali Sushant	Asst. Professor	22/12/2025	1.5 Yr

Department: Computer Engineering

Sr. No.	Name of Faculty	Designation	Date of Joining	Experience in Years
1	Mrs. Snehal Mohan Patel	Asst. Professor / HOD	01/01/2026	03 Yr
2	Ms. Mayuri Sunil Deore	Asst. Professor	24/02/2025	03 Yr 02 M
3	Ms. Pooja Maroti Jadhav	Asst. Professor	03/03/2025	00 Y 09 M
4	Mrs. Khairnar Kunika Dipak	Asst. Professor	19/12/2025	1 Yr
5	Dr. Deepak Gupta	Asst. Professor	19/12/2025	08 Yr
6	Mrs. Chandwade Jyoti Swapnil	Asst. Professor	19/12/2025	3 Yr
7	Mr. Ohal Rushikesh Sanjay	Asst. Professor	23/12/2025	1.5 Yr

Department: Civil Engineering

Sr. No.	Name of Faculty	Designation	Date of Joining	Experience in Years
1	Mr. Akash Bhaurao Jadhav	Associate Professor / HOD	16/09/2022	04 Yr 2 M
2	Ms. Akruti Amol Odhane	Asst. Professor	09/09/2025	01 Yr
3	Mr. Minakshi Yashwant Shinde	Asst. Professor	11/09/2025	01 Yr
4	Mr. Prakash Babaraje Shinde	Asst. Professor	01/01/2026	08 Yr
5	Mr. Bhushan Pandurang Ise	Asst. Professor	01/12/2020	6 Yr

Department: Electrical Engineering

Sr. No.	Name of Faculty	Designation	Date of Joining	Experience in Years
1	Dr. Sapna Pradip Sonar	Academic Dean & Vice Principal	26/12/2021	21 Yr 09 M
2	Mr. Siddhant Nanabhau Patil	Asst. Professor / HOD	26/06/2016	14 Yr 10 M
3	Ms. Deepti Ravindra Katare	Asst. Professor	01/09/2023	05 Yr
4	Mr. Kalpesh Sukalal Chaudhari	Asst. Professor	11/07/2022	12 Yr
5	Mr. Shubhangi Nitesh Tayade	Asst. Professor	21/05/2025	09 Yr 02 M
6	Dr. Shalini Gupta	Asst. Professor	19/12/2025	8 Yr
7	Mr. Boraste Adesh Shivaji	Asst. Professor	19/12/2025	1 Yr
8	Mr. Pagar Ganesh Prabhakar	Asst. Professor	19/12/2025	1.5 Yr

Department: Applied Science

Sr. No.	Name of Faculty	Designation	Date of Joining	Experience in Years
1	Ms. Latika Rajendra Thakare	Asst. Professor / HOD	26/07/2021	04 Yr 06 M
2	Mrs. Jyoti Ashok Waje	Asst. Professor	03/09/2025	04 Yr
3	Ms. Dhanshree Ramdas Thapekar	Asst. Professor	01/09/2025	00 Yr 06 M
4	Mr. Deore Karan Sunil	Asst. Professor	22/12/2025	1 Yr
5	Mr. Rayate Shital Prabhakar	Asst. Professor	25/12/2025	1 yr 6 M

ii. Permanent Faculty : Regular faculty (UGC Approved/Probation/Adhoc)

iii. Adjunct Faculty : Nil

iv. Permanent Faculty: Student Ratio : 1:20

8. Profile of Principal

i	Name	Dr. (Prof.) Pankaj Govindrao Vispute 	
ii	Date of Birth	03/03/1977	
iii	Unique ID	1-1505461762	
iv	Education Qualification	BE (E&TC), ME (E&TC), PhD (E&TC)	
v	Work Experience	Teaching	24 Yrs.
		Research	02 Yrs.
		Industry	NA
		Others	NA
vi	Area of Specialization	Digital Electronics	
vii	Courses Taught	Under Graduate	Basic Electronics, Basic Electrical, Integrated Circuits, NA, Digital Communication….
		Post Graduate	NA
viii	Research Guidance	NA	
ix	No. of papers published in National/ International Journals/Conferences (During Research Guidance)	21	
x	Master (Completed/Ongoing)	02	
xi	Ph.D. (Completed/Ongoing)	02	
xii	Project Carried out	25	
xiii	Patents (Filed & Granted)	02	
xiv	Technology Transfer	NA	
xv	Research Publications (No. of papers published in National/International Journals/Conferences)	15	
xvi	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	01	

9. Staff Profiles

https://drive.google.com/drive/u/1/folders/1LdwV4ISGOpGIf1iKq47Xp4jt5_Ey9mXz

10. Admission

i. Number of seats sanctioned with the year of approval

Course/Branch	Year of Approval	Intake
Civil Engineering	2009	27
Computer Engineering	2009	27
Electrical Engineering	2009	30
Electronics & Telecommunication Engineering	2009	27
Mechanical Engineering	2009	27

ii. Number of Students admitted under various categories each year in the last three years

Under Graduate

Shatabdi Institute Of Engineering & Research						
On Roll Student						
A Y 2025 - 26						
Sr.No	**Branch**	**Year**				
		I	II	III	IV	Total
1	CE	27	31	10	2	70
2	ME	27	30	4	5	66
3	EE	30	33	30	12	105
4	E &TC	27	30	28	16	101
5	CO	28	30	30	20	108
		139	**154**	**102**	**55**	**450**

Shatabdi Institute Of Engineering & Research							
On Roll Student							
A Y 2024 - 25							
Sr.No	**Branch**		**Year**				
		BE	TE	SE	DSE	FE	Total
1	CE	11	10	1	11	10	43
2	EE	3	18	1	31	13	66

3	ME	2	7	1	20	12	42
4	CO	19	20	6	24	22	91
5	E&TC	20	17	5	26	13	81
		55	**72**	**14**	**112**	**70**	**323**

Student Academic Year 2023 - 2024							
Sr.No	**Branch**	**FE**	**SE**	**TE**	**BE**	**Appeared**	**Passed**
1	Civil	8	24	11	10	53	22
2	Computer	7	29	27	26	89	66
3	E &TC	4	26	23	18	71	49
4	Mechanical	4	29	9	19	61	15
5	Electrical	3	33	26	13	75	30
	Total	**26**	**141**	**96**	**86**	**349**	**182**

Student For A Y 2022 - 23							
Sr.No	**Branch**	**FE**	**SE**	**TE**	**BE**	**Appeared**	**Passed**
1	Civil	4	29	28	33	93	64
2	Computer	22	29	29	34	112	85
3	Mechanical	2	16	23	28	66	52
4	Electrical	7	33	29	33	101	67
5	E & TC	9	27	28	11	71	55
		44	134	137	139	443	323

11. Admission Procedure

i. Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)

Admission test	Name and address of the Test Agency	URL (website)
MHT-CET (Common Entrance Test)	State Common Entrance Test Cell, Maharashtra State 8th Floor, New Excelsior Building, A K Nayak Marg, Fort, Mumbai : 400001 (M.S.)	https://cetcell.mahacet.org/
Joint Entrance Test- JEE Main	National Testing Agency Block C-20 1A/8, Sector 62, IITK Outreach Centre, Gautam Buddh Nagar, Noida : 201309	https://jeemain.nta.ac.in/

ii. Number of seats allotted to different Test Qualified candidate separately (AIEEE//JEE/ CET (State conducted test/ University tests/ CMAT)/ Association conducted test etc.)

Maharashtra State Quota	All India Quota	Institute Level Quota
85 % of Sanction Intake	15 % of Sanction Intake	20 % of Sanction Intake

iii. Calendar for admission against Management quota seats:

The institute conducts admission process for filling the management quota / vacant seats as per the schedule and guidelines issued by competent authority (MH-CET Cell).

iv. The policy of refund of the Fee, in case of withdrawal, shall be clearly notified

The Admission Information Brochure, which is released by the appropriate authority MH-CET Cell, outlines the rules regarding fee refunds in the case of withdrawal. According to the brochure, the institute is required to return all of the candidate's fees, except a deduction of Rs. 1000/- for processing expenses, before the cutoff date for admission.

12. Criteria and Weightages for Admission

i. Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

(i) The Candidate should be an Indian National;

(ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and The Candidate should have appeared in all the subjects in MHT-CET and should obtain non zero score in MHT-CET; Or

(ii) Passed minimum 3 years Diploma in Engineering and Technology and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only); Or

(ii) Passed three years D. Voc. Stream in the same or allied sector;

ii. Mention the minimum Level of acceptance, if any

https://cetcell.mahacet.org/2024-2025/

iii. Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

- For First Year Admission

https://fe2024.mahacet.org/StaticPages/HomePage

- For Direct Second Year Admission

  https://dse2024.mahacet.org.in/dse24/index.php/hp_controller/instwiseallotment

iv. Display marks scored in Test etc. and in aggregate for all candidates who were admitted

https://fe2023.mahacet.org/StaticPages/HomePage?did=475

13. Information of Infrastructure and Other Resources Available

i. Number of Class Rooms and size of each

Sr. No.	Total No. of Class Rooms	Avg. Size of Class Room (Sq.M.)
1	18	74.5 Sq. M. / Each

ii. Number of Tutorial rooms and size of each

Sr. No.	Total No. of Tutorial Rooms	Avg. Size of Tutorial Room (Sq.M.)
1	5	74.5 Sq. M. / Each

iii. Number of Laboratories and size of each

Sr. No.	Total No. of Laboratories	Avg. Size of Laboratory (Sq.M.)
1	40	74.5 Sq. M. / Each

iv. Number of Computer Centres with capacity of each

Sr. No.	Total No. of Computer Centres2	Avg. Size of Computer Centre (Sq.M.)
1	7	74.5 Sq. M. / Each

v. Central Examination Facility, Number of rooms and capacity of each

Sr. No.	Total No. of Rooms	Avg. size of Each Room (Sq.M.)
1	2	74.5 Sq. M. / Each

vi. Online examination facility (Number of Nodes, Internet band width, etc.)

- Number of Nod : 01
- Internet band width : 100 Mbps

vii. Barrier Free Built Environment for disabled and elderly persons

The institute adheres to government policies to accommodate the needs of students with disabilities. This includes providing a wheelchair, ramp, and appropriate restrooms; extra time and a writer in the examination hall in accordance with university regulations etc.

ix. Hostel Facilities

Sr. No.	Hostel	No. of Students
1	Boys Hostel	30
2	Girls Hostel	25
	Total	45

x. Number of Library books/e-books/Titles/Journals available (Programme-wise)

Sr. No.	Course	Total No. of Title	Total No. of Volume
1	Computer Engineering	637	2125
2	Mechanical Engineering	461	2258
3	Civil Engineering	336	1341
4	E &TC Engineering	269	2250
5	Electrical Engneering	268	2116
6	Applied Science	188	870
Total		2159	11020

xi. List of online National/International Journals subscribed

Sr. No.	Branch	National	International
1.	Civil Engineering	4	2
2.	Computer Engineering	8	4
3.	Electrical Engineering	8	4
4.	E&TC Engineering	8	4
5.	Mechanical Engineering	8	4
6.	Applied Science	4	2
Total		40	20

List of online National/ International Journals subscribed

Sr. No.	Package	Login URL
1	DELNET	https://delnet.in/

List of Major Equipment/Facilities in each Laboratory/Workshop

1. Department of Civil Engineering:

Amruta vaishanvi educational welefare Trust's
Shatabdi Institute of Engineering & Research
A/p- Agaskhind, Tal-Sinnar, Dist-Nashik
Via Deolali Camp-Bhagur-Pandhurli, Sinnar-Ghoti Highway,
Department of Civil Dept

Sr.No.	Name of the Lab	Total cost of Lab	Lab Area (In Sq M)	Location B & C Building
1	CAD LAB	72009	66.02	Ground Floor (B Building)
2	GEOTRCHNICAL LAB	426650	81.85	Ground Floor (B Building)
3	TRE LAB	188054.5	80.8	Ground Floor (B Building)
4	SUREVY LAB	661230	80	Ground Floor (B Building)
5	CT & SOMLAB	747137	92.49	Ground Floor (B Building)
6	ENVIRMENTAL LAB	418155	90.89	First Floor (C Building)
7	FM LAB	893224	91.5	Ground Floor (C Building)
	Total	3406459.5		

Total number of labs=6

Sr.no.	Name	location	Area (In Sq M)
1	HOD Cabin	B017	17.86
2	classroom SE	B213	94.78
3	classroom TE	B131	34.62
5	Departmental office	B017	13.56

Mrs. A.B.Jadhav
HOD

Shatabdi Instituteof Engineering & Research
Civil Engineering Department
CAD LAB

SR.NO.	NAME OF MATERIAL	NO. OF QUANTITY	VALUE PER UNIT	INVOIVE NO. AND DATE	TOTAL COST
1	DSKTP EDU ALNG LIC SAPK OLVE 1Y	15	2548	0831 20/5/2011	38219
2	EPSON LQ 300 DOT MATRIX PRINTER	1	9240	473 28/4/2011	9240
3	1 YRS QUICK HEAL INTERNET SECURITY	5	360	7345 12/4/2013	1800
4	GRAM++-GIS	1	21000	0001 19/4/2016	21000
5	SAP & E-TABS	10	20000	468 27/4/2016	
6	RESIST	10	2000	468 27/4/2016	
8	10 MOUSE	10	175	5359	1750

Shatabdi Institutcof Engineering & Research

Civil Engineering Deparlment

CONCRETE TECHNOLOGY

SR.NO.	NAME OF MATERIAL	NUMBER OF QUANTITY	VALUE PER UNIT	INVOICE NO. AND DATE	TOTAL VALUE
1	Blain air Permeability Apparatus	1	2150	01756 5/12/2011	2150
2	Slump Test Apparatus	2	1250	01756 5/12/2011	2500
3	Vicat Needle Apparatus	1	2150	01756 5/12/2011	2150
4	Le-chatelier Mould apparatus	1	1800	01756 5/12/2011	1800
5	le-chatelier Flask	1	1450	01756 5/12/2011	1450
6	Fine sieve 20 cm dia Brass	16	450	01756 5/12/2011	7200
7	90 micron sieve 20 cm Dia Brass	1	600	01756 5/12/2011	600
8	75 micron fine sieve 20 cm Dia Brass	1	700	01756 5/12/2011	700
9	Lid and Pan for 20 cm dia Sieve	1	500	01756 5/12/2011	500
10	Coarse Sieve -45 cm Dia GI	14	500	01756 5/12/2011	7000
11	lid and Pan for 45 cm dia Sieve	1	500	01756 5/12/2011	500
12	length guage	1	450	01756 5/12/2011	450
13	Flakiness guage	1	450	01756 5/12/2011	450
14	Aggregate Impact testing Machine	1	7500	01756 5/12/2011	7500
15	aggregate Crushing value apparatus 15 cm	1	3650	01756 5/12/2011	3650
16	compaction factor apparatus	1	14500	01756 5/12/2011	14500
17	Vee bee consistometer	1	17250	01756 5/12/2011	17250
18	Concrete test Hammer	1	18500	01756 5/12/2011	18500
19	Cube MOULD 15 CM	9	1050	01756 5/12/2011	9450
20	CUBE MOULD 7.06 CM	9	550	01756 5/12/2011	4950
21	GUAGING TROWEL	1	350	01756 5/12/2011	350
22	GI TRAY 12 "*12"	2	250	01756 5/12/2011	500
23	GI TRAY 18 "*18"	2	350	01756 5/12/2011	700
24	GI TRAY 24"*24"	2	450	01756 5/12/2011	900
25	GI TRAY 1000*1000*50 MM	2	1850	01756 5/12/2011	3700
26	Hot Air Oven	1	21800	01861 18/12/2011	21800
27	beam mould	3	4500	82 2015-16	13500
28	cylindrical mould	3	2150	82 2015-16	6450
29	laboratory balance	1	18387	1168 16/11/2016	18387
30	concrete cube mould	6	950	020/2 31/10/18	5700

GEOTECHNICAL ENGINEERING

SR NO	NAME OF MATERIAL	NO OF QUANTITY	VALUE PER UNIT	INVOICE NO AND DATE	TOTAL COST
1	HOT AIR OVEN	1	12500	1256 17/9/2011	12500
2	LABORATORY BALANCE	1	8500	1256 17/9/2011	8500
3	MOISTURE CANE	10	55	1256 17/9/2011	550
4	ASBESTOS HAND GLOVES	1	150	1256 17/9/2011	150
5	PYCNOMETER BOTTLE	6	450	1256 17/9/2011	2700
6	SPECIFIC GRAVITY BOTTLE	6	450	1256 17/9/2011	2700
7	FINE SIEVE SET	3	3500	1256 17/9/2011	10500
8	LABORATORY BALANCE	1	8500	1256 17/9/2011	8500
9	SIEVE SHAKER	1	19500	1256 17/9/2011	19500
10	SIEVE BRUSH	1	150	1256 17/9/2011	150
11	SOIL HYDROMETER WITH JAR	1	1650	1256 17/9/2011	1650
12	LIQUID LIMIT DEVICE HAND OPERATED	1	2450	1256 17/9/2011	2450
13	PLASTIC LIMIT DEVICE	1	1250	1256 17/9/2011	1250
14	SHRINKAGE LIMIT SET WITH MERCURY	1	3500	1256 17/9/2011	3500
15	CONE PENETROMETER	1	6500	1256 17/9/2011	6500
16	CORE CUTTER WITH DOLLY	1	1950	1256 17/9/2011	1950
17	SAND POURING CYLINDER	1	2600	1256 17/9/2011	2600
18	WATER RELACEMENT KIT	1	4500	1256 17/9/2011	4500
19	STANDARD SAND BAG	1	1250	1256 17/9/2011	1250
20	PROCTOR MOULD 100 MM DIA WITH RAMMER	1	1600	1256 17/9/2011	1600
21	PROCTOR MOULD 150 MM DIA WITH RAMMER	1	2400	1256 17/9/2011	2400
22	CONSOLIDATION APPARATUS	1	38700	1256 17/9/2011	38700
23	SWELL TEST APPARATUS	1	42000	1256 17/9/2011	42000
24	GRAIN SIZE ANALYSIS APPARATUS	1	8000	1256 17/9/2011	8000
25	TRAY	1	450	1306 26/9/2011	450
26	DIRECT SHEAR APPARATUS	1	54000	1306 26/9/2011	54000
27	LATERAL PRESSURE ASSEMBLY	1	21000	1306 26/9/2011	21000
28	OIL / WATER CONSTANT PRESSURE ASSEMBLY	1	54000	1306 26/9/2011	54000
29	TRIAXIAL CELL	1	24000	2127 29/1/2012	24000
30	ACCESSORIES	1	10500	2273 15/2/2012	10500
31	VANE SHEAR APPARATUS	1	24500	172 22/4/2012	24500
32	LOAD FRAME TESTING MACHINE	1	54000	1448 17/10/2011	54000
				Total	426650

3	Department Advisory Board (DAB)	✓

BASIC CIVIL AND SURVEYING LAB

SR.NO.	NAME OF MATERIAL	NO. OF QUANTITY	VALUE PER UNIT	INVOICE NO AND DATE	TOTAL VALUE
1	CROSS STAFF OPEN WITH IRON POLE	4	290	066 7/5/2009	1160
2	CHAIN 20 M	4	619	066 7/5/2009	2476
3	CHAIN 30 M	4	690	066 7/5/2009	2760
4	DUMPY LEVEL WITH STAND	4	2950	066 7/5/2009	11800
5	AUTO LEVEL WITH THE ALUMINIUM STAND	4	6090	066 7/5/2009	24360
6	METALLIC TAPE 30 M	6	329	066 7/5/2009	1974
7	LEVELLING STAFF ALUMINIUM 4 M	4	950	066 7/5/2009	3800
8	PLANE TABLE WITH ACCESSORIES AND TRIPOD	4	1900	066 7/5/2009	7600
9	PRISMATIC COMPASS WITH STAND	4	1190	066 7/5/2009	4760
10	RANGING ROD 3M	20	129	066 7/5/2009	2580
11	RANGING ROD 2M	20	119	066 7/5/2009	2380
12	THEDOLITE WITH ALUM. STAND	2	8900	066 7/5/2009	17800
13	ARROWS	20	19	066 7/5/2009	380
14	ULTRASONIC DISTANCE METER	1	16500	1307 26/9/2011	16500
15	DIGITAL PLANIMETER	1	39000	1768 5/12/2011	39000
16	GLOBAL POSITIONING SYSTEM	1	27500	1768 5/12/2011	27500
17	DIGITAL THEDOLITE	1	48000	1768 5/12/2011	48000
18	TOTAL STATION	1	215000	1768 5/12/2011	215000
19	DUMPY LEVEL WITH STAND	2	6500	1815 11/12/2011	13000
20	SURVEYORS COMPASS	2	1400	1815 11/12/2011	2800
21	1"THEDOLITE	1	136900	258 27/3/2013	136900
22	20" THEDOLITE	2	16500	258 27/3/2013	33000
23	MIRROR STEREOSCOPE	1	20700	258 27/3/2013	20700
24	NAUTICAL SEXTANT	1	11500	258 27/3/2013	11500
25	SATELLITE IMAGES	1	13500	258 27/3/2013	13500
				Total	66123

TRANSPORTATION LAB

SR NO	NAME OF MATERIAL	NO.OF QUANTITY	VALUE PER UNIT	INVOICE NO AND DATE	TOTAL VALUE
1	CBR APPARATUS	1	38,175	086 27/06/2014	38175
2	STANDARD PENETROMETER FOR BITUMEN	1	5587.5	086 27/06/2014	5587.5
3	RING AND BALL APPARATUS	1	7155	086 27/06/2014	7155
4	DUCTILITY TESTING APPARATUS	1	35775	086 27/06/2014	35775
5	MARSHALL STABILITY TESTING APPARATUS	1	43725	086 27/06/2014	43725
6	TAR VISCOMETER APPARATUS	1	7500	086 27/06/2014	7500
7	FLASH AND FIRE POINT APPARATUS	1	8362	086 27/06/2014	8362
8	ABRATION TESTING MACHINE	1	33075	086 27/06/2014	33075
9	BITUMEN EXTRACTOR	1	8700	086 27/6/2014	8700
				Total	188054.5

Advisory Board (DAB)

SOM LAB

SR.NO.	NAME OF MATERIAL	NO. OF QUANTITY	VALUE PER UNIT	INVOICE NO. AND DATE	TOTAL COST
1	COMPRESSION TESTING MACHINE	1	175000	01256 17/09/2011	175000
2	TILE FLEXURAL STRENGTH TESTING MACHINE	1	59500	1256 17/9/2011	59500
3	TILE ABRASION TESTING MACHINE	1	59500	1448 17/10/2011	59500
4	TORSION TESTING MACHINE	1	165000	1814 11/12/2011	165000
5	MECHANICAL EXTENSOMETER	1	27000	1814 11/12/2011	27000
6	BENDING BEAM APPARATUS	1	5400	060 9/4/2012	5400
7	BRICK TESTING ATTACHMENT	1	4500	2434 7/3/2012	4500
8	SHEAR TEST -DOUBLE SHEAR	1	28000	0979 22/7/2012	28000
9	UNCONFINED COMPRESSION TESTER	1	48000	1448 17/10/2011	48000
				Total	571900

2.Department of Computer Engineering:

Shatabdi Institute of Engineering and Research						
Dead Stock Verification Report for AY 2024 - 25						
Department		Computer		Lab	CN Lab	
Day and date of				Lab. No	B005	
List of Machinery and Equipment						
Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Availa ble	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i3 4-Gb Ram HHD-500 Gb	SIER/Comp/CNL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01	4	4		Working
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-06				

Shatabdi Institute of Engineering and Research						
Dead Stock Verification Report for AY 2024 - 25						
Department		Computer		ame of L	Project Lab	
Day and date of				Lab. No	B006	
List of Machinery and Equipment						
Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Availa ble	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i3 4-Gb Ram HHD-500 GB	SIER/Comp/PRL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01	1	1		Working
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-				

Shatabdi Institute of Engineering and Research

Dead Stock Verification Report for AY 2024 - 25

Department	Computer	Lab	PL Lab
Day and date of		Lab. No	

List of Machinery and Equipment

Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Available	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i5 8-	SIER/Comp/PL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01				
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-				

Shatabdi Institute of Engineering and Research

Dead Stock Verification Report for AY 2024 - 25

Department	Computer	Lab	CG Lab
Day and date of		Lab. No	

List of Machinery and Equipment

Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Available	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i3 4-Gb Ram HHD-500 Gb	SIER/Comp/CGL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01				
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-				

Shatabdi Institute of Engineering and Research

Dead Stock Verification Report for AY 2024 - 25

Department	Computer	Lab	DBMS Lab
Day and date of		Lab. No	

List of Machinery and Equipment

Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Available	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i3 4-Gb Ram HHD-500 Gb	SIER/Comp/DBMSL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01	1	1		Working
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-				

Shatabdi Institute of Engineering and Research						
Dead Stock Verification Report for AY 2024 - 25						
Department		Computer		Lab	MMC Lab	
Day and date of				Lab. No		
List of Machinery and Equipment						
Sr. No.	Name of equipment and its accessories as per DSR	DSR No.	Qty as per DSR	Qty Available	Reason for Missing	Working /Not working
	Lenovo Thinkcenter Desktop coar-i5 8-Gb Ram SSD-256 Gb	SIER/Comp/MMCL/2023-24 01,02,04,05,06,07,08 ,09,10and 15	15	15		working
	Switch(D-Link)24-Port	SIER/Comp/PRL/SW1/01	1	1		working
	Printer Epson Lx310	SIER/COMP/PRL/PRI/01				
	Ups/Rac/Battery	SIER/COMP/PRL/PRI/01-01-				

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3.Department of Electrical Engineering:

 # Name Of Laboratory :- Electrical Machine Lab

 # Laboratory Area :- 132.91 sq.mtr.

List Of Equipments

Electrical Machine-I (SE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	DC Shunt motor 230V, 1500RPM, with brake pulley arrangement	01	30937.50	30937.50
2)	DC Series motor 230V, 1500RPM, with brake pulley arrangement	01	30937.50	30937.50
3)	3Ph. induction motor, 3HP, 1440rpm, 415V with brake pulley arrangement	01	28350.00	28350.00
4)	DC 3 Point Starter	01	2531.25	2531.25
5)	DC 2 Point Starter	01	2531.25	2531.25
6)	3Ph D.O.L Starter	01	2531.25	2531.25
7)	Machine Terminal Box	03	4275.00	12825.00
8)	D C Ammeter 5-10 A	02	1968.75	3937.50
9)	D C Voltmeter 0-150-300v	01	1968.75	1968.75

10)	**1Ph. Auto X'mer 230V 8A**	**03**	**5962.50**	**17887.50**
11)	**1 Ph. X'mer 1kva 230v**	**01**	**5962.50**	**5962.50**
12)	**1 Ph. X'mer 2kva 230v**	**04**	**8437.50**	**33750.00**
13)	**3 Ph. X'mer 1kva 440v**	**01**	**19687.50**	**19687.50**
14)	**3 ph. Variac 10A 440V**	**03**	**16312.50**	**48937.50**
15)	**Ac Ammeter 01-02 Amp**	**01**	**1968.75**	**1968.75**
16)	**Ac Ammeter 05-10 Amp**	**05**	**1968.75**	**9843.75**
17)	**AC Voltmeter (0-300-600V)**	**03**	**1968.75**	**5906.25**
18)	**AC Voltmeter (0-150-300V)**	**05**	**1968.75**	**9843.75**
19)	**Ac Ammeter 10-20 Amp**	**02**	**1968.75**	**3937.50**
20)	**DC Voltmeter (0-150-300V)**	**03**	**1968.75**	**5906.25**
21)	**Dc Ammeter 01-02 Amp**	**01**	**1968.75**	**1968.75**
22	**Dc Ammeter 05-10 Amp**	**03**	**1968.75**	**5906.25**
23	**Wattmeter 0-5-10A,0-600 V**	**08**	**3150.00**	**25200.00**
24	**Wattmeter 10-20A,0-600 V**	**01**	**3150.00**	**3150.00**
25	**Digital Tachometers non Contact type**	**02**	**3150.00**	**63000.00**
26	**Vibrating Pad**	**05**	**1800.00**	**9000.00**
27	**DC Shunt Motor 3 HP 230V 1500 rpm**	**01**	**26437.50**	**26437.50**
28	**DC Shunt Motor 3 HP 230V 1500 rpm With Mechanical loading arrangement**	**01**	**32062.50**	**32062.50**
29	**Motor control Panel DC Shunt**	**03**	**14062.50**	**42188.00**
30	**Motor control Panel 3ph. Slipring Induction Motor 440V**	**01**	**9180.00**	**9180.00**
31	**3 Hp 415V 1440 rpm 3 Ph. Induction motor coupled to 2.2 kw / 220v 1500 rpm shunt generator with base & coupling**	**01**	**47812.50**	**47812.50**
32	**3 Hp 415V 1440 rpm 3 Ph. Slipring Induction motor with brake & Pully arrangement.**	**01**	**33187.50**	**33187.50**
26	**Vibrating Pad**	**05**	**1800.00**	**9000.00**
34	**Rheostat 400 Ohm. 10 Amp**	**01**	**8437.50**	**8437.50**
26	**Vibrating Pad**	**05**	**1800.00**	**9000.00**

36	**Distribution Panel made from ms cubicle Type made from 16/18 CRCA Sheet with powder coating complete with internal wiring bus bar.**	**01**	**59062.50**	**59062.50**
37	**Rotor resistance starter for slipring Ind. Motor**	**01**	**8437.50**	**8437.50**
		TOTAL		**5,56,208/-**

Electrical Machine-II (TE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	**3HP/230V/1500 RPM/ Shunt Wound DCMotor** coupled to **2 KVA/415V/3Phase/1500 RPM/ 50Hz**. Alternator with base and couplings.	01	56813/-	56813/-
2)	**CONTROL PANEL FOR ABOVE MOTOR ALETERNATOR SET-** Machine terminal board for above motor alternator set, complete set with AC/DC supply provision , 3 Point Starter, BTI 15 terminal, and fabricated m/s panel from 16/18 CRCA sheet, with powder coating & Front mimic diagram	01	14063/-	14063
3)	**3HP/230V/1500 RPM/ Shunt Wound DCMotor** coupled to **2 KVA/415V/3Phase/1500 RPM/ 50Hz**. Alternator with base and couplings.	01	62438/-	62438/-
4)	**CONTROL PANEL FOR ABOVE MOTORSYNCHRONOES MOTOR**	01	8438/-	8438/-
5)	**CONTROL PANEL FOR DC Generator**	01	9563/-	9563/-
6)	**3HP/230V/1500 RPM/ Shunt Wound DCMotor** coupled to **2KVA/415V/3Phase/1500 RPM/ 50Hz**. Alternator with base and couplings.	01	19350/-	19350/-

7)	**CONTROL PANEL FOR ABOVE MOTOR ALETERNATOR SET DC SHUNT MOTOR STARTER 2 POLE MCB**	01	14625/-	14625/-
8)	**Synchronous motor 3HP**, 3 Phase, 415Vcoupled To **DC shunt Generator 2.2KW**,220V, 1500RPM Complete Base frame coupling arrangement.	01	62438/-	62438/-
9)	**CONTROL PANEL FOR ABOVE MOTOR-GENERATOR SET** Machine terminal board for coupled set, complete set with AC/DC supply provision , BTI 15 terminal, and fabricated m/s panel from 16/18 CRCA sheet, with powder coating & Front mimicdiagram	01	9563/-	9563/-
10)	Synchronous Motor Starting Panel	01	8438=00	8438=00
11)	Capacitor start 1 phase Induction Motor 1HP /230V/1440RPM/50 Hz. With Mechanical loading arrangement.	01	18563/-	18563/-
12)	**1) D.C. shunt motor, 5 H.P,415V,** 1500rpm **2) ALTERNAOR-3 KVA, 3Phase,** 415V, with excitation both the Sets should be identical provided.	01 set	1935000/-	1935000/-
	With common synchronizing panel			
13)	**DC motor starter panel with starter**	01	14625/-	14625/-
14)	**Single phase Induction Motor 3 HP,** **215V, 1440 RPM** with Mechanical loadingarrangement. **MDE Make.**	01	18563/-	18563/-

15)	**CONTROL PANEL FOR ABOVE MOTOR 1 PH** **230V 50HZ 0-5A STARTER Single phaseInduction Motor 3 HP,** **215V, 1440 RPM** with Mechanical loadingarrangement. **MDE**	02	14062.50/-	28125/-
16)	**A.C Series Motor 1 HP**, **230V, 5.4amp,1500rpm** with Mechanical Loading arrangement	01	34313/-	34313/-
17)	**CONTROL PANEL FOR ABOVE MOTOR 1 HPINDUCTION MOTOR**	01	9563/-	9563/-
18)	**DIGITAL TACHOMETER CONTACT TYPE**	05	3150/-	15,750/-
19)	**Fabricated & powder coated AC Supplyterminal boards with** • 16A, 4P, MCB - 1 No. • Indicating Lamp - 3 Nos. • BTI-30 Terminals - 4 Nos. • 15/5A SS Combine - 1 No.	05	6300/-	31,500/-
20)	**Fabricated & powder coated DC Supplyterminal boards with** • 16A, 2P, MCB - 1 No. • Indicating Lamp - 1 No. • BTI-30 Terminals - 2 No.	05	3,600/-	18,000/-
21)	**Rheostats** 1) 400 Ω, 1A 2) 300 Ω, 1.4 A 3) 150 Ω , 2A 4) 100 Ω, 5A 5) 40 Ω, 10A	03 08 03 06 01	1631 /- 1969 /- 3094 /- 5344 /- 8438 /-	4,894 15750 9281 32063 8438

22)	Frequency meter	01	844/-	844
23)	Phase Sequence indicator	01	3656/-	3656
24)	**AC Voltmeter (0-300-600V)**	**05**	**9844**	9844
25)	**AC Ammeter (0-10-20A)**	**05**	**1968.75**	9844
26)	**AC Ammeter (0-5-10A)**	**01**	**1969/-**	**1969**
27)	**DC Ammeter (0-5-10A)**	**05**	**1968.75**	9844
28)	**TPST Switch**	**03**	**2419.00**	**7256**
29)	**DC Voltmeter (0-150-600V)**	**03**	**1968.75**	5906.25
30)	Wattmeter (5/10A, 0-150-300-600V)	**02**	**2870.00**	**5740.00**
31)	Wattmeter UPF (1/2A, 0-150-300-600V)	**01**	3150.00	3150.00
32)	Wattmeter LPF (1/2A, 0-150-300-600V)	**01**	5,850.00	5,850.00
33)	3 Phase Inductive Load (415V,10A)	**01**	**30938.00**	**30938.00**
34)	**Lamp bank 3 Ph. 415 V**	**01**	**16312.00**	**16313.00**
35)	**Lamp bank 1 Ph. 230 V**	**01**	**10688.00**	**10688.00**
36)	**3 ph RESISTIVE LOAD BANK**	**01**	**25312.00**	**25312.00**
TOTAL COST				**8,87,738/-**

 # Total No. Of Major Equipments (Above Rs.50000/) :- 06

 # Name Of Laboratory : - Control System Lab

 # Laboratory Area : - 74.76 sq.mtr.

 # Cost Of Equipments in Laboratory :- Rs. 14,43,946/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 96,603/-

 # Total Cost Of laboratory :- Rs. 15,40,549/-

List of Equipments

Control System-

Sr. No.	Name of Equipments	QTY	Cost Per QTY	Total Cost (Rs.)
1.	Characteristics of Potentiometer Expt. kit	01	11,081.00	11,081.00
2.	Potentiometer as an error detector Expt. kit	01	12,319.00	12,319.00
3.	Characteristics of synchro transmitter Expt. kit.	01	32,513.00	32,513.00
4.a	Characteristics of synchro receiver Expt. kit.	01	32,513.00	32,513.00
b	Synchro as error detector	01	59,006.00	59,006.00
5.	AC position control system Expt. kit	01	33,356.00	33,356.00
6.	DC position control system Expt. Kit.	01	34,819.00	34,819.00
7.	Response of RC Lead network Expt. Kit.	01	17550.00	17,550.00
8.	Response of RC Lag network Expt. Kit.	01	17550.00	17,550.00
9.	DC Power Supply	01	5,670.00	5,670.00
10.	Digital multi meter	01	1,485.00	1,485.00
11.	DC motor parameter for mathematical modeling,transfer function and characteristics.	01	17,500	17,500.00

12.	**PID control of level,temp,control system.**	**01**	**23,500**	**23,500.00**
13.	**R-L-C second order system validation simulation**	**01**	**4400**	**4400.00**
Total cost				**3,03,262/-**

Control System-

Sr.NO.	Equipments	QYT	Cost Per QTY	Cost (Rs.)
1	Lenovo Thinkcenter Desktop P.C.	03	16,800.00	50,400.00
2	Acer M200 Desktop P.C.	07	16,500.00	1,15,500.00
3	UPS 600VA	07	1,400.00	9,800.00
4	Lab View software 1. NI circuit design 12.0 2. NI ELV 15T9X 4.3.1 Driver software	30	11,970.00	3,59,100/-
5	MATHWORK PRODUCT 1. MATLAB	15 USERS	43056.80	6,45,852/-
	2. SIMULINK	5	---	---
	3. CONTROL SYSTEM TOOLBOX	7	---	---
	4. SIMSCAPE	5	---	---
	5. SIMPOWER SYSTEM	10	---	---
	6. FUZZY LOGIC TOOLBOX	10	---	---
	7. NEURAL NETWORK TOOLBOX	7	---	----
	8. IMAGE PROCESSING TOOLBOX	5	---	---
TOTAL COST				11,80,652/-

 # Total No. Of Major Equipments(Above Rs.50000/) :- 01

 # Cost Of Equipments in Laboratory : - Rs. 14,83,914.00 /-

 # Cost Of Furniture's and Fixtures in laboratory. : - Rs. 1, 04,447.00/-

 # Total Cost Of laboratory : - Rs. 15,88,361.00/-

Name Of Laboratory :- Computer Programming Lab#

Laboratory Area :- 82.52 Sq.mtr.

List Of Equipments

Numerical Methods and Computer Programming (SE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	Lenovo Think center Desktop P.C.	35	16800.00	5,88000.00
2)	Acer M200 Desktop P.C.	01	16500.00	16,500.00
3)	In focus LCD Projector	01	28463.00	28,463.00
4)	HP Laser jet P1007 Printer	01	5700.00	5700.00
5)	Dot-matrix Printer Epson	01	9240.00	9240.00
6)	Switch	02	3835.00	7670.00
7)	HP DVD WRITER	01	950.00	950.00
		TOTAL		6,55,049/-

 # Total No. Of Major Equipments(Above Rs.50000/) :- 01

 # Cost Of Equipments in Laboratory :- Rs. 7,98,487/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 1,22,771/-

 # Total Cost Of laboratory :- Rs. 9,21,258/-

Name Of Laboratory :- Electrical Measurments & Instrumentation.

Laboratory Area :- 61.85 Sq.mtr.

List Of Equipments

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	Dual DC reg. power supply 30v/2A	04	9225.00	36900.00
2)	Dual CRO	02	23062.50	46125.00
3)	Digital Multimeter	03	1968.75	5906.00
4)	1MHz function Generator	01	9562.50	9562.50
5)	Kelvin Double bridge kit	01	12937.50	12937.50
6)	Anderson Bridge kit	01	6187.50	6187.50
7)	Earth Resistance testing Kit	01	5345.75	5345.75
8)	LVDT Trainer kit	01	12937.50	12937.50
9)	Pressure Transducer kit	01	62437.50	62437.50
10)	CT 25/5A-100/5A	01	2812.50	2812.50
11)	PT400V/100V	01	2362.50	2362.50
12)	Rishmax make Digital Multimeter	02	5568.75	11137.50
13)	Megger Hand Driven	01	3937.50	3937.50
14)	Inductive Load Bank	01	30937.50	30937.50
15)	3Ph. Auto Transformer	01	20812.50	20812.50
16)	DC Voltmeter (0-150-300V)	01	1968.75	1968.75
17)	AC Voltmeter (0-300-600V)	01	1968.75	1968.75
18)	AC Voltmeter (0-150-300V)	02	1968.75	3937.50
19)	RES. LOAD BANK 1 PH. 230 V 10A	01	9365.62	9365.62
20)	RES. LOAD BANK 3 PH. 415 V 10A	02	13921.87	27843.74
21)	1 PH. WATT METER 0-150-300-600 V 5/10 A	12	3606.75	43281.00
22)	1 PH. WATT METER 0-150-300-600 V 01/0 2 A	04	6232.50	24930.00
23)	AC VOLT METER 0-150-300-600 V	12	2214.00	26568.00

24)	**AC AMMETER 0-5-10 A**	**12**	**2214.00**	**26568.00**
25)	**AC AMMETER 0-1-2 A**	**03**	**2214.00**	**6642.00**
26)	**3 PH. AUTO X'MER 15 A 415 V**	**01**	**19687.50**	**19687.50**
27)	**1 PH. AUTO X'MER 8 A**	**01**	**3937.50**	**3937.50**
28)	**FUCTION GENERATOR 2mhz**	**02**	**10757.29**	**21514.58**
29)	**LIQUIDLEVEL MEASUREMENT KIT**	**01**	**29464.00**	**29464.00**
30)	**ENENGY METER 1 PH. STATIC**	**01**	**2177.00**	**2177.00**
31)	**ENENGY METER 3 PH. STATIC 440**	**01**	**5265.00**	**5265.00**
32)	**CURRENT x'MER WITH MS ENCLOSURE & TERMINAL RATIO25/5A**	**02**	**3746.00**	**3746.00**
		TOTAL		**316898/-**

 # Total No. Of Major Equipments (Above Rs.50000/) :- 01

Cost Of Equipments in Laboratory :- Rs. 3,16,898/-# Cost Of Furniture's and Fixtures in laboratory :- Rs. 79,167/- # Total Cost Of laboratory :- Rs. 3,96,065/-

Name Of Laboratory :- Network Analysis Lab#

#Laboratory Area :- 74.76 Sq.mtr.

List Of Equipments

Network Analysis (SE)

Sr.NO.	Equipments	QYT	Cost Per QTY	Cost (Rs.)
1	**RC SERIES KIT**	**02**	**2081.25**	**4162.50**
2	**RC PARALLEL KIT**	**02**	**2081.25**	**4162.50**
3	**RLC SERIES KIT**	**02**	**2081.25**	**4162.50**
4	**RLC PARALLEL KIT**	**02**	**2081.25**	**4162.50**

5	**SUPERPOSITION THEOREM KIT**	**02**	**2081.25**	**4162.50**
6	**RECIPROCITY THEOREM KIT**	**02**	**2081.25**	**4162.50**
7	**MILLMAN'S THEOREM KIT**	**02**	**2081.25**	**4162.50**
8	**THEVENIN'S THEOREM KIT**	**02**	**2081.25**	**4162.50**
9	**Charging & Discharging of Capacitor**	**02**	**1968.75**	**3937.50**
	TOTAL COST RUPEES			**37,238/-**
17)	**CMRR MEAS. KIT**	**02**	**2341.12**	**4682.24**
TOTAL COST				**3,43,143**

Name Of Laboratory :- Power Electronics #Lab#

Laboratory Area :- 74.76 Sq.mtr.

List Of Equipments

Power Electronics (TE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	**V-I Characteristics of SCR , TRIAC, MOSFET Spect: - Built in power supply, Break over v/g can be measured. Effect of gate current & V-I curve of Thyrister can be seen on CRO.**	**01**	**10209.75**	**20418.75**
2)	**V-I characteristics & (gate drive) triggering ccts.For MOSFET & IGBT** **Spect: - Built in power supply, two different channel cct. (Fixed freq. & variable ON time /variable freq. variable ON time).**	**01**	**13359.38**	**26718.75**
3)	**Single phase half controlled bridge Spect: - 1 phase half controlled bridge. Firing circuits for 2 SCRS is given. Lamp load and inductive load provided. Effect of flywheel diode can be observed. Waveform across load can be observedon CRO**	**01**	**10631.25**	**21262.50**

4)	**Single phase full controlled bridge Spect: -1 phase fully controlled bridge built in regulatedDC power supply. Lamp load & inductive load provided.**	**01**	**11981.25**	**23962.50**
5)	**Step Down Chopper demonstration Kit Spect: - Built-in regulated power supplies. TRIAC**	**01**	**11531.25**	**23062.50**
	is used for AC chopping. O/P waveform can be observed on CRO. Step Down DC Chopper with LC Filter.			
6)	**Firing circuit for 3 Ph. Converter**	**01**	**13359.38**	**26718.75**
7	**1 Phase AC regulator using IC 785**	**01**	**13359.38**	**26718.75**
8	**1-Ph PWM bridge Inverter - 1 Phase Bridge Inverter** **(MOSFET Based)-** **Built-in regulated power supplies.4 different base drives with opto isolation. Lamp load is given. Waveform across load can be on served onCRO. Square wave o/p or PWM o/p.**	**01**	**13359.38**	**26718.75**
9	**Commutation Circuits for SCR's** **Class A to F communication circuits. Built-inregulated power supply.** **Kit includes different value inductors, capacitors, SCRS, load.**	**01**	**12093.75**	**12093.75**
10	**Dual Trace Cathod Ray Oscilloscope (CRO) 20MHz 2 Channel** **Scientech Make**	**10**	**25944.75**	**259447.50**
11	**Digital Multimeter**	**04**	**1968.75**	**7,875.00**
12	**Dual Dc Regulated Power Supply,** **Input: 1Ph,230V AC, O/P- 0-30V/2A**	**02**	**11,875**	**23,750/-**
13	**GP4 PATCH CORDS**	**100**	**56.95**	**5694.75/-**
14	**Power Scope**	**01**		**35,000/-**
TOTAL COST				**4,38,660/-**

Basic Electrical Engineering (FE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	Dc Voltmeter (0-150-300V)	04 nos.	1673.44	6694.00
2)	Dc Ammeter (0-5-10A)	04 nos.	1673.44	6694.00
3)	Ac Ammeter (0-5-10A)	05 nos.	1673.44	8367.00
4)	Ac Voltmeter (0-300-600V)	05 nos.	1673.44	8367.00
5)	Ac Voltmeter (0-150-300V)	04 nos.	1673.44	6694.00
6)	Single phase wattmeter 5-10A (0-150-300-600V)	05 nos.	2725.313	13627.00
7)	Single phase wattmeter 1/2A (0-150-300-600V)	03 nos.	4709.50	14129.00
8)	3 Phase Auto Transformer 440V	01 nos.	17451.56	17452.00
9)	1 Phase Auto Transformer 230V	02 nos.	4255.31	8911.00
10)	Earth Tester with testing kit	01 nos.	4303.00	4303.00
11)	Single Tube Rheostat 100 ohm.	02 nos.	3227.344	6455.00
12)	Single Tube Rheostat 225 ohm	02 nos.	1486.00	2972.00
13)	Single Tube Rheostat 290 ohm	02 nos.	3107.80	6216.00
14)	Single Tube Rheostat 570 ohm	02 nos.	1606.50	3213.00
15)	Digital Multi meter meco-make.	03	3346.80	10041.00
16)	Megger	01	2630.00	2630.00
17)	Gp4 Patch cord	50 Nos	43.031	2152.00
18)	1 ph. transformer tapping 1Kva	02	4064.06	8128.00
19)	1 ph. transformer tapping 2Kva	01	7338.40	7338.40
20)	Lamp bank 3 Ph. 415 V	02	10518.75	21038.00
21)	Lamp bank 1 Ph. 230 V	02	7076.25	14153.00
22)	Rectifier unit 230/30 A Dc supply	01	36816.00	36816.00
23)	Dual DC regulated power supply 2A	04	7267.50	29070.00

24)	**Sodium vapour lamp 125 w**	**02**	**3633.75**	7268.00
25)	**Mercury vapour lamp 250w**	02	**3346.875**	6694.00
26)	**Superposition theorem**	**02**	**1769.00**	3538.00
27)	**Wiring kit accessories**	**02**	**1147.50**	2295.00
28)	**RLC terminal & accessories**	**01**	**2151.56**	2152.00
29)_	**KCL- KVL kit**	**02**	**1769.00**	3538.00
30)	**Fab. powder coated AC supply Board**	**06**	**3490.313**	20942.00
31)	**Fab. powder coated DC supply Board**	**04**	**1721.25**	6885.00
TOTAL COST				**2,98,572 /-**

Total No. Of Major Equipments(Above Rs.50000/) :- Nil

Cost Of Equipments in Laboratory :- Rs. 7,37,232/-# Cost Of Furniture's and Fixtures in laboratory :- Rs. 98,036/- # Total Cost Of laboratory :- Rs. 8,35,268/-

Analog & Digital Electronics (SE)

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
1)	**Dual DC reg. power supply 30v/2A**	**02**	**9225.00**	**18450.00**
2)	**Dual CRO**	**01**	**23062.50**	**23062.50**
3)	**Digital Multimeter**	**02**	**1968.75**	**3937.50**
4)	**3 Mhz function Genrator**	**01**	**9562.50**	**9562.50**
5)	**Exp. kit for Low Pass filter**	**02**	**2081.25**	**4162.50**
6)	**IC 555 Exp kit**	**02**	**2081.25**	**4162.50**
7)	**JEFT Transfer characteristics kit**	**02**	**2081.25**	**4162.50**
8)	**Schmitt trigger**	**02**	**2081.25**	**4162.50**
9)	**Kit for High pass filter**	**02**	**2081.25**	**4162.50**
10)	**BJT common emitter (Tran chac.)**	**03**	**2081.25**	**6243.25**
11)	**Digital trainer Kit**	**03**	**7762.50**	**23287.50**

12)	Freq. resp. of CE AMPLIFIER	02	2341.12	4682.24
13)	FUCTION GEN. 2 MHZ	06	10757.81	64546.86
14)	MONO STABLE MULTI VIBARTOR	02	2341.12	4682.24
15)	CRO 20 MHZ 2 CHANNEL	06	25944.00	155668.50
16)	Digital Multimeter	02	1762.50	3525.00
17)	CMRR MEAS. KIT	02	2341.12	4682.24
TOTAL COST				3,43,143

 # Total No. Of Major Equipments(Above Rs.50000/) :- Nil

 # Cost Of Equipments in Laboratory :- Rs. 3,80,381/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 94,924/-

 # Total Cost Of laboratory :- Rs. 4,75,305/-

 # Name Of Laboratory :- Micro-controller & Micro-Processor

 # Laboratory Area :- 74.76 Sq.mtr.

List Of Equipments

Sr. No.	Name of Equipments	QTY	AMT(Rs.)	Total Cost
01)	Acer M200 Desktop P.C.	09	16500.00	1,48,500.00
02)	Lenovo Think Centre 1934RU3	01	16800.00	16800.00
03)	UPS 600VA	10	1400.00	14000.00
04)	Temp. Measurement Interface	02	2475.00	4950.00
05)	DC Motor Ctrl Interface	02	7312.50	14625.00
06)	Keyboard Display interface	02	2475.00	4950.00

07)	Stepper Motor Interface	02	3600.00	7200.00
08)	DAC Interface	02	2475.00	4950.00
09	ADC Interface	02	2475.00	4950.00
10)	8085 MEL LCD Version	10	10687.50	106875.00
11)	8253 Interface	02	3375.00	6750.00
12)	8255 Interface	02	3262.50	6525.00
13)	D-Link Switch	01	3800.00	3800.00
14	89V51RD2 Based development board	08	4,725=00	37,800=00
15	LCD Display Interface Module	01	2,081=00	2,081=00
16	Keyboard Display Interface	01	2,869=00	2,869=00
17	ADC Interface card	01	2,869=00	2,869=00
18	DAC Interface card	01	2,869=00	2,869=00
19	Stepper Motor Interface Card	01	4,219=00	4,219=00
		TOTAL		3,97,582/-

Advance Micro-controller TE

Sr.NO.	Equipments	QYT	Cost Per QTY	Cost (Rs.)
1)	Supply of Microcontroller Kits for PIC18F4550/458 Series Control as Per List Microcontroller Development Kit	08	9056.25	72450.00
2)	DAC Module	05	393.75/-	1968.75
TOTAL COST				74,419.00

 # Total No. Of Major Equipments(Above Rs.50000/) :- Nil

 # Cost Of Equipments in Laboratory :- Rs. 4,72,001/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 76,063/-

 # Total Cost Of laboratory :- Rs. 5,48,064/-

Name Of Laboratory :- Switchgear and Protection Lab.

 # Laboratory Area :- 94.69 sq.mtr

List of Major Equipments

Switchgear and Protection Lab (BE)

Sr.NO.	Major Equipments	QTY	Cost Per QTY	Cost (Rs.)
1	SIMULATION MODEL OF DISTANCE PROTECTION OF TRANSMISSION LINE WITH SUPPLY OF IMPEDANCERELAY MDE MAKE.	01	1,35,000/-	1,35,000/-
2	SWITCHGEAR TESTING PANEL	01	1,64,288/-	1,64,288/-

 # Total No. Of Major Equipments(Above Rs.50000/) :- 02

 # Total Cost Of Major Equipments :- Rs. 2,99,288/-

 # Cost Of Equipments in Laboratory :- Rs. 2,99,288/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 55,389/-

 # Total Cost Of laboratory :- Rs 3,54,677/-

Name Of Laboratory :- Power System Lab#

Laboratory Area :- 94.69 Sq.mtr.

List Of Major Equipments

Power System-II (TE)

Sr.NO.	Major Equipments	QYT	Cost Per QTY	Cost (Rs.)
1	Transmission line Models (Long, Medium, Short) Line parameter with displays for Current & Voltage MDE make.	01	81,000/-	81,000/-

2	Study of the effect of VAR compensation using transmission line model	01	1,03,500/-	1,03,500/-
Total cost				184500/-

Power Electronic Controlled Drives (BE)

Sr.NO.	Major Equipments	QYT	Cost Per QTY	Cost (Rs.)
1	Supply of material for Electrical braking of 3 HP D.C. Shunt motor (Rheostatic, Plugging).	01 Nos	52306.00	52306.00
2	Supply of material for 1 phase converter fed DC Motor speed control characteristics for 3 HP DC motor	01 Nos	82645.00	82645.00
3	Supply of material for 3 Phase Dual converter for 3 HP DC Motor	01 Nos	54736.00	54736.00
4	Supply of material for Chopper fed DC Series motor Speed control characteristics.	01 Nos	59705.00	59705.00
5	Supply of material for AC Drive Demonstrator	01 Nos	56249.00	56249.00
6	Supply of 1 Phase Full Controlled converter for DC Moter	01 Nos	51064.00	51064.00
7	Supply of material for Electrical Breaking (Rheostatic Plugging) Of 3 HP AC	01 Nos	52306.00	52306.00
	Induction Motor			
Total cost				4,12,875/-

 # Total No. Of Major Equipments(Above Rs.50000/) :- 09

 # Cost Of Equipments in Laboratory :- Rs. 5,97,375/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 48,413/-

 # Total Cost Of laboratory :- Rs. 6,45,788/-

Name Of Laboratory :- PLC and SCADA Lab

Laboratory Area :- 94.69 Sq.mtr.

PLC and SCADA Applications (BE)

Sr.NO.	Equipments	QYT	Cost Per QTY	Cost (Rs.)
1	1) Supply of logo PLC (Siemens) With Training Kits Automation Hardware	02 Nos	28,125.00	56,250.00
	2) Supply of micro PLC (AB) with trainingkits automation Hardware	01 Nos	73,687.50	73,687.50
	3) Universal Calibrator	01 Nos	13,500.00	13,500.00

 # Total No. Of Major Equipments(Above Rs.50000/) :- 01

 # Cost Of Equipments in Laboratory :- Rs. 7,98,487/-

 # Cost Of Furniture's and Fixtures in laboratory :- Rs. 1,22,771/-

 # Total Cost Of laboratory :- Rs. 9,21,258/-

4.Department of Electronics and Telecommunication Engineering:

Sr.No.	Name of the Lab	Total cost of Lab	Lab Area (In Sq M)	Location B Building	List of Major Equipment
1	Digital and power electronics lab	4,94,150	91.78	B117 First Floor	CRO,Function generator
2	Microprocessor and Embedded Lab	10,19,399	66.08	B112 First Floor	microcontroller PIC,8051,IOT Shala Kit
3	Solid state devices and Circuit Lab	4,38,411	73.71	B111 First Floor	CRO,Function generator
4	Project Lab	1,25,557.25	91.78	B116 First Floor	UV exposure,pcb Cutter
5	Analog and digital Communication Lab	13,32,942	74.46	B206 Second floor	fiber optice laser sourse, Frequency modulation Demodulation,Am transmitter
6	VLSI Lab	24,55,620	66.02	B211 Second floor	Microwind,MATLAB,xillink
	Total	5,866,079/-			
	Total number of labs=6				

5.Department of Mechanical Engineering

➢ List Of Lab Areas:-

Sr. No	Name of Lab	Area (m^2)
1	Applied Thermodynamics Lab Power Plant Engineering Lab	102.00
2	Turbo machines Lab	86.10
3	Theory of machines Lab/ Dynamics of Machinery lab	73.92
4	CAD CAM lab	75.47
5	Refrigeration & Air Conditioning Lab/Metrology & Quality Control Lab	75.47
6	Basic mechanical Engineering Lab	75.79
7	Heat Transfer Lab/Hydraulics & Pneumatics lab	75.47

Name of the lab: Basic Mechanical Engg. Lab

➢ List of Lab Equipments:-

SR.NO	Particulars	Quantity	Rate Per Unit (Rs.)	Total Amount (Rs.)
1.	Surface Condenser	1	4019=00	4019=00
2	Kinematic Pair	1	3149=00	3149=00
3	Crank & Slotted Lever Mechanism	1	1190=00	1190=00
4	Inversion Of Single Slider Crank	1	1469=00	1469=00
5	Simple Gear Train	1	890=00	890=00
6	Cotter Joint	1	409=00	409=00
7	Knuckle Joint	1	409=00	409=00
8	Pedestal Bearing	1	390=00	390=00
9	Foot Step Bearing	1	390=00	390=00
10	Ic Engine Piston Model	1	590=00	590=00
11	Connecting Rod	1	290=00	290=00
12	Four Bar Chain Model	1	1090=00	1090=00
13	Inversion Of Four Bar	1	4090=00	4090=00
14	Reaction Turbine	1	2690=00	2690=00
15	Impulse Turbine	1	2900=00	2900=00
16	Centrifugal Pump Model	1	2095=00	2095=00
17	Compound Gear Train	1	3600=00	3600=00

18	Lever Safety Valve	1	1179=00	1179=00
19	Spring Loaded Safety Valve	1	1109=00	1109=00
20	Locomotive Boiler	1	6609=00	6609=00
21	Cochairman Boiler	1	5290=00	5290=00
22	Lancashire Boiler	1	6950=00	6950=00
23	Two Stroke Engine(Petrol)	1	1590=00	1590=00
24	Four Stroke (Petrol)	1	1590=00	1590=00
25	Two Stroke Engine (Diesel)	1	1790=00	1790=00
26	Four Stroke(Diesel)	1	1790=00	1790=00
27	Model Of Steam Engine	1	1690=00	1690=00
28	Cornish Boiler	1	6690=00	6690=00
29	Babcock & Wilcox Boiler	1	6690=00	6690=00
30	Dead Weight Safety Valve	1	1090=00	1090=00
31	Combined Light Steam & Low Water Safety Valve	1	1890=00	1890=00
32	Water Gauge	1	1379=00	1379=00
33	Stop Valve Hopkinson Type	1	1595=00	1595=00
34	Feed Check Valve	1	1590=00	1590=00
35	Steam Injector	1	1890=00	1890=00
36	Pressure Gauge	1	1069=00	1069=00
37	Blow Of Cock	1	869=00	869=00
38	Reducing Valve	1	1249=00	1249=00
39	Fusible Plug	1	1090=00	1090=00
40	Anti Priming Pipe	1	695=00	695=00
41	Expansion Steam Trap	1	1195=00	1195=00
42	Green Economizer	1	3295=00	3295=00
43	Sudden Super Heater	1	2695=00	2695=00
44	Hooks Coupling	1	1440=00	1440=00
45	Flexible Coupling	1	1200=00	1200=00
46	Bore Of Muff Coupling	1	540=00	540=00
47	Flanged Coupling	1	1200=00	1200=00
48	Oldham’s Coupling	1	1320=00	1320=00
49	Rack And Pinion	1	720=00	720=00
50	Worm Gears	1	960=00	960=00
Total				**1,01,598=00**

Name of the lab: Applied Thermodynamics Lab

- **List of Lab Equipments:-**

Sr.No	Name of Equipments	Quantity	Rate Per Unit (Rs.)	Total Amount (Rs.)
1	Boys gas calorimeter	01	70537=00	70537=00
2	Pil Bomb Calorimeter	01	87750=00	87750=00
3	Orsat apparatus	01	60750=00	60750=00
4	Petrol Engine exhaust 4-Gas analyzer	01	333787=00	333787=00
5	Diesel smoke meter with printer	01	310106=00	310106=00
6	Two stage air compressor test rig	01	132300=00	132300=00
7	Flash &Fire Point Apparatus	01	8100=00	8100=00
8	Cloud &Pour Point Apparatus	01	19350=00	19350=00
9	Separating & Throttling Calorimeter	01	105121=00	105121=00
Total				**1127801=00**

Name Of The Lab : Cad/Cam Lab

- **List Of Lab Equipments**

Sr. No.	Particulars	Qty	Rate Per Unit (Rs.)	Total Amount (Rs.)
1	Acer-Computer Systems with CPU, Monitor, Keyboard, Mouse	18	16,500=00	2,97,000=00
2	HP Laser JetP1007 Printer	01	5,699=00	5,699=00
3	LCD Projector	01	28,463=00	28,463=00
4	UPS	18	1,400=00	25,200=00
5	EPSON-DOT Matrix Printer Lx 300 LQ 300	 02 01	 7,000=00 9,000=00	23,000=00
6	Rack 4U 6U	01 01	3,800=00 4,200=00	8,000=00
7	Plotter	01	1,24,950=00	1,24,950=00
8	Lenovo-Computer System with CPU, Monitor, Keyboard, Mouse	42	16,695=00	7,01,190=00
9	External DVD Writer	01	2,047=00	2,047=00
10	Lenovo-Computer System with CPU, Monitor, Keyboard, Mouse	30	24,499=00	7,34,970=00

11	Chart	12	200=00	2,400=00
Total				**19,51,969=00**

name of the lab: Theory of Machines Lab

- **List of Lab Equipments**

Sr.No.	List of Equipments	Quantity	Rate Per Unit (Rs.)	Total Amount
1	Four Bar link mechanism	01	8437=00	8437=00
2	Inversion of four bar mechanism	01	25312=00	25312=00
3	**Single slider crank mechanism** a) Reciprocating engine mechanism b) Oscillating cylinder mechanism c) Witworth quick return mechanismn	01	19687=00	19687=00
4	**Double slider crank mechanism for various link positions** a)Inversions of double slide mechanism	01	14062=00	14062=00
5	Working model of sewing machine mechanism	01	23253=00	23253=00
6	Experimental using connecting rod compound pendulum apparatus	01	8100=00	8100=00
7	Experimental set-up of Bifilar and Trifilar suspension	01	24300=00	24300=00
8	Model of single Hooke's joint	01	8100=00	8100=00
9	Torque Transmitting Capacity of Friction Clutch Apparatus	01	78750=00	78750=00
10	Power Transmitted by Dynamometer (Rope Brake Dynamometer)	01	34453=00	34453=00
11	Cam Analysis Machine (To verify the cam jump Phenomenon)	01	24609=00	24609=00
12	Determine the Characterstic curves for centrifugal Governor	01	25593=00	25593=00
13	Gear Box Models 1.Differential Gear Box 2.Synchromesh Gear Box 3.Industrial Gear Box	01	11812=00	11812=00
		01	11812=00	11812=00
		01	11812=00	11812=00
14	Conjugate Gaer Tooth Profile Model	01	15750=00	15750=00
15	Involute Gear Tooth Profile Model	01	15750=00	15750=00
16	Epicyclic Gear Train Apparatus	01	59062=00	59062=00
Total				**4,20,654=00**

Name of the lab : Power Plant Engineering Lab

- **List of Lab Equipments**

SR.No	Particulars	Quantity	Rate Per Unit (Rs.)	Total Amount (Rs.)
1	STEAMPOWER PLANT 600 KG CAPACTY Experimental Steam Turbine Test Rig-1hp Capacity With 1)Steam Turbine 2)Flow Meter 3) Separating And Throttling Calorimeter 4)Condenser Assembly With Reciprocating Pump For Extraction Of Condensate 5)Other Accessories 6)Loading Device As Eddy Current Dynamometer IBR STEAM BOILER MAX-THERMOMAKE -200WITHALL ACCESSORIES	1	16,06,500=00	16,06,500=00
Total				**16,06,500=0**

Name of the lab : Heat Transfer Lab

- **List of Equipments**

Sr.No.	Name of Equipments	Qty	Rate	Total Value
1	Thermal conductivity of Insulating Powder.	01	24,606=00	24,606=00
2	Thermal conductivity of Metal Rod.	01	24,606=00	24,606=00
3	Critical Heat Flux Apparatus	01	28,546=00	28,546=00
4	Stefan Boltzman Apparatus	01	22,640=00	22,640=00
5	Emissivity Measurement Apparatus	01	23,625=00	23,625=00
6	Forced Convection Apparatus	01	31,500=00	31,500=00
7	Natural Convection Apparatus	01	20,671=00	20,671=00
8	Pin Fin Apparatus	01	31,500=00	31,500=00
9	Heat Pipe Apparatus	01	27,562=00	27,562=00
10	Composite Wall Apparatus	01	24,606=00	24,606=00
Total				**2,39,482=00**

Name of the lab : Turbo Machine Lab

- **List of Lab Equipments**

Sr.No.	List of Equipment	Quantity	Rate Per Unit (Rs.)	Total Amount (Rs.)
1	Verification of momentum Principle	01	44,718=00	44,718=00
2	Pelton wheel turbine test rig -1hp cap	01	1,42,706=00	1,42,706=00
3	Francis Turbine Test Rig-1hp	01	2,78,437=00	2,78,437=00
4	Kaplan Turbine Test Rig – 1hp	01	4,07,981=00	4,07,981=00
5	Centrifugal Pump Test Rig	01	75,600=00	75,600=00
6	Reciprocating Pump Test Rig	01	83,925=00	83,925=00
7	Gear Pump Test Rig	01	75,825=00	75,825=00
8	Saybolt Viscometer	01	20,475=00	20,475=00
TOTAL				**11,29,667=00**

Name of the lab : Refrigeration And Air-Conditioning

- **List of Lab Equipments**

Sr.No.	Particulars	Qty	Rate Per Unit (Rs.)	Total Amount (Rs.)
1	Refrigeration Test Rig	01	1,19,335=00	1,19,335=00
2	Ice Plant Test Rig	01	1,16,582=00	1,16,582=00
3	Air Conditioner Test Rig.(General Cycle)	01	1,42,861=00	1,42,861=00
4	Window Air Conditioner Test Setup	01	86,455=00	86,455=00
5	Water Cooler Test Rig	01	86,455=00	86,455=00
6	Mechanical Heat Pump	01	1,65,469=00	1,65,469=00
7	Domestic Refrigerator Test Rig	01	90,380=00	90,380=00
8	Vapour Absorption Refrigeration Test Rig	01	1,05,,868=00	1,05,,868=00
9	Vapour Compressor Refrigeration Test Rig	01	1,22,523=00	1,22,523=00
TOTAL				**10,36,028=00**

Name of the lab : Mechatronics Lab

- **List of Lab Equipments**

Sr.No	List of Lab Equipments	Qty	Rate Per Unit (Rs.)	Total Amount
1	Flow Transducer Characteristics Trainer Rotameter, Orifice & Venturi.	01	82,518=00	82,518=00
2	Temperature calibration using Thermocouples.	01	21,937=00	21,937=00
3	Load cell Trainer	01	24,412=00	24,412=00
4	Study of various Actuators	01	1,30,162=00	1,30,162=00
5	LIC Trainer Kit	01	10,687=00	10,687=00
6	To Study of A/D Kit	01	2,418=00	2,418=00
7	To Study of D/A Kit	01	2,418=00	2,418=00
8	To Study of Flip Flop Kit	01	2,418=00	2,418=00
9	To Study of switches & relays	01	24,716=00	24,716=00
TOTAL				**2,81,886=00**

name of the lab : Metrology & Quality Control

- **List of Lab Equipments**

Sr.No	Name of Equipment	Qty	Cost	Repair &Maintenance Problems
1	Micrometer Outside L.C: 0.01 mm 0-25 mm	01	2400=00	Nill
2	Micrometer Outside L.C: 0.01 mm 25 - 50 mm	01	3860=00	Nill
3	Micrometer Inside 25-50 mm	01	4,000=00	Nill
4	Vernier Caliper L.C: 0.02 mm 0-150 mm	01	2950=00	Nill
5	Digital Vernier Caliper 300 mm	01	15750=00	Nill
6	Digital Micrometer 00-25 mm L.C: 0.001 mm	01	11550=00	Nill
7	Vernier Depth Gauge 0-200 mm LC: 0.001 mm	01	10850=00	Nill
8	Vernier Height Gauge LC:0.02 mm 300 mm	01	31100=00	Nill
9	Micrometer Depth Gauge 0-100 mm	01	9020=00	Nill
10	Dial Indicator Plunger Type 100 mm	01	5,500=00	Nill
11	Screw Thread Micrometer 0-25 mm	01	19960=00	**Equipment is Not Received**
12	Profile Projector with Magnification 10x field view 25 mm, cross travel stage size 125x125 mm, table travel upto 50x50 mm, heat standard 0-25	01	115000=00	Demo & maintenance Required

	mm			
13	Floating Carriage Diameter	01	78000=00	Demo & maintenance Required mannual require
14	Dial Calibration Tester	01	93600=00	**Equipment is Not Received**,mannual require
15	Auto Collimator standard	01	155500=00	Demo Required
16	Surface Plate : CI-18'' x 18''	01	36000=00	Nil
17	Dial Gauge Magnetic Stand 100 mm	01	3395=00	Nil
18	Feeler Gauge Set Length 3 $^{1/2"}$	01	3150=00	Nil
19	Gear Tooth Vernier Caliper	01	6050=00	Nil
20	Bevel Protector LC: 5 min. 0^0 - 180^0	01	23250=00	Nil
21	Optical Flat 25 mm	01	7500=00	**Equipment is Not Received**
22	Optical Flat 50 mm	01	7500=00	**Equipment is Not Received**
23	Sine Bar 100mm 300mm	01	 4750=00 9100=00	**Equipment is Not Received**
24	Sine Centre 200 mm	01	18,000=00	**Equipment is Not Received**
25	Slip Gauge Set	01	84500=00	**Equipment is Not Received**
26	Slip Gauge (83 pieces) 0.05 – 100mm		38600=00	Nil
27	Combination Set	01	12,000=00	Nil
28	Radius Gauge 1) 0.5 – 13mm	01	26,000=00	**Equipment is Not Received**
29	Thread Pitch Gauge (Screw) 0.4 – 7 mm	01	900=00	Nil
30	Angle Slip Gauges 12 pcs	01	38600=00	Nil
31	Sprit Level Block (base length 250 mm bubble size 10 sec.)	01	15700=00	**Equipment is Not Received**
32	Mechanical Comparator	01	65,000=00	**Equipment is Not Received, mannual required**
33	Magnetic Vee Block 900 X 100mm 1) 4" 2) 2''	1	 6500=00 8500=00	**Equipment is Not Received**
34	Wire Gauge 1 set (SWG)	1	600=00	**Equipment is Not Received**
35	Go-No go (Plug Gauge)	1	1300=00	Nil
36	Go-No go (Ring Gauge)	1	2500=00	Nil
37	Go-No go (Snap Gauge)	1	2550=00	Nil
38	Angle Decker GG	1	298000=00	Demo Required, mannual required
39	Dial Gauge L.C: 0.01mm	1	4420=00	Nil
40	Dial Gauge L.C: 0.001mm	1	6270=00	Nil
Discount			**12,17,575=00** **1,42,575=00**	

VAT @ 12.50 % **Total**	**10,75,000=00** **1,34,375=00** **12,09,375=00**	

Name of the lab: Dynamics of Machinery Lab

- **List of Lab Equipments**

Sr.No.	List of Equipments	Qty	Rate Per Unit (Rs.)	Total Amount
1	Static & Dynamic Balancing Apparatus	01	36,900=00	36,900=00
2	Noise Measurement Instrument	01	10,800=00	10,800=00
Total				**47,700=00**

Name of the lab : **Dynamics of Machinery Lab**

Area of the lab : **86.1 Sq.M.**

Equipment's cost : 47,700=00
TOTAL COST OF LAB : 47,700=00

6.Department of Applied Science

Sr.No.	Name of the Lab	Total cost of Lab	Lab Area (In Sq M)	Location B Building	List of Major Equipment	LABWISE PRACTICALS CONDUCTED	
						Sem I	Sem II
1	Enginering Physics lab	2,53,872/-	127.255 Sq. mtr	C Building second floor	Ultrasonic Interferometer	Determination of velocity of ultrasonic waves	Determination of velocity of ultrasonic waves
					Newton's Ring Apparatus	Determine wavelength of given monochromatic light	Determine wavelength of given monochromatic light
					Diffraction grating Apparatus	Determination of number of lines per centimeter on grating surface	Determination of number of lines per centimeter on grating surface
					Laser Kit with transparencies	Determine diameter of a thin wire	Determine diameter of a thin wire
2	Engineering Chemistry Lab	3,87,841.24/-	167.28 Sq. mtr	C Building second floor	Distillation unit 4 Ltr.4 Hr.Model	Alkalinity of given sample of water.	Alkalinity of given sample of water.
					Digital Balance cap 300gm sen	all practical	all practical
					Muffle Furnace	To determine moisture, volatile matter and ash content of a given coal sample	To determine moisture, volatile matter and ash content of a given coal sample
					Oven 14x14x14 Inner S.S.Analogue	To determine moisture, volatile matter and ash content of a given coal sample	To determine moisture, volatile matter and ash content of a given coal sample
	Total	**641713.24**					

	Total number of labs =	2
Sr.no.	**Name**	**location**
1	HOD Cabin	C104
2	classroom	B310
3	classroom	B311
4	classroom	B312
5	Launguage lab	C101

AVEW Trust's
Shatabdi Institute of Engineering & Research
A/p- Agaskhind, Tal-Sinnar, Dist-Nashik
Via Deolali Camp-Bhagur-Pandhurli, Sinnar-Ghoti Highway,
Department of Electronics and telecommunication Engineering

Laboratory list
Total number of labs=6

Sr.No.	Name of the Lab	Total cost of Lab	Lab Area (In Sq M)	Location B Building	List of Major Equipment
1	Optical and Microwave communication Lab	5,19,605	73.25	B111 First Floor	Dual Wavelength Fiber Optic laser sourse and Detector Module
2	Microprocessor and Embedded Lab	7,55,079	66.15	B112 First Floor	Arm 7 Development Board, Arm9 Developemetnt Board
3	Solid state devices and Circuit Lab	7,39,233.25	94.34	B116 First Floor	CRO,Function generator,PCB Coater cum Dryer Both side exposure
4	Basic Electronics Lab	11,38,642	94.34	B117 First Floor	RC phase shift oscillator,Microstrip antenna,Transmission line trainer
5	Analog and digital Communication Lab	12,71,081		B205 Second floor	Frequency modulation Demodulation,Am transmitter,VI characteristic of
6	VLSI and Signal Processing Lab	20,88,660	66.6	B211 Second floor	Microwind3,MATLAB LAB view
	Total				

xiii. Innovation Cell

An innovation eco-system prevails in the institute for Creation and Transfer of knowledge through the presence of;

- Research and Development Cell (R & D)
- Innovation and Incubation Centre (IIC)
- Entrepreneurship Development Cell (EDC)
- Institute-Industry and Institute-Institute Interaction Cell (I5C)

The main purpose of a research and development cell and an innovation and incubator centre is to assist academic and students research projects. These cells' main objective is to inspire staff and students at the institute to turn original concepts and issues into technological solutions that may be used to create successful business models and research publications. In partnership with the Ministry of Education's (MoE's) Innovation cell (MHRD Govt. of India), the cell arranged a number of seminars and workshops on intellectual property rights, patent filing, research methodology, and start-up-based poster competitions to generate an interest among the LGNSCOE students.

Startup & Innovation Cell

PUNCODE : CEGN018800

Details	Name	Contact No. (WhatsApp)	Email ID
Principal as Chairman of Innovation & Startup Committee	Pankaj Govindrao Vispute	9922711403	pankaj.vispute@rediffmail.com
Representative from Faculty Member	Pooja Dalve	8862027616	poojadalve10@gmail.com
Representative from Students -1	Supariya Kacharu Jadhav	9021315803	supariyakj35@gmail.com
Representative from Students -2	Ashwini Ashok Ahire	9359002558	ashuahire75@gmail.com
Representative from Industry Expert/Entrepreneur	Om Bhagawan Kathe	7448000467	developer@manasvi.tech
Representative from Alumni	Tushar Dhatrak	9354580791	tushardhatrak4664@gmail.com
Faculty Member as Coordinator & Member Secretary of Innovation & Startup Committee	Gokul Mahajan	9960172419	tpo@siemashik.org.in

Declaration :

I hereby declare that all the information provided is true, accurate, and complete to the best of my knowledge and belief.

Signature of Principal/Director
(With College Stamp)

PRINCIPAL
Shelabdi Institute of Engineering & Research
Agaskhind, Tal. Sinnar, Dist. Nashik

Shelabdi Institute of Engineering & Research

xiv.Social Media Cell

A webpage for the organization can be found at facebook and instagram .Additionally, the institute has official Instagram and Facebook accounts. Instagram and Facebook are used to share staff and student accomplishments as well as student placements. In addition to the technology-related materials mentioned above, the student is also provided with general information.

Social Media Cell Handler : Mr. G. V. Mahajan

xv. Games and Sports Facilities

Facilities for Indoor Sports :

1. Carrom
2. Chess
3. Table tennis
4. Badminton
5. Box Cricket
6. Computer Games

Facilities for Outdoor Sports :

1. Cricket
2. Volleyball
3. Kho-kho
4. Kabbadi
5. Football
6. Badminton

Facilities for Cultural / Festive Events

Sr. No.	Name of Cultural Facility	Area / Size	Qty.	Usage Description
1	Seminar Hall	146 Sq. M.	01	Chairs arrangement – 100 to 130 Music system Projector and slide view FrontStage and guest sitting arrangement

xvi. Teaching Learning Process

The institute is affiliated to Savitribai Phule Pune University and adheres to university's curriculum. Curriculum and syllabus for each of the Programmes as approved by the University are mentioned in the following table.

Programme	Syllabus Link
First Year Engineering	https://siernashik.org.in/applied-science/
Civil Engineering (UG)	https://siernashik.org.in/civil-engineering/
Computer Engineering (UG)	https://siernashik.org.in/computer-engineering/
Electrical Engineering (UG)	https://siernashik.org.in/electrical-engineering/
Electronics & Telecommunication (UG)	https://siernashik.org.in/entc/
Mechanical Engineering	https://siernashik.org.in/mechanical-engineering/

The institute has created the following organized approach for delivering curriculum.

Stage I: Preparation of Teaching Aids (Before commencement of the semester)

The institute creates its own academic calendar based on that of the university. According to suggestions from various administrative and academic bodies, cells, and committees, slots are also allocated for extracurricular, sports, and cultural activities. In parallel, each department assigns courses to its teaching staff based on their areas of expertise, areas of interest, and subject choice. The time tables of all the Classes and Laboratories are displayed on notice board for the students. Faculties prepare / update their 'Course File' before the commencement of teaching to ensure effective curriculum delivery in the classroom with the help of different teaching aids. Faculty members are deputed to various syllabus detailing and implementation workshops for properly perceiving the curriculum. Faculties are motivated to adopt innovative teaching practices like project based learning, blended learning etc. ERP software is used to track and guarantee timely upload of the material taught, to monitor student attendance, and to produce reports.

Stage II: Teaching Learning (During Semester)

The effective implementation of the curriculum is monitored by Academic Monitoring Committee coordinated by Dean Academics. The monthly attendance record of the students is prepared and communicated to every student. In case of defaulters, their parents are informed. Expert lectures, Industrial Visits/Field Visits, Guest Lectures, and various contests are periodically organized to enhance the delivery of the curriculum. In order to bridge the requirements for some courses, workshops are organized in collaboration with industry. The progress of the Seminar and Project work is also reviewed through a well-established mechanism. Regular class tests, midterm submissions, and continuous assessment are all carried out in accordance with the academic calendar. Results of End-semester examinations and class tests are analyzed for the conduction of remedial classes. Extra sessions are conducted for academically weak students classified as slow learners.

Stage III: Students Feedback (Mid-Term)

Mid-term feedback of students enables the institute to identify the gray areas in the teaching learning process. Corrective measures, such as counseling / mentoring of individual faculties, are initiated by the Department Head. A teacher-guardian addresses the students grievances related to teaching-learning as well as personal issues. The teacher-guardian counsels a selected / allocated group of students and a separate record of the same is maintained.

Stage IV: End Semester Activities

The final evaluation of the term work is completed following the conclusion of teaching, and marks are submitted to the university. The end semester exams are conducted by the university. Every department analyses the results of different classes immediately after declaration of result by the university.

Stage V: Stake-holders Feedback (Term-End)

The institute seeks feedback from various stakeholders regarding course delivery, curriculum, employability, and support facilities. The analysis of the feedback is done to initiate corrective actions. An assessment of the level of attainment of POs, PSOs and COs is carried out.

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools:

The Institute follows ICT enabled teaching in addition to traditional classroom education. The focus is on knowledge transfer and learning through students' active participation and involvement. All academic activities are aimed at elevating the student's knowledge, skills and build confidence in them. All departments have a sufficient number of ICT-enabled classrooms and laboratories with projectors installed, and the campus has a high-speed wi-fi connection.

Teachers have also been encouraged to use ICT tools for communication and course material sharing. Faculties uses many interactive methods for effective teaching, such as PPT with animations, video clippings, use of online resources from NPTEL, Blog, YouTube links, Simulation tools, Virtual labs, online assessment tools like Mentimeter, and various cloud portals, etc. Google Classroom and Whats App groups are used as platforms to communicate, make announcements, address queries, and share information. Our faculty and students can access research journals and e-books through our digital library. Institute is a Nodal Centre for NPTEL in association with eminent organizations like IITs.

- Experiential Learning:

Mini Project work in the curriculum enables the self-learning ability of students. Major projects for final year students are open ended and generally defined as a problem for which student groups are required to come up with a solution and present it at the end of the semester. The college has provided various infrastructural facilities like a digital library, computer lab, workshop, and project lab for the same. Hands on workshops, internships, and industrial visits are arranged by all the departments to improve the overall experience of experiential learning. Poster and project competitions are arranged to enhance the presentation skills of the students.

- Participative Learning:
  - Faculty members motivate students to organize group discussions on technical/non-technical topics, current affairs in the field of science/technology.
  - Every department has its own student association, through which students organize various participatory activities like technical quizzes, poster competitions, etc.
  - Student councils play an important role in organizing co-curricular and extracurricular activities. Most of the curriculum involves concepts learned through lab work, which involves active experimentation with lab journal preparation and assessment.
- Problem solving methodologies:
  - Students are encouraged to undertake interdisciplinary projects, case studies, industry sponsored projects, etc.
  - Tutorial and extra sessions for analytical subjects.
  - Add-on/certification programmes to increase competence.

- Innovative Pedagogy Practice: Institute promotes participative learning through innovative pedagogy practices such as Group Discussions, think-pair-share, Debate Competition, Crossword Puzzle, Development of models, Quizzes, case studies, learning through art (Rangoli/Poster) etc. during teaching learning process and through department activities.

- Interaction, Training and MoUs with Industries: Industrial/field visits, internships at Industry are mandatory as per university curriculum. Industry projects and collaborations are undertaken to enrich students with pre-employment training. Periodical guest lectures are arranged on topics relevant to employment skills by personnel from renowned organizations. Institute has active MoUs with various industries.

14. Enrolment and placement details of students in the last 3 years

Sr. No.	Year	Name of the course	Total number of students placed	package offered
1	2024-25	Computer Engineering	13	4.5 LPA
2		Civil Engineering	4	3.5 LPA
3		Electrical Engineering	8	5 LPA
4		E&TC Engineering	19	5.5 LPA
5		Mechanical Engineering	2	5 LPA
6	2023-24	Computer Engineering	27	8 LPA
7		Civil Engineering	6	7 LPA
8		Electrical Engineering	11	8 LPA
9		E&TC Engineering	12	4.5 LPA
10		Mechanical Engineering	16	4.5 LPA

15. MoUs with Industries

Sr. No.	Name of the institution/industry with whom the MoU/linkage is made	Duration of MoU/linkage
1.	**Ellite Technology** - To provide Industrial Training/ Workshop of student and Experts for Guest Lecture as per the expertise available in industry.	5 Yr
2.	**Tega Solutions Pvt Ltd** - To Provide high quality training services to individuals and corporate in the field of it infrastructure	2 Yr
3.	**Neatleap IT training & solutions pvt ltd** - To Provide high quality training services to individuals and corporate in the field of it infrastructure	5 Yr
4.	**Nexonica Systems Pvt Ltd, Nashik** – To Provide Industrial Visit, Industrial Training and Workshop , Project work and sponsorship.	3 Yr
5.	**Konkan Tools Pvt Ltd., Nashik** - – To Provide Industrial Visit, Industrial Training and Workshop , Project work ,internship and sponsorship.	3 Yr
6.	**Vighneshwar Airconditioning Pvt Ltd, Nashik** - – To Provide Industrial Visit, Industrial Training and Workshop , Project work ,internship and sponsorship.	3 Yr
7.	**A one Consultancy** - To Provide Industrial Visit, Industrial Training and Workshop , Project work ,internship and sponsorship	2 Yr
8.	**Technocad** - Gives knowledge about mechanical softwares.	3 Yr
9.	**G & D Instruemtns** – Information about metrology and calibration.	2 Yr

10.	**Magnus Power Protection Pvt Ltd** – Gives knowledge about protection equipments	3 Yr
11.	**Siddhivinayak Constructions, Nashik** - Workshop	3 Yr
12.	**Satam CAD & Design Center, Nashik** – Workshop and Internship	3 Yr
13.	**Yadav civil constructors, Sinnar** – Industrial Visits and Placement Services	3 Yr
14.	**Intern Choice -** Collaborating on joint projects, problem-solving, and research activities for mutual benefit.	3 Yr
15.	**Boraste Technologies -** To connect theoretical knowledge with practical industry demands, making students proficient in current technologies.	3 Yr
16.	**Dodson Lindblom Hydro Power Plant Pvt. Ltd. , Bhandardara -** To Provide Industrial Visit, Industrial Training and Workshop , Project work ,internship	2 Yr
17.	**Elite Technologies Pvt. Ltd. Ambad - -** To Provide Industrial Visit, Industrial Training and Workshop , Project work ,internship	5 Yr

16.LoA/EoA till the current Academic Year :

https://siernashik.org.in/aicte/