

Appendix 10

Format for Mandatory Disclosure

Mandatory Disclosure – Updated On – 18/01/2024

AICTE File No -AICTE/FNO.740-89-341(E) ET/12.7.99

10.1 Name of the Institution

Name	SHRI ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	A/p- Old Air Port, Ashta, Tal- Walwa Dist- Sangli
City & Pincode	Ashta, 416301
State	Maharashtra
Phone No with STD Code	8600600700
Office hours at the Institution	10.00 am to 6.00 pm
Academic hours at the Institution	8.45 to 4.15 pm
E-Mail	info@adcet.in
Web site	www.adcet.ac.in
Nearest Rly Station	Sangli
Nearest Airport	Kolhapur

10.2 Name and Address of the Trust/Society/Company and the Trustees of the Institution

Name of the organization running the Institution	Sant Dnyaneshwar Shikshan Sanstha
Type of the organization	Society
Address of organization	Kachare Galli, At, Po. - Islampur, Tal. – Walwa, District : Sangli
Registered with	Government of Maharashtra (1860/MAH/1599/Sangli / dt 28 July 1986)
Registration Date	Bpt/1950 F-1546/ dt 30 Sept 1986
Website of the organization	www.santdnyaneshwar.org

10.3 Name and Address of the Vice Chancellor/Principal/Director

Name of Principal /Director	Dr.Vikram S. Patil
Exact Designation	Director
Phone No with STD code	8600106350
Email	director@adcet.in
Highest Degree	M.E., Ph.D.
Field of Specialization	Electronics
State	Maharashtra
Phone No.	8600600700
E-mail	director@adcet.in

10.4 Name of the Affiliating University

Name of the affiliating University / Board	Shivaji University, Kolhapur
Address	Kolhapur
Website	www.unishivaji.ac.in

10.5 Governance

10.5.1 Governing Body (2022-23 to 2024-25)

Sr.No.	Name of Member	Affiliation	Position	Phone No.
Chairperson				
1	Hon. Ramchandra Mahadev alias Annasaheb Dange	Chairman, Sant Dnyaneshwar Shikshan Sanstha	Chairman	9822132970
Members of the Trust/Society/Management				
2	Adv. Shri. R. R. Dange	Secretary, Sant Dnyaneshwar Shikshan Sanstha	Member	9890033007
3	Mr. Nitin Zanwar	Managing Director, Ashta Liners Ashta	Member	9623940617
4	Prof. R. A. Kanai	Executive Director, Sant Dnyaneshwar Shikshan Sanstha	Member	9730377786
5	Dr. S. B. Bapat	Medical Practice and Social Work	Member	9423809674
Teachers of College				
6	Mr. S. S. Sayyad	TPO & HOD, CSE Dept in Annasaheb Dange College of Engineering and Technology	Member	9881088928
7	Dr. S. Gopinath	Dean Academic, Annasaheb Dange College of Engineering and Technology	Member	9842066401

8	Shri. S. B. Hivarekar	Registrar, Annasaheb Dange College of Engineering and Technology	Member	9689895057
Educationist/Industrialist				
9	Prof. R. S. Pant	Aerospace Engineering Department, IIT Bombay	Member	9820084502
10	Prof. Sanjay B. Dhaigude	Dean, Corporate Relations, Alumni & Students Careers, WCE Sangli	Advisory Member	9422615070
UGC Nominee				
11	Prof. A. B. Pandit	Fellow, Indian Academy of Sciences and National Academy of Sciences, Department of Chemical Technology, Institute of Chemical Technology, Mumbai	Member	9820408037
State Government Nominee				
12	Dr. D. V. Jadhav	Joint Director, Directorate of Technical Education, Pune	Member	020-25656234, 9422797509
University Nominee				
13	Dr. M. V. Gulawani	Principal, Modern Education Society, Education College Vita	Member	9422406287
Director of College				
14	Dr. Vikram S. Patil	Director, Annasaheb Dange College of Engineering and Technology	Member - Secretary	8600106350

10.5.1 ACADEMIC COUNCIL

Academic Council (2023-24 to 2024-25)

Sr.No.	Name of Member	Designation	Institute/Organization
1.	Prof. R. A. Kanai	Executive Director	Sant Dnyaneshwar Shikshan Sanstha, Ashta.
Chairman			
2.	Dr. Vikram S. Patil	Director	Annasaheb Dange College of Engineering & Technology, Ashta
Experts Nominated by Governing Body			
3.	Dr. B. N. Chaudhari	Principal	Sardar Patel Institute of Technology, Mumbai.
4.	Dr. V. S. Bandal	Principal	Government Polytechnic, Pune
5.	Dr.S. A. Pardeshi	Principal	Government Residence Women Polytechnic, Tasgaon
6.	Dr G. R. Munvalli	Professor	Department of Civil Engineering, Walchand College of Engineering, Sangli
7.	Shri. Nitin S. Zanvar	Managing Director	Zanvar Group of Industries, Kolhapur
Experts Nominated by Shivaji University, Kolhapur			
8.	Dr. S.M.Pise	Professor	Department of Mechanical Engineering, KIT's College of Engineering, Kolhapur
9.	Dr D. B.Kulkarni	Professor	Department of Information Technology, Walchand College of Engineering, Sangli
10.	Dr. H.S.Jadhav	Professor	Department of Civil Engineering, Rajarambapu Institute of Technology, Rajaramnagar, Islampur

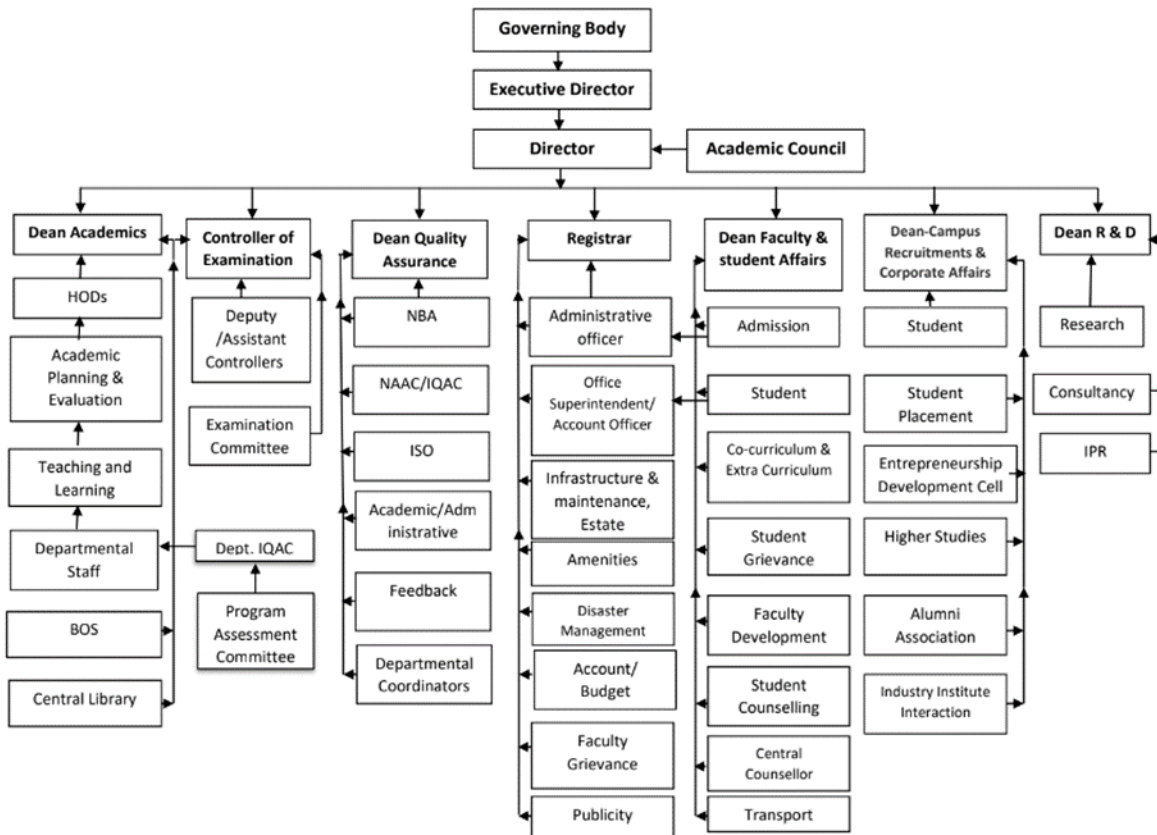
Teachers Representatives			
11.	Dr. S. P. Chavan	Dean, Consultancy & Community Outreach	Annasaheb Dange College of Engineering & Technology,Ashta
12.	Dr. S. B. Hivarekar	Dean, Administration	Annasaheb Dange College of Engineering & Technology,Ashta
13.	Dr. V. B. Patil	Controller of Examinations	
14.	Dr. P. D. Kulkarni	Dean, Corporate Relations	
15.	Dr A. A. Jadhav	Dean, Quality Assurance	
16.	Prof. Sandip S Magdum	Dean - Training and Placement	
Head of the Departments			
17.	Dr.M.M.Jadhav	Head, Mechanical Engineering	Annasaheb Dange College of Engineering & Technology, Ashta
18.	Dr.S. S. Sayyad	Head, Computer Science and Engineering	
19.	Dr. Balakrishnan P	Head, Electrical Engineering	
20.	Dr. S. S. Mohite	Head, Civil Engineering and Basic Sciences	
21.	Prof. Kiran Babu K.M	Head, Aeronautical Engineering	
22.	Dr Vivek D Talnikar	Head, Food Technology	
23.	Dr. A. N. Jadhav	Head, Artificial Intelligence and Data Science & Dean, Research & Development	
24.	Dr.John Ashok	Head, Computer Science And Engineering (IOT, CS including BCT)	
Member Secretary			
25.	Dr. Gopinath S	Dean Academics	Annasaheb Dange College of Engineering & Technology, Ashta

10.5.3

Frequency of Meeting & Date of Last Meeting	
Governing Body	Two Meetings in Annual
Academic Advisory Board	

10.5.4 Organization Chart :

Organizational Chart



Responsibility & Authority:

Sr.No.	Name of Post	Responsibility	Authority
	Governing Body	<ul style="list-style-type: none">• Frame directive principles and policies.• Amend and approve policies from time to time• Approve budgets	Prof. R. A. Kanai Executive Director
	Director	<ul style="list-style-type: none">• Mobilize internal & external resources to strengthen the institute• Plan & provide necessary facilities/equipment for development.• Instill confidence and devotion in every member of the institute• Periodic monitoring & evaluation of various processes• Ensure effective purchase procedure• Define quality policy and objectives• Annual budget• Arrange periodic meeting of various bodies and committees.• Accounts and finance• Employee recruitment	Dr. Vikram S Patil
	Registrar	<ul style="list-style-type: none">• Employee Recruitment and development• Purchase Process• Annual Magazine• Resource Provision• Preparing Budget• Office Administration• Compliance with AICTE, DTE & University• Admission• Transport• Alumni interaction• Public relations• Resource Generation• Housekeeping including hostels	Mr. S.B. Hivarekar
	Dean Academics	<ul style="list-style-type: none">• Prepare and execute academic calendar• Monitor the teaching-learning process• Carry out result analysis and suggest corrective measures to Principal• Initiate supplementary teaching measures• Internal and External examinations• Library Up gradation• Student Training and Placement• Proper conduct of co-curricular activities• Formation of student council	Dr. S. Gopinath

		<ul style="list-style-type: none"> • Proper conduct of cultural activities • Proper conduct of sports activities • Student discipline • Student health care • Student orientation 	
	Dean R & D	<ul style="list-style-type: none"> • Up-scaling and enhancing the research activities within the institute • Raise awareness of funding opportunities to support faculty research and externally funded sponsored/consultancy projects • Encourage industry institute linkages and collaborative research • Motivate faculty to write projects • Monitor the effective utilization of funds of externally funding projects. • Facilitate the Consultancy work in the institution. • Maintain and update record of research publications 	Dr.A.N. Jadhav
	Dean Campus Recruitment and Corporate Affairs	<ul style="list-style-type: none"> • Liaison with industry • Identify and provide for training needs of students • Arrange campus interviews • Proposing annual T & P budget 	Mr.S.S.Sayyad
	Dean Quality Assurance	<ul style="list-style-type: none"> • Functioning according to the processes set • Complying with NBA, NAAC, ISO • Up scaling and enhancing the quality in every process. • Formation of IQAC, its meeting and implementing resolutions of IQAC. 	Dr. A. A. Jadhav
	Controller of Examination	<ul style="list-style-type: none"> • Executing pre-examination activities • Implementing AICTE Exam reforms policy • Planning and executing the assessment policies • Arranging Assessment and evaluation of practical courses • Arranging Assessment and evaluation of theory courses • Declaration of results within stipulated period of time • Executing post examination activities • Maintaining answer-books for stipulated period of time. 	Mr.V.B.Patil

	Head of Department	<ul style="list-style-type: none"> • Plan and execute academic activities of the department • Maintain discipline and culture in the department • Maintain the department neat and clean • Pick and promote strengths of students / faculty / staff • Monitor academic activities of the department • Propose Department Budget • Adhere to QMS Procedures • Maintain records of departmental activities and achievements 	Corresponding Department Head
	Librarian	<ul style="list-style-type: none"> • Plan and execute modus operandi of routine activity of the library • Plan and propose expansion / development • Maintain library discipline and culture • Prepare annual budget for library 	Ms.S.T.Salgar
	Alumni Incharge	<ul style="list-style-type: none"> • Formation of student council (SC) • Arrange periodic meetings of SC • Ensure alumni registration • Prepare alumni news letter • Arrange “Runanubandha” meet • Proposing annual budget 	Mr. S. G. Sutar
	Counseling Cell Incharge	<ul style="list-style-type: none"> • Facilitate career guidance to students • Assist students suffering from psychological disorders • Arrange for professional counselors • Maintain record of counseling activities • Student academic counseling • Provide slow-pace programme for weaker students • Arrange remedial classes for weaker students 	Mr.Kapil Lalit
	Dean Faculty and Students Welfare	<ul style="list-style-type: none"> • Organize events through students professional societies / chapters • Organize paper and design contests • Encourage student participation • Publication of technical magazine and news letters • Record of student participation and achievements in Co-curricular and extra – curricular activities • Maintain record of such events 	Mr.S.B.Hivarekar

	Physical Instructor	<ul style="list-style-type: none"> • Ensure smooth conduct of sports • Ensure proper use of gym • Purchasing of sport items • Encourage students to participate in zonal tournaments • Creation and upkeep of sports facilities • Proposing annual budget 	Mr.Rudreshappa Basapa Shivpulji
--	---------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------

10.5.5 **Involvement of faculty in academic affairs / improvements and students in academic affairs / improvements**

- Faculty meetings are conducted fortnightly in respective programme departments.
- Two meetings per semester are conducted by the Director with faculty.
- Free interaction is successfully encouraged in these meetings.
- **Academic diaries** are being strictly maintained by faculty for past 2 years.
- Student representatives are often invited to participate in the meetings for decision on students related policy issues such as mid-term test, attendance, sponsored projects.
- Valuable suggestions are received from students.
- Student participation in such meetings takes place at least once in a semester.
- Counseling of students by the Principal and other members of Academic Advisory Board.

10.5.6 **Mechanism/Norms & Procedure for democratic/good Governance**

- ISO 9001:2000 based Quality Management System and associated quality system procedures provides Mechanism for democratic and good governance

10.5.7 **Student Feedback on Institutional Governance/faculty performance**

- Student feedback on faculty performance is obtained on a well designed format. The feedback is further evaluated and discussed with the faculty with an aim to motivate the person concerned for improvement.
- Formal student feedback is presently not being taken on institutional performance. It will be introduced from next semester

10.5.8 **Grievance redressal mechanism for faculty, staff and students**

- Decentralized functioning being quite effectively practiced, the redressal of majority of the grievances is eventually taken care by respective department and the faculty.
- A few common grievances are dealt with at the level of the dean.
- Very few left are attended to by the Principal.
- Moreover suggestions box has been kept for the students.

10.5.9 **Anti-Ragging Committee**

Academic Year: 2023-24

S.N.	Name	Affiliation	Position
1.	Prof. R. A. Kanai	Chairman	Chairman
2.	Dr. V.S. Patil	Director	Member
3.	Mr. S. B. Hivarekar	Nodal Officer	Member
4.	Mr. S. N. Shingare	Management Representative	Member
5.	Ms. V. M. Patil	Ladies Representative	Member
6.	Mr.S.S. Mohite	Teaching Representative	Member
7.	Mr. S.L. Chittewar	Teaching Representative	Member
8.	Mr. D. V. Sadamate(PSI)	Police Representative	Member
9.	Mr. P.A. Patil	Parent Representative	Member
10.	Mr. D. V. Adsul	Staff Representative	Member
11.	Mr. S. L. Shiralkar	Journalist	Member
12.	Mr. Yadav Shubham Dinkar	Fresher's Representative	Member
13.	Ms. Manasi S. Patil	Seniors Representative	Member
14.	Mr. S. T. Ghutukade	Member Secretary	Member-Secretary

Anti-Ragging Squad 23-24

Sr. No.	Name	Designation	Contact Number
1.	Prof. R. A. Kanai	Chairman	9604000786
2.	Dr. V.S. Patil	Member	9902988138
3.	Mr.S.S. Mohite	Member	8600600777
4.	Mr. S. B. Hivarekar	Nodal Officer	9689895057
5.	Mr. S. N. Shingare	Management Representative	9822088005
6.	Ms. V. M. Patil	Ladies Representative	7387102650
7.	Mr. S. T. Ghutukade	Member Secretary	7588628497

10.5.10 Grievance Redressal Cell 23-24

Sr. No	Name of Member	Affiliation	Designation
1.	Prof. R. A. Kanai	Executive Director	Chairman
2.	Dr. V.S. Patil	Director	Member
3.	Prof. S. B. Hivarekar	Registrar	Member
4.	Dr. S. P. Chavan	Senior Faculty Member	Member
5.	Dr. S.Gopinath	Dean Academics	Member
6.	Prof. V. B. Patil	Controller of Examination	Member
7.	Mrs. A. N. Mulla	Ladies Faculty Representative	Member
8.	Mr.Chinmayi N. Phatak	Student Representative	Member
9.	Prof. Abhijit S. Tate	Student Council Incharge	Member Secretary

10.5.11 SC/ST Committee 23-24

S. N.	Name	Affiliation	Position
1.	Dr. Vikram. S. Patil	Director	Chairman
2.	Dr. S.Gopinath	Dean Academics	Member
3.	Mr. Ajit R. Mane (SC)	Teaching Faculty	Member
4.	Mr. Ajit R. Pradnyawant	Teaching Faculty	Member
5.	Ms. Nalini A. Pol (SC)	Non-Teaching Staff	Member

10.5.12 Internal Quality Assurance Cell 23-24

Sr.No.	Names	Position
1.	Dr. Vikram S. Patil Director, ADCET, Ashta	Chairman
2.	Adv. R. R. Dange, Secretary, SDSS, Islampur	Management Representative
3.	Prof. R.A. Kanai, Executive Director, SDSS, Islampur	Member
4.	Mr. S. B. Hivarekar, Registrar,Dean Administration	Senior Administrative Officer
5.	Dr. S.Gopinath, Dean Academics	Senior Administrative Officer
6	Dr. P. D. Kulkarni, Dean Corporate Relations	Senior Administrative Officer
7.	Dr. S. P.Chavan, Dean Consultancy	Senior Administrative Officer
8.	Dr. A. N. Jadhav Dean R&D	Senior Administrative Officer
9.	Mr. S. S. Sayyad Training & Placement Officer	Senior Administrative Officer

10.	Mr. D. V. Adsul Administrative Officer	Senior Administrative Officer
11.	Dr. S. B. Bapat , Ashta	Member Local Society
12.	Mr. JadhavSangramShrirang Student, Mechanical Engineering	Student-Member
13.	Shri. AbhijitPatil , Bharat Forge (Manager)	Alumni
14.	Adv. S. T. Patil Vice-President, SDSS, Islampur	Employers
15.	Shri. Nitin S. Zanvar , Ashta	Industrialist
16.	Prof. Dr. R.G. Sonkawade Department of Physics, Shivaji University, Kolhapur	Stakeholder
17.	Prof. M. M. Jadhav HoD, Mechanical Engineering	Teacher Representative
18.	Dr. S. S. Sayyad , HoD, Computer Science Engineering	Teacher Representative
19.	Dr. Balakrishnan P HoD, Electrical Engineering	Teacher Representative
20.	Mr. S. S. Mohite , HoD, Civil Engineering, Basic Science	Teacher Representative
21.	Dr. K.M.Kiran Babu HoD, Aeronautical Engineering	Teacher Representative
22.	Mr. V. B. Patil Controller of Examination	Senior Administrative Officer
23.	Dr. Abhijitkumar A. Jadhav Dean Quality Assurance	Member Secretary

1. Chairperson: Head of the Institution

01

2. Teachers to represent all level (Three to eight)

07

- | | |
|-----------------------------------------------------------------------|----|
| 3. One member from the Management | 01 |
| 4. Few Senior administrative officers | 09 |
| 5. One nominee each from local society, Students and Alumni | 03 |
| 6. One nominee each from Employers /Industrialists/Stakeholders | 03 |
| 7. One of the senior teachers as the coordinator/Director of the IQAC | 01 |

The membership of such nominated members shall be for a period of two years
IQAC should meet at least once in every quarter

10.6

Name of the Programme Approved AICTE

UG Level

Sr. No.	Courses	Existing	Year of Starting	Full Time Or
1.	Mechanical Egeeneering	120	1999 & 2010	Full Time
2.	Computer Science & Engineering	120	2001 & 2019	Full Time
3.	Electrical Engineering	120	2004 & 2016	Full Time
4.	Civil Engineering	60	2010	Full Time
5.	Aeronautical Engineering	60	2013	Full Time
6.	Foot Technology	60	2019	Full Time
7.	Artificial Intelligence & Data Science	60	2021	Full Time
8.	Computer Science and Engineering (Internet of Things & Cyber Security including Block Chain Technology)	60	2021	Full Time
	Total	660		

Name of Programme NBA Accreditation

Sr. No.	Name of Courses Accredited	NBA Accreditation Status
1.	Mechanical Engineering	Academic Year 2019-20 to 2021-22 i.e. up to 30/06/2022,
2.	Computer Science & Engineering	Academic Year 2019-20 to 2021-22 i.e. up to 30/06/2022
3.	Electrical Engineering	Academic Year 2019-20 to 2021-22 i.e. up to 30/06/2022
4.	Civil Engineering	Academic Year 2020-21 to 2022-23 i.e. up to 30/06/2023
5.	Aeronautical Engineering	Academic Year 2019-20 to 2021-22 i.e. up to 30/06/2022

NAAC Accreditation Status

NAAC Accredited	NAAC Accreditation Status
	Grade A++, with CGPA of 3.52

10.7 Faculty

Faculty Position **Required/Available** for the existing programmes (Department Wise): UG

Name of the Programme	Total number of Faculty Required Uni Sanc. Post	Total number of Faculty Available	Professor	Associate Professors	Assistant Professor
Mechanical Engg	22	26	4	6	16
Computer Science & Engg.	23	29	5	3	21
Electrical Engg	25	26	2	5	19
Civil Engg	16	17	2	3	12
Aeronautical Engg	9	13	1	3	9
Food Technology	9	6	-	1	5

Computer Sci & Engg (IOT)	6	7	1	1	5
Artificial Intelligence & Data Sciences	6	8	1	1	6
Basic Science	8	16	-	-	16
Total	124	<u>148</u>	16	23	109

Faculty Position for the existing programmes (Department Wise): UG/PG

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Prof.Kanai Rafiq Abu	Executive Director/ Professor	B.E. Mech	ME Production	-	14.02. 1965	01.01. 2009
2.	Dr. Patil Vikram Shripati	Director	B.E. Electronics	ME Electronics	Ph.D.	25.10. 1965	12.03. 2020

Programme: - Mechanical Engineering (First Shift)- 25

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. Waghmode LaxmanYadu	Professor	B.E. Mech	ME Design	Ph.D.	27.09. 1979	18.07. 2002
2.	Dr. Chavan Shrirang Pandurang	Professor	B.E. Mech	ME Design	Ph.D.	01.06. 1954	16.06. 2017
3.	Dr. Patil Vijay Balkrishana	Professor	B.E. Mech	ME Design	Ph.D.	20.07. 1972	25.06. 2009
4.	Dr. Kulkarni Prasad Dattatraya	Associate Professor	B.E. Mech	ME Heat & Power	Ph.D.	01.06. 1973	01.07. 2001
5.	Dr. Jadhav Manoj Mahatamaji	Associate Professor	B.E. Mech	M.E. Design	Ph.D.	21.06. 1981	09.08. 2005

6.	Dr. Jadhav Abhijtkumar Anandrao	Associate Professor	BE Mech	M.E. Design	Ph.D.	26.03.1984	01.08. 2010
7.	Dr. Patil Sushant Mohan	Associate Professor	B.E. Mech	M.E. Design	Ph.D.	21.06.1981	03.08.2023
8.	Mr. Pirjade Akhatharhuse n Mubarak	Associate Professor	B.E. Mech	ME Design	Pursuing	20.05.1975	08.08. 1999
9.	Mr.Burle Kiran Jinpal	Associate Professor	BE Mech	M.Tech . Robotics	Pursuing	26.03.1984	24.12. 2012
10.	Mr. Gaji Rahul Rajkumar	Assistant Professor	BE Mech	M.E. CAD/CAM/CAE	Pursuing	07.02.1988	03.01. 2012
11.	Mr.Mane Ajit R.	Assistant Professor	BE Mech	M.Tech . Thermal	-	11.04.1984	15.06. 2012
12.	Mr. Pawar Girish Bhimrao	Assistant Professor	BE Mech	M.E. Design	-	10.11.1988	26.06. 2012
13.	Mr. Ballal Yuvaraj Prakash	Assistant Professor	BE Mech	M.Tech . Production	-	15.05.1988	25.06. 2012
14.	Mr.Rakate Ganesh Narayan	Assistant Professor	BE Mech	M.E. Design	-	07.06.1984	24.12. 2012
15.	Mr.Patil Harshvardhan Hambirrao	Assistant Professor	BE Mech	M.E. Design	-	30.03.1989	20.06. 2013
16.	Mr. Shekhar (Patil) Sumit Vitthal	Assistant Professor	BE Mech	M.Tech . CAD/CAM/CAE	-	26.03.1984	06.07. 2013
17.	Mr.Mali Pritam Vasantrao	Assistant Professor	BE Mech	M.Tech	-	28.04.1987	16.06. 2014
18.	Mr.Nargatti Kiran Ishawar	Assistant Professor	BE Mech	M.Tech	-	11.11.1987	16.06. 2014
19.	Mr.Chendke Ghanshyam Mahaling	Assistant Professor	BE Mech	M.E. Design	-	13.10.1987	06.07. 2015
20.	Mr.Ghutugade Santosh Tanaji	Assistant Professor	BE Mech	ME Production	-	05.08.1988	15.06. 2016
21.	Mr.Gondkar Vivek Suresh	Assistant Professor	BE Mech	ME Production	-	07.06.1988	15.06. 2016

22.	Mr. Patil Rajkumar Tukaram	Assistant Professor	BE Mech	M.E. Design App	-	31.01. 1964	01.12. 2009
23.	Mr.Patil Pradip Bhaskar	Assistant Professor	BE Mech	ME Design	-	04.04. 1983	10.07. 2013
24.	Mr.Tate Abhijit Shankar	Assistant Professor	BE Mech	Mtech Prod.	-	11.04. 1992	01.07. 2016
25.	Mr. Mohite Ajinkya Anil	Assistant Professor	BE Mech	Mtech Prod.	-	07.12. 1993	01.09. 2023

Programme: - Computer Science & Engineering : 29

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. Sayyad Suhel Shabbir	Professor	BE CSE	M. Tech. C.S.E.	Ph.D.	01.05. 1986	13.07. 2009
2.	Dr. Jadhav Amolkumar Narayan	Professor	B.E. C.S.E	M.Tech . IT	Ph.D.	31.03. 1988	01.01. 2022
3.	Dr. Katkar Vijay Dadasaheb	Professor	B.E. IT	M.Tech . C.E.	Ph.D.	01.09. 1983	08.05. 2023
4.	Dr.Chougule Archana Maheshkumar (F)	Professor	B.E. ECE	M.Tech .	Ph.D.	01.04. 1984	01.02. 2023
5.	Dr. Pradhan Padma Locha	Professor	B.E. ECE	M.Tech .	Ph.D.	18.12. 1959	18.12. 2023
6.	Dr. Riman Mandal	Associate Professor	MCA	MTech	Ph.D.	27.05. 1982	23.11. 2023
7.	Dr. Arifa Javid Shikalgar (F)	Associate Professor	B.E. C.S.E	M.E. C.S.E.	Ph.D.	27.05. 1982	01.08. 2023
8.	Mrs. Mulla Anisafatima Nazim(F)	Associate Professor	B.E. C.S.E	M.E. C.S.E.	Pursuing	20.05. 1978	01.07. 2001
9.	Mr.Sutar Sandeep Gajanan	Assistant Professor	B.E. C.S.E	M.E. C.S.E.	-	07.12. 1981	04.07. 2005
10.	Mr. Patil Sachin Popat	Assistant Professor	BE I.T	M.E. C.S.E.	-	11.11. 1983	05.07. 2005

11.	Mr.Kamble Vishal Appasaheb	Assistant Professor	B.E. C.S.E	M.E. CSE App	-	06.09. 1982	01.07. 2006
12.	Mr.Dange Amol Subhash	Assistant Professor	BE CSE	M. Tech. C.S.E.	-	25.06. 1983	20.07. 2009
13.	Mr.Kamble Rajesh Mahadev	Assistant Professor	BE IT	M. Tech. C.S.E.		27.10. 1988	01.01. 2016
14.	Mr. Pradnyavant Ajit Ratnakar	Assistant Professor	BE IT	M.Tech. CSE	-	27.10. 1988	01.01. 2016
15.	Mr.Khatavkar Shrihari Dilip	Assistant Professor	BE CSE	M.E. C.S.E.	-	11.04. 1985	25.05. 2007
16.	Mr. Lubal Yogesh Shankar	Assistant Professor	BE Computer	ME CSE	-	10.06. 1984	20.07. 2015
17.	Mr.More Pravin Baban	Assistant Professor	BE CSE	ME CSE	-	02.01. 1986	15.06. 2016
18.	Smt. Patil Ashvini Sandip (F)	Assistant Professor	BE CSE	ME CSE	-	04.03. 1984	17.01. 2017
19.	Mrs.Patil Pallavi Suhas (F)	Assistant Professor	BE CSE	ME CSE	-	19.11. 1991	01.10. 2021
20.	Mrs.Walandkar Tabbasum Akbar (F)	Assistant Professor	BE CSE	ME CSE	-	30.03. 1987	23.05. 2022
21.	Mrs.Katti Shailaja Shailesh (F)	Assistant Professor	BE CSE	M.E. CSE	-	24.02. 1985	21.07. 2022
22.	Ms. Surayvanshi Neha Sambhaji (F)	Assistant Professor	BE CSE	M.E. CSE	-	24.02. 1985	21.07. 2022
23.	Mr. Nadaf Niyaj Shabbir	Assistant Professor	BE E & CT	M.E. E & Tc	-	24.06. 1991	01.11. 2022
24.	Mr. Kadam Swapnil Ramesh	Assistant Professor	BE CSE	M.E. CSE	-	31.03. 1984	10.04. 2023
25.	Mr. Ranbhise Satish Madhukkar	Assistant Professor	BE CSE	M.E. CSE	-	06.10. 1976	24.07. 2023

26.	Mrs. Kavathekar Rajanee Gajkumar (F)	Assistant Professor	BE CSE	M.E. CSE	-	25.02.1992	24.07. 2023
27.	Ms. Pail Rutuja Sanjay (F)	Assistant Professor	BE CSE	M.Tech . CSE	-	24.11.1995	24.07. 2023
28.	Ms. Chavan Ashwini Shashikant (F)	Assistant Professor	BE CSE	M.E.	-	09.09.1990	01.01. 2024
29.	Mr. Patil Vikas Anandrao	Assistant Professor	BE CSE	M.E.	-	03.10.1989	08.01. 2024

Programme: - Computer Science & Engineering (Internet of Things and Cyber Security including Block Chain Technology) :07

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. S. Mani	Professor	BE CSE	M.E.CS E	Ph.D.	30.07.1969	26.06. 2022
2.	Dr. John Ashok	Associate Professor	B.E. E.& C	M.Tech . Digital Electronics	Ph.D.	12.01.1980	21.08. 2023
3.	Mrs.Madhuri Joseph Siddharapu (F)	Assistant Professor	B.E. E.& C	M.Tech . Digital Electronics	--	25.07.1985	13.06. 2022
4.	Mr. Salotagi Shreekanth Chadashekhar	Assistant Professor	B.E. C.S.E	M.Tech . C.S.E.	--	02.04.1986	01.08. 2022
5.	Mr. Tadasare Abhijeet Sanjay	Assistant Professor	BE CSE	M.Tech . CSE	-	04.02.1988	24.04. 2023
6.	Mrs. Phathak Prachi Shardul (F)	Assistant Professor	BE CSE	M.Tech . CSE	-	30.07.1991	24.07. 2023

7.	Mr. Suresh S.	Assistant Professor	BE CSE	M.Tech . CSE	-	17.07. 1991	18.12. 2023
----	---------------	---------------------	--------	--------------	---	-------------	-------------

Programme: - Artificial Intelligence and Data Science -08

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. Shaik Asma Ayyaj (F)	Professor	B.E.	M.E.C. E.	Ph.D.	26.09. 1986	05.12. 2023
2.	Mr. Krishna Kumar	Associate Professor	B.E. C.S.E	M.E. C.S.E.	Pursuing		01.09. 2022
3.	Mr. Honmane Vikas Namdev	Assistant Professor	B.E. C.S.E	M.Tech . C.S.E.	--	01.05. 1988	01.07. 2022
4.	Mrs. Awati Amruta Pratik (F)	Assistant Professor	BE CSE	M.E. CSE	-	26.10. 1990	04.04. 2023
5.	Ms. Danwadkar Tejswini Suresh (F)	Assistant Professor	BE CSE	M.E. CSE	-	26.10. 1990	24.07. 2023
6.	Mrs. Kaulgud Rama Vaibhav (F)	Assistant Professor	BE E &Tc	M.Tech . E & Tc	-	26.05. 1987	24.07. 2023
7.	Mr. Mali Vaibhav Rajendra	Assistant Professor	BTech CSE	M.Tech . CSE	-	07.10. 1995	01.11. 2023
8.	Mrs. Suryawanshi Priyanka Pravin (F)	Assistant Professor	BCA	MCA	-	19.01. 1992	01.11. 2023

Programme: - Electrical Engineering :26

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		

1.	Dr. P. Balkrishnan	Professor	BE Electrical & Electronics	ME Embedded Sys Tech	Ph.D.	17.05.1978	05.01.2022
2.	Dr. R. Arulmurgan	Professor	BE Electrical	M.E. Power Electronics & Drives	Ph.D.	08.07.1985	30.05.2022
3.	Dr. S. Gopinath	Associate Professor	BE Electrical	ME Electrical	Ph.D.	31.08.1980	09.12.2019
4.	Dr. Patil Manoj Dhondiram	Associate Professor	BE Electrical	ME Electrical	Ph.D.	22.09.1987	14.07.2010
5.	Dr. M.Palpandian	Associate Professor	BE Electrical	ME Electrical	Ph.D.	13.04.1984	01.06.2023
6.	Dr. Mrs. V. Subha Seethalakshmi	Associate Professor	BE Electrical	ME Electrical	Ph.D.	10.02.1980	01.06.2023
7.	Dr. N. Vengadachalam	Associate Professor	BE Electrical	ME Electrical	Ph.D.	02.06.1979	08.06.2023
8.	Dr. Pawar Suraj Deelip	Assistant Professor	BE Electrical	M.E. Control System	Pursuing	15.07.1993	05.06.2017
9.	Ms.Kharade Jyoti Mohan (F)	Assistant Professor	BE Electrical	M.E. Power Sys	Pursuing	31.10.1991	06.01.2016
10.	Mr.Mali Prashant Shivajirao	Assistant Professor	BE Electrical	M.E. Power Sys	-	10.11.1990	26.12.2015
11.	Mr. Madake Rajendra Bhimraj	Assistant Professor	BE Electrical	M.E. EPS	-	25.06.1991	14.06.2016
12.	Mr. Ghodake Akash Sanjay	Assistant Professor	BE Electrical	M.E. EPS	-	16.07.1993	15.06.2019
13.	Mr.Jadhav Amit Bhimrao	Assistant Professor	BE Electronics	ME Electronic Dig.Sys	-	11.12.1990	15.06.2015
14.	Ms.Suryawanshi Deepali Anandrao (F)	Assistant Professor	BE Electrical	M.Tech Power Sys	-	26.10.1990	02.08.2017

15.	Ms.Patil Vidya Sampatrao (F)	Assistant Professor	BE Electrical	ME EPS	-	12.12. 1994	01.06. 2018
16.	Mr.Patil Santosh Vilas	Assistant Professor	BE Electrical	M.E. EPS	-	25.01. 1986	04.02. 2019
17.	Mr.Parit Ajinkya Bajirao	Assistant Professor	BE Electrical	M.Tech Power Sys	-	01.08. 1992	15.09. 2021
18.	Mrs.Jadhav Shital Sayaji (F)	Assistant Professor	BE Electrical	ME Electrical	-	23.08. 1989	15.12. 2021
19.	Ms. Patil Anita Kiran (F)	Assistant Professor	BE Electrical	M.Tech EPS	-	03.01. 1991	01.07. 2022
20.	Mr. More Pandurang Dattatray	Assistant Professor	BE Electrical	M.Tech CS	-	01.06. 1976	16.07. 2022
21.	Ms. Parve Sayali Sadashiv (F)	Assistant Professor	BE Electrical	M.Tech CS	-	01.06. 1976	19.10. 1989
22.	Mr. Kavathekar Gajkumar Ramesh	Assistant Professor	BE Electrical	M.Tech EPS	-	02.09. 1989	01.04. 2023
23.	Mr. Swami Omkar Prakash	Assistant Professor	BE Electrical	M.Tech EPS	-	11.10. 1995	01.04. 2023
24.	Mr.Shaligram Mayuresh Vinayak	Assistant Professor	BE Electrical	M.Tech PED	-	24.02. 1990	01.04. 2023
25.	Mr. Patil Rohit Vasant	Assistant Professor	BE Electrical	M.Tech EPS	-	29.09. 1986	01.09. 2023
26.	Mr. Mulani Ansar Salim	Assistant Professor	BE Electrical	M.Tech EPS	-	22.10. 1994	20.11. 2023

Programme: - Civil Engineering: 17

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. Hivarekar Shailendra B.	Professor	B.E. Civil	ME Environmental	Ph.D.	15.07. 1976	02.05. 2011

2.	Dr. Mohite Santosh Shankar	Professor	B.E. Civil	ME Structures	Ph.D.	28.02. 1979	02.05. 2012
3.	Dr.Chandak Piyush Govind	Associate Professor	B.E.Civil	ME Const.& Mgt.	Ph.D.	05.01. 1988	17.06. 2013
4.	Dr. Phatak Udaykumar Jagannath	Associate Professor	B.E. Civil	ME Environmental	Ph.D.	17.01. 1984	07.06. 2023
5.	Dr.Mota Manoj Hiraji	Associate Professor	B.E. Civil	M.Tech . Structures	-	05.02. 1977	01.07. 2021
6.	Mr. Patil Rahul Anandrao	Assistant Professor	B.E. Civil	ME. Structures App.	-	01.06. 1976	15.01. 2007
7.	Mr.Jadhav Raviraj Vinayak	Assistant Professor	B.E. Civil	ME Const.& Mgt.	Pursuing	08.05. 1983	15.06. 2012
8.	Mrs. Lande Vidya Abhijeet (F)	Assistant Professor	B.E. Civil	M Tech Structures	Pursuing	06.10. 1988	01.07. 2013
9.	Mr. Mujawar Ajim Gulab	Assistant Professor	B.E. Civil	M.Tech Stru	-	07.10. 1989	15.06. 2015
10.	Mr.Mali Pritam Arun	Assistant Professor	BE Mech	ME C & M	-	02.04. 1992	01.01. 2016
11.	Mr.Pisal Pandurang Anadrao	Assistant Professor	B.Sc.Ge o	MSc. Geology	NET	01.04. 1984	15.06. 2015
12.	Mr.Patil Abhijeet Dilip	Assistant Professor	B.E. Civil	Mtech Cont.M gt,	Pursuing	22.06. 1991	01.06. 2018
13.	Mr.Shinde Kiran Kondiba	Assistant Professor	B.E. Civil	M.Tech . Transp.	-	16.02. 1982	07.01. 2019
14.	Mr.Mane Bajirao Vilas	Assistant Professor	B.E. Civil	ME Structures	-	27.11. 1993	10.02. 2020
15.	Mr. Patil Padamsinh Dilip	Assistant Professor	B.E. Civil	M.E.Co nstru. & Mgt	-	30.04. 1991	19.09. 2022
16.	Mr. Khot Sumit Bhimrao	Assistant Professor	B.E. Civil	M.Tech . Structures	-	31.07. 1997	10.08. 2023
17.	Dr.. Chougale Sandeep Babaso	Assistant Professor	B.E. Civil	M.E. Envio.	-	01.06. 1990	05.09. 2023

Programme: - Aeronautical Engineering -13

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr. S. Sendhil Kumar	Professor	B.E. Mech	M.E.C AD	Ph.D.	20.05.1974	13.07.2022
2.	Dr. Yuvaraj S.	Associate Professor	Btech Aero	ME Aero	Ph.D.	24.05.1991	05.01.2022
3.	Dr. Vivekanandan A. K.	Associate Professor	BE Aero	Mtech Aero	Ph.D.	06.07.1989	01.09.2022
4.	Mr.K.M. Kiran Babu	Associate Professor	B.E. Aeronautical	M.E Aeronautical	Pursuing	02.04.1990	18.01.2016
5.	Mr.Kumbhar Yogesh Balaso	Assistant Professor	B.E. Mech	M.Tech Aerospace	-	21.03.1988	23.01.2015
6.	Mr. Nishandar Siddhanath Vishvanath	Assistant Professor	BE Mech	M.E. Heat Power Engg	-	24.09.2016	18.07.2016
7.	Mr.Reju R.	Assistant Professor	B.Tech Aeronautical	M.E. Aeronautical	-	15.04.1993	20.06.2017
8.	Mr.Sanoj P. Suresh	Assistant Professor	B.Tech Aeronautical	M.Tech, Aeronautical	-	07.03.1985	09.07.2018
9.	Mr. Kaleeswaran P.	Assistant Professor	B.E. C.S.E	M.E.	-	09.08.1986	21.01.2023
10	Mr.L. Oblisamy	Assistant Professor	B.Tech Aero	Mtech Aero	-	20.12.1987	03.03.2021
11	Mr.Sabarishwaran Rajasekar	Assistant Professor	B.Tech Aeronautical	M.E. Aeronautical	-	15.02.1995	03.05.2021
12	Mr. Basithrahman A.	Assistant Professor	B.Tech Aeronautical	M.E. Aeronautical	-	23.03.1993	22.01.2022

13.	Mr. Pullela Venkata Sai Karthik Reedy	Assistant Professor	B.Tech Aeronautical	M.E. Aeronautical	-	09.11.1999	27.11.2023
-----	---------------------------------------	---------------------	---------------------	-------------------	---	------------	------------

Programme: - Food Technology– 06

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
1.	Dr.Talnikar Vivek Digambar	Associate Professor	B.E. Chem	M.Tech. Chem	Ph.D.	06.09.1973	06.07.2022
2.	Dr. Patil Anirudh Gururaj	Assistant Professor	B.E. Chem	M.Tech. Chem	Ph.D.	03.12.1993	03.10.2022
3.	Ms.Carvalho Carol Vincent (F)	Assistant Professor	B.E. Bio Tech	M.Tech. Bio Tech	-	15.04.1991	12.07.2021
4.	Mr. Potdar Sumit Sanjay	Assistant Professor	B.E. Chemical	M.Tech. Chemical	-	15.10.1993	01.07.2022
5.	Ms.Yadav Snehal Tushar (F)	Assistant Professor	BE Bio Chemical	M.Tech Bio Engg	-	18.07.1996	26.09.2022
6.	Mr. Giram Kishor Kailasrao	Assistant Professor	B.Tech. Food Sci.	M.Tech Food Sci.	Ph.D	21.06.1988	02.01.2023

Programme: - Basic Science & Engineering: 16

S. N.	Name (s) of the Teaching Faculty	Designation	Qualifications with field of specialization with class/division of passing			Date of Birth	Date of Joining the Institution
			UG	PG	Doctorate		
Mathematics – 07							
1.	Mr. Suryawanshi Chetankumar Vasant	Assistant Professor	B.Sc. Maths	M.Sc. Maths	-	15.06.1987	20.07.2010

2.	Mrs. Mohite Savita Santosh (F)	Assistant Professor	B.Sc. Maths	M.Sc. Maths	Pursuing	27.05. 1982	18.06. 2012
3.	Mr. Gore Pravin Siddheshwar	Assistant Professor	B.Sc. Maths	M.Sc. Maths, SET	-	05.11. 1995	01.02. 2021
4.	Ms. Jadhav Shilpa Shankar (F)	Assistant Professor	B.Sc. Maths	M.Sc. Maths	-	25.11. 1998	04.04. 2023
5.	Ms. Kurade Jyoti Sadashiv (F)	Assistant Professor	B.Sc. Maths	M.Sc. Maths	-	27.12. 1997	01.08. 2023
6.	Mr. Sawant Laxman Shamrao	Assistant Professor	B.Sc. Maths	M.Sc. Maths	-	08.08. 1992	01.08. 2023
7.	Mr. Swami Saurabh Muralidhar	Assistant Professor	B.Sc. Maths	M.Sc. Maths	-	08.04. 1995	11.01. 2024
Physics-02							
8.	Ms. Mane Surekha Deepak (F)	Assistant Professor	B.Sc. Phy	M.Sc. Phy.	-	27.06. 1978	24.09. 2001
9.	Mr. Deshmukh Rahul Bhimrao	Assistant Professor	B.Sc. Phy	M.Sc. Phy.	Pursuing	27.07. 1982	15.06. 2012
Chemistry – 02							
10.	Mrs. Vairat Vijayalaxmi Maruti (F)	Assistant Professor	B.Sc. Chem	M.Sc., Mphil Chem	-	12.07. 1968	22.09. 2001
11.	Mr. Sande Ziyauddin Dastgir	Assistant Professor	B.Sc. Chem	M.Sc. Chem	Pursuing	20.11. 1978	15.06. 2011
Professional Communication - 05							
12.	Mr. Shinde Audumbar Gangaram	Assistant Professor	B.A. Eng.	M.A. Eng. NET, SET	Pursuing	12.04. 1984	01.07. 2011
13.	Mr. Lalit Kapil Madhav	Counselor	BA	MA, Mphil	-		16.08. 2015

14.	Mr.Patil Aniket Ashok	Assistant Professo r	BA	MA B.Ed.	--	25.07. 1988	14.03. 2022
15.	Dr. Mali Shekhar Balkrishan	Assistant Professo r	BA	MA B.Ed.	Ph.D.		01.11. 2022
16.	Mr. Mulla Moulaai Rasulbhai	Assistant Professo r	BA	MA B.Ed.	SET	04.11. 1986	10.08. 2023

10.6.6.5 Placement Facilities

Facilities at T&P for Campus and Joint campus placement activities

- Dedicated Cabins / room for Campus Interview and Group Discussion
- Best Facilities for Pool / Joint Campus Interview Process
- 800 Seating Capacity Auditorium Equipped with Projector, Screen and Sound System
- Best Facilities for online test with 500 PC's at single place with complete uninterrupted power supply
- Networking Details (LAN,WAN,Email,Internate,Dial Up,Dedicated Leased Lines ,500 Mbps Bandwidth)100/1000 Gigabit Campus wide LAN, Optical Fiber back bone to interconnect PC and Servers
- Online Test with PC is on single floor. Networking Details
- 100/1000 Gigabit Campus Wide LAN, Optical fiber back bone to interconnect PC andServers.
- 500 MBPS dedicated leased line for internet connectivity.
- Dell(TM) Power Edge(TM) R-700 Series Rack Mount Server - 3.5- Inch Chassis NM187
- -Dell(TM) Power Edge(TM) R710 Rack Mount Server Y373J -1x6.
- IBMX-226 processor SERVER with RAID Disks

Campus Process Infrastructure

- Sufficient class rooms for written test
- Separate cabins for interviews and GD
- Auditorium with capacity of 800 students is equipped with latest PA System&Presentation facilities.

Campus placement in last three years

Year	Discipline	Total no. of students placed	minimum salary PA in Lacks	maximum salary PA in Lacks	average salary PA in Lacks
	MechanicalEngineering	111	2	3.8	3.54
	Computer Science & Engineering	74	3	7.5	3.54

2020-21	Electrical Engineering	86	3	4	3.54
	Civil Engineering	13	1.8	3.53.54	
	Aeronautical Engineering	43	3	7.5	3.54
	Foot Technology	--	--	--	--
2021-22	Mechanical Engineering	120	2.85	3.6	4
	Computer Science & Engineering	123	3	12	4
	Electrical Engineering	61	2.8	4	4
	Civil Engineering	29	1.68	3.6	4
	Aeronautical Engineering	23	3.2	12	4
	Foot Technology	--	--	--	--
	Artificial Intelligence & Data Science	--	--	--	--
	Computer Science and Engineering (Internet of Things & Cyber Security including Block Chain Technology)	--	--	--	--
2022-23	Mechanical Engineering				
	Computer Science & Engineering				
	Electrical Engineering				
	Civil Engineering				
	Aeronautical Engineering				
	Foot Technology				
	Artificial Intelligence & Data Science				
	Computer Science and Engineering (Internet of Things & Cyber Security including Block Chain Technology)				

- Twinning & Collaboration with Foreign Collaborations, if any : Not Applicable

10.9 Profile of Vice Chanceloar /Director/Principal/Faculty

- i. Name – Dr. Vikram Shripatil Patil*
- ii. Date of Birth – 25/10/1965*
- iii. Unique ID –*
- iv. Educational Qualification – M.E. Electronics, Ph.D.*
- v. Work Experience –*
 - Teaching – 33*
 - Research – Nil*
- vi. Area of Specialization – Electronics and Mobile Communication*
- vii. Course Taught at Diploma/Post Diploma/Under Graduate/Post Graduate/Post GraduateDiploma Level – UG/PG – Nil*
- viii Research guidance*
 - No of papers published in National/Internationlas Journals/Conference –10*
 - Masters – Nil*
 - Ph.D. – 03*
- ix. Project carried out – 06*
- x. Patents – 1 file*
- xi. Technology Transfer – Nil*
- xii. Research Publications - 20*

10.9 Fee

- Details of Fees Approved by State Fee Committee for the Institute

Year	Fees in Rs.
2022-23	1,07,000/-
2021-22	1,07,000/-
2020-21	1,01,000/-

- Time Schedule for payment of fee for the entire programme – **At the time of admission**

- **Number of Fee Waivers offered :**

Year	Number of Fee Waivers offered
2022-23	21
2021-22	22
2020-21	24

- Number of scholarship offered by the Institution, duration & amount : ----Nil-----
- Criteria for fee waivers/Scholarship/EBC:

Scholarship Student

1. Admission of the student through CAP
2. CAP confirmation letter
3. SSC marksheet
4. HSC marksheet
5. Caste Certificate
6. Caste Validity
7. Income certificate Tasildar below 8 lakh (for SC student no limit of income)
8. Non-Creamy Layer certificate (for OBC/NT/VJ/SBC students only)
9. Adhar Card
10. Bank Pass Book

EBC Student

1. Admission of the student through CAP
2. CAP confirmation letter
3. SSC marksheet
4. HSC marksheet
5. Income certificate Tasildar below 8 lakh
6. Adhar Card
7. Bank Passbook

- **Estimated cost of Boarding and Lodging in Hostels :**

Academic Year	Particulars	New Hostel Fee		Old Hostel Fee	
		Boys	Girls	Boys	Girls
2019-2020	For One Year	25000/-	25000/-	20000/-	20000/-

10.10 Admission Name, Number of Seats & Duration of Courses:

Sr. No.	Courses	Existing Approved Intake	Year of Starting	Duration of Course
1.	Mechanical Engineering	120	1999 & 2010	4 year
2.	Computer Science & Engineering	120	2001 & 2019	4 year
3.	Electrical Engineering	120	2004 & 2016	4 year
4.	Civil Engineering	60	2010	4 year
5.	Aeronautical Engineering	60	2013	4 year
6.	Food Technology	60	2019	4 year
7.	Artificial Intelligence & Data Science	60	2021	4 year
8.	Computer Science and Engineering (Internet of Things & Cyber Security including Block Chain Technology)	60	2021	4 year
	Total	660		

Cut of Marks/Ranks of admission during last three years

Sr. No.	Courses	Sanctioned Intake					
		2020-21		2021-22		2022-23	
		Actual Admission	Cut of Marks	Actual Admission	Cut of Marks	Actual Admission	Cut of Marks
1.	Mechanical Engineering	37	5.33	37	5.33		
2.	Computer Science & Engineering	133	6.83	133	6.83		
3.	Electrical Engineering	91	2.83	91	2.83		
4.	Civil Engineering	57	7.073	57	7.073		
5.	Aeronautical Engineering	49	51.65	49	51.65		
6.	Food Technology	36	6.63	36	6.63		
7.	Artificial Intelligence & Data Science	-	-	-	-		
8.	Computer Science and Engineering (Internet of Things & Cyber Security including Block	-	-	-	-		

	Chain Technology)						
--	-------------------	--	--	--	--	--	--

10.11 Admission Procedure :

- **Admission Quota :** MH-CET – 65%
AIEEE – 15%
Management Quota : 20%
- **Entrance test / admission criteria :**

Qualifying Examination:-XIIth standard Science Examination passing with min 45% for Open category and 40% for BC category and passing the MH-CET.

The admissions are purely governed by merit in MH-CET exam and JEE.

Mention the minimum level of acceptance, if any. - 45% for open and 40 % for BC (Reserve) candidates in the 12th standard science branch exam.

Calendar for admission against Management /Vacant seats:

10.12 Criteria and Weightages for admission

10.13 List of Applicants

10.14 Result of Admission Under Management Seats/Vacant seats

Sr. No.	Application ID	Candidate Name	Category	Merit Marks	Course Name
1	EN22256939	WANGIKAR SAHIL SARANG	Open	81.71	AIDS
2	EN22156876	TONE ROHIT PRAKASH	OBC	81.514	IOT
3	EN22197397	PATIL RAJWARDHAN VIJAYRAO	Open	79.475	CSE
4	EN22229255	MULANI SAIFALI KAMAAL	OBC	78.579	AIDS
5	EN22257887	PATIL RUTUJA RANJITSINH	Open	77.89	AIDS
6	EN22258397	POTDAR SIDDHI SANJAY	Open	75.49	AIDS
7	EN22190539	PATIL DARSHAN DATTATRAY	Open	75.485	CSE
8	EN22117517	MANE SHARDUL PRASHANT	Open	75.351	CSE
9	EN22124458	KHOT SATWASHIL SAMBHAJI	Open	74.364	CSE
10	EN22258116	POTDAR RIDDHI SANJAY	Open	73.49	AIDS
11	EN22148558	PATIL MUGDHA DHANAJI	Open	72.77	AIDS
12	EN22244164	SHINDE ATHARV SUNIL	Open	72.472	CSE
13	EN22257844	PATIL SHREYA SUNIL	Open	71.6	CSE
14	EN22143144	PHALLE SHREYA DNYANRAJ	Open	71.198	CSE
15	EN22149405	MALI SARTH BHAUSAHEB	Open	70.722	CSE
16	EN22149397	PATIL SUYASH RAMESH	Open	69.169	MECH

17	EN22162426	KUMBHAR SANJANA BAJARANG	OBC	66.447	ELECT
18	EN22241247	PAWAR SHUBHAM MARUTI	Open	66.24	CSE
19	EN22256233	JAGTAP VAISHNAVI SANJAY	Open	66.198	AERO
20	EN22219290	MOHITE PRANJAL ABHIJEET	Open	65.266	CSE
21	EN22230509	GHORPADE ARYAN FATHESINGH	Open	64.008	IOT
22	EN22139311	DAREKAR SAMRUDDHI SATISH	Open	63.05	AIDS
23	EN22193042	MANE SHIVRAJ VIDYASAGAR	Open	60.086	CSE
24	EN22175270	SWAPNIL PATIL	Open	59.72	CSE
25	EN22248075	MALI RUSHIKESH HINDURAO	OBC	59.72	AIDS
26	EN22203689	NALE PRASAD BAJIRAO	Open	57.717	AIDS
27	EN22130834	PATIL RUSHIKESH RAMESH	Open	56.583	MECH
28	EN22199942	MULANI KAIFALI KAMAAL	Open	54.524	CSE
29	EN22159854	SHINDE VISHWASHRI VEERDHAVAL	Open	52.23	CSE
30	EN22151260	ATAK CHAITANYA SHASHIKANT	Open	52.23	CSE
31	EN22170625	KHATAVKAR ATMAJ KETAN	OBC	51.236	IOT
32	EN22202255	MULLA AMAN SAJID	Open	51	MECH
33	EN22188904	SALI CHETAN PRASHANT	Open	50.561	CSE
34	EN22247554	DHAVAL NISHANT NANDKUMAR	Open	46.446	IOT
35	EN22143492	BHOSALE VIRAJ VIKRANT	Open	44.647	IOT
36	EN22205232	CHAVAN PRATHAMESH MAHADEV	Open	44.647	CSE
37	EN22201174	PATIL HARSHAD JAYSING	Open	43.317	CSE
38	EN22241053	SURVE PRATIK ARUN	Open	43.305	MECH
39	EN22137384	PATIL SANIYA VIJAY	Open	42.803	CSE
40	EN22191770	ADMUTHE SHREYAS SANJAY	Open	42.302	CSE
41	EN22226292	PATIL PRANAV NANDKUMAR	Open	39.871	CSE
42	EN22195848	HIRAVE SHREYA SUNIL	NT 2 (NT-C)	38.174	AIDS
43	EN22230250	JADHAV SANIKA RAJENDRA	Open	35.978	AIDS
44	EN22249947	GAIKWAD SNEHA VIJAY	Open	35.835	IOT
45	EN22204956	BANDAL SOURABH RAMCHANDRA	Open	32.262	MECH
46	EN22192012	SARGAR KAUSTUBH VIJAYKUMAR	NT 2 (NT-C)	29.333	CSE
47	EN22165375	SAKPAL HARSH NITIN	Open	29.333	CSE
48	EN22143199	MENSE SARVADNYA ASHOK	Open	28.467	CSE
49	EN22181367	SACHIN BALASAHEB CHAVAN	Open	21.507	MECH
50	EN22244915	PATIL VISHWARAJ VISHWAS	Open	19.257	MECH
51	EN22115959	PAYASWINI DHANAJI PATIL	Open	17.509	IOT

52	EN22238520	SARNOBAT YOGINI BHARAT	Open	17.509	CSE
53	EN22138692	GAIKWAD CHINMAY SACHIN	OBC	12.1	MECH
54	EN22211915	KOKANE MOHAMMAD HARIS JUBER	Open	8.7878	CSE
55	EN22194689	JADHAV ADITYA LALASO	Open	5.9144	IOT
56	EN22252324	BELGIKAR ADARSH GOVIND	Open	2.1378	IOT

- Purified water
- RO System
- Generator Facility available

10.15 Information of Infrastrucutre and Other Resources Available

Number & Size of Class Rooms, Tutorilas, Labrotories, Drawing Hall, Computercenters &Others :

Date: 27/01/2024

CERTIFICATE

To whomsoever it may concern

This is to certify that the institute Sant Dnyaneshwar Shikshan Sanstha's, Annasaheb Dange College of Engineering and Technology, Ashta, Tal – Walwa, Dist – Sangli on C.S. no. 1312/1/2 and 1312/3/2 has constructed and provided built up area as per following details. The buildings are complete in all respect including flooring, painting, and electrification and are equipped with the required furniture.

Building Name	Building Number	Instruc tional Area (INA)	Administ rative Area (ADA)	Amenities Area (AMA)	Total (INA+ ADA+ AMA)	Circulation Area (CIA) (Sqm)	Total Carpet Area (Sqm)	Total Built-Up Area (Sqm)
A	1	5583	2231	1025	8839	2252	10906	11880
B	2	1646	78	30	1754	116	1934	2221.66
C	3	3797	658	300	4755	1260	6054	6502.54
D	4	5174	2358	624	8156	2402	10389	11275.67
E	5	1085	5	0	1090	20	1110	1179.68
F	6	0	0	1405	1405	470	1875	2071.95
G	7	0	0	1808	1808	635	2443	2656.99
H	8	0	0	1808	1808	635	2443	2656.99
I	9	0	0	215	215	40	255	277
J	10	0	0	1189	1189	416	1605	1999.37
K	11	0	0	866	866	220	1086	1193.44
L	12	0	0	172	172	55	227	290
Gross Total (Sqm)		17285	5330	9442	32057	8521	40578	44205.29

The details regarding carpet area of each room are also provided with this certificate.

Instructional Area:

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
Building - A						
1	ALG2	Laboratory	100	Complete	Complete	Complete
2	ALG3	Laboratory	158	Complete	Complete	Complete
3	ALG4	Laboratory	72	Complete	Complete	Complete
4	ALG5	Departmental library	35	Complete	Complete	Complete
5	ALG6	Laboratory	80	Complete	Complete	Complete
6	ALG8	Laboratory-Content Creation	52	Complete	Complete	Complete
7	ALG9	Class Room	79	Complete	Complete	Complete
8	ALG10	Class Room	81	Complete	Complete	Complete
9	ALG11	Laboratory	66	Complete	Complete	Complete
10	ALG12	Laboratory	66	Complete	Complete	Complete
11	ALG13	Laboratory	67	Complete	Complete	Complete
12	ALG14	Laboratory	67	Complete	Complete	Complete
13	ALG15	Laboratory	67	Complete	Complete	Complete
14	ALG17	Tutorial Room	56	Complete	Complete	Complete
15	AG1	Laboratory	87	Complete	Complete	Complete
16	AG2	Laboratory	75	Complete	Complete	Complete
17	AG3	Laboratory	66	Complete	Complete	Complete
18	AG4	Departmental library	27	Complete	Complete	Complete
19	AG5	Laboratory	97	Complete	Complete	Complete
20	AG6	Laboratory	87	Complete	Complete	Complete
21	AG7	Laboratory	90	Complete	Complete	Complete
22	AG8	Laboratory	90	Complete	Complete	Complete
23	AG9	Tutorial Room	37	Complete	Complete	Complete
24	AG10	Laboratory	69	Complete	Complete	Complete
25	AG13	Class Room	78	Complete	Complete	Complete
26	AG14	Class Room	79	Complete	Complete	Complete
27	AG15	Class Room	80	Complete	Complete	Complete
28	AG35	Laboratory	66	Complete	Complete	Complete
29	AG37	Laboratory	66	Complete	Complete	Complete
30	AF1	Laboratory	66	Complete	Complete	Complete
31	AF2	Laboratory	70	Complete	Complete	Complete
32	AF3	Laboratory	67	Complete	Complete	Complete
33	AF4	Tutorial Room	56	Complete	Complete	Complete
34	AF5	Laboratory	89	Complete	Complete	Complete
35	AF6	Laboratory	81	Complete	Complete	Complete
36	AF7	Laboratory	79	Complete	Complete	Complete
37	AF8	Laboratory	83	Complete	Complete	Complete
38	AF9	Laboratory	49	Complete	Complete	Complete
39	AF13	Departmental library	52	Complete	Complete	Complete
40	AF14	Class Room	77	Complete	Complete	Complete
41	AF15	Class Room	79	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
42	AF16	Class Room	80	Complete	Complete	Complete
43	AF17	Laboratory	66	Complete	Complete	Complete
44	AF19	Tutorial Room	50	Complete	Complete	Complete
45	AF20	Laboratory	66	Complete	Complete	Complete
46	AF21	Class Room	68	Complete	Complete	Complete
47	AF22	Class Room	80	Complete	Complete	Complete
48	AF26	Laboratory	66	Complete	Complete	Complete
49	AF27	Laboratory	95	Complete	Complete	Complete
50	AF28	Laboratory	95	Complete	Complete	Complete
51	AF29	Laboratory	100	Complete	Complete	Complete
52	AF30	Seminar Hall	132	Complete	Complete	Complete
53	AF31	Laboratory	86	Complete	Complete	Complete
54	AF32	Class Room	84	Complete	Complete	Complete
55	AF33	Laboratory	77	Complete	Complete	Complete
56	AS3	Tutorial Room	56	Complete	Complete	Complete
57	AS4	Laboratory	66	Complete	Complete	Complete
58	AS5	Laboratory	75	Complete	Complete	Complete
59	AS7	Laboratory	69	Complete	Complete	Complete
60	AS9	Laboratory	90	Complete	Complete	Complete
61	AS10	Seminar Hall	150	Complete	Complete	Complete
62	AS15	Class Room	83	Complete	Complete	Complete
63	AS16	Class Room	81	Complete	Complete	Complete
64	AS17	Departmental library	26	Complete	Complete	Complete
65	AS23	Laboratory	66	Complete	Complete	Complete
66	AS24	Laboratory	66	Complete	Complete	Complete
67	AS26	Laboratory	66	Complete	Complete	Complete
68	AS27	Class Room	66	Complete	Complete	Complete
69	AS28	Tutorial Room	33	Complete	Complete	Complete
70	AS29	Tutorial Room	33	Complete	Complete	Complete
71	AS30	Class Room	86	Complete	Complete	Complete
Building - B						
72	BS1	Computer Centre	151	Complete	Complete	Complete
73	BS2	Language lab	35	Complete	Complete	Complete
74	BS3	Language lab	50	Complete	Complete	Complete
	BS4	Computer Centre	158	Complete	Complete	Complete
	BS5	Laboratory	67	Complete	Complete	Complete
Building - C						
75	CLG1	Laboratory	107	Complete	Complete	Complete
76	CLG2	Laboratory	82	Complete	Complete	Complete
77	CLG3	Laboratory	67	Complete	Complete	Complete
78	CLG4	Laboratory	133	Complete	Complete	Complete
79	CLG5	Laboratory	67	Complete	Complete	Complete
80	CLG6	Laboratory	67	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
81	CLG7	Laboratory	117	Complete	Complete	Complete
82	CLG10	Tutorial Room	50	Complete	Complete	Complete
83	CLG11	Laboratory	107	Complete	Complete	Complete
84	CG4	Laboratory	67	Complete	Complete	Complete
85	CG5	Laboratory	66	Complete	Complete	Complete
86	CG6	Laboratory	66	Complete	Complete	Complete
87	CG7	Laboratory	66	Complete	Complete	Complete
88	CG8	Laboratory	66	Complete	Complete	Complete
89	CG9	Classroom	76	Complete	Complete	Complete
90	CG10	Classroom	76	Complete	Complete	Complete
91	CG11	Classroom	76	Complete	Complete	Complete
92	CG14	Departmental library	30	Complete	Complete	Complete
93	CG15	Seminar Room	132	Complete	Complete	Complete
94	CF3	Classroom	76	Complete	Complete	Complete
95	CF4	Classroom	76	Complete	Complete	Complete
96	CF5	Classroom	76	Complete	Complete	Complete
97	CF6	Tutorial Room	37	Complete	Complete	Complete
98	CF8	Laboratory	66	Complete	Complete	Complete
99	CF9	Classroom	76	Complete	Complete	Complete
100	CF10	Classroom	76	Complete	Complete	Complete
101	CF11	Classroom	76	Complete	Complete	Complete
102	CF14	Tutorial Room	50	Complete	Complete	Complete
103	CS1	Classroom	76	Complete	Complete	Complete
104	CS2	Classroom	76	Complete	Complete	Complete
105	CS3	Classroom	76	Complete	Complete	Complete
106	CS4	Classroom	76	Complete	Complete	Complete
107	CS5	Classroom	76	Complete	Complete	Complete
108	CS6	Drawing Hall	254	Complete	Complete	Complete
109	CS7	Classroom	76	Complete	Complete	Complete
110	CS8	Classroom	76	Complete	Complete	Complete
111	CS11	Classroom	76	Complete	Complete	Complete
112	CT2	Laboratory	76	Complete	Complete	Complete
113	CT3	Laboratory	75	Complete	Complete	Complete
114	CT4	Laboratory	75	Complete	Complete	Complete
115	CT5	Laboratory	125	Complete	Complete	Complete
116	CT6	Tutorial Room	51	Complete	Complete	Complete
117	CT7	Tutorial Room	51	Complete	Complete	Complete
118	CT8	Tutorial Room	51	Complete	Complete	Complete
119	CT9	Classroom	76	Complete	Complete	Complete
120	CT10	Classroom	76	Complete	Complete	Complete
Building - D						
121	DLG1	Laboratory	68	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
122	DLG2	Laboratory	68	Complete	Complete	Complete
123	DLG5	Laboratory	217	Complete	Complete	Complete
124	DLG6	Laboratory	217	Complete	Complete	Complete
125	DLG7	Laboratory	78	Complete	Complete	Complete
126	DLG8	Laboratory	78	Complete	Complete	Complete
127	DLG9	Laboratory	136	Complete	Complete	Complete
128	DG3	Departmental Library	39	Complete	Complete	Complete
129	DG4	Tutorial Room	39	Complete	Complete	Complete
130	DG5	Laboratory	68	Complete	Complete	Complete
131	DG6	Laboratory	68	Complete	Complete	Complete
132	DG7	Laboratory	68	Complete	Complete	Complete
133	DG10	Laboratory	68	Complete	Complete	Complete
134	DG11	Laboratory	68	Complete	Complete	Complete
135	DG12	Laboratory	68	Complete	Complete	Complete
136	DG13	Laboratory	68	Complete	Complete	Complete
137	DG14	Laboratory	68	Complete	Complete	Complete
138	DG21	Tutorial Room	39	Complete	Complete	Complete
139	DG22	Classroom	78	Complete	Complete	Complete
140	DG23	Classroom	78	Complete	Complete	Complete
141	DG24	Classroom	78	Complete	Complete	Complete
142	DG27	Laboratory	68	Complete	Complete	Complete
143	DG28	Classroom	78	Complete	Complete	Complete
144	DG29	Classroom	78	Complete	Complete	Complete
145	DG30	Laboratory	68	Complete	Complete	Complete
146	DG31	Laboratory	68	Complete	Complete	Complete
147	DF1	Tutorial Room	39	Complete	Complete	Complete
148	DF2	Departmental library	39	Complete	Complete	Complete
149	DF3	Laboratory	68	Complete	Complete	Complete
150	DF4	Laboratory	68	Complete	Complete	Complete
151	DF5	Seminal Hall	160	Complete	Complete	Complete
152	DF8	Laboratory	78	Complete	Complete	Complete
153	DF9	Laboratory	68	Complete	Complete	Complete
154	DF10	Laboratory	68	Complete	Complete	Complete
155	DF11	Laboratory	68	Complete	Complete	Complete
156	DF14	Class Room	78	Complete	Complete	Complete
157	DF15	Class Room	78	Complete	Complete	Complete
158	DF16	Class Room	78	Complete	Complete	Complete
159	DF17	Class Room	78	Complete	Complete	Complete
160	DF18	Class Room	78	Complete	Complete	Complete
161	DF21	Laboratory	68	Complete	Complete	Complete
162	DF22	Laboratory	68	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
163	DF23	Laboratory	68	Complete	Complete	Complete
164	DF24	Laboratory	68	Complete	Complete	Complete
165	DS1	Departmental library	39	Complete	Complete	Complete
166	DS2	Tutorial Room	39	Complete	Complete	Complete
167	DS3	Class Room	78	Complete	Complete	Complete
168	DS4	Laboratory	68	Complete	Complete	Complete
169	DS5	Laboratory	68	Complete	Complete	Complete
170	DS9	Laboratory	68	Complete	Complete	Complete
171	DS10	Laboratory	68	Complete	Complete	Complete
172	DS11	Laboratory	68	Complete	Complete	Complete
173	DS12	Laboratory	68	Complete	Complete	Complete
174	DS15	Laboratory	68	Complete	Complete	Complete
175	DS16	Laboratory	78	Complete	Complete	Complete
176	DS17	Laboratory	78	Complete	Complete	Complete
177	DS18	Class Room	78	Complete	Complete	Complete
178	DS19	Class Room	78	Complete	Complete	Complete
179	DS22	Class Room	78	Complete	Complete	Complete
180	DS23	Tutorial Room	39	Complete	Complete	Complete
181	DS24	Departmental library	39	Complete	Complete	Complete
182	DS26	Laboratory	68	Complete	Complete	Complete
183	DS29	Seminar Hall	153	Complete	Complete	Complete
184	DT1	Laboratory	68	Complete	Complete	Complete
185	DT2	Laboratory	68	Complete	Complete	Complete
186	DT3	Laboratory	68	Complete	Complete	Complete
187	DT4	Laboratory	68	Complete	Complete	Complete
188	DT5	Laboratory	68	Complete	Complete	Complete
189	DT9	Class Room	78	Complete	Complete	Complete
Building - E						
190	WS1	Workshop	415	Complete	Complete	Complete
191	WS2	Additional workshop	600	Complete	Complete	Complete
192	WS3	Laboratory	70	Complete	Complete	Complete
Instructional Area - Common Facilities						
193	AG36	Central Computer Facility	338	Complete	Complete	Complete
194	CT13	Language laboratory	132	Complete	Complete	Complete
195	BLG/B G/BF	Library	1185	Complete	Complete	Complete
Total Instructional Area			17285 Sqm			
Administrative Area						
Building - A						

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
1	ALG1	Departmental Store	50	Complete	Complete	Complete
2	FEE1	Faculty Cabin	8	Complete	Complete	Complete
3	FEE2	Faculty Cabin	9	Complete	Complete	Complete
4	FEE3	Faculty Cabin	8	Complete	Complete	Complete
5	FEE4	Faculty Cabin	7	Complete	Complete	Complete
6	FEE5	Faculty Cabin	8	Complete	Complete	Complete
7	FEE6	Faculty Cabin	7	Complete	Complete	Complete
8	FEE7	Faculty Cabin	8	Complete	Complete	Complete
9	FEE8	Faculty Cabin	8	Complete	Complete	Complete
10	FME21	Faculty Cabin	8	Complete	Complete	Complete
11	FME22	Faculty Cabin	8	Complete	Complete	Complete
12	FME23	Faculty Cabin	8	Complete	Complete	Complete
13	FME24	Faculty Cabin	8	Complete	Complete	Complete
14	ALG16	Departmental Store	29	Complete	Complete	Complete
15	FME1	Faculty Cabin	10	Complete	Complete	Complete
16	FME2	Faculty Cabin	9	Complete	Complete	Complete
17	FME3	Faculty Cabin	8	Complete	Complete	Complete
18	FME4	Faculty Cabin	10	Complete	Complete	Complete
19	FME5	Faculty Cabin	8	Complete	Complete	Complete
20	FME6	Faculty Cabin	8	Complete	Complete	Complete
21	FME7	Faculty Cabin	10	Complete	Complete	Complete
22	FME8	Faculty Cabin	9	Complete	Complete	Complete
23	FME9	Faculty Cabin	9	Complete	Complete	Complete
24	FME10	Faculty Cabin	9	Complete	Complete	Complete
25	FME11	Faculty Cabin	9	Complete	Complete	Complete
26	FME12	Faculty Cabin	9	Complete	Complete	Complete
27	FME13	Faculty Cabin	10	Complete	Complete	Complete
28	FME14	Faculty Cabin	8	Complete	Complete	Complete
29	FME15	Faculty Cabin	8	Complete	Complete	Complete
30	FME16	Faculty Cabin	8	Complete	Complete	Complete
31	FME17	Faculty Cabin	8	Complete	Complete	Complete
32	FME18	Faculty Cabin	10	Complete	Complete	Complete
33	FME19	Faculty Cabin	10	Complete	Complete	Complete
34	FME20	Faculty Cabin	10	Complete	Complete	Complete
35	AG17	HOD Cabin	13	Complete	Complete	Complete
36	AG18	Departmental office	40	Complete	Complete	Complete
37	AG20	Dean Academic's Cabin	36	Complete	Complete	Complete
38	AG22	Admission cell	38	Complete	Complete	Complete
39	AG24	Director's Office	41	Complete	Complete	Complete
40	AG25	Board Room	61	Complete	Complete	Complete
41	AG26	Pantry	24	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
42	AG29	Central Stores	30	Complete	Complete	Complete
43	AG30	House Keeping	11	Complete	Complete	Complete
44	AG31	Maintenance	11	Complete	Complete	Complete
45	AG33	Physical Director's Cabin	13	Complete	Complete	Complete
46	AG34	Security	15	Complete	Complete	Complete
47	AG38	Reception	26	Complete	Complete	Complete
48	AG39	Office all Inclusive	476	Complete	Complete	Complete
49	AF10	HOD Cabin	30	Complete	Complete	Complete
50	AF11	Departmental office	49	Complete	Complete	Complete
51	FIOT1	Faculty Cabin	7	Complete	Complete	Complete
52	FIOT2	Faculty Cabin	6	Complete	Complete	Complete
53	FIOT3	Faculty Cabin	9	Complete	Complete	Complete
54	FIOT4	Faculty Cabin	6	Complete	Complete	Complete
55	FIOT5	Faculty Cabin	9	Complete	Complete	Complete
56	FIOT6	Faculty Cabin	6	Complete	Complete	Complete
57	FIOT7	Faculty Cabin	6	Complete	Complete	Complete
58	FIOT8	Faculty Cabin	6	Complete	Complete	Complete
59	FIOT9	Faculty Cabin	9	Complete	Complete	Complete
60	FIOT10	Faculty Cabin	9	Complete	Complete	Complete
61	FIOT11	Faculty Cabin	9	Complete	Complete	Complete
62	FIOT12	Faculty Cabin	6	Complete	Complete	Complete
63	FIOT13	Faculty Cabin	7	Complete	Complete	Complete
64	FIOT14	Faculty Cabin	10	Complete	Complete	Complete
65	FIOT15	Faculty Cabin	9	Complete	Complete	Complete
66	FIOT16	Faculty Cabin	9	Complete	Complete	Complete
67	FIOT17	Faculty Cabin	9	Complete	Complete	Complete
68	FIOT18	Faculty Cabin	7	Complete	Complete	Complete
69	FIOT19	Faculty Cabin	9	Complete	Complete	Complete
70	FEE9	Faculty Cabin	10	Complete	Complete	Complete
71	FEE10	Faculty Cabin	10	Complete	Complete	Complete
72	FEE11	Faculty Cabin	9	Complete	Complete	Complete
73	FEE12	Faculty Cabin	9	Complete	Complete	Complete
74	FEE13	Faculty Cabin	9	Complete	Complete	Complete
75	FEE14	Faculty Cabin	9	Complete	Complete	Complete
76	FEE15	Faculty Cabin	9	Complete	Complete	Complete
77	FEE16	Faculty Cabin	9	Complete	Complete	Complete
78	FEE17	Faculty Cabin	9	Complete	Complete	Complete
79	FEE18	Faculty Cabin	9	Complete	Complete	Complete
80	FEE19	Faculty Cabin	6	Complete	Complete	Complete
81	FEE20	Faculty Cabin	6	Complete	Complete	Complete
82	FEE21	Faculty Cabin	6	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
83	FEE22	Faculty Cabin	6	Complete	Complete	Complete
84	FEE23	Faculty Cabin	6	Complete	Complete	Complete
85	FEE24	Faculty Cabin	6	Complete	Complete	Complete
86	FEE25	Faculty Cabin	9	Complete	Complete	Complete
87	AS2	Office	37	Complete	Complete	Complete
88	FIOT20	Faculty Cabin	8	Complete	Complete	Complete
89	FOIT21	Faculty Cabin	8	Complete	Complete	Complete
90	FOIT22	Faculty Cabin	10	Complete	Complete	Complete
91	FOIT23	Faculty Cabin	8	Complete	Complete	Complete
92	FIOT24	Faculty Cabin	8	Complete	Complete	Complete
93	AS11	Store	20	Complete	Complete	Complete
94	AS14	Central Office	124	Complete	Complete	Complete
95	FEE26	Faculty Cabin	13	Complete	Complete	Complete
96	FEE27	Faculty Cabin	9	Complete	Complete	Complete
97	F-1	Faculty Cabin	10	Complete	Complete	Complete
98	F-2	Faculty Cabin	10	Complete	Complete	Complete
99	F-3	Faculty Cabin	10	Complete	Complete	Complete
100	AS21	Departmental office	30	Complete	Complete	Complete
101	AS22	HOD Cabin	20	Complete	Complete	Complete
102	AS25	Training Centre	302	Complete	Complete	Complete
103	AS31	Board Room	50	Complete	Complete	Complete
Building - B						
103	BLG1	Reprographics Facility	10	Complete	Complete	Complete
104	BLG2	Acquicision Room	23	Complete	Complete	Complete
105	BLG4	Acquicision Room	20	Complete	Complete	Complete
106	BG1	Librarian Cabin	25	Complete	Complete	Complete
Building - C						
107	FCV1	Faculty Cabin	10	Complete	Complete	Complete
108	FCV2	Faculty Cabin	10	Complete	Complete	Complete
109	FCV3	Faculty Cabin	10	Complete	Complete	Complete
110	FCV4	Faculty Cabin	10	Complete	Complete	Complete
111	FCV5	Faculty Cabin	9	Complete	Complete	Complete
112	FCV6	Faculty Cabin	10	Complete	Complete	Complete
113	FCV7	Faculty Cabin	10	Complete	Complete	Complete
114	FCV8	Faculty Cabin	9	Complete	Complete	Complete
115	FCV9	Faculty Cabin	9	Complete	Complete	Complete
116	FCV10	Faculty Cabin	10	Complete	Complete	Complete
117	FCV11	Faculty Cabin	10	Complete	Complete	Complete
118	FEE25	Faculty Cabin	10	Complete	Complete	Complete
119	CG1	Departmental office	30	Complete	Complete	Complete
120	CG2	HOD Cabin	20	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
121	FCV12	Faculty Cabin	9	Complete	Complete	Complete
122	FCV13	Faculty Cabin	5	Complete	Complete	Complete
123	FCV14	Faculty Cabin	5	Complete	Complete	Complete
124	FCV15	Faculty Cabin	5	Complete	Complete	Complete
125	FCV16	Faculty Cabin	5	Complete	Complete	Complete
126	FCV17	Faculty Cabin	5	Complete	Complete	Complete
127	FCV18	Faculty Cabin	5	Complete	Complete	Complete
128	FCV19	Faculty Cabin	5	Complete	Complete	Complete
129	FCV20	Faculty Cabin	5	Complete	Complete	Complete
130	CF1	HOD Cabin	25	Complete	Complete	Complete
131	CF2	Departmental office	50	Complete	Complete	Complete
132	CF7	Faculty	37	Complete	Complete	Complete
133	CF15	Faculty	50	Complete	Complete	Complete
134	CF16	Departmental office	50	Complete	Complete	Complete
135	CF17	HOD Cabin	25	Complete	Complete	Complete
136	CS12	HOD Cabin	20	Complete	Complete	Complete
137	CS13	Departmental Office	30	Complete	Complete	Complete
138	FBS1	Faculty Cabin	10	Complete	Complete	Complete
139	FBS2	Faculty Cabin	10	Complete	Complete	Complete
140	FBS3	Faculty Cabin	10	Complete	Complete	Complete
141	FBS4	Faculty Cabin	10	Complete	Complete	Complete
142	FBS5	Faculty Cabin	9	Complete	Complete	Complete
143	FBS6	Faculty Cabin	9	Complete	Complete	Complete
144	FBS7	Faculty Cabin	9	Complete	Complete	Complete
145	FBS8	Faculty Cabin	9	Complete	Complete	Complete
146	FBS9	Faculty Cabin	9	Complete	Complete	Complete
147	FBS10	Faculty Cabin	9	Complete	Complete	Complete
148	FBS11	Faculty Cabin	9	Complete	Complete	Complete
149	FBS12	Faculty Cabin	9	Complete	Complete	Complete
150	FBS13	Faculty Cabin	9	Complete	Complete	Complete
151	FBS14	Faculty Cabin	9	Complete	Complete	Complete
152	FBS15	Faculty Cabin	9	Complete	Complete	Complete
153	FBS16	Faculty Cabin	16	Complete	Complete	Complete
Building - D						
154	FFT1	Faculty Cabin	10	Complete	Complete	Complete
155	FFT2	Faculty Cabin	6	Complete	Complete	Complete
156	FFT3	Faculty Cabin	6	Complete	Complete	Complete
157	FAE11	Faculty Cabin	6	Complete	Complete	Complete
158	FAE12	Faculty Cabin	6	Complete	Complete	Complete
159	FAE13	Faculty Cabin	6	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
160	FAE14	Faculty Cabin	6	Complete	Complete	Complete
161	FAE15	Faculty Cabin	6	Complete	Complete	Complete
162	FAE16	Faculty Cabin	6	Complete	Complete	Complete
163	FFT4	Faculty Cabin	12	Complete	Complete	Complete
164	FAE17	Faculty Cabin	10	Complete	Complete	Complete
165	FAU1	Faculty Cabin	12	Complete	Complete	Complete
166	DG1	HOD Cabin	39	Complete	Complete	Complete
167	DG2	Departmental office	39	Complete	Complete	Complete
168	FCSE1	Faculty Cabin	5	Complete	Complete	Complete
169	FCSE2	Faculty Cabin	5	Complete	Complete	Complete
170	FCSE3	Faculty Cabin	5	Complete	Complete	Complete
171	FCSE4	Faculty Cabin	5	Complete	Complete	Complete
172	FCSE5	Faculty Cabin	5	Complete	Complete	Complete
173	FCSE6	Faculty Cabin	5	Complete	Complete	Complete
174	FCSE7	Faculty Cabin	5	Complete	Complete	Complete
175	FCSE8	Faculty Cabin	5	Complete	Complete	Complete
176	FCSE9	Faculty Cabin	5	Complete	Complete	Complete
177	FCSE10	Faculty Cabin	5	Complete	Complete	Complete
178	FCSE11	Faculty Cabin	5	Complete	Complete	Complete
179	FCSE12	Faculty Cabin	5	Complete	Complete	Complete
180	FCSE13	Faculty Cabin	5	Complete	Complete	Complete
181	FCSE14	Faculty Cabin	5	Complete	Complete	Complete
182	FCSE15	Faculty Cabin	5	Complete	Complete	Complete
183	FCSE16	Faculty Cabin	5	Complete	Complete	Complete
184	FCSE17	Faculty Cabin	5	Complete	Complete	Complete
185	FCSE18	Faculty Cabin	5	Complete	Complete	Complete
186	FCSE19	Faculty Cabin	5	Complete	Complete	Complete
187	FCSE20	Faculty Cabin	5	Complete	Complete	Complete
188	FCSE21	Faculty Cabin	5	Complete	Complete	Complete
189	FCSE22	Faculty Cabin	5	Complete	Complete	Complete
190	DG16	Pantry	4	Complete	Complete	Complete
191	DG18	Alumni Cell	52	Complete	Complete	Complete
192	DG19	Training Placement Office	50	Complete	Complete	Complete
193	DG20	Carrier Guidance Cell	31	Complete	Complete	Complete
194	FAE1	Faculty Cabin	10	Complete	Complete	Complete
195	FAE2	Faculty Cabin	10	Complete	Complete	Complete
196	FAE3	Faculty Cabin	10	Complete	Complete	Complete
197	FAE4	Faculty Cabin	10	Complete	Complete	Complete
198	FAE5	Faculty Cabin	10	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
199	FAE6	Faculty Cabin	10	Complete	Complete	Complete
200	FAE7	Faculty Cabin	10	Complete	Complete	Complete
201	FAE8	Faculty Cabin	10	Complete	Complete	Complete
202	FAE9	Faculty Cabin	10	Complete	Complete	Complete
203	FAE10	Faculty Cabin	10	Complete	Complete	Complete
204	DF12	HOD Cabin	39	Complete	Complete	Complete
205	DF13	Departmental office	39	Complete	Complete	Complete
206	DF25	Start-UP	50	Complete	Complete	Complete
207	DS6	Dean Academics	78	Complete	Complete	Complete
208	DS13	Training Centre	78	Complete	Complete	Complete
209	DS14	Counselling Cell	78	Complete	Complete	Complete
210	DS27	HOD Cabin	39	Complete	Complete	Complete
211	DS28	Departmental office	39	Complete	Complete	Complete
212	FRD1	Faculty Cabin	10	Complete	Complete	Complete
213	FA11	Faculty Cabin	5	Complete	Complete	Complete
214	FA12	Faculty Cabin	5	Complete	Complete	Complete
215	FFT1	Faculty Cabin	5	Complete	Complete	Complete
216	FFT2	Faculty Cabin	5	Complete	Complete	Complete
217	FFT3	Faculty Cabin	5	Complete	Complete	Complete
218	FFT4	Faculty Cabin	5	Complete	Complete	Complete
219	FFT5	Faculty Cabin	5	Complete	Complete	Complete
220	FFT6	Faculty Cabin	5	Complete	Complete	Complete
221	FFT7	Faculty Cabin	5	Complete	Complete	Complete
222	FFT8	Faculty Cabin	5	Complete	Complete	Complete
223	FAI13	Faculty Cabin	5	Complete	Complete	Complete
224	FAI14	Faculty Cabin	5	Complete	Complete	Complete
225	FAI15	Faculty Cabin	5	Complete	Complete	Complete
226	FAI16	Faculty Cabin	5	Complete	Complete	Complete
227	FAI1	Faculty Cabin	5	Complete	Complete	Complete
228	FAI2	Faculty Cabin	5	Complete	Complete	Complete
229	FAI3	Faculty Cabin	5	Complete	Complete	Complete
230	FAI4	Faculty Cabin	5	Complete	Complete	Complete
231	FAI5	Faculty Cabin	5	Complete	Complete	Complete
232	FAI6	Faculty Cabin	5	Complete	Complete	Complete
233	FAI7	Faculty Cabin	5	Complete	Complete	Complete
234	FAI8	Faculty Cabin	5	Complete	Complete	Complete
235	FAI9	Faculty Cabin	5	Complete	Complete	Complete
236	FAI10	Faculty Cabin	5	Complete	Complete	Complete
237	FAI11	Faculty Cabin	5	Complete	Complete	Complete
238	FAI12	Faculty Cabin	5	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
237	DT8	Exam. Section	403	Complete	Complete	Complete
238	DT10	Departmental office	39	Complete	Complete	Complete
239	DT11	HOD Cabin	39	Complete	Complete	Complete
240	DT14	Exam. Section	780	Complete	Complete	Complete
Building - E						
241	WS4	Faculty Cabin	5	Complete	Complete	Complete
Total Administrative Area			5330 Sqm			
Amenities Area						
Building-A						
1	ALG7	Toilet Ladies	20	Complete	Complete	Complete
2	AG11	Toilet Gents	20	Complete	Complete	Complete
3	AG16	Toilet	3	Complete	Complete	Complete
4	AG19	Toilet	3	Complete	Complete	Complete
5	AG22	Toilet	5	Complete	Complete	Complete
6	AG23	Toilet	6	Complete	Complete	Complete
7	AG27	Toilet Gents	28	Complete	Complete	Complete
8	AG28	Toilet Ladies	25	Complete	Complete	Complete
9	AG32	Reprography Facility	22	Complete	Complete	Complete
10	AG40	Girl's Common Room	50	Complete	Complete	Complete
11	AG41	Toilet	5	Complete	Complete	Complete
12	AF12	Toilet Ladies	20	Complete	Complete	Complete
13	AF18	Common Room	58	Complete	Complete	Complete
14	AF25	Toilet Gents	25	Complete	Complete	Complete
15	AS1	Toilet Gents	18	Complete	Complete	Complete
16	AS6	Auditorium	538	Complete	Complete	Complete
17	AS8	Toilet Gents	20	Complete	Complete	Complete
18	AS12	Guest Room	46	Complete	Complete	Complete
19	AS13	Toilet Gents	6	Complete	Complete	Complete
20	AS17	First aid cum sick room	27	Complete	Complete	Complete
21	AS19	Toilet Ladies	42	Complete	Complete	Complete
22	AS20	Toilet Gents	35	Complete	Complete	Complete
Building-B						
24	BLG5	Toilet Ladies	10	Complete	Complete	Complete
25	BG2	Toilet	3	Complete	Complete	Complete
26	BG7	Toilet	17	Complete	Complete	Complete
Building - C						
27	CLG8	Toilet Gents	22	Complete	Complete	Complete
28	CLG9	Toilet Ladies	22	Complete	Complete	Complete

Sl. No.	Room No	Room Type	Carpet Area in m ²	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
29	CG3	Toilet	26	Complete	Complete	Complete
30	CG12	Toilet Gents	22	Complete	Complete	Complete
31	CG13	Toilet Ladies	22	Complete	Complete	Complete
32	CF12	Toilet Gents	22	Complete	Complete	Complete
33	CF13	Toilet Ladies	22	Complete	Complete	Complete
34	CS9	Toilet Gents	22	Complete	Complete	Complete
35	CS10	Girl's Common Room	76	Complete	Complete	Complete
36	CT11	Toilet Gents	22	Complete	Complete	Complete
37	CT12	Toilet Ladies	22	Complete	Complete	Complete
Building - D						
38	DLG4	Toilet Ladies	27	Complete	Complete	Complete
39	DLG5	Toilet Gents	27	Complete	Complete	Complete
40	DLG10	Stationary Store	56	Complete	Complete	Complete
41	DG8	Toilet Ladies	27	Complete	Complete	Complete
42	DG9	Toilet Gents	27	Complete	Complete	Complete
43	DG17	Toilet	4	Complete	Complete	Complete
44	DG25	Toilet Gents	27	Complete	Complete	Complete
45	DG26	Toilet Ladies	27	Complete	Complete	Complete
46	DF6	Toilet Ladies	27	Complete	Complete	Complete
47	DF7	Toilet Gents	27	Complete	Complete	Complete
48	DF19	Toilet Gents	27	Complete	Complete	Complete
49	DF20	Toilet Ladies	27	Complete	Complete	Complete
50	DS7	Toilet Ladies	27	Complete	Complete	Complete
51	DS8	Toilet Gents	27	Complete	Complete	Complete
52	DS20	Toilet Gents	27	Complete	Complete	Complete
53	DS21	Toilet Ladies	27	Complete	Complete	Complete
54	DS25	Boy's Common Room	78	Complete	Complete	Complete
55	DT7	Toilet Ladies	27	Complete	Complete	Complete
56	DT8	Toilet Gents	27	Complete	Complete	Complete
57	DT12	Toilet Gents	27	Complete	Complete	Complete
58	DT13	Toilet Ladies	27	Complete	Complete	Complete
59	F	Boys Hostel	1405	Complete	Complete	Complete
60	G	Boys Hostel	1808	Complete	Complete	Complete
61	H	Girls Hostel	1808	Complete	Complete	Complete
62	I	Cafeteria	215	Complete	Complete	Complete
63	J	Gymnasium	1189	Complete	Complete	Complete
64	K	Guest House	866	Complete	Complete	Complete
65	L	Principal's Quarter	172	Complete	Complete	Complete
Total Amenities Area			9442 Sqm			

Total (INA+ADA+AMA) Area	32057 Sqm
---------------------------------	------------------

Total Circulation Area	8521Sqm
Total Carpet Area	40578 Sqm
Total Built-up Area	44205.29 Sqm

10.15.9 Occupancy Certificate

संत गाडगेबाबा शहर स्वच्छता अभियानामध्ये महाराष्ट्र राज्यात द्वितीय क्रमांक विजेती नगरपालिका (सन २००३-०४)

- स्थापना ६ डिसेंबर १८५३

आष्टा नगरपरिषद, आष्टा.

ता. वाळवा, जि. सांगली. ☎: (०२३४२) २४२०२३ फॅक्स: (०२३४२) २४१२५९
E-mail :- coashtamc@gmail.com


जावक क्रमांक : ३४३४/२०१६-१७ दिनांक : ०९/११/२०१६


Occupancy Certificate

To,
Sant Dnyaneshwar Shikshan Sanstha
A/P Islampur,
Tal. Walwa, Dist. Sangli.
- Pin - 415 409

The part/ full development work / erection / re-erection or alteration in of building / part building no. -- Plot No S.No./CTS No.1312/1/2 and 1312/3/2 Mauje Ashta, situated at road / street Dange College (Polytechnic Building) (Extensin building-2) - completed under the supervision on License No CA/93/16472/2014-15 Ar. Prakash Jadhav & Associates, Sangli may be occupied. As per Sanction Plan No. P.W.D.W.S./15/1772/2013-14 Dated 18/06/2013. We have completed the construction of Basement, Ground Floor, First Floor and Second Floor.

- As set of certified completion plans is returned herewith.




Chief Officer
Ashta Municipal Council, Ashta.

संत गाडगेबाबा शहर स्वच्छता अभियानामध्ये महाराष्ट्र राज्यात द्वितीय क्रमांक विजेती नगरपालिका (सन २००३-०४)

स्थापना ६ डिसेंबर १८५३



आष्टा नगरपरिषद, आष्टा.

ता. वाळवा, जि. सांगली. ☎: (०२३४२) २४२०२३ फॅक्स: (०२३४२) २४१२५९

E-mail :- coashtame@gmail.com



जावक क्रमांक: ३८३२/२०१६-१७

दिनांक: २९/१२/१६

Occupancy Certificate


To, -

Sant Dnyaneshwar Shikshan Sanstha
A/P Islampur,
Tal. Walwa, Dist. Sangli.
Pin - 415 409

The part/ full development work / erection / re-erection or alteration in of building / part building no. - Plot No S.No./CTS No.1312/1/2 and 1312/3/2 Mauje Ashta, situated at road / street Dange College (Central Library) - completed under the supervision on License No CA/93/16472/2014-15 Ar. Prakash Jadhav & Associates, Sangli may be occupied. As per Sanction Plan No. P.W.D./W.S./16/1773/2013-14 Dated 18/06/2013. We have completed the construction of Basement, Ground Floor, First Floor and Second Floor,

As set of certified completion plans is returned herewith.




Chief Officer
Ashta Municipal Council, Ashta.

संत गाडगेबाबा शहर स्वच्छता अभियानामध्ये महाराष्ट्र राज्यात द्वितीय क्रमांक विजेती नगरपालिका (सन २००३-०४)

स्थापना ६ डिसेंबर १८५३



आष्टा नगरपरिषद, आष्टा.



ता. वाळवा, जि. सांगली. ☎: (०२३४२) २४२०२३ फॅक्स: (०२३४२) २४१२५९

E-mail :- coashtame@gmail.com

जावक क्रमांक : - ३८३१/२०१६-१७

दिनांक : २३/१२/२०१६

Occupancy Certificate


To,

**Sant Dnyaneshwar Shikshan Sanstha
A/P Islampur,
- Tal. Walwa, Dist. Sangli.
Pin - 415 409**

The part/ full development work / erection / re-erection or alteration in of building / part building no. -- Plot No S.No./CTS No.1312/1/2 and 1312/3/2 Mauje Ashta, situated at road / street Dange College (Annasaheb Dange College of Engineering and technology, Ashta) – completed under the supervision on License No CA/93/16472/2014-15 Ar. Prakash Jadhav & Associates, Sangli may be occupied. As per Sanction Plan No. P.W.D./W.S./898/2004-05 Dated 23/07/2004. We have completed the construction of Basement, Ground Floor, First Floor and Second Floor,

As set of certified completion plans is returned herewith.




Chief Officer
Ashta Municipal Council, Ashta.

संत गाडगेबाबा शहर स्वच्छता अभियानामध्ये महाराष्ट्र राज्यात द्वितीय क्रमांक विजेती नगरपालिका (सन २००३-०४)

स्थापना ६ डिसेंबर १८५३



आष्टा नगरपरिषद, आष्टा.



ता. वाळवा, जि. सांगली. ☎: (०२३४२) २४२०२३ फॅक्स: (०२३४२) २४१२५९

E-mail :- coashtamc@gmail.com

जावक क्रमांक : ३६३३/२०१६.१७

दिनांक २९/१२/२०१६

Occupancy Certificate

To,

Sant Dnyaneshwar Shikshan Sanstha
A/P Islampur, -
Tal. Walwa, Dist. Sangli.
Pin - 415 409 -

The part/ full development work / erection / re-erection or alteration in of building / part building no. -- Plot No S.No./CTS No.1312/1/2 and 1312/3/2 Mauje Ashta, situated at road / street Dange College (Civil department & P.G. Building) (Extensin building-1) - completed under the supervision on License No CA/93/16472/2014-15 Ar. Prakash Jadhav & Associates, Sangli may be occupied. As per Sanction Plan No. P.W.D./W.S./17/1774/2013-14 Dated 18/06/2013. We have completed the construction of Basement, Ground Floor, First Floor and Second Floor,

As set of certified completion plans is returned herewith.




Chief Officer
Ashta Municipal Council, Ashta.

10.15.11 Fire and Safety Certificate

8793322333
9923312630



OM SAI FIRE PROTECTION

Maharashtra Govt. License Contractor

License No. MFS-LA/2019/RF-0208/MFS-LA/2019/RD-0197/MFS-LA/2019RP-0038

Ref. No.: OSFP/2021-22/27

Date: 22/02/2022

FORM B

(See Section 3(3) and Rule 4(2))

Certificate by Licensed Agency Regarding the Compliance

Of The Fire Prevention and Life Safety Measures.

SIX MONTHLY CERTIFICATES

Certificate that I/we have carried out inspection of the Fire prevention and life safety measures installed in the Following Building or premises, namely

Description and Location of Building or premises

**M/s. Annasaheb Dange College Of Engineering & Technology
Ashta , Tal- Walawa Dis- Sangli**

I/We Further certify that these installation in above mentioned buildings are maintained in good repair and efficient condition during the period 01 June 2021 To 31 December 2021 as required under the provision of the Maharashtra Fire Prevention and Life Safety Measures Act, 2006 (Mah. Ill of 2007) The details of installations carried out by/us are mentioned in the report appended herewith.

Place: Mumbai

Date: 22/02/2022

Address of the Licensed Agency
Om Sai Fire Protection, Mumbai

License No.: MFS-LA/2021/RF-374/RD-346/RP-73



Authorized Signature

8793322333
9923312630



OM SAI FIRE PROTECTION

Maharashtra Govt. License Contractor

License No. MFS-LA/2019/RF-0208/MFS-LA/2019/RD-0197/MFS-LA/2019RP-0038

Ref. No.: OSFP/2021-22/28

Date: 22/02/2022

Annexure "B"

I Have Carried Out The Testing Of The Fire Prevention and Life Safety Measures instrument placed at: -

M/s. Annasaheb Dange College Of Engineering & Technology Ashta , Tal- Walawa Dis- Sangli

I have carried out the testing of the fire fighting and Fire Hydrant system is working properly,
Details every wing is as under: -

Sr. No	Types of Appliances	Capacity	Nos.	Refilling	Servicing	Testing	Remarks
1)	ABC type fire Extinguisher	06 Kg	50	√	√	√	OK

Address of the Licensed Agency

Om Sai Fire Protection , Mumbai

License No.: MFS-LA/2021/RF-374/RD-346/RP-73



10.15.12 Hostel Facility

- Hot & Cold water

10.15 Library Facility 2021-22

• 1. Total Collection

Sr. No.	Description	Figure
1	Total No. of Books	54739
2	Total No. of Titles (Including E-books)	17261
3	E-Books	9726
4	Total No. of Print Journals	52
5	Total No. of Print Magazines	10
6	Total No. of E-Journals	1205
7	Total No. of CD's & DVD's	4016
8	NPTEL Video Lectures	10000+
9	Total No. of Periodical Back Volumes	1658
10	Dissertations	203
10	News Paper (Daily/Weekly) English + Marathi + Hindi	06
11	Total Area Acquired	1232 Sq. m.
12	Total Investment Rs	2,31,44,682/-

3. E- resources List

Total E-Journals – 1205

1. **IEEE e-Journals**
Access Link: <http://ieeexplore.ieee.org>
2. **ASME E-Journals**
Access Link: <https://asmedigitalcollection.asme.org/>
3. **ASCE E-Journals**
Access Link: <https://ascelibrary.org/>
4. **Inventi E-Journal**
5. **Access Link: www.inventi.in**
6. **DELNET**
Access Link: <http://www.delnet.nic.in>
7. **NPTEL:IIT Video lectures**
8. **E-Books**
Access Link: www.springerlink.com
9. **E-Books**
Access Link: www.sciencedirect.com
10. **National Digital Library of India (NDL)**
Access Link: <http://ndl.iitkgp.ac.in>
11. **Library Static Page**
AccessLink: <http://adcet.in/lib/>

Best Practices

1. Total Open Access to all Readers.
2. 12 Hours Access for All Library Sections.
3. Display of “Library Charter.”
4. Book Bank Scheme for UG/PG Student.
5. Library Orientation and Know your Library Program to all i.e. Library Tour and Class Presentation by Librarian.
6. Providing open digital full text books to users regularly.
7. No Restriction of days to return the books. Student can return the Book Next day.
8. Any Reader can recommend books for procurement.
9. DELNET Document Delivery Service and inter Library Loan Service,
10. Extension Services.
11. Conducting workshop every year on New Trends in Library Science for librarians & Faculty.
12. Yearly publication of Library Bulletin.
13. Year wise Collection of faculty research papers in bound volume.
14. Casual Readership for other College Students.
15. Know Book Content Service

10.15 Laboratory and Workshop

List of Major Equipment

DEPARTMENT OF MECHANICAL ENGINEERING Experimental Setup

Sr. No.	Name of the laboratory	Equipment SetupName	ExperimentName	Dead Stock No.
1	Kinematics of Machines Laboratory	1. Inversions of Four Bar Chain Mechanism 2. Inversions of Single Slider Crank Chain Mechanism 3. Inversions of Double Slider Crank Chain Mechanism	To demonstrate the basic mechanism, its inversion and applications by using board models.	1. ADCET/Mech/TOM/IFBCM-1 2. ADCET/Mech/TOM/ISSCCM-1 3. ADCET/Mech/TOM/IDSCCM-1
		Double Hooke's Joint	Verification of ratio of angular velocities of shafts connected by Hooks joint using board model.	ADCET/Mech/TOM/DHJ-1
		Generation of Involute Gear Tooth Mechanism	Generation of involutes tooth profile by rack cutter method.	ADCET/Mech/TOM/GIGT M-1
		Governor Apparatus	Determination of the governor characteristics of Hartnell governor with variation in the speed and load.	ADCET/Mech/TOM/GA-1
2	Dynamics of Machines Laboratory	Determination of M.I. by compound pendulum method.	Determination of M.I. by compound pendulum method.	ADCET/Mech/TOM/2022-2023/CP-1
		Determination of M.I. by Bifilar suspension method.	Determination of M.I. by Bifilar suspension method.	ADCET/Mech/TOM/2022-2023/BS-1
		Trifilar Suspension	Determination of M.I. by Trifilar suspension method.	ADCET/Mech/TOM/TS- 1
		Experimental Set up of Motorised Gyroscope	Determination of gyroscopic couples on motorised gyroscopic instrument.	ADCET/Mech/TOM/MG- 2
		Static and Dynamic Balancing	Determination of angular settings of rotary masses and find out system balanced or out of balanced (Statically and Dynamically).	ADCET/Mech/TOM/SDB-2
		Vibration Lab - 01	Experiment on Longitudinal vibrations of helical springs.	ADCET/Mech/NV/VBL-01
		Vibration Lab - 01	Determination of logarithmic decrement of free damped system.	ADCET/Mech/NV/VBL-01
3	Refrigeration & Air Conditioning	Refrigeration Test Rig.	Determine the COP of refrigeration system.	ADCET/09- 10 / MECH/RAC/RTR-1

	Laboratory	Air Conditioning Test Rig	Determine the performance of air conditioning test rig.	ADCET/09-10 / MECH/RAC/ACTR-1
		ICE Plant Test Rig	Evaluate the performance of ice plant test rig	ADCET/09-10 / MECH/RAC/ IPTR-1
		Heat Pump Test Rig	Evaluate the performance of heat pump test rig.	ADCET/09-10 / MECH/RAC/ HPTR-1
		Vortex Tube Test Rig	Determine the efficiency and COP of vortex tube test rig	ADCET/09-10 / MECH/RAC/ VTR-1
		Cascade Refrigeration System	Evaluate the performance of cascade refrigeration system	ADCET/09-10 / MECH/RAC/ CRS-1
		Live Refrigeration System with Emerson Compressor	Demonstration of refrigeration and air conditioning equipments, safety devices and their working	ADCET/15-16 / MECH/RAC/ LRS-1
		Gas Charging and Tool Kit	Demonstration and hands-on practice of tools used in refrigeration & air conditioning system	ADCET/15-16 / MECH/RAC/ GCTC-1
		Water Cooler Test Rig	Demonstration of water cooler.	ADCET/23-24 / MECH/RAC/WCTR-1
4	Industrial Fluid Power Laboratory	JTKg-2 Electro Pneumatic Trainer kit with PLC (With S7200PLC)	1. Demonstration of pneumatic trainer kit and study of various elements 2. Circuit preparations on pneumatic trainer kit 3, Demonstration of hydraulic/Pneumatic circuit using PLC	ADCET/MECH/IFP/EPTK-1
		Hydraulic Sheet Bending Machine	2. Circuit preparations on hydraulic trainer kit	ADCET/MECH/IFP/SDHSB-01
		Electro Hydraulic Trainer kit with PLC	1.Demonstration of hydraulic power pack and elements of hydraulic kit 2. Circuit preparations on hydraulic trainer kit 3. Demonstration of hydraulic/Pneumatic circuit using PLC	ADCET/MECH/IFP/2018-19/EHTK-1
		Air Compressor	1.Demonstration of pneumatic trainer kit and study of various elements 2. Circuit preparations on pneumatic trainer kit	ADCET/MECH/IFP/AC-1
		Hydraulic Power Pack	1.Demonstration of pneumatic trainer kit and study of various elements	ADCET/MECH/IFP/HPP-1
		Pneumatic Circuit Trainer	1.Demonstration of pneumatic trainer kit and study of various elements 2. Circuit preparations on pneumatic trainer kit	ADCET/MECH/IFP/2022-23/PCT-1
		Oil Hydraulic Trainer	1.Demonstration of hydraulic power pack and elements of hydraulic kit	ADCET/MECH/IFP/2022-23/OHT-1-1
		JTKg-2 Electro Pneumatic Trainer kit with PLC (With S7200PLC)	1. Demonstration of pneumatic trainer kit and study of various elements 2. Circuit preparations on pneumatic trainer kit 3, Demonstration of	ADCET/MECH/IFP/EPTK-1

			hydraulic/Pneumatic circuit using PLC	
		Hydraulic Sheet Bending Machine	2. Circuit preparations on hydraulic trainer kit	ADCET/MECH/IFP/SDHS B-01
		Electro Hydraulic Trainer kit with PLC	1. Demonstration of hydraulic power pack and elements of hydraulic kit 2. Circuit preparations on hydraulic trainer kit 3. Demonstration of hydraulic/Pneumatic circuit using PLC	ADCET/MECH/IFP/2018-19/EHTK-1
5	Fluid Mechanics Laboratory	Heleshaw Apparatus	Flow visualization by Heleshaw's apparatus.	ADCET/MECH/FM/HA-1
		Reynolds's Apparatus	To identify the type of flow by using Reynolds's experiment.	ADCET/MECH/FM/RA-1A
		Bernoulli's Apparatus	Verification of Bernoulli's theorem.	ADCET/MECH/FM/BA-1A
		Venturi meter & Orifice meter Apparatus	Determination of coefficient of discharge for given Venturimeter.	ADCET/MECH/FM/FMVO M-1A
			Determination of coefficient of discharge for given Orifice meter.	
		Notch Apparatus	Determination of coefficient of discharge for given Triangular Notch.	ADCET/MECH/FM/NA-1A
		Pipe Friction Apparatus	Determination of coefficient of friction for different pipes.	ADCET/MECH/FM/PF-1A
		Losses in Pipe Fittings	Determination of Losses in Pipe Fittings	ADCET/MECH/FM/LPF-1
		Laminar Flow Apparatus	Determination of velocity profile through circular pipes for laminar flow.	ADCET/MECH/FM/LFA-1
		Orifice under steady & Unsteady flow Condition Apparatus	Orifice under steady flow condition to determine hydraulic coefficients.	ADCET/MECH/FM/OSUF C-1
		Equivalent pipe for pipe in parallel	Determination of Equivalent pipe for pipe in parallel	ADCET/MECH/FM/EPPP
6	Fluid and Turbo Machinery Laboratory	Centrifugal Pump Test Rig	Trial on centrifugal pump for plotting operating characteristics	ADCET/MECH/FM/CPTR-1
		Reciprocating Pump Test Rig	Trial on reciprocating pump for plotting operating characteristics.	ADCET/MECH/FM/RPTR-1
		Centrifugal Blower Test Rig	Trial on centrifugal blower to determine the performance	ADCET/MECH/FM/CBTR-1
		Pelton Turbine Test Rig	Trial on Pelton Wheel Turbine for plotting main characteristics	ADCET/MECH/FM/PWT-1
		Kaplan Turbine Test Rig	Trial on Francis turbine for plotting main characteristics	ADCET/MECH/FTM/006/2010
			Trial on Francis turbine for plotting operating characteristics	
		Francis Turbine Test Rig	Trial on Kaplan turbine for plotting main characteristics	ADCET/MECH/FTM/007/2010

			Trial on Kaplan turbine for plotting operating characteristics	
		Hydraulic Ram	Demonstration of hydraulic ram.	ADCET/MECH/FTM/HR/01
		Multistage Pump	Trial on Multistage Pump to evaluate performance	ADCET/MECH/FTM/MP-01
		Centrifugal Pump Two Phase Flow Test. Rig.	Performance analysis of centrifugal pump under air water two Phase Flow condition	ADCET/MECH/FTM/CPTP FTR-01
7	CAD/CAM Laboratory	Computers -DELL Optiplex-3010 (Qty-25)	<ol style="list-style-type: none"> 1) Introduction to CAM, CAPP, CAI, CAQC, CIM. 2) Introduction to NC, CNC and machining centers. 3) Part programming, G & M codes, co-ordinate sys. 4) Part program for facing and tool path generation. 5) Part program for turning and tool path generation. 6) Part program for step-turning, grooving and tool path generation. 7) Part program using canned cycles. 8) Part program for pocket milling and tool path generation. 9) Part program for island, contour milling and tool path generation. 10) Part program for drilling and tool path generation. 11) Case study to analyze the existing programs and the ways to improve it. 	ADCET/13-14/ ME/ CADCAM/01 - 25
8	FEA LAB Laboratory	Computer- Lenovo Think Center (Qty- 09)	<ol style="list-style-type: none"> 1) Introduction to Finite Element Software [ANSYS] 2) Finite Element Approach and Computer Program using C++ for Stepped bar. 3) Static structural analysis of Truss/Beam using ANSY. (APDL) 4) Steady state analysis of 1D or 2D Fin using ANSYS. 	ADCET/10-11/MECH/CL1/11-20
		Computer DELL Optiplex - 3010(Qty -10)		ADCET/2014-15/MECH/ CL-1/10
		Computer DELL Optiplex - 380 (Qty -10)		ADCET/06-07/231/MECH/CL-1/10
		Computer DELL Optiplex - 3010(Qty -05)		ADCET/13-14/MECH/CL1/26-30
9	Computational Fluid Dynamics Laboratory	Computer DELL Optiplex - 3010(Qty -24)	<ol style="list-style-type: none"> 1) Development of geometry with design modular. 2) Generation of Mesh with ANSYS Mesher. 3) Fluid Flow and Heat Transfer in a Mixing Tee. 4) Fluid flow and heat transfer analysis in mixing tee for 	ADCET/13-14/MECH/CL1/31-54

			discrete phase model. 5) Heat and fluid flow analysis in Multi-species flow 6) External fluid flow simulation over an airfoil. 7) Heat dissipation simulation from electronic cooling with natural convection and radiation	
10	Metallurgy Laboratory	Rockwell Cum Brinell Hardness Testing Machine	Conduct Hardness test of engineering materials by Brinell and Rockwell tester.	ADCET/MECH/META/RBH-1
		Impact Testing Machine		ADCET/MECH/META/ITM-1
		Single Disc Polishing Machine	For Polishing of Specimens	ADCET/MECH/META/SDP-1
		Tricolor Metallurgical Microscope	Examination of microstructure of different types of steel and Cast Iron	ADCET/MECH/META/TMM-1
		Jomney End Quench Set up	Hardenability testing by Jomney end quench test	ADCET/MECH/META/ JEQ-1
		Muffle Furnace Model –I		ADCET/MECH/META/MF-1
		Metallurgy Micro Specimens (Resin Mounted Samples 24 nos.)	Examination of microstructure	ADCET/MECH/META/MM-1
		Metallurgy Micro Specimens (Resin Mounted Polished Samples 24 nos.)	Examination of microstructure of different types of Aluminum and copper	ADCET/MECH/META/MM-2
		LM52208/Upright Metallurgical Microscope with camera and image analysis software	Examination of microstructure of different types of steel and Cast Iron	ADCET/MECH/META/LLM MUMM/1-3
		Metzermetavision specimen polishing m/c single disc model meta-POL-4310	For Polishing of Specimens	ADCET/MECH/META/LLM MUMM/1-
		Metallographic sample leveler	Examination of microstructure of different types of Aluminum and copper	ADCET/MECH/META/LLM MUMM/1-
		Metallurgical samples.	Examination of microstructure	ADCET/MECH/META/LLM MUMM/1-
11	I. C. Engine Laboratory	Brand New Slow Speed Diesel Engine With Rope Brake Dynamometer	Demonstrate constructional details of I.C. engines	ADCET/MECH/ICE/FSDE-1
			Conduct trial on slow speed diesel engine to calculate heat balance sheet	
		4Stroke 4Cylinder Petrol Engine Test Rig. With Hydraulic Dynamometer	Conduct trial on high-speed petrol engine to calculate performance parameter	ADCET/MECH/ICE/4S4CPE-1
			Conduct Morse test on four stroke petrol engine..	
		Cut Section Model Of Slow Speed Diesel Engine	Demonstration of ignition systems, Starting systems.	ADCET/MECH/ICE/4SSCDE-1
		Single Cylinder Petrol Engine Test (2Stroke Scooter Engine)	Demonstrate constructional details of I.C. engines	ADCET/MECH/ICE/SCPECS-1
		Single Cylinder Petrol Engine Cut Section Model	Demonstrate constructional details of I.C. engines	ADCET/MECH/ICE/SCPETR-1
		1)Computerized Engine Test Setup	Conduct trial on high-speed petrol engine to calculate	ADCET/MECH/ICE/CETS-1

			performance parameter	
		2) Engine Performance Analyzer Software With License	Conduct Morse test on four stroke petrol engine..	ADCET/MECH/ICE/EPA-1
12	Machine Drawing Laboratory	Computer DELL Optiplex - 3010(Qty -24)	1)Preparation of sheets on free hand sketching of machine components on A2 size sheet. 2)Preparation of sheets on interpenetration of solids on A2 size sheet. 3)Computer aided drafting of components and print out of the same on A4 size sheet (minimum eight). 4)Computer aided drafting of details and assembly containing 6-8 major components. Print out of the same on A4 size sheet. 5)Preparation of production drawing of a given component using Computer aided drafting. Print out of the same on A4 size sheet.	ADCET/13-14 / MECH/CL1/31-54
13	Python Programming Laboratory	Computer DELL Optiplex - 3010(Qty -24)	1)Introduction. 2)Write a program to convert temperature from Celsius to Fahrenheit 3)Write a program to swap the values of two variables without using a temporary variable. 4)Write a program to find index value of the substring in the given string. 5)Write a program to find the second-largest number in a list. 6)Write a program to find the factorial of a given number using a while loop. 7)Implement a for loop to print the Fibonacci series up to a specified limit 8)Create a function to calculate the area and perimeter of a rectangle 9)Write a program that imports a custom module and uses its functions to perform mathematical operations.	ADCET/13-14 / MECH /CL1/31-54
14	Metrology Quality Control & Measurement Laboratory	Sine Bar With Sine Centre	Measure various parameters using line and end measuring Instruments.	ADCET/MECH/MQC/SBSC-1
		Demonstration Gauge Kit		ADCET/MECH/MQC/DGK
		Dial Gauge0 to 1 mm	Hands-on demonstration of the dial indicator.	ADCET/MECH/MQC/DG-1
		Dial Gauge0 to 10 mm		ADCET/MECH/MQC/DG-2
		Lever Type Dial Gauge		ADCET/MECH/MQC/LTDG-1
Floating Carriage Machine	Measurement of major diameter, minor diameter & effective diameter of screw	ADCET/MECH/MQC/FCM-1		

			thread by using a floating carriage micrometer.	
		Profile Projector(PPT-150)	Measurement of gear tooth thickness, height, and angle by using an optical profile projector.	ADCET/MECH/MQC/OPP-1
		Sine Bar With Sine Centre	Measurement of angle by using a sine bar.	ADCET/MECH/MQC/SBSC-1
		Angle Slip Gauge		ADCET/MECH/MQC/ASG-1
		Slip Gauge Box(Grade I)		ADCET/MECH/MQC/SG-1
		Angular speed measurement using a stroboscope, photoelectric pickup, and magnetic pick-up	Angular speed measurement using a stroboscope, photoelectric pickup, and magnetic pick-up.	ADCET/MECH/MMC/ASMP M-1
		Measurement of temperature using thermocouple, RTD & Thermister	Measurement of temperature using, thermocouple RTD, thermistors, and pyrometers.	ADCET/MECH/ MMC/ MOTUTRT-1
15	Noise & Vibration Laboratory	Vibration Lab equipment -2	Determination Damping Effect on a system under force vibration with viscous	ADCET/MECH/NV/VBL-2
		Coupled Pendulum	Experiment on free vibration of coupled pendulum.	ADCET/MECH/NV/CP-01
		Vibration Lab equipment-1	Experiment on free vibration of double pendulum to determine natural frequency	ADCET/MECH/NV/VBL-1
		Torsional Vibration of two rotor system without damping	Experiment on torsional vibration of two rotor without damping.	ADCET/MECH/NV/TVTRW D-01
		Set up for three rotor system without damping	Experiment on torsional vibration of Three rotor without damping.	ADCET/MECH/NV/TVTRW-01
		VM-25 Vibration/RPM/Temperature Meter Instrument	Measurement of vibration parameters using vibration measuring instruments	ADCET/MECH/NV/VM25-01
		4- Channel FFT Analyzer	Measurement of vibration parameters by FFT analyzer.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Condition monitoring and fault diagnose in rotating system using vibration measuring technique	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Determine natural frequency by Impact hammer test using FFT analyzer.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Measurement of noise by using noise measuring instruments.	ADCET/MECH/NV/FFTA-01
16	Condition Monitoring Laboratory	4- Channel FFT Analyzer	Measurement of Overall Vibrations on Rotating Machine to Judge the condition of Machine	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Frequency Spectrum Analysis of rotating Machine For Fault diagnosis.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Single Plane Balancing of rotor using FFT analyzer.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Two Plane Balancing of rotor Using FFT analyzer.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Condition Monitoring of bearing and Analysis.	ADCET/MECH/NV/FFTA-01
		OPTALING TOUCH Standard Version	Alignment of shafts by using Dial Gauge, filler gauge.	ADCET/MECH/NV/OTSV-01

		OPTALING TOUCH Standard Version	Alignment of shafts by laser Technique.	ADCET/MECH/NV/OTSV-01
		4- Channel FFT Analyzer	Evaluation of natural frequency by impact hammer.	ADCET/MECH/NV/FFTA-01
		4- Channel FFT Analyzer	Octave band analysis of machinery noise.	ADCET/MECH/NV/FFTA-01
17	Workshop Practice - II	TIG Welding M/c	Preparation of Pattern for solid casting with allowances.	ADCET/Mech/WS/TWM-01
		MIG Welding M/c	Hands on practice on TIG/MIG welding process for different material.	ADCET/Mech/WS/MWM-01
		Sieve Shaker with set of Sieves Model :VGH	Grain Size analysis.	ADCET/MECH/MP/SS-1
		Universal Strength Machine. Model :VUM	Preparation and testing of standard Specimen for Green	ADCET/MECH/MP/USM-1
		Sand Rammer Model :VR	Compressive strength.	ADCET/MECH/MP/SRM-1
		Sand Rammer Model :VR	Preparation of green sand mould for mould Hardness testing.	ADCET/MECH/MP/SRM-1
		Mould Hardness Tester B Scale Model: VMH(B)		ADCET/MECH/TD/CPPA-1
		BMT Brand Grade I Horizontal Spindle Precession Surface Grinding Machine	Hands on practice on surface grinding machine.	ADCET/Mech/WS/SGM-01
		Shaping Machine – 300 mm, stroke – 350 mm	Hands on practice on shaper/planer (mechanisms and stroke).	ADCET/Mech/WS/SM-02
		Open Hearth Furnace	One job based on smithy/ forging.	ADCET/Mech/WS/OHF-01 To 03
18	Workshop Practice - III	Orbit Brand Grade I Heavy Duty 4 $\frac{1}{2}$ “ Lathe Machines	One job of plain turning, taper tuning, external threading and knurling operation with its process sheet.	ADCET/Mech/WS/LM-21 To 40

Department of Electrical Engineering

Sr.No.	Name of the Laboratory	Major Equipment	Total Cost in Rs.
1	Electrical Machines Laboratory	Control Panel For DC Shunt Motor / DC Generator	1,28,500/-
2	Power Electronics & Drives Laboratory	Digital storage oscilloscope	1,15,500/-
3	Power Engineering Laboratory	Electromechanical Over Current Relay Unit & Secondary Current Injection unit for Over Current Relay	1,00,000/-
		Microprocessor Based Over Current Relay & Secondary Current Injection unit for Over Current Relay	1,00,000/-
		Electromechanical Over Voltage Relay	1,00,000/-
		Universal Relay Kit	1,61,280/-
		Microprocessor Based Impedance Relay & Impedance Relay Kit	1,15,836/-

		Transmission Line Trainer Kit	3,79,525/-
4	Research Laboratory	Three Phase Power Analyzer	3,74,000/-
		MATLAB Software License Version	4,99,990/-
		SCADA Software	29,963/-
5	Computer Lab -1	Etap 7.0 (10 User) (License Expired)	343000/-
		LAB VIEW 05 (User) (License Expired)	180000/-
		Matlab 2007a (License Expired)	8,50,000/-
6	PLC & SCADA Laboratory	IFix SCADA	45,100/-

Sr. No.	Name of the laboratory	Equipment Setup Name	Experiment Name	Dead Stock no.
1	DC Machines Laboratory	DC Motor coupled DC Generator	OCC Characteristics of DC Generator	ADCET/EE/MC/0102/14-15
2		DC Shunt Motor	Speed control methods	ADCET/EE/MC/0101/14-15
3		DC Shunt motor with brake load	Brake load test	ADCET/EE/MC/0102/14-15
4		DC Shunt motor with brake load	Swinburns Test	ADCET/EE/MC/0103/14-15
5		DC Motor coupled DC Generator	DC Generator Indirect Load test	ADCET/EE/MC/0097/01-02/14-15
6		DC Motor coupled DC Generator	Hopkinsons Test	ADCET/EE/MC/0097/01-02/14-15
7		Single Phase Transformer	OC SC Test	ADCET/EE/MC/0107/16-17
8	AC Machines Laboratory	Single Phase Transformer	Load Test	ADCET/EE/MC/0107/16-17
9		Three Phase Transformer	Load Test	ADCET/EE/MC/0106/16-17
10		Speed control of Three Phase IM	Speed control of Three Phase IM	ADCET/EE/MC/0082/13-14
11		Speed control of Three Phase SRIM	Speed control of Three Phase SRIM	ADCET/EE/MC/0101/14-15
12		Load Test on Three Phase IM	Load Test on Three Phase IM	ADCET/EE/MC/0105/14-15
13		Indirect Load Test	Indirect Load Test	ADCET/EE/MC/0099/14-15
14		Single Phase IM Load Test	Single Phase IM Load Test	ADCET/EE/MC/0104/14-15
15		Three Phase Alternator coupled	EMF MMF Method	ADCET/EE/MC/0098/14-15

		DC Motor		
16		Three Phase Alternator coupled DC Motor	Regulation Methods of Alternator	ADCET/EE/MC/0098/14-15
17		Three Phase Synchronous Motor coupled DC Generator	V Curve Inverted V Curve	ADCET/EE/MC/0099/14-15

Mechanical Engineering Department

List of Major Equipment (Costing more than Rs. 50,000/-)

Sr. No.	Name of Equipment	Amount in Rs.
1	Tool Maker Microscope TM 50 MQC	72000
2	Thermal Conductivity Of Insulating Powder/ Emissivity Apparatus HMT	116000
3	Shell and tube type heat exchanger HMT	207900
4	Computerized Engine Set Up For Three Cylinder Four Stroke Petrol MPFI Engine Test Rig ICE	533992
5	Engine performance analysis software ICE	260998
6	Ice Plant Tutor RAC	85000
7	Air conditioning tutor RAC	85000
8	Refrigeration tutor RAC	85000
9	Cascade refrigeration RAC	220000
10	Heat pump RAC	85000
11	Vortex tube RAC	60000
12	Steam power plant (1KW) ATD	767813
13	Lathe Machine(13 QTY) WORKSHOP	740000
14	Drilling machine WORKSHOP	103075
15	Lathe Machine(07 QTY) WORKSHOP	346106
16	Lathe Machine(20 QTY) WORKSHOP	1575000
17	All geared Lathe Machine(02 QTY) WORKSHOP	606488
18	Universal milling machine WORKSHOP	196875
19	Surface grinding machine WORKSHOP	196875
20	Furnace tool vices WORKSHOP	538483
21	Electro pneumatic trainer kit with PLC IFP	226530
22	Kaplan turbine test rig FTM	138720
23	Francis turbine rest rig FTM	120884
24	Educational License of solid cast Flowcast&Opticast COM L II	270400
25	Electro Hydraulic Trainer kit with PLC IFP	222743
26	Hydraulic Trainer with Servo System IFP	65000
27	LM52208/Upright Metallurgical Microscope with camera and image analysis software	513000
28	Allen BradelyMicrologix 1400 PLC MECH	129500

30	Vibration Lab II TOM	58800
32	Computers DELL optiplex 3010 (qty 25) CAD CAM	589875
34	CNC lath trainer CAD CAM	619647
36	Emerson UPS CAD CAM	63000
37	ANSYS 14.0 (25 User) CAD CAM	410760
39	CATIA V5 UDL PLM Discover pack(30 User) CAD CAM	625000
40	TIG Welding Machine WORKSHOP	110000
41	MIG Welding Machine WORKSHOP	106000
42	Shaping Machine jeet Brand Grade WORKSHOP	105000
43	Radial Drilling Machine Capacity 40 mm WORKSHOP	150000
44	4- Channel FFT Analyzer data collector and Balancer with Software NV	1755000
45	Shaft align OS3 Shaft Package NV	384668
46	Variable Frequency drive system with controller NV	140042
47	BSWA308 Class-1.1/1 octave Sound Level Meter NV	134720
48	VM-25 Vibration/RPM/Temperature Meter Instrument NV	209956
49	Vibration Lab 2 NV	75000
50	Set up for measurement of vibration parameter NV	62370
	Total Investment in Rs.	14168220

Computer Science & Engineering

Sr. No.	Name of the Lab	Major Equipments
01	Computer Vision and Graphics Laboratory	Dell Power edge T410 Tower Server Intel Quad core E5504 Xeon@2.0Ghz,4.86 GT/s QPI-1 CPU 4 GB (2X2GB)DDR2 RAM ,2X146 GB RPM SAS Hard Drive Hot Swappable Emerson Make True Online UPS 6 KVA
02	Database Lab	Emerson Make True Online UPS 6 KVA
03	Project Laboratory	Emerson Make True Online UPS 6 KVA Dell Precision T7810 (Xeon/1.9/32GB/1.8X2/DRW/2GB Graphics /Win10 pro/3 Yrs)
04	Programming Laboratory	Emerson Network Power UPS 6 KVA MTLIB and 12V 7Ampere

		X 20 Batteries
05	Operating System Laboratory	Eatson UPS Model EDX6000H-LCD
06	HP Vertica / Open source Technology Lab	LIBERT UPS GXT MT+ 6KVA(1x1) with 12v Batteries
07	Research Laboratory	LIBERT UPS GXT MT+ 6KVA(1x1) with 12v Batteries
08	General Dead stock	Projector Epson EB470i

Electrical Engineering

Name of Laboratory	Major Equipments
Computer -1	Lenovo computer
	Epson Projector With Set
	UPS (Lab1)
Computer -2	Dell computer 3020
	UPS (Lab2)
Computer -3	Dell computer 3020
	UPS (Lab3)
Research and Project	Project lab – Lenovo computers
	Ups(Project Lab)
	PowerControl Analyzer(Fluke)
Measurement and Instrumentation	PLC trainer Kit
Electrical Machines	Control Panel For Dc Shunt Motor / Dc Generator * 2 Panel
	Control Panel For Dc Shunt Motor / 3ph Alternator
	Control Panel For 3ph Syn Motor/Dc Shunt Generator
	Control Panel For 3ph Induction Motor/Dc Shunt Generator
	Control Panel For 3ph Slip Ring Ind Motor/Dc Shunt Generator
	Control Panel For Dc Shunt Motor With Mechanical Arrange.
	Control Panel For Dc Comp Motor/Dc Comp. Generator
High Voltage Engineering	62.5mm Sphere Gap With Micrometer Scale & Water Resistor
	50Kv AC / 70KV DC Test Set With Control Panel
	Electrolytic Tank With Electrodes & Control Panel
	150kv,225 Joules, 5 Stages Impulse Generator With Oscilloscope
Power System	Electromechanically over current relay
	Microprocessor based O/C relay
	Electromechanical over voltage relay with universal relay
	Microprocessor based directional over current relay
	Microprocessor based Impedance relay
	Transmission line trainer kit

Civil Engineering

S.N.	Major Equipment
1.	Total Station (Pentax)
2.	Total Station (Sokkia)
3.	Automatic Level(Pentax)
4.	Dell OptiPlex 3020MT 18.5" Dell Wide LED Monitor
5.	Dell OptiPlex 390
6.	Projector EPSON EB470i
7.	Projector EPSON EB x02
8.	Direct Shear Test
9.	CBR Test apparatus
10.	Unconfined Compressive Test
11.	Three Gauge Consolidation test apparatus
12.	Triaxial load Frame
13.	Computerized Universal Testing Machine TUE-C-1000
14.	Tilting Flume 10 m long
15.	HA 42.150 los Angeles Abrasion Testing Machine
16.	HA 42.150 Concrete Mixture
17.	HC 37.50 Flow Table (Hand Operated)
18.	Digital Compression Testing Machine 3000kN Capacity
19.	Ribon Mixture

Aeronautical Engineering Department

List of Available Laboratories

Sl.No	Name of the Laboratory	Faculty In-Charge
1	Aircraft Component Drawing Laboratory	Ms. Pooja B Patil
2	Fluid Mechanics Laboratory	Mr. Reju R
3	Mechanics of Solids Laboratory	Dr. Kamlesh V Kulkarni
4	Thermodynamics Laboratory	Mr. Yogesh Kumbhar
5	Aerodynamics Laboratory	Mr. Sanoj P Suresh

6	Mechanics of Machines Laboratory	Ms. Sushant M Patil
7	Propulsion Laboratory	Mr. Nikhil Franklin
8	Aircraft Structures Laboratory	Mr. Shuvendra Mohan
9	Vibrations Laboratory	Ms. Pooja B Patil
10	Computer Aided Design Laboratory	Mr. K. M. Kiran Babu
11	Computational Fluid Dynamics Laboratory	Mr. K. M. Kiran Babu
12	Aircraft Maintenance Lab	Mr. K. Balaji
13	Project Laboratory	Mr. Anil Kumar Nakkala
14	Aircraft Engine Laboratory	Mr. Nikhil Franklin

Fluid Mechanics Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Heleshaw Apparatus	45,500
2	Reynolds Apparatus	43,700
3	Bernoulli's Apparatus	43,700
4	Venturi Meter Apparatus	48,100
5	Determination of Head Loss Apparatus	62,700
6	Calibration of Notches Apparatus	65,800
7	Pipe Friction Apparatus (Minor Losses)	58,200
8	Orifice Apparatus	55,800
9	Pelton Wheel	1,89,700
10	Kaplan Turbine	3,42,200
11	Francis Turbine	2,18,000
12	Centrifugal Pump	67,000
13	Reciprocating Pump	66,900
14	Reciprocating Compressor	87,000
15	Centrifugal Blower	97,700
16	Gear Pump Test Apparatus	58,200
Total		15,04,700

Mechanics of Solids Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Direct Tension Test Setup	70,000
2	Bending of Beams	30,000
3	Digital Torsion Test Setup	85,000
4	Spring Test	73,430
5	Shear Test Setup	74,000
6	Impact Test Setup	60,000
Total		3,92,430

Thermodynamics Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Red Wood Viscometer	8,100
2	Bomb Calorimeter	74,200
3	Penetrometer Apparatus	11,800
4	Drop Point Apparatus	8,250
5	Flash & Fire Point Apparatus	6,000
6	Cloud & Pour Point Apparatus	4,750
7	Carbon Residue Apparatus	8,100
8	Aniline Point Apparatus	3,250
9	Double Stage Air Compressor Test Rig	92,500
10	Lever Safety Valve	1,750
11	Spring Loaded Safety Valve	1,550
12	Dead Weight Safety Valve	1,550
13	Combined High Steam Water Safety	2,700
14	Stop Valves – Hopkison Type	2,350
15	Feed Check Valve	2,375
16	Pressure Gauge	1,550
17	Expansion Stream Trap	1,850
18	Green Economizer	5,000
19	Super Heater	4,000
20	Blow of Lock	1,250
21	Boiler Cochram Boiler	7,200

22	Vertical Water Tube Boiler	7,200
23	Water Cooling Tower	58,800
24	Throttling & Separating Calorimeter	81,000
Total		3,97,075

Aerodynamics Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Wind Tunnel with Models	1,98,000
Total		1,98,000

Mechanics of Machines Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Gyroscopic Machines	49,000
2	Balancing of Rotating Masses	35,000
Total		84,000

CAD & CFD Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Dell Optiplex 3020 –(39 Computers)	13,20,000
2	ANSYS 19.1 (Mechanical & CFD) 25 Tasks, Perpetual License	6,00,000

Aircraft Structures Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Mechanical Extensometer	20,750
2	Electrical Extensometer	30,000
3	Beam Test Setup	16,500
4	Riveted & Bolted Joint Specimen	4,000
5	NDT Equipment – Dye Penetrant	10,000
6	NDT Test Bench	20,000
7	NDT Magnetic Particle Testing	20,000
8	NDT Ultrasonic Flaw Detector	2,20,000
9	Measurement of Strain Using Strain Gauge	14,250
10	Combined Bending & Torsion	28,000
11	Shear Centre for Z Section	12,000

12	Shear Centre for C Section	12,150
13	Shear Centre for D Section	13,300
14	Wagnor Beam	39,000
15	Vibration of Beam Setup	60,000
16	Dial Gauges	6,000

17	Column Test Apparatus	60,000
18	Thin Wall Setup	12,000
19	Thin Wall Cylinder	25,000
Total		6,22,950

Vibrations Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Equivalent Spring Mass System	60,000
2	Coupled Pendulum	
3	Double Pendulum	
4	Vibration Test Rig	
5	Vibrations Table	70,000
Total		1,30,000

Aircraft Engines Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Piston Engine	21,00,000
2	Radial Piston Engine	
3	Turbojet Engine With After Burner	
4	Turbo Prop Engine	
5	Turboshaft Engine	
Total		21,00,000

Aircraft Maintenance Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Cessna 152 Aircraft	24,00,000
Total		24,00,000

Propulsion Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Force Convection Apparatus	35,000
2	Free Convection Apparatus	40,000
3	Propeller Test Rig	85,000
4	Fuel Injection Characterization Test Rig	35,000
5	Study of Nozzle Flow	40,000
6	Subsonic Free/Wall Jet	80,000
7	Solid Propellant Test Rig	40,000
8	Ramjet Test Rig	40,000
Total		3,95,000

PROJECT Laboratory

Sl.No	Name of the Equipment	Cost in Rs.
1	Tools & Equipment's	31,884
Total		31,884

Printers, Projectors & Miscellaneous Equipment

Sl.No	Name of the Equipment	Cost in Rs.
1	Epson EBX02 Projector	26,500
2	Epson 470i Projector	88,737
3	Beetle Blast Speaker	7,185
4	Dell Optiplex System	17,809
5	Projector Rack	4,000
6	UPS	1,523
7	Epson M200 Printer	11,500
8	Epson M100 Printer	7,550
9	Epson EBX31 Projector – 2 Nos	59,800
Total		2,24,604

Basic Science Department**Laboratory List****Physics Laboratory:**

Sr. No.	Description	Quantity	Dead Stock Register No.	Total Cost (Rs.)
1.	0-30 V Power Supply	05	ADCET/PHY/DLD.C.R.P/9900/P-02/08	27,500/-
2.	Spectrometer	15	ADCET/PHY/SPECTRO	74,707/-
3.	FOUR Probe Method Set	05	ADCET/PHY/BG/	29,266/-
4.	Optical Bench (170 cm length) Research	02	ADCET/PHY/OB/1-2	1,23,500/-
5.	Inverse Square Law Set-up.	15	ADCET/PHY/ISL	1,35,088/-
6.	2 MW He-Ne LASER Source	12	ADCET/PHY/LS	1,80,230/-
7.	Determination of e/m of electron	05	ADCET/PHY/e/m/1-5	48556/-
8.	Laurentz Half Shade Polarimeter	13	ADCET/PHY/LHSP	59,388/-
9.	Crystal Models	20	ADCET/PHY/MCM	1,77,450/-

Chemistry Laboratory:

Sr. No.	Description	Quantity	Identification No.	Total Cost (Rs.)
01	P ^H Meter-Digital	01	ADCET/CHEM/P ^H 2005-06	4,600/-
02	Distilled water plant	01	ADCET/CHEM/BS/DW/2005	3,900/-
03	Photo calorimeter	01	ADCET/CHEM/PC-1-2008/445/GEN	5,800/-

04	Oven thermostatic	01	ADCET/CHEM/07-08/447/GEN	8,900/-
05	Electronic balance	02	ADCET/CHEM/EB-01-02	47,000/-
06	Potentiometer	01	ADCET/CHEM/P-2010	8,000/-
07	P ^H Meter-Digital	01	ADCET/CHEM/P ^H 2-2010	6,500/-
08	Water distillation plant	01	ADCET/CHEM/BS/DW-2/2013-14	16,960/-
09	Magnetic stirrer with hot plate	01	ADCET/CHEM/ MS -01/2013-14	5,050/-
10	Muffle furnace	01	ADCET/CHEM/ MF-1/2013-14	17,000/-
11	Digital balance	02	ADCET/CHEM/DB1-2/14-15	5,600/-
12	P ^H Meter-Digital	02	ADCET/CHEM/P ^H 3,4/2017-18	15,095/-
13	Photocalorimeter	01	ADCET/CHEM/PC-2/2017-18	8,200/-

Basic Science Project & Research Laboratory

Sr.No	Description of Items	Quantity	Total cost.Rs.
1	Digital Manometer	01	9,800/-
2	Distilled water Plant	01	6,800/-
3	PH Meter with electrode	01	6,800/
4	Water bath Digital	01	12,900/-
5	Electric stirrer	01	8,900/-

Language Laboratory: Software's & Computing Facility

Sr. No.	Description	Quantity	Total Price (Rs.)
Software's details			
01	Language Lab Software (ETNL)	01+20 Console	1,24,800/ -
02	Language Lab Software (SANAKO)	01+20 Users	1,40,000/ -
Computing Facility			
03	Dell Desktop Optiplex 3020MT 4 th Gen. Dual Core 2GB DiMM 500 GB Intel H 81 chip set MB HD Graphics	20	5,00,000/ -
04	LIEBERT UPS GXT MT + 6K VA (1x1)	1	44,650/-
05	LENOVO Think Centre Desktop PC	20	4,70,000/ -
06	UPS LIBERT POWER BANK 6000	1	55,528/-

Food Technolog

Sr. No.	Name of Laboratory	Name of Equipment	Cost of Equipment	Total cost per Laboratory (with discount)
01	Food Biochemistry Laboratory	1.Hot Air Oven 18x18x18	20012.80	233801.64
		2. Magnetic Stirrer (Model-1 MLH)	6903.00	
		3. Magnetic Stirrer(Model-2 MLH)	7434.00	
		4. Magnetic Stirrer (Model-5 MLH)	9558.00	
		5. Precision Gold Balance (Model-PGB 600)	5782.00	
		6. Water Bath Shaker	50976.00	
		7. All Glass Single Distillation Unit	31661.76	
		8. Water Still 4 LTR	7363.20	
		9. Colorimeter	9558.00	
		10. Photo Florimeter	58174.00	
		11. Bosh Mixer	6500.00	
		12. Usha Hand Bitter	3000.00	
		13. Oven Toaster Griller	14500.00	
		14. Heating Mantle with Regulator	2378.88	
02	Food Microbiology Laboratory	1. Incubator Lab Type	20484.80	909562.30
		2. Autoclave Fully Automatic	59295.00	
		3. Monocular Microscope	15045.00	
		4. Clinical Centrifuge	6584.40	
		5. Precision Gold Balance (Model-PGB 200)	13216.00	
		6. High Speed Homogenizer	14868.00	

		7. UV-VIS Spectrophotometer	360490.00	
		8. Viscometer	289100.00	
		9. PH/Conductivity Meter-	Complementary	
		10. Micro Pipette (1ml)	2124.00	
		11. Laminar Air Flow	80240.00	
		12. Magnus Binocular Microscope	36683.84	
		13. Colony Counter	5664.00	
		14. Micro Pipette (5ml)	5015.00	
		15. Digital Stop Watch	752.25	
03	Food Engineering-I Laboratory	1. Shell and Tube Heat Exchanger	42284.60	289644.20
		2. Plate Heat Exchanger	85809.60	
		3. Determination of thermal conductivity of insulating powder	21600.00	
		4. Determination of thermal conductivity of metal rod at different temperature	23400.00	
		5. Determination of natural convection heat transfer coefficient for vertical cylinder	21600.00	
		6. Determination of forced convection heat transfer coefficient in internal pipe flow	27900.00	
		7. Determination of Stefan Boltzmann constant	18000.00	
		8. Determination of fin efficiency and effectiveness	28800.00	
		9. Trial on parallel and counter flow heat exchanger	20250.00	
04	Food Engineering-II Laboratory	1. Tray Dryer	47908.00	405034.06
		2. Solid-Liquid Extraction Packed Bed	90034.00	
		3. Absorption in Packed Column	63336.03	

		4. Adsorption in Packed Column	63336.03	
		5. Packed Bed Distillation Column	70210.00	
		6. Liquid-Liquid Extraction Packed Bed	70210.00	
05	Unit Operation Laboratory	1. Fluidised Bed Dryer	47908.00	429520.00
		2. Sieve Shaker	51212.00	
		3. Pulverizer	72688.00	
		4. Plate and Frame Filter Press	133812.00	
		5. Vacuum Leaf Filter Apparatus	39648.00	
		6. Sedimentation Apparatus	44604.00	
		7. Agitated Vessel	39648.00	
06	Food Analysis Laboratory	1. Bomb Calorimeter	99120.00	573461.12
		2. Muffle Furnace	23128.00	
		3. Hand Refractometer (0 to 32 brix)	1699.20	
		4. Hand Refractometer (28 to 62 brix)	1699.20	
		5. Hand Refractometer (58 to 92 brix)	1699.20	
		6. Kjeldahl Distillation Unit	330400.00	
		7. TLC Set	8099.52	
		8. Gerber Centrifuge	79296.00	
		9. Sedimentation Tester	13688.00	
		10. Digital Vernier Caliper	4720.00	
		11. Digital Turbidity Meter	9912.00	
07	Food Processing Laboratory	1. Hand Refractometer (0 to 32 brix)	1699.20	121398.40
		2. Hand Refractometer (28 to 62 brix)	1699.20	
		3. Hand Refractometer (58 to 92 brix)	1699.20	
		4. Weighing Balance	18880.00	
		5. Tray Dryer	84960.00	

		6.Aluminium Tray	12460.80	
08	Fluid Mechanics	1.Minor losses in pipe fittings	18000.00	705600.00
		2.Heleshaw's Apparatus	4500.00	
		3.Bernoulli's Theorem Apparatus	19800.00	
		4.Orifice and Unsteady Mouthpiece Apparatus	18000.00	
		5.Parallel pipe and GI PVC Pipes Apparatus	23400.00	
		6.Series Pipe Apparatus	23400.00	
		7.Venturimeter and Orificemeter	36000.00	
		8.Calibration and Notches	19800.00	
		9.Reynold's Apparatus	13500.00	
		10.Pelton Wheel Turbine	67500.00	
		11.Fransis Turbine	135000.00	
		12.Kaplan Turbine	153000.00	
		13.Reciprocating Pump Test Rig	45900.00	
		14. Centrifugal Pump Test Rig	37800.00	
		15.Reciprocating Air Compressor	63000.00	
		16. Centrifugal Blower	27000.00	
Total cost of laboratory equipments				36,68,022.00

Experimental Setup

Mechanical Engineering

MECHANICAL MEASUREMENT & CONTROL (T & M) __		
Equipment Setup Name	Experiment Name	Dead Stock No.
Dead Weight Pressure Gauge	Dead Weight Pressure Gauge	ADCET/MECH/MMC/DWPG-1
Water Flow Measurement by Watermeter&Rota meter	Water Flow Measurement by Watermeter&Rota meter	ADCET/MECH/MMC/WFMWR
Angular speed measurement using stroboscope photoelectric pickup magnetic pickup	Angular speed measurement using stroboscope photoelectric pickup magnetic pickup	ADCET/MECH/MMC/ASMPM-1

Formation of thermocouple & calibration of thermocouple	Formation of thermocouple & calibration of thermocouple	ADCET/MECH/ MMC/FOTCT-1
Measurement of temperature using thermocouple RTD Thermistor	Measurement of temperature using thermocouple RTD Thermistor	ADCET/MECH/ MMC/MOTUTRT-1
Measurement of displacement using LVDT	Measurement of displacement using LVDT	ADCET/MECH/ MMC/MDUL -1
Force & Torque measurement using strain gauge	Force & Torque measurement using strain gauge	ADCET/MECH/ MMC/FTMSG -1
Vibration testing using contact & contact type instruments	Vibration testing using contact & contact type instruments	ADCET/MECH/ MMC/VTI-1
Design of measuring system for flow temperature pressure	Design of measuring system for flow temperature pressure	ADCET/MECH/ MMC/DMS-1

Theory Of Machine LAB

1.	Experiment on set up rope break dynamometer	Experiment on rope break dynamometer	ADCET/MECH/TOM/ESR BD-01
2.	Experiment on set up cam profile	Problems on cam profile.	ADCET/MECH/TOM/ECP-01
3.	Experiment on Belt drive	Experiment on belt drive.	ADCET/MECH/TOM/EBD -01
4.	Generation of involute gear tooth	Generation of involutes tooth profile/ Verification of the Law of Gearing	ADCET/MECH/TOM/GIG T-01
5.	Board model of kinematic links	Verification of ratio of angular velocities of shafts connected by Hooks joint	ADCET/MECH/TOM/BM KL-01
6.	Board model of kinematic pairs	Verification of ratio of angular velocities of shafts connected by Hooks joint	ADCET/MECH/TOM/BM KP-01
7.	Inversion of four bar mechanism	Verification of ratio of angular velocities of shafts connected by Hooks joint	ADCET/MECH/TOM/IFB M-02
8.	Inversion of single slider mechanism	Verification of ratio of angular velocities of shafts connected by Hooks joint	ADCET/MECH/TOM/ISS M -02

9.	Inversion of double slider mechanism	Verification of ratio of angular velocities of shafts connected by Hooks joint	ADCET/MECH/TOM/IDS M-02
10.	Board model types of gears	----	ADCET/MECH/TOM/BMT G-01
11.	Board model types of gear train	----	ADCET/MECH/TOM/BM GT-01
12.	Differential gear box	----	ADCET/MECH/TOM/DGB -01
13.	Board model of low of gearing	----	ADCET/MECH/TOM/BML G-01
14.	Board model of gear terminology	Generation of involutes tooth profile/ Verification of the Law of Gearing.	ADCET/MECH/TOM/BM GT-01
15.	Study And Demonstration of Gyroscope effect on rolling Chair	----	ADCET/MECH/TOM/SAD GERC-01
16.	Seed Extraction Machine	----	ADCET/MECH/TOM/SEM -01
17.	Design and Development Wilson Harte Nell Governor.	----	ADCET/MECH/TOM/DD WHG-01

Refrigeration And Air Conditioning			
Sr. No.	Equipment Setup Name	Experiment Name	Dead Stock No.
1	Refrigeration Test Rig	Trial On Refrigeration Test Rig	ADCET/09-10/MECH/RAC/RTR - 01
2	Air Conditioning Test Rig	Trial On Window Air Conditioner Or Air Conditioning Test Rig	ADCET/09-10/MECH/RAC/ACTR - 01
3	Ice Plant Test Rig	Trial On ICE Plant Test Rig	ADCET/09-10/MECH/RAC/IPTR - 01
4	Heat Pump Test Rig	Trial On Heat Pump Test Rig	ADCET/09-10/MECH/RAC/HPTR - 01
5	Vortex Tube Test Rig	Study Of Various Conventional And Nonconventional Methods Of Refrigeration	ADCET/09-10/MECH/RAC/VTR - 01
6	Cascade Refrigeration System	Trials On Two Stage Cascade System	ADCET/09-10/MECH/RAC/CRS - 01
7	Live Refrigeration System with Emerson Compressor	Study And Demonstration Of Refrigeration Tools & Gas Charging	ADCET/15-16/MECH/RAC/LRS - 01

8	Gas Charging and Tool Kit	Study And Demonstration Of Refrigeration Tools & Gas Charging	ADCET/15-16/MECH/RAC/GCTK - 01
---	---------------------------	---------------------------------------------------------------	--------------------------------

Noise And Vibration Lab			
Sr. No.	Equipment Setup Name	Experiment Name	Dead Stock No.
1	Set Up for equipment spring mass system	Experiment on equivalent spring mass system.	ADCET/MECH/NV/SMS-1
2	Set up for logarithmic decrement of single DOF damped System	Determination of logarithmic decrement for single DOF damped system.	ADCET/MECH/NV/LDSDDS-1
3	Set up for two rotor system without damping	Experiment on torsional vibration of two rotor without damping.	ADCET/MECH/NV/TVTRWD-1
4	Set up for coupled pendulum and double pendulum	Experiment on free vibration of coupled pendulum and / or double pendulum.	ADCET/MECH/NV/CPDP-1
5	Set up for three rotor system without damping	Experiment on torsional vibration of three rotor without damping	ADCET/MECH/NV/TVTRWD-1
6	Set up for different exciters for vibration analysis	NA	ADCET/MECH/NV/DTEVA-01
7	Set up for measurement of vibration parameter	Measurement of vibration parameters using vibration measuring instruments	ADCET/MECH/NV/MVPUVI-1
8	Vibration Lab 1	Determination of logarithmic decrement for single DOF damped system.	ADCET/MECH/NV/VBL-1
9	Vibration Lab 2	Experiment on study of forced vibration characteristics.	ADCET/MECH/NV/VBL-2
10	VM-25 Vibration/RPM/Temperature Meter Instrument	Measurement of vibration parameters using vibration measuring instruments/Consultancy	ADCET/MECH/NV/VM25-1
11	a) BSWA308 Class-1.1/1 octave Sound Level Meter	Sound measurement/consultancy	ADCET/MECH/NV/BOSLM-1
	b) 1/3 OCT: 1/3 Octave option for 308	Sound measurement/consultancy	ADCET/MECH/NV/

12	Variable Frequency drive system with controller	Project/research and consultancy	ADCET/MECH/NV/VFDSWC-1
13	Induction Motor 5HP foot and Flange Mount,3000RPM Class 5,IE2 Compliance	Project/research and consultancy	ADCET/MECH/NV/IM-1
14	Shaft align OS3 Shaft Package	Project/research and consultancy	ADCET/MECH/NV/SOS3SP-1
15	Whirling Of Shafts Apparatus	-----	ADCET/MECH/NV/WSA-1
16	4- Channel FFT Analyzer data collector and Balancer with Software + Data Acquisition system + vibration exciter + High end Laptop	Introduction to FFT analyzer, and prediction of spectral response of vibrating machine from workshop.	ADCET/MECH/NV/FFTA-1

Metrology & Quality Control Lab			
Sr. No.	Equipment Setup Name	Experiment Name	Dead Stock No.
1	Sine Bar With Sine Centre	Study and Use Of Angle Measuring Instrument	ADCET/MECH/MQC/SBSC-1
2	Angle Slip Gauge	Study and Use Of Angle Measuring Instrument.	ADCET/MECH/MQC/ASG-1
3	Demonstration Gauge Kit	Study of Different Guage sets.	ADCET/MECH/MQC/DGK
4	Optical Flat with Specimens	Study and use of Optical flat	ADCET/MECH/MQC/OF-1
5	Standard Balls & Rollers With Specimen For Angle Measurement	Study and Use Of Angle Measuring Instrument.	ADCET/MECH/MQC/SBR-1
6	Profile Projector (PPT-150)	Spur Gear Measurements	ADCET/MECH/MQC/OPP-1
7	Slip Gauge Box (Grade I)	Study of Different Guage sets.	ADCET/MECH/MQC/SG-1
8	Vernier Caliper	Study and use of linear Measuring Instrument	ADCET/MECH/MQC/VC-1
9	Micrometer a) 0to 25 mm	Study and use of linear Measuring Instrument	ADCET/MECH/MQC/M-1
	Micrometer a) 25 to 50 mm	Study and use of linear Measuring Instrument	ADCET/MECH/MQC/M-2
10	Vernier Height Gauge	Study and use of linear Measuring Instrument	ADCET/MECH/MQC/VHG-1
11	Dial Gauge 0 to 1 mm	Study and use of Comparators	ADCET/MECH/MQC/DG-1
	Dial Gauge 0 to 10 mm	Study and use of Comparators	ADCET/MECH/MQC/DG-2
12	Lever Type Dial Gauge	Study and use of Comparators	ADCET/MECH/MQC/LTDG-1

13	Gear Tooth Vernier Caliper	Spur Gear Measurements	ADCET/MECH/MQC/GTV-1
14	Magnetic Stand	Study and use of Comparators	ADCET/MECH/MQC/MS-1
15	Monochromatic Light Unit	Study and use of Optical flat.	ADCET/MECH/MQC/MLU-1
16	Universal Bevel Protector	Study and Use Of Angle Measuring Instrument	ADCET/MECH/MQC/BP-1
17	Vernier Depth Gauge	Study and use of linear Measuring Instrument	ADCET/MECH/MQC/VDG-1
18	Floating Carriage Machine	Screw Thread Measurements	ADCET/MECH/MQC/FCM-1
19	Tool Makers Microscope TM 50	Demonstration of tool makers microscope	ADCET/MECH/MQC/TMM-1
20	Bore Dial Guage	Study and use of Comparators	ADCET/MECH/MQC/BDG-1

Metallurgy Lab			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock No
1	Rockwell cum Brunel Hardness Testing Machine	Hardness Test:	ADCET/MECH/META/RBH-1
2	Impact Testing Machine	Impact Test:	ADCET/MECH/META/ITM-01
3	Single Disc Polishing Machine	Nil	ADCET/MECH/META/SDP-1
4	Trinocular Metallurgical Microscope	Examination of microstructure of steels:	ADCET/MECH/META/M-1
		Examination of microstructure of cast iron	
		Examination of microstructure of non-ferrous alloys.	
5	Jominey End Quench Setup	Jominy End-Quench test for Hardenability	ADCET/MECH/META/JEQT-01
6	Muffle Furnace Model-I	Jominy End-Quench test for Hardenability	ADCET/MECH/META/MF-01
7	Metallurgical Micro Specimens Samples (24 Nos)	Examination of microstructure of steels:	ADCET/MECH/META/MSP 1
		Examination of microstructure of cast iron	
		Examination of microstructure of non-ferrous alloys.	
		Examination of microstructure of steels:	ADCET/MECH/META/MSP2

8	Metallurgical Micro Specimens Samples (6 Nos)	Examination of microstructure of cast iron	ADCET/MECH/META/LLMU MM1 to 3
		Examination of microstructure of non-ferrous alloys.	
9	LM52208/Upright Metallurgical Microscope with camera and image analysis software	Examination of microstructure of steels:	ADCET/MECH/META/LLMU MM1 to 3
		Examination of microstructure of cast iron	
		Examination of microstructure of non-ferrous alloys.	

Mechatronics Lab			
Sr. No.	Equipment Setup Name	Experiment Name	IdentificationNo
1	Model PLC-2 Allen Bradley Micrologix 1000 Part A, Basic PLC unit	Study of ladder diagrams, symbols and implementation of logic function.	ADCET/MECH/MECHA/PLC-1 PART A
2	Model PLC-2 Part B, 5 number of hardware's	Basic Ladder Programming	ADCET/MECH/MECHA/PLC-2 PART B
3	PC P4 HHP Compaq AMD Athlon X ₂ Dual	Demonstrative models for application of PLC in real time cases.	ADCET/06-07/MECH/MECHA-1
4	RCS 06 Universal Robotic Kit with all mechanical hardware drive card and software on PC	Demonstrative Robotics Kit	ADECT/MECH/MECHA/ROBO-1
5	Computer-Dell Optiplex3010 Qty-1	Trials on Sensors: Limit switch, level sensor, thermistor, load cell, Encoder, Proximity Sensors.	ADCET/MECH/13-14/MECHA/C-1
6	Allen Bradley Micrologix 1400 1766L32BWAA system	PLC programming on industrial applications based on timers & counters and internal relays.	ADCET/MECH/13-14/MECHA/AB1400 PLC
7	Sensor interface module with different sensors	PLC Data handling and Fault finding	ADCET/MECH/13-14/MECHA/SIM-1
8	Motor interface module		ADCET/MECH/13-14/MECHA/AIM-1
9	Bottle filling application		ADCET/MECH/13-14/MECHA/BFA-1
10	Linear conveyor belt system	Demonstrative models for application of PLC in real time cases.	ADCET/MECH/13-14/MECHA/CONVEYER-1

11	RS-Logix starter lite software	Software for PLC-Ladder Programming	ADCET/MECH/ 13-14/MECHA/ RSL-1
----	--------------------------------	-------------------------------------	--------------------------------------

Heat & Mass Transfer Lab			
Sr. No.	Equipment Setup Name	Experiment Name	IdentificationNo
1	Thermal conductivity of insulating powder	Determination of thermal conductivity of insulating Powder	ADCET/MECH/HT/TCIP-1
2	Emissivity apparatus	Determination of emissivity	ADCET/MECH/HT/EA-1
3	Stefan Boltzmann apparatus	Determination of Stefan Boltzmann constant	ADCET/MECH/HT/SBA-1
4	Natural convection apparatus	Determination of heat transfer coefficient for natural convection	ADCET/MECH/HT/NCA-1
5	Forced convection apparatus	Determination of heat transfer coefficient for forced convection	ADCET/MECH/HT/FCA-1
6	Critical heat flux (Pool Boiling)	Boiling heat transfer	ADCET/MECH/HT/PB-1
7	Thermal conductivity of composite wall	Determination of thermal conductivity of composite wall	ADCET/MECH/HT/TCCW A-1
8	Heat Pipe	Demonstration on heat pipe	ADCET/MECH/HT/HP-1

Manufacturing Processes Lab

Sr. No.	Equipment Set Up Name	Experiment Name	Dead Stock No.
1	Clay Washer Model: VCW	Sand Clay content testing	ADCET/MECH/MP/CWM/1
2	Sieve Shaker with set of Sieves Model: VGH	Sand Testing and Grain Fineness Number	ADCET/MECH/MP/SS-1
3	Permeability Maker Model: VP	Finding Permeability Number	ADCET/MECH/MP/PMM-1
4	Universal Strength Machine Model: VUM	Compressive Strength testing	ADCET/MECH/MP/USM-1
5	Core Hardness Tester Model: VCH	Core Hardness	ADCET/MECH/MP/CHT-1
6	Mould Hardness Tester B Scale Model: VMH(B)	Mould Hardness	ADCET/MECH/MP/CPA-1
7	Rapid Moisture Tester Model: VM	Moisture Percentage	ADCET/MECH/MP/RMT-1
8	Sand Rammer Model: VR	Study of types of patterns and core boxes	ADCET/MECH/MP/SRM-1

9	Condensation in Drop & Film Form	Condensation heat transfer	ADCET/MECH/HT/TCID AFF-1
10	Parallel Flow , Counter Flow Heat Exchanger	Trial on heat exchanger	ADCET/MECH/HT/PFCF HE-1
11	Heat exchanger Temp. controller module	Trial on heat exchanger	ADCET/MECH/HT/STHX -1
	Noiseless Air Compressor		
	SCADA Application Software		
	DELL OPTIPLEX 755 PC	SCADA Application Software	ADCET/MECH/HT/PC-1
12	Thermal conductivity of insulating powder	Determination of thermal conductivity of insulating Powder	ADCET/MECH/HT/TCIP- 2
13	Thermal conductivity of metal rod of diff. Temp.	Determination of Thermal conductivity of metal rod of different Temperatures	ADCET/MECH/HT/TCMR -1
14	Natural convection apparatus	Determination of heat transfer coefficient for natural convection	ADCET/MECH/HT/NCA- 2
15	Forced convection apparatus	Determination of heat transfer coefficient for forced convection	ADCET/MECH/HT/FCA-2
16	Emissivity Apparatus	Determination of emissivity	ADCET/MECH/HT/EA-2
17	Stefan Boltzmann Apparatus	Determination of Stefan Boltzmann constant	ADCET/MECH/HT/SBA-2
18	Parallel Flow , Counter Flow Heat Exchanger	Trial on heat exchanger	ADCET/MECH/HT/PFCF HE-2
19	Unsteady State Heat Transfer	Experiment on unsteady state heat transfer	ADCET/MECH/HT/USHT -1
20	Boling Heat Flux (Pool Boiling)	Boling heat transfer	ADCET/MECH/HT/PB-2
21	Thermal Conductivity of Lagged Pipe	Determination of thermal conductivity of Lagged Pipe	ADCET/MECH/HT/TCLP- 1

Internal Combustions Engines

Sr.No	Equipment Setup Name	Experiment Name	Dead Stock Number
1	Brand New Slow Speed Diesel Engine with Rope Brake Dynamometer	Trial On Slow Speed Diesel Engine With Rope Brake Dynamometer	ADCET/MECH/ICE/FSDE-1
2	4 Stroke, 4Cylinder Petrol Engine Test Rig. With Hydraulic Dynamometer	Test On Four Stroke Multi Cylinder Petrol Engine.	ADCET/MECH/ICE/4S4CPE-1
3	Cut Section Model of Single Cylinder 4-Stroke Diesel Engine	STUDY OF CONSTRUCTIONAL Detailssingle Cylinder 4-Stroke Diesel Engine	ADCET/MECH/ICE/4SSCDE-1
4	Single Cylinder Petrol Engine Test Rig.(2stroke Scooter Engine)	To Conduct Trial On Single Cylinder Petrol Engine	ADCET/MECH/ICE/SCPETR-1
5	Single Cylinder Petrol Engine Cut Section Model	STUDY OF CONSTRUCTI ONAL DETAILS Singlecylinder Petrol Engine	ADCET/MECH/ICE/SCPECS-1
6	Computerized Engine Test Setup Engine Performance Analyzer software with License	Test On Four Stroke Multi Cylinder Petrol Engine Computer Cont	ADCET/MECH/ICE/CETS-1 ADCET/MECH/ICE/EPA-1
7	Mass Flow Measurement of fuel by using Loed Cell	Test On Four Stroke Multi Cylinder Petrol Engine.	ADCET/MECH/ICE/MFM/1

Fluid Mechanics Lab			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
01	Heleshaw Apparatus	Flow Visualization by plotting of stream lines	ADCET/MECH/FM/HA-1
02	Reynold's Apparatus	Reynold's Experiment	ADCET/MECH/FM/RA-1A
03	Bernoulli's Apparatus	Verification of Bernoulli's equation	ADCET/MECH/FM/BA-1A
04	Venturimeter&Orificemeter Apparatus	Calibration of Venturimeter& Calibration of Orifice meter	ADCET/MECH/FM/FMVOM-1A
05	Notch Apparatus	Calibration of Notches	ADCET/MECH/FM/NA-1A
06	Pipe Friction Apparatus	Determination of coefficient of friction in pipes of different materials	ADCET/MECH/FM/PF-1A
07	Losses in Pipe Fittings	Determination of losses in pipe fittings	ADCET/MECH/FM/LPF-1
08	Laminar Flow Apparatus	Determination of velocity profile through circular pipes for laminar flow	ADCET/MECH/FM/LFA-1
09	Orifice under steady & Unsteady flow Condition Apparatus	Orifice under steady flow condition	ADCET/MECH/FM/OSUFC-1
10	Equivalent pipe for pipe in parallel	Study & demonstration of equivalent pipe for pipes in parallel	ADCET/MECH/FM/EPPP

COMPUTER LAB 2			
Sr.No	Equipment Setup Name	Experiment Name	Dead Stock Number
1	Computer DELLOptiplex - 3010(Qty -24)	Computer DELLOptiplex - 3010(Qty -24)	ADCET/14-15/240/ME/CL2/31-54
2	Printer –EPSON LQ 300+ (Qty-01)	Printer –EPSON LQ 300+ (Qty-01)	ADCET/06-07/231/ME/CL2/1
3	Liebrt UPS Gxt MT+6KVA	Liebrt UPS Gxt MT+6KVA	ADCET/14-15//ME/CL2/1

4	Switch 8 Port, Switch 24 Port, 24 Port Patch Panel Rack –Dlink .	Switch 8 Port, Switch 24 Port, 24 Port Patch Panel Rack –Dlink .	ADCET/14-15/ME/CL2/1
5	Projector Epson EB X31	Projector Epson EB X31	ADCET/17-18//ME/CL 2/1

COMPUTER LAB1

Sr.No	Equipment Setup Name	Experiment Name	Dead Stock Number
1	Computer –HP Compaq DX2255 (Qty-06)	Computer –HP Compaq DX2255 (Qty-06)	ADCET/06-07/240/ME/CL1/1-6
2	Computer- DELL Optiplex -755 (Qty -10)	Computer- DELL Optiplex -755 (Qty -10)	ADCET/07-08/ME/CL1/1-10
3	Computer- Lenovo Think Center (Qty- 10)	Computer- Lenovo Think Center (Qty- 10)	ADCET/10-11/ME/CL1/11-20
4	Computer DELL Optiplex -3010(Qty -05)	Computer DELL Optiplex -3010(Qty -05)	ADCET/13-14/ME/CL1/26-30
5	Printer –EPSON LQ 300+ (Qty-01)	Printer –EPSON LQ 300+ (Qty-01)	ADCET/06-07/237/ME/CL1/1
6	Printer –HP Laserjet (Qty-01)	Printer –HP Laserjet (Qty-01)	ADCET/06-07/237/ME/CL1/1
7	Switch 24 Port, 24 Port Patch Panel Rack –Dlink .	Switch 24 Port, 24 Port Patch Panel Rack –Dlink .	ADCET/14-15/240/ME/CL1/1
8	P.B 6000 Liebet U.P.S 12V 26 Ah Exide Battery	P.B 6000 Liebet U.P.S 12V 26 Ah Exide Battery	ADCET/17-18/ME/CL1/UPS /1
9	Projector Epson EB X31(Qty-01)	Projector Epson EB X31(Qty-01)	ADCET/17-18/ME/CL1/PROJECTER /1

Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
1	0.5 HP,3 Phase 440 VAC geared motor (02nos)	PROJECT	ADCET/MECH/PC Lab /MOTOR -01 to 02
2	3 Phase Induction Motor v/f drive with panel	PROJECT	ADCET/MECH/PC Lab /CONTROL PANEL -01
3	Mandrel	PROJECT	ADCET/MECH/PC Lab /MANDREL -01
4	Carriage	PROJECT	ADCET/MECH/PC Lab /CARRIAGE -01
5	Drop weight m/c	PROJECT	ADCET/MECH/PC Lab /DWMC -01
6	Extraction m/c	PROJECT	ADCET/MECH/PC Lab /EXTMC -01
7	Automatic And Manual Controller for FW Machine	PROJECT	ADCET/MECH/PC Lab /AMCF -01
8	Finite Element Analysis of Composite Material with Different Direction Orientation of fibers.	PROJECT	ADCET/MECH/PC Lab /FEACMDDOF -01

1	Computers -DELL Optiplex-3010 (Qty-25)	-----	ADCET/13-14/ME/CADCAM/01 - 25
2	CNC lathe trainer	-----	ADCET/08-09/MECH/CNC - 01
3	Emerson UPS	-----	ADCET/10-11/MECH/CL/UPS-1
4	Trendnet 24-port switch	-----	ADCET/10-11/MECH/CL/SW-1
5	Printer - EPSON LQ 300+ (Qty-01)	-----	ADCET/10-11/MECH/CL/02
6	Printer - Canon LBP2900 (Qty-01)	-----	ADCET/11-12/MECH/CL/C-1
7	Projector Epson EB X31	-----	ADCET/17-18/ME/CL/PRO -02
8	Autodesk Inventor Series 8.0(Educational version)	Experiment on Autocad	ADCET/MECH/04/ACAD /1-3
9	ANSYS academic teaching introductoryANSYS14.0 (25 users.)	Experiment on Ansys	ADCET/12-13/MECH/CL/ANSYS 04 (CD-1-3)
10	CATIA V6 UDL, PLM Discover Pack (30users)	Experiment on Catia	ADCET/13-14/MECH/CL/05
11	Hyper works V14.0	Experiment on Hyperworks	ADCET/16-17/MECH/CL/HW1
12	Solidworks software Educational version (40users)	Experiment on Solidworks	ADCET/18-19 /MECH/CL/SS-1
13	Seqrite End point security	-----	ADCET/18-19 /MECH/CL/S-1

Automobile Engineering Lab			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
1	Maruti 800cc engine	Cut section model of Maruti 800cc engine ,Gear box, clutch & radiator working	ADCET/MECH/AE/001/2010
2	Hydraulic brake two disc and two drum brakes.	Cut section model of hydraulic brake unit -four wheelttype with two disc and two drum brakes.	ADCET/MECH/AE/002/2010
3	Rack and Pinion steering gear	Cut section model of rack and pinion steering gear box	ADCET/MECH/AE/003/2010
4	worm and roller steering gear box	Cut section model of worm and roller steering gear box.	ADCET/MECH/AE/004/2010

	ball type steering gear box	Cut section model of recalculating ball type steering gear box	ADCET/MECH/AE/005/2010
6	Power steering gear box	Cut section model of Power steering gear box	ADCET/MECH/AE/006/2010
7	synchronous gear box	Cut section model of synchronous gear box.	ADCET/MECH/AE/007/2010
8	automatic transmission of a car.	Cut section model of automatic transmission of a car.	ADCET/MECH/AE/008/2010
9	centrifugal clutch	Cut section model of centrifugal clutch (Honda activa).	ADCET/MECH/AE/009/2010
10	floating differential and wheelmechanism	Cut section model of semi floating differential and wheelmechanism.	ADCET/MECH/AE/010/2010
11	Maruti car wiring	Cut section model of mock layout of a Maruti car wiring(electrical system of a car) working model.	ADCET/MECH/AE/011/2010
12	self starter	Cut section model of self starter	ADCET/MECH/AE/012/2010
13	Dynamo	Cut section model of Dynamo	ADCET/MECH/AE/013/2010
14	Shock Absorber	Cut section model of Shock Absorber	ADCET/MECH/AE/014/2010
15	Brake cylinder and Master cylinder	Cut section model of Brake cylinder and Master cylinder	ADCET/MECH/AE/015/2010
16	Propeller Shaft	Cut section model of Propeller Shaft	ADCET/MECH/AE/016/2010
17	centrifugal clutch	Cut section model of centrifugal clutch(Luna)	ADCET/MECH/AE/017/2010
18	Alternator	Cut section model of Alternator	ADCET/MECH/AE/018/2010
19	Macphersonsuspension	Cut section model of complete one side Macphersonsuspension strut with drive shaft, disk brake.	ADCET/MECH/AE/019/2010
20	Alkaline Battery	Cut section model of Alkaline Battery	ADCET/MECH/AE/020/2010

Sr. No.	Equipment Setup Name	Excrement Name	Dead stock No.
1	Redwood Viscometer	Test on Redwood viscometer and Aniline point apparatus	ADCET/MECH/TD/RV/1
2	Aniline Point Test Apparatus	Test on Redwood viscometer and Aniline point apparatus	ADCET/MECH/APT/1
3	Carbon Residue Apparatus Single Test	Test on Carbon residue, Cloud and Pour point apparatus	ADCET/MECH/TD/CRA-1
4	Cloud & Pour point Apparatus		ADCET/MECH/TD/CPPA-1
5	Drop Point of Grease Apparatus	Test on Grease Penetrometer and dropping point apparatus.	ADCET/MECH/TD/DPG A-1
6	Penetrometer Apparatus		ADCET/MECH/TD/PA-1
7	Flash & Fire Point Apparatus	Determination of flash and fire point of a lubricating oil.	ADCET/MECH/TD/FFPA-1
8	Aniline Point Apparatus.	Test on Redwood viscometer and Aniline point apparatus	ADCET/MECH/TD/APA-1
9	Model of Cochran Boiler	Study and Demonstration of water tube and fire tube boilers	ADCET/MECH/TD/CB-1
10	Model of Lancashire Boiler	Study and Demonstration of boiler mountings, Accessories and Steam calorimeters.	ADCET/MECH/TD/LB-1
11	Model of Cornish Boiler	Study and Demonstration of boiler mountings, Accessories and Steam calorimeters.	ADCET/MECH/TD/CB-1
12	Model of Locomotive Boiler	Study and Demonstration of condenser and study of cooling towers	ADCET/MECH/TD/LB-1
13	Model of Babcock & Wilcox Boiler	Study and Demonstration of condenser and study of cooling towers	ADCET/MECH/TD/WB-1
14	Fusible Plugs	Significance and relevance of lubrication properties and systems	ADCET/MECH/TD/FP-1
15	Spring Loaded Safety Valve	Study and Demonstration of condenser and study of cooling towers	ADCET/MECH/TD/SLSV-1
16	Steam Power Plant with all Accessories (1 kw capacity)	Study / Trial on steam power plant	ADCET/MECH/TD/SPP/01

Computer Science & Engineering Department

Programming Lab

Sem-II

Experiments List

Course : Programming Lab-IV (TE)

Expt. No	Title
01	Introduction to .NET Architecture
02	Demonstrate C# Basic Types, Variables, Operators
03	Make use of OOPS concepts in like Class, Objects and Types.
04	Implement the concept of inheritance and interface
05	Implementation of Multidimensional & Jagged array
06	Implementation of Operator overloading
	Review I
07	String manipulation using String & String builder
08	Implement concept of Exception Handling
09	Implement concept of Threading
10	Implement concept of I/O files.
11	Implement ADO.NET connectivity
	Review II

Course : Programming Lab-II (SY)

Exp.No	Title of Experiment
1	Program based on Variables, Operators, Strings, Input and Output.
2	Program based on concept of Class and Object.
3	Program based on concept of Overloading.
4	Program based on Static Fields and Static Methods.
5	Program based on concept of Inheritance like single inheritance, multilevel inheritance, hierarchical inheritance etc.

6	Program based on Multiple inheritance using Interface.
7	Program based on concept of Polymorphism.
8	Program based on concept of super keyword, final classes and final methods.
9	Program based on Abstract classes and methods.
10	Program based on Multiple inheritance using Interface.
11	Program based on concept of Package and sub packages
12	Program based on concept of Exception and custom exception
13	Program based on file read write
14	Program to develop GUI using swing.
15	Program to develop GUI using JApplet
16	Program based on Layout Management.
17	Program based on concept of Key and mouse event.
18	Program based on Socket programming using Swing GUI.
19	Program based on threading.
20	Program based on Database.
21	Program to demonstrate Collection classes.

Course : Web Technology-II (BE)

Sr. No.	TITLE OF THE EXPERIMENT
1	Create registration form using different server controls.
2	Accepting and validating user entered data in registration form using ASP.NET
3	Write a program to manage session in ASP.Net.
4	Reading and writing HTML contents with JQuery.
5	Write a sample application to demonstrate AJAX.
6	Display database contents from SQL server or Oracle database using SQL Command class from ASP.NET.
7	Display parameterized data using SQL DataReader and GridView in ASP.NET
8	Database access using DataSet in ASP.NET
9	Installing Apache and PHP on Linux, Configuring PHP at Build Time on Linux. Or Installation of XAMPP.

10	Hello world Program-Embedded HTML with PHP.
11	Program based on PHP variables, Expression, arrays, control structure.
12	Experiment Based on OOP and Advance OOP PHP.
13	Form validation using PHP using regular expressions.
14	Upload various types of file from client side to server with validation.
15	Write a program to send Mail using PHP.
16	Insert user entered data in form to MySQL database using PHP.
17	Update user's data stored in MySQL database using PHP.
18	Write a program to manage session in PHP having login facility in any web application.

Database Engineering Lab Sem-II
Experiments List

Course : Programming Lab-II (SY)

Exp.No	Title of Experiment
1	Program based on Variables, Operators, Strings, Input and Output.
2	Program based on concept of Class and Object.
3	Program based on concept of Overloading.
4	Program based on Static Fields and Static Methods.
5	Program based on concept of Inheritance like single inheritance, multilevel inheritance, hierarchical inheritance etc.
6	Program based on Multiple inheritance using Interface.
7	Program based on concept of Polymorphism.
8	Program based on concept of super keyword, final classes and final methods.
9	Program based on Abstract classes and methods.
10	Program based on Multiple inheritance using Interface.
11	Program based on concept of Package and sub packages
12	Program based on concept of Exception and custom exception
13	Program based on file read write
14	Program to develop GUI using swing.
15	Program to develop GUI using JApplet
16	Program based on Layout Management.
17	Program based on concept of Key and mouse event.

18	Program based on Socket programming using Swing GUI.
19	Program based on threading.
20	Program based on Database.
21	Program to demonstrate Collection classes.

Course : Database Engineering (TE)

Expt. No	Title
01	Introduction to E-R Diagram
02	Converting E-R Diagrams in Relational Tables
03	Installation & Demonstration of Oracle DBMS
04	Study and Implementation of Data Definition Language (DDL) Queries
05	Study and Implementation of Data Manipulation Language (DML) Queries
06	Study and Implementation of Basic SQL SELECT statement for displaying / extracting data from single table or multiple tables.
07	Study and implementation of SQL constructs for aggregating data, use of group by, having clauses.
08	Study and implementation of nested sub-queries, complex queries, views and Joins
09	Database connectivity using Java Programming language
10	Creating Indexes for the table

**Operating System Lab
Experiments List**

Sem-II

Course : Operating System-II (TE)

Exp.No.	Title of Experiment
1	Study of Linux Operating System
2	Introduction to Study of Linux commands and installation of Linux.
3	Study of buffer management in UNIX operating System.
4	Demonstration of inodes in Linux operating system.

5	Study and implementation of File management system calls–open(), close().
6	Review – I
-	Demonstration of File management system calls – read(), write() & lseek()
7	Study and implementation of Process management system call – fork().
8	Demonstration of advanced process management system calls – pipe() & fork().
9	Write a shell script to check the regular file & append data in a file through cat command.
10	Write a shell script that displays a list of all the files in the current directory to which the user has read, write and execute permissions.

Course : Operating System-I (SY)

Exp. No.	Title of Experiment
1.	Installation of windows operating system.
2.	Installation of Linux operating system.
3.	Program based on CPU Scheduling Algorithms.
4.	Program based on Bankers algorithm for Deadlock Avoidance.
5.	Program based on Bankers Algorithm for Deadlock Prevention.
6.	Program based on Page Replacement Policies.
7.	Program based on various system calls of UNIX operating system.
8.	Program based on various I/O System calls of UNIX operating System.
9.	Program based on various UNIX commands.
10.	Program to solve Producer-Consumer problem using semaphores (Using UNIX system calls)

Course : Web Technology-II (BE)

Exp. No.	Title Of The Experiment
1	Create registration form using different server controls.
2	Accepting and validating user entered data in registration form using ASP.NET
3	Write a program to manage session in ASP.Net.
4	Reading and writing HTML contents with JQuery.
5	Write a sample application to demonstrate AJAX.
6	Display database contents from SQL server or Oracle database using SQL Command class from ASP.NET.
7	Display parameterized data using SQL DataReader and GridView in ASP.NET

8	Database access using DataSet in ASP.NET
REVIEW I	
9	Installing Apache and PHP on Linux, Configuring PHP at Build Time on Linux. Or Installation of XAMPP.
10	Hello world Program-Embedded HTML with PHP.
11	Program based on PHP variables, Expression, arrays, control structure.
12	Experiment Based on OOP and Advance OOP PHP.
13	Form validation using PHP using regular expressions.
14	Upload various types of file from client side to server with validation.
15	Write a program to send Mail using PHP.
16	Insert user entered data in form to MySQL database using PHP.
17	Update user's data stored in MySQL database using PHP.
18	Write a program to manage session in PHP having login facility in any web application.

Project Lab

Sem-II

Experiments List

Course : Internet of Things (BE)

Expt. No.	Title of Experiment
1.	Introduction
2.	IoT Framework and Basics
3.	Fundamental IoT Mechanisms and key technologies
4.	Radio Frequency Identification Technology (RFID)
5.	Wireless Technologies for IoT
6.	Review –I
7.	Governance of the Internet of Things
8.	Case Studies on IoT applications
9.	Raspberry Pi Installation and configuration
10.	Sensor Data management using Raspberry Pi
11.	Application implantation using Raspberry Pi (Part-I)

12.	Review-II
13.	Application implantation using Raspberry Pi (part-II)
14.	Submission

Course : Computer Graphics (TE-IT)

Expt . No.	Title of Experiment
1	Implementation of different graphics primitives for drawing shapes
2	Study of different graphical devices and its application
3	Implementation of 2D transformation
4	Implementation of 3D transformation
5	Creating Simple Dimensional Shapes
6	Creating Text and Fonts
7	Implementation of flood fill algorithm.
8	Study of Bezier curve and its properties
9	Introduction to OpenGL and GLUT.
10	Implementation of moving object and study of multimedia technique

Computer Graphics & Vision Lab

2018-19 Sem-II

Course : Operating System-II (TE)

Exp.No.	Title of Experiment
1	Study of Linux Operating System
2	Introduction to Study of Linux commands and installation of Linux.
3	Study of buffer management in UNIX operating System.
4	Demonstration of inodes in Linux operating system.
5	Study and implementation of File management system calls–open(), close().

6	Review – I
-	Demonstration of File management system calls – read(), write() & lseek()
7	Study and implementation of Process management system call – fork().
8	Demonstration of advanced process management system calls – pipe() & fork().
9	Write a shell script to check the regular file & append data in a file through cat command.
10	Write a shell script that displays a list of all the files in the current directory to which the user has read, write and execute permissions.

Course : Internet Technology (TE-IT)

Exp No.	Title of Experiment
1.	Study of TCP/IP protocol suite and Linux socket system calls.
2.	Implementation of client program using UDP to connect to well-known services (ECHO, TIME OF DAY).
3.	Implementation of iterative UDP client-server.
4.	Implementation of Concurrent TCP client-server.
5.	Implementing and Study of Network Sniffing Tool-tcpdump.
6.	Implementing and Study of Network Protocol Analyzer-wireshark.
7.	Implementation of Echo Server using IPv6.
8.	Study of DNS client utilities (nslookup, dig, host, whois).
9.	Developing Personal Website with database connectivity.
10.	Study of various streaming multimedia protocols in Internet.

Course : Computer Graphics (TE-IT)

Expt . No.	Title of Experiment
1	Implementation of different graphics primitives for drawing shapes
2	Study of different graphical devices and its application

3	Implementation of 2D transformation
4	Implementation of 3D transformation
5	Creating Simple Dimensional Shapes
6	Creating Text and Fonts
7	Implementation of flood fill algorithm.
8	Study of Bezier curve and its properties
9	Introduction to OpenGL and GLUT.
10	Implementation of moving object and study of multimedia technique

Network & Internet Technology Lab

Sem-II

Course :Computer Networks (SY)

Exp. No.	Title of Experiment
1	Demonstrate topologies of Computer Networks along with its types.
2	Configure and organize networking control devices.
3	Design Network cross-wired cable using crimping tool.
4	Design Network straight through cable using crimping tool.
5	Make use of Network configuration and troubleshooting commands.
6	Design a LAN by Configuring Host IP, Subnet Mask and Default Gateway of System.
7	Implementation of Dijkstra's Shortest Path Routing algorithm.
8	Implementation of a file transfer application using TCP Socket program
9	Implementation of a file transfer application using UDP Socket program
10	Develop FTP Configuration for transfer files between systems in LAN.
11	Install Print server in a LAN and share the printer in a network.
12	Installation of network analyzer tool (Wireshark).
13	Make use of packer tracer tool for analyze network
14	Case study: To study network of any organization and submit report.

Course : Web Technology-II (BE)

Sr. No.	TITLE OF THE EXPERIMENT
1	Create registration form using different server controls.
2	Accepting and validating user entered data in registration form using ASP.NET
3	Write a program to manage session in ASP.Net.
4	Reading and writing HTML contents with JQuery.
5	Write a sample application to demonstrate AJAX.
6	Display database contents from SQL server or Oracle database using SQL Command class from ASP.NET.
7	Display parameterized data using SQL DataReader and GridView in ASP.NET
8	Database access using DataSet in ASP.NET
REVIEW I	
9	Installing Apache and PHP on Linux, Configuring PHP at Build Time on Linux. Or Installation of XAMPP.
10	Hello world Program-Embedded HTML with PHP.
11	Program based on PHP variables, Expression, arrays, control structure.
12	Experiment Based on OOP and Advance OOP PHP.
13	Form validation using PHP using regular expressions.
14	Upload various types of file from client side to server with validation.
15	Write a program to send Mail using PHP.
16	Insert user entered data in form to MySQL database using PHP.
17	Update user's data stored in MySQL database using PHP.
18	Write a program to manage session in PHP having login facility in any web application.

Course : **Compiler Construction** (TE)

Expt. No.	Title of Experiment
1	Study of flex and bison tools.
2	Program using LEX to count the number of characters, words, spaces and lines in a given input file.
3	Program using LEX to count the numbers of comment lines in a given C program. Also eliminate them and copy the resulting program into separate file.
4	Program using LEX to recognize a valid arithmetic expression and to recognize the identifiers and operators present. Print them separately.
5	Program using LEX to recognize whether a given sentence is simple or compound.
6	YACC program to recognize a valid arithmetic expression that uses operators +, -, * and /.
7	YACC program to recognize strings 'aaab', 'abbb', 'ab' and 'a' using the grammar (anbn, n >= 0).
8	Write a program to parse source code strings of C-language and identify tokens in terms of keywords and identifiers.
9	Convert infix notation into postfix notation using YACC programming
10	Implement any phase of compiler.

Research Lab

Sem-II

Course : Programming Lab-IV (TE)

Expt. No	Title
01	Introduction to .NET Architecture
02	Demonstrate C# Basic Types, Variables, Operators
03	Make use of OOPS concepts in like Class, Objects and Types.
04	Implement the concept of inheritance and interface
05	Implementation of Multidimensional & Jagged array
06	Implementation of Operator overloading

	Review I
07	String manipulation using String & String builder
08	Implement concept of Exception Handling
09	Implement concept of Threading
10	Implement concept of I/O files.
11	Implement ADO.NET connectivity
	Review II

Course : Web Technology-II (BE)

Sr. No.	TITLE OF THE EXPERIMENT
1	Create registration form using different server controls.
2	Accepting and validating user entered data in registration form using ASP.NET
3	Write a program to manage session in ASP.Net.
4	Reading and writing HTML contents with JQuery.
5	Write a sample application to demonstrate AJAX.
6	Display database contents from SQL server or Oracle database using SQL Command class from ASP.NET.
7	Display parameterized data using SQL DataReader and GridView in ASP.NET
8	Database access using DataSet in ASP.NET
REVIEW I	
9	Installing Apache and PHP on Linux, Configuring PHP at Build Time on Linux. Or Installation of XAMPP.
10	Hello world Program-Embedded HTML with PHP.
11	Program based on PHP variables, Expression, arrays, control structure.
12	Experiment Based on OOP and Advance OOP PHP.
13	Form validation using PHP using regular expressions.

14	Upload various types of file from client side to server with validation.
15	Write a program to send Mail using PHP.
16	Insert user entered data in form to MySQL database using PHP.
17	Update user's data stored in MySQL database using PHP.
18	Write a program to manage session in PHP having login facility in any web application.

HP Vertica & OSTU Lab

Sem-II

Course : Data Analytics (BE)

Exp No.	Title of Experiment
1.	Introduction
2.	Installation of Hadoop and R.
3.	Building Hadoop MapReduce application for counting frequency of word/phrase in simple text file.
4.	Study of Hadoop YARN Administration command and User commands.
5.	Study of Hadoop Hive DDL commands, like create database, Viewing database, Dropping database, Altering database, creating tables, Dropping and altering tables.
6.	Revision-I
7.	Study of Hadoop Hive DML commands like Insert, delete, update, data retrieval queries and Join-inner and outer.
8.	Working with operators in Pig- FOREACH, ASSERT, FILTER, GROUP, ORDER BY, DISTINCT, JOIN, LIMIT, SAMPE, SPLIT, FLATIEN.
9.	Study of R-declaring variables, expressions, functions and executing R script.
10.	Working with R with data sets- create, read, write and R Tables- create, read, write.

11.	Manipulating and processing data in R- merging datasets, sorting data, putting data into shape, managing data using matrices managing data using data frames.
12.	Revision-II

Electrical Engineering

Measurements and Instrumentation Lab.			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
1	LVDT	To Measure the unknown distance by using LVDT	ADCET/EE/IT/005
2	RTD	Temperature measurement by using RTD PT100	ADCET/EE/IT/003
3	Energy Meter	Calibration of single phase induction type energy meter	ADCET/EE/EM/50
4	CRO	Measurement of voltage, current, time period and frequency using CRO & frequency measurement by lissajous pattern	ADCET/EE/EM/141-144
5	Power Measurement	Active and reactive power measurement by using two wattmeter method	ADCET/EE/EM/56-65 ADCET/EE/EM/81-90 ADCET/EE/EM/101-106
6	Strain Gauge	Measurement of unknown weight by using Strain Gauge	ADCET/EE/IT/14
High Voltage Engineering Lab			
1	Transformer Oil test kit	To determine breakdown voltage of transformer oil	ADCET/EE/HV/11-12/01

2	0-5KV High Voltage Tester	5kV insulation test	ADCET/EE/HV/11-12/02
3	62.5mm sphere gap With Micrometer Scale & water resistor	Measurement of breakdown voltage of air using sphere gap assembly	
4	Electrolytic Tank With Electrodes & Control panel	Field Mapping using Electrolytic tank method	ADCET/EE/HV/11-12/05
5	150KV,225 Joules, 5 Stages Impulse Generator With	Study of impulse generator and to measure wave shape of impulse wave.	ADCET/EE/HV/11-12/06
6.	50 kV AC & 70 kV DC test set with Control Panel	Measurement of breakdown voltage of insulator	ADCET/EE/HV/11-12/04
Computer Lab. I			
1	PC, MATLAB, ETAP, LabView	Matrix Manipulation , Signal Manipulation & Plotting of Continuous and Discrete signals in MATLAB	ADCET/EE/COMP/41-60
2		Programming of Newton Raphson method to solve nonlinear equations using MATLAB Programming	
3		Simulation of Single Phase Transformer and evaluation of system performance	
4		Simulation and Analysis of AC-DC Converter (Rectifier) Using MATLAB	
5		Study of Logic Gates using LABVIEW	
6		Design of Single Line Diagram using AutoCAD	
7		Design of distribution transformer core using AutoCAD.	

8		Design of DC Motor armature using AutoCAD	
9		Design of Control Panel using AutoCAD	
10		Short Circuit Analysis of Transformer by using ETAP	
Computer Lab. II			
1	PC, MATLAB Software	To solve non-linear (Differential) equations	ADCET/EE/COMP II/13-14/1-20
2		To solve numerical on dynamics of synchronous machine	
3		To solve numerical on multi machines power system	
4		To study methods of improving power system stability.	
5		To understand the power angle curve of SMIB system under transient instabilities	
6		To understand the natural response of the rotor angle and frequency of SMIB system under small disturbance.	
7	PC, MATLAB Software	To understand the application of equal area criteria to a critically cleared system.	ADCET/EE/COMP II/13-14/1-20
8		To understand the step response of automatic load frequency control (ALFC) system.	
9		To understand the step response of the automatic voltage regulator (AVR) of a generator.	

10		To find the optimal dispatch and the total cost in Rs/h of three thermal plants by neglecting line losses and generator limits.	
Computer Lab. III			
1	PC,AutoCAD 2004 software	Drawing Sheet on various parts of Electrical Machines	ADCET/EE/PRO./01--- 10, ADCET/EE/PRO./13- 14/16-20
2		Drawing Different types of core by using AutoCAD	
3		*Design Small Transformer by using MS Excel sheet	
4		Details and layout of AC winding with design report using Auto-CAD	
5		Details and layout of AC winding with design report using Auto-CAD	
6		Complete layout on core type Three Phase Transformer using Auto-CAD	
7		Repeat the above Practical	
8		Details and Complete Layout of D.C Machines using Auto-CAD	
9		Repeat the above Practical	
10		Design of Three Phase Induction Motor by using AutoCAD	
11		Repeat the above Practical	

12		Drawing sheet on stator and rotor Laminations	
13		Report based on Industrial visit to a manufacturing unit. (Transformer or Induction motor)	

Electrical Machine Lab			
1	3 Phase IM # DC Shunt Generator	1) Determination of Efficiency & Speed Regulation of 3 Ph.SCIM by Direct loading Method	ADCET/EE/MC/0100
2	3 Phase Slip Ring IM # DC Shunt Generator	1) Speed Control of 3 Ph. Slip Ring IM by Using Stator Voltage Control	ADCET/EE/MC/0100
3	3 Phase Induction Motor	1) Speed Control of 3 Ph. SCIM by Using Stator Voltage Control 2) Determination of Equivalent Circuit Parameter of 3 Ph.SCIM by Conducting No Load & Blocked Rotor Test	ADCET/EE/MC/0105
4	Universal Motor		ADCET/EE/MC/0104
5	Single Phase IM	1) Determination of Efficiency & Speed Regulation of 1Ph. IM by Direct loading Method	ADCET/EE/MC/0104
6	Three Phase Transformer	1) Load Test on Three	ADCET/EE/MC/0015,16,17

		Phase Transformer	
7	Single Phase Transformer	1) Load Test on Single Phase Transformer 2) Performance Open Circuit And Short Circuit Test on Single Phase Transformer	ADCET/EE/MC/0012,13,14
8	DC Compound Motor # DC Compound Generator		ADCET/EE/MC/0103
9	DC Shunt Motor	1) Speed Control of DC Shunt Motor by Armature Voltage Control / Rheostat Control & Flux Control	ADCET/EE/MC/0007
10	DC Shunt Motor # Compound Shunt Generator	1) Load Test on DC Shunt Motor	ADCET/EE/MC/0097 01-02
11	DC Shunt Motor # DC Shunt Generator	1) Determination of OCC Characteristics of DC Generator. 2) Swinburn Test	ADCET/EE/MC/0097 01-02
12	Three Phase Synchronous Motor # DC Shunt Generator	1) Determination of V & Inverted V Curve of Synchronous Motor.	ADCET/EE/MC/0099
13	DC Shunt Motor # Three Phase Alternator	1) Determination of Voltage Regulation of an Alternator by EMF Method. 2) Determination of Voltage Regulation of an Alternator by Direct Loading Method	ADCET/EE/MC/0098
14	Synchronizing Panel		ADCET/EE/MC/0081
Power electronics and Electrical Drives Lab			
1	DC Drive Trainer Kit	Microcontroller Based DC Drive Trainer	ADCET/EE/IDC/15

2	Chopper Motor Controller Kit	Chopper Controller Using MOSFET/IGBT	ADCET/EE/IDC/009 ADCET/EE/IDC/009
3	V/F Scheme	Three Phase IM Controller(V/F) Scheme Using IGBT	ADCET/EE/IDC/013
4	SPR Scheme	Three Phase IM Speed Control by SPR Scheme	ADCET/EE/IDC/004
5	Rectifier fed DC Drive	Three Phase Controlled Rectifier Fed DC Drive	ADCET/EE/PE/014
6	Chopper Control	Chopper Control of DC Series Motor	ADCET/EE/IDC/007
Control System Lab.			
1	Digital Control System-Simulation Kit	---	Adcet/Ee/Cs/01
2	Analog Simulation Kit To Study The Effect Of Compensation Lead & Lag Network Circuit Boards	--	Adcet/Ee/Cs/02- 1 Adcet/Ee/Cs/02- 2
3	Pid Controller Microprocessor Based Temp. Controller	To Perform Temperature Control Using Pid Controller	Adcet/Ee/Cs/03- 1 Adcet/Ee/Cs/03- 2
4	Bode Plot Trainer	To Perform Analysis Of System In Frequency Domain.	Adcet/Ee/Cs/04
5	Adc/Dac Interface For Pc With Serial Communication	Adc/ Dac Interfacing With 8085	Adcet/Ee/Cs/05
6	Closed Loop Control System Trainer Kit		Adcet/Ee/Cs/06
7	Stepper Motor Controller Stepper Motor Demonstration Unit Stepper Motor With Angular Displacement	To Perform Position Control Using Stepper Motor.	Adcet/Ee/Cs/07- 1 Adcet/Ee/Cs/07- 2
8	A)Lead Network B) Lag Network	To Perform Design Of Lead Compensator And Lag	Adcet/Ee/Cs/08- 1 Adcet/Ee/Cs/08- 2

		Compensator	
9	Linear System Simulator		Adcet/Ee/Cs/09
10	D.C.Voltage Regulator As A Closed Loop System A) Power Supply Unit With Dvm B) D.C.Voltage Regulator		Adcet/Ee/Cs/10- 1 Adcet/Ee/Cs/10- 2
11	Control Engg. Tutor		Adcet/Ee/Cs/11
12	Pid Control Of D.C. Motor A)D.C.Motor Speed Controller B)D.C.Servomotor With Break Load Arrangement	To Perform Speed Control Of Dc Motor Using Pid Controller.	Adcet/Ee/Cs/12-1 Adcet/Ee/Cs/12-2
13	Pid Simulator		Adcet/Ee/Cs/13
14	D.C. Position Control System	To Perform Position Control Of Dc Motor.	Adcet/Ee/Cs/14
Power System Lab			
1	Electromechanical overcurrent relay unit	Study and plot different characteristics of Electromechanical based over current relay	ADCET/EE/SWP/2011-12/1
2	Secondary current injection unit for over current relay unit	Study and plot different characteristics of Electromechanical based over current relay	ADCET/EE/SWP/2011-12/2
3	Microprocessor based over current relay unit	Study and plot different characteristics of microprocessor based over current relay	ADCET/EE/SWP/2011-12/3
4	Secondary current injection unit for over current relay	Study and plot different characteristics of microprocessor based over	ADCET/EE/SWP/2011-12/4

		current relay	
5	Electromechanical over voltage relay unit	Study and plot PSM vs Operating time characteristics of Electromechanical Overvoltage t relay	ADCET/EE/SWP/2011-12/5
6	Universal relay test kit	Study of unrestricted earth fault relay	ADCET/EE/SWP/2011-12/6
7	Microprocessor based over voltage & under voltage relay	Determine the microprocessor based over voltage relay characteristics Determine the microprocessor based undervoltage relay characteristics	ADCET/EE SWP/2011-12/7
8	Over voltage/under voltage relay test kit	Determine the microprocessor based over voltage relay characteristics Determine the microprocessor based undervoltage relay characteristics	ADCET/EE/SWP/2011-12/8
9	Microprocessor based impedance relay unit	Study and plot the characteristics of impedance relay	ADCET/EE/SWP/2011-12/09
10	Impedance relay test kit	Study and plot the characteristics of impedance relay	ADCET/EE/SWP/2011-12/10
11	Transmission line trainer kit unit	A) Ferranti effect B) Determination of Voltage regulation and efficiency of transmission line C) Demonstration of voltage regulation and power factor improvement	ADCET/EE/SWP/2011-12/11
12	Demo Panel of circuit breaker unit	Demonstration of LT side Circuit breaker operation	ADCET/EE/SWP/2011-12/12
13	Demo Panel of Relays & circuit breaker unit	Demonstration of Circuit breaker operation	ADCET/EE/SWP/2011-12/13

14	Power world software	Determination of Power flows Determination of parameters under fault condition	ADCET/EE/SWP/2011-12/14
Project Lab			
1	Three Phase Power Analyzer	Measurement of Voltage, Current, Harmonics etc	ADCET/05-06/22/ISD
Basic Electrical Engineering Lab			
1	RLC	Analysis of Series RLC Circuit	ADCET/EE/BEE/09 (9-11) (2013-14)
2	B-H Curve	To plot B-H Curve of Magnetic material	ADCET/EE/BEE/52 (52-54) (2013-14)
3	RLC	Analysis of Series RLC Circuit	ADCET/EE/BEE/88 (88-90) (2014-15)
4	B-H Curve	To plot B-H Curve of Magnetic material	ADCET/EE/BEE/91 (91-93) (2014-15)

Civil Engineering

List of Experimental Setup in Civil Laboratories

1) Engineering Geology

Sr. No.	Title of Experiment
1	Introduction, Objectives & outcomes of laboratory work.
2	Study of geological maps a)Single horizontal series,
3	Study of geological maps b)Single inclined series
4	Study of geological maps c)One horizontal and one inclined series
5	Study of geological maps d)Both series are inclined with sill
6	Study of geological maps e) Both series are inclined with dyke
7	Megascope study of Rock forming minerals
8	Megascope study of Ore forming minerals
9	Megascope study of Igneous rocks
10	Megascope study of Secondary rocks
11	Megascope study of Metamorphic rocks

12	Study tour to the places of Engineering Geological importance
----	---------------------------------------------------------------

2) Engineering Mechanics

List of Experiments	
Sr. No.	Title of Experiments
1	To verify law of polygon of forces using force table
2	To verify lami's theorem using force table
3	To verify law of moments by Bell crank lever
4	To calculate support reactions of beam
5	To compute centroid of plain lamina
6	To calculate coefficient of friction of different material surfaces
7	To find support reactions of a beam by graphical method
8	Assignments based on each unit

3) Transportation Engineering lab

Sr. No.	Title of Experiment
1	Impact Test on Aggregate
2	Abrasion Test on Aggregate
3	Crushing Test of Aggregate
4	Penetration Test on Bitumen
5	Softening Point Test on Bitumen
6	Flash and Fire point Test on Bitumen
7	Ductility Test on Bitumen
8	Velocity Test on Bitumen
9	Stripping Value Test
10	Flakiness and Elongation Index of Aggregate

4) Surveying

5) Material Testing Lab

Sr. No.	Title of Experiment
1	To determine Constants of Tacheometer.
2	To determine linear distance and elevation by Fixed Hair Method of Tacheometer
3	To determine area of polygon by Tacheometer
4	To determine gradient of line by Tacheometer.
5	To Setting Out Simple Curve by any one method of Survey (namely, Deflection Angle Method or Rankine's Method).
6	To Setting out transition curve
7	To determination of Reduced level by using Total station.
8	To Study GPS.
Project 1	Road project – at least 500m /cannel alignment of at least 1km by total station
Project 2	Radial contouring by using total station
Sr. No.	Title of Experiment
1	Study of Universal Testing Machine
2	Tensile Test on Mild Steel and TMT Steel
3	Compression Test on MS and C.I., Cement Bricks or Paving Blocks
4	Compression Test on Timber
5	Direct Shear Test on MS
6	Charpy or Izod Impact Test on Different Metals
7	Bending Test on MS Bar and Timber
8	Water Absorption and Compression Test on Burnt Bricks
9	Hardness Test on Metals
10	Torsion Test on Mild Steel

6) Fluid Mechanics Lab

Sr. No.	Title of Experiment
1	Study of Pressure Measuring Device
2	Calibration of Measuring Tank
3	Measurement of Discharge
4	Determination of Metacentric Height of Floating Bodies
5	Calibration of Venturimeter
6	Verification of Bernoulli's Theorem
7	Calibration of Orificemeter
8	Determination of Hydraulic Co-efficient of orifice.
9	Reynold's Experiment
10	Determination of Friction factor for given pipe
11	Determination of minor losses in a given pipe
12	Study of Moody's chart.

7) Environmental Engg. Lab

Sr. No.	Title of Experiment
1	Determination of pH of water
2	Determination of Acidity of Water
3	Determination of Alkalinity of Water
4	Determination of Chloride content of water
5	Determination of Hardness of Water
6	Determination of Turbidity of Water
7	Determination of Residual Chlorine in Water
8	Determination of Total Dissolved Solids
9	Determination of Dissolved Oxygen of Water
10	Determination of Most Probable Number of Water
11	Determination of Optimum Dose of Alum by Jar Test
12	Determination of BOD of Wastewater
13	Determination of COD of Wastewater

8) Geotechnical Engg. Lab

Sr. No.	Title of Experiment
1	Specific Gravity Determination by Pycnometer / density Bottle
2	Particle Size Distribution –Mechanical Sieve Analysis, Wet Sieve Analysis
3	Determination of Consistency Limits And Its use in soil Classification
4	Field Density Test by Core cutter , Sand Replacement Method
5	Determination of Co-efficient of Permeability by Constant Head and by Variable Head Method
6	Standard Proctor Test / Modified Proctor test
7	Direct Shear Test
8	Unconfined Compression Test
9	Triaxial Test
10	One Dimensional Consolidation Test

9) Concrete Technology Lab

Sr. No.	Title of Experiment
01	Standard Consistency test on cement.
02	Fineness test on cement
03	Soundness test on cement
04	Initial and final setting time of cement
05	Compressive strength on cement

06	Particle size distribution of fine and coarse aggregate
07	Determination of specific gravity of fine aggregates
08	Specific gravity and water absorption of coarse aggregates
09	To determine flakiness and elongation index of coarse aggregates
10	Workability of fresh concrete by slump cone
11	Compaction factor test on fresh concrete
12	Workability of fresh concrete by using Vee Bee Consistometer
13	Compressive strength on concrete

10) Basic Civil Engineering.

Sr. No.	Title of Experiment
1.	Plotting the outline of building by chaining, ranging and offsetting.
2.	Traversing by Compass.
3.	Determination of reduced levels for different points by HI method.
4.	Determination of reduced levels by rise and fall method.
5.	Measurement of area of irregular figure by mechanical and digital planimeter.
6.	Study of total station and Linear measurement.
7.	Angular measurement by using total station.
8.	Measurement of area by using total station.
9.	Visit to construction site and draw various building components.
10.	Draw a line plan of residential building by applying principles of planning.



Basic Science Department**LAB SETUP EQUIPMENTS AND EXPERIMENTS**

Applied Physics Lab.			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
1	Spectrometer	Use of 'plane diffraction grating' for determination of wavelength.	ADCET/PHY/SPECTRO-01./99-00/P-02/09 ADCET/PHY/SPECTRO-1-2./99-00/P-03/03
2	Spectrometer	Determination of resolving power of grating.	ADCET/PHY/SPECTRO-01./99-00/P-02/09 ADCET/PHY/SPECTRO-1-2./99-00/P-03/03
3	Polarimeter With One Glass Tube With Lorentz Half Shade	Use of 'Laurent's half shade polarimeter' to calculate specific rotation.	ADCET/PHY/PM/1-3/2009-10/P-9/13
4	Kund's Tube Set-up (with amplifier & frequency generator)	Determination of velocity of sound by using 'Kundt's tube'.	ADCET/PHY/K.T./01-02/2017-18/P-16/05
6	Laser source-2MW He-Ne Laser	Calculation of divergence of Laser beam.	ADCET/PHY/LS/1-10/2013-14/P-11/09
7	Laser beam	Determination of wavelength of Laser beam using plane diffraction grating.	ADCET/PHY/LD/1-2/2009-10/P-8/03
8	Inverse square Law Kit	Verification of 'Inverse square law'.	ADCET/PHY/IS/1-5/2009-10/P-8/06
9	Four Probe Method (Energy Band Gap) Kit	Measurement of 'band gap energy' of semiconductor.	ADCET/PHY/B.G.E./1-7/2013-14/P-12/17
10	Crystal models for Symmetry elements of cube Crystal Model Related to Miller Indices	Study of 'Fourteen Bravais Lattices'.	ADCET/PHY/S.C.M./1-10/2013-14/P-12/19 ADCET/PHY/M.C.M./1-10/2013-14/P-12/20

LAB SETUP EQUIPMENTS AND EXPERIMENTS

Professional Communication-Language Laboratory			
Sr. No.	Equipment Setup Name	Experiment Name	Dead stock Number
1	Language Lab Session I	Language Lab Software (ETNL)	(ADCET/09-10/ETNL SOFT/BS)
2	Language Lab Session II	Language Lab Software (SANAKO)	(ADCET/13-14/SANAKO SOFT/BS)

06	Estimation of total phenol content.
07	Estimation of Calcium.
08	Estimation of Tannins from food.
09	Determination of Food Colours.
10	Determination of Texture of different food group.
11	Project-1 Development of Fortified baby foods.
12	Project-2 Effect of food colour on dairy product.

Minimum 8 experiments from above list and 1 course project.

Class:-SY BTech (Sem-IV)List of ExperimentsSubject:- Fluid Mechanics Lab.

Sr.No.	Name of the Experiments
01	Study of Centrifugal Pump.
02	Verification of Bernoulli's Theorem.
03	Calibration of Venturimeter.
04	Calibration of Orificemeter.
05	Determination of Hydraulic Coefficients of Orifice.
06	Calibration of Measuring Tank.
07	Study and demonstration of Pressure Measuring Devices.
08	To study the Properties of Newtonian and Non-Newtonian fluids.
09	Reynold's Experiment.
10	Flow through spiral coils.
11	Project:1-Model on the hydraulic lift experiment.
12	Project:2- Model on centrifugal pump.

Minimum 8 experiments from above list and 1 course project.



SantDyaneshwarShikshanSanstha's

Annasaheb Dange College of Engineering and Technology, Ashta
DEPARTMENT OF FOOD TECHNOLOGY

Academic Year: 2021-2022 , Semester-V & VI

Class:-TY BTech (Sem-V)List of ExperimentsSubject:- Nutrition Laboratory.

Sr.No.	Name of the Experiments
01	Determination of protein content from grains.
02	Estimation of starch by Anthrone reagent method.
03	Determination of crude fiber content from raw material.
04	Estimation of vitamin-A.
05	Measurement of BMI.
06	Measurement of calorific value using bomb calorimeter.
07	Estimation of Lycopene from vegetables.
08	Estimation of Ascorbic acid in fruit juices using dye method.
09	Analysis of nutritional quality of food.
10	Preparation of functional food.
11	Project-1: Food products development for lactating women.
12	Project-2: Preparation of iron and calcium rich staple food.

Minimum 8 experiments from above list and 1 course project.

Class:-TY BTech (Sem-V)List of ExperimentsSubject:-Processing of Fruits & Vegetables Lab.

Sr.No.	Name of the Experiments
01	Primary processing of selected fruits and vegetables.
02	Estimation of adequacy of blanching.
03	Canning of fruits and vegetables.
04	Determination of TSS and Viscosity of fruit jam.
05	Determination of TSS of RTS beverage.
06	To analyze quality of fruit squash.
07	Determination of acidity of tomato ketchup.
08	Determination of moisture content of fruit leather.
09	To analyze sensory analysis banana /potato wafers at different time-temperature Combination.
10	To analyze quality of dehydrated tomato powder.
11	Project-1: Dehydration of grapes.
12	Project-2: To analyze quality of dehydrated powder of any vegetable.

Minimum 8 experiments from above list and 1 course project.

Class:-TY BTech (Sem-V)List of ExperimentsSubject:- Food Additives &Ingredients Lab.

Sr.No.	Name of the Experiments
01	Evaluation of GRAS aspect of food additives.
02	Determination of diacetyl content in dairy products.
03	Study of effect of acidulates in fruit juices.
04	Study of effect of stabilizers/thickeners on quality of foods.
05	Role of leaving agent in baked food product.
06	Role and mode of action of antioxidant in food products.
07	Determination of total chlorophyll by Spectrophotometric method.
08	Identification of food colors by TLC.
09	Qualitative tests for presence of benzoic acid in foods.
10	Study of effect of clarifying agents on the fruit juices.
11	Project-1: Preparation of dairy products.
12	Project-2: Preparation of value added fruit products.

Minimum 8 experiments from above list and 1 course project.

Class:-TY BTech (Sem-V)List of ExperimentsSubject:-Processing of milkand milk products lab.

Sr.No.	Name of the Experiments
01	Sampling of milk and milk production.
02	Study of milk testing by methylene blue reduction test.
03	Determination of fat content of milk.
04	Detection of adulterants in milks.
05	Determination of P ^H of butter.
06	Study on sensory evaluation of ice-cream.
07	Determination of acidity of fermented milk products.(Shrikhand)
08	Determination of moisture content of khoa.
09	Study on ash content in channa based sweet.(Rasogulla)
10	Determination of protein content in paneer.
11	Project-1: Waste utilization of milk whey.
12	Project-2: Visit to Dairy plant.

Minimum 8 experiments from above list and 1 course project.

Class:-TY BTech (Sem-VI)List of ExperimentsSubject:- Processing of Cereals, Pulses & Oilseeds Lab.

Sr.No.	Name of the Experiments
01	Physiochemical properties of grains and flours.
02	Determination of Gluten content.
03	Preparation of Bread/ cookies/cake.
04	Determination of Starch content of cereal.
05	Puffing of Legumes.
06	Cooking quality of dhal.
07	Anti-Nutritional factors from legumes.
08	Extraction of oil from oil seeds.
09	Measurement of Physico-chemical properties of oils.
10	Preparation of peanut butter.
11	Project-1: To check the quality parameters of bakery products.
12	Project-2: Development of nutritional bar.

Minimum 8 experiments from above list and 1 course project.

Class:-TY BTech (Sem-VI)List of ExperimentsSubject:-Processing of Meat, Fish & Poultry Lab.

Sr.No.	Name of the Experiments
01	Slaughtering and dressing of poultry.
02	Determination of water holding capacity of meat.
03	Determination of Meat PH.
04	Determination of Metmyoglobin content of meat.
05	Determination of Microbial count of meat products.
06	Determination of Tenderization of meat.
07	Composition and Structure of egg.
08	Determination of egg quality by Haugh unit.
09	Preparation of Fish pickle.
10	Study of anatomy and dressing of fish.
11	Project-1: Quality evaluation of dried fish.
12	Project-2: Quantitative analysis of fat content in meat.

Minimum 8 experiments from above list and 1 course project.

Food Technology

Class:-TY BTech (Sem-VI)List of ExperimentsSubject:-Bakery & Confectionary Lab.

Sr.No.	Name of the Experiments
---------------	--------------------------------

01	Determination of gluten content of wheat.
02	Determination of falling number.
03	Determination of dough rising capacity.
04	To determine fat percentage and moisture content of biscuit.
05	To analyze carbohydrate percentage and sensory parameters of sponge cake.
06	Determination of Protein content of bread.
07	Determination total sugar content of high boiled sweets.
08	Rheological Testing (Farinograph,Mixograph,Extensiograph,Alveograph,Amylograph)
09	Production of invert sugar.
10	Determination of Moisture content of toffee.
11	Project-1: Making of bread by using rice flour.
12	Project-2: To analyze quality of lozenge.

Minimum 8 experiments from above list and 1 course project.

10.15 Computing Facility

Sr. No.	Name of Facilities	Qty
1	Internet Bandwidth	500 Mbps ISP Gazonindia ltd.
2	Configuration of System	906
		Dell Optiplex 3020 (i5)
		Dell Optiplex 380 (C2D)
		Dell Optiplex 390 (i3)
		Dell Optiplex 390 (C2D)
		Dell Optiplex 3010 (DC)
		Dell Optiplex 3020 (i3)
		Dell Optiplex 3020 (DC)
		Dell Optiplex 3040 (i3)
		Dell Optiplex 3020 (DC)
		Dell Optiplex 3050 (i3)
		Dell T110 / 710 Server
		Dell Server T 20
		Dell Server Workstation
Dell Server T 410		
HP Server ProLiant DL60		
3	Total number of system connected by LAN	906

4	Total number of system connected by WAN	700
5	Major software packages available	Yes
6	Special Purpose facilities available	Yes

10.15 List of Available Facility

- Culture Activities : Annual Gathering - SNHA, Traditional Days etc
- Games Sports Activities : We conduct the Indoor and Outdoor Games for the students

List of outdoor games

1. Cricket Foot ball Volley ball Kabaddi kho kho Athletics Malkham

List of indoor games in Sports Hall

Table Tennis , Carrom, Chess, badminton, singing, yoga, dance, music learning

- Magazine / News Papers : We provide the facility of Magazine / News Papers to the students

Magazine : India Today, CSR, University News, Electronics For You, Digit etc

New Paers : Times of India, Indian Exprees, Pudhari, Sakal, Lomat, Lokastta, Tarun Bharat etc.

- Technical Activities / Tech Fest :

1. Inviting experts, consultants for special training programs like advanced developments, Research work as a part of technical knowledge.
2. Conducting semester wise training programs towards Aptitude Test, Group Discussion, Mock Interviews & J.A.M. (just a minute test) sessions.
3. Conducting GATE offline Test for final & pre-final Students.
4. Use of GATE Solution software for different branches.

- Industrial Visits / Tours : 1. We are arranging branch wise 4 industrial visits per year of every class.
2. In Plant Training: We are arranging vocational in plant industrial training to every student within 4 years curriculum. The duration of the training is 2 weeks to 4 weeks.
- Alumni activities : We conduct the alumni meet

- Medical Facility : We provide the medical facility and counseling to the students through 'Dhanvantri Rughalaya'. The facility provided include,

1. A physician and counseling room
2. First Aid facility
3. Medical Check-up
4. Ambulance Service
5. Emergency hospitalization service

10.15.2 Student Extra Curricular Activities

- 1) Teachers day programme
- 2) Freshers welcome programme
- 3) Engineers day programme
- 4) Yoga center Activity
- 5) Annual Gathering – SNEHA
- 6) Best outgoing student activity
- 7) Alumni meet activity
- 8) Students associations of each department
- 9) Student council activity

National day celebration

- 1) Independence day programme – 15th August
- 2) Republic day - 26th January

10.15.3 Soft Skill Development Facilities

2. In Plant Training: We are arranging vocational in plant industrial training to every student within 4 years curriculum. The duration of the training is 2 weeks to 4 weeks.
3. Industrial Visits: We are arranging branch wise 4 industrial visits per year of every class.
4. Different Training programs for students in college campus:
5. We are conducting semester wise training program towards Personality Development of the students.
6. Inviting experts, consultants for special training programs like advanced developments, Research work as a part of technical knowledge.
7. Conducting semester wise training programs towards Aptitude Test, Group Discussion, Mock Interviews & J.A.M. (just a minute test) sessions.
8. Conducting GATE offline Test for final & pre-final Students.
9. Use of GATE Solution software for different branches.

10.15 Teaching & Learning Process : All Details are available online

10.16 Enrollment and placement details of students in the last three year

Year	Discipline	Enrollment of Students	Total no. of students placed
2019-20	Mechanical Engineering	225	183
	Electronics and Telecommunication	68	--
	Computer Science & Engineering	76	48
	Electrical Engineering	128	82
	Civil Engineering	70	20
	Aeronautical Engineering	77	46
	Automobile Engineering	53	
	Foot Technology	--	--
2020-21	Mechanical Engineering	289	111
	Computer Science & Engineering	72	74
	Electrical Engineering	160	86
	Civil Engineering	88	13
	Aeronautical Engineering	65	43
	Automobile Engineering	56	--
	Foot Technology	--	--
2021-22	Mechanical Engineering	308	120
	Computer Science & Engineering	69	123
	Electrical Engineering	146	61
	Civil Engineering	67	29
	Aeronautical Engineering	72	23
	Automobile Engineering	53	
	Foot Technology	--	--
	Artificial Intelligence & Data Science	--	--
	Computer Science and Engineering (Internet of Things & Cyber Security including Block Chain Technology)	--	--

17. List of Research Projects/ Consultancy Works

17.1 Number of Projects carried out, funding Agency, Grant received

List of projects sanctioned Under Research Initiation Scheme

Sr. No	Name of PI	Department	Title of project	funding Agency	Amount
1	Prashant Basavaraj Bhagawati,	Civil Engineering	Treatment of Municipal Waterwaste using electrochemical techniques	SERB INDIA	18,30,000/-
2	Pritam Arun Mali	Civil Engineering	Artificial Intelligent models for estimating evapotranspiration	Shivaji University Kolhapur	45000/-
3	Paresh M. Wadekar	Mechanical Engineering	Performance investigation of household refrigeration with latent thermal energy storage		75000/-
4	Dr. R. B. Patil		Development of hybrid reliability model for the analysis of manufacturing systems		28000/-
5	Vishal G. Salunkhe		Mathematical and Experimental studies of dynamic characteristics of rolling element bearing using dimensional analysis and support vector machines		80000/-
6	Ghanshyam M. Chenke		Study the effect of different water consumption pattern and pre-cooler on cooling rate of storage type water cooler		100000/-
7	Vijay R. Patil		A new approach for predicting the response of unbalanced rotor bearing systems with integrated model of dimensional analysis and soft computing tools		93000/-
8	Miss. A. R. Mali		Automobile Engineering		Fault diagnosis of rotor bearing system based on matrix method and soft computing method
9	Prasad V. Kengar		Investigation of heat transfer enhancement in microchannel condenser of automotive air conditioning system		120000/-
10	Rajesh M. Kamble	Computer Science & Engineering	A decentralized data deduplication block chain technology for secure cloud storage		65000/-
			Total amount in Rs		

List of projects sanctioned Under Research Initiation Scheme

Sr · No	Name of PI	Department	Title of project	funding Agency	Amount
1	Dr. Suyogkumar Vijay Taralkar	Food Technology	Selective Separation of Ursolic Acid from Herbal Extract Using Polymeric Hollow Fiber Membranes	SERB INDIA	1830000/-
2	Mr. R. R. Gaji	Mechanical Engineering	Numerical and experimental investigation of centrifugal pump performance under gas-liquid two phase flow condition	Shivaji University Kolhapur	105000/-
3	Mr. Kiran J. Burle	Mechanical Engineering	Online health monitoring system for impact induced filament wound glass Fibre\Epoxy composite tubes		105000/-
4	SuhelShabbirhusain Sayyad	Computer Science & Engineering	Design and development of parallel secured neural network learning		85000/-
5	Mr. A. R. Pradnyawant	Computer Science & Engineering	Diverse query operations in uncertain and probabilistic database		65000/-
6	Mr. Swapnil Patil	Electrical Engineering	An innovative TBSC-TBSR compensator for dynamics load		105000/-
7	Dr. I. M. Jamadar	Automobile Engineering	A new approach for the detection of the shaft		105000/-

			unbalance in rotors for the minimization of the premature bearing and machinery failure	
8	Mr. HivarekarShailendrakumarBr ahmadev	Civil Engineering	Electrolytic Defluoridation of Groundwater	105000/-
			Total amount in Rs	2505000/-

17.2 Publications

Institute Publication Data from January 2021 to till date

Sr. No.	Author Names	Title of Resaerch Article	Publication Details
1	Shinde, A.B., Owhal, A., Sharma, A., Ranjan, P., Roy, T., Balasubramaniam, R.	Comparative analysis of mechanical properties for mono and poly-crystalline copper under nanoindentation – Insights from molecular dynamics simulations	(2022) Materials Chemistry and Physics, 277, art. no. 125559, . 1) Patil, S.D., Kachare, R.A., Mulla, A.M., Patil, D.R.
2	Patil, S.D., Kachare, R.A., Mulla, A.M., Patil, D.R.	Performance up gradation of static VAR compensator with thyristor binary switched capacitor and reactor using model reference adaptive controller	(2022) Automatika, 63 (1), pp. 26-48.
3	Wadekar, P.M., Shinde, A.B., Patil, V.B., Kulkarni, P.D., Kengar, P.V., Jadhav, S.V.	Computational investigation of micro-channel heat sink with rectangular shape obstacles	(2021) Journal of Physics: Conference Series, 2070 (1), art. no. 012181, .
4	Mullya, S.A., Karthikeyan, G., Ganachari, V.S.	Electric discharge milling: a state-of-the-art review	(2021) Journal of the Brazilian Society of Mechanical Sciences and Engineering, 43 (9), art. no. 424, .
5	Kharade, J.M., Patil, A.A., Yadav, N.V., Kamble, B.D., Virbhadre, A.B.	Dual Battery Charger System for Electric Vehicle	(2021) Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems,

			ICESC 2021, pp. 157-161.
6	Honmane, S., Kadam, A., Choudhari, S., Patil, R., Ansari, S.A., Gaikwad, V.	Effect of polymers and process parameters in augmenting the compactability and dissolution behaviour of oxcarbazepine spherical agglomerates	(2021) Journal of Drug Delivery Science and Technology, 64, art. no. 102578, .
7	Tapase, A.B., Sayyed, S.S., Patil, N., Kadam, D., Shelar, A., Patil, R.P., Chandak, P.	Analytical and laboratory investigation on the use of rap and waste plastic for conservative planning of road construction raw materials	(2021) Journal of Testing and Evaluation, 51 (1), art. no. 44, .
8	Jamadar, N.M., Jadhav, H.T.	A review on braking control and optimization techniques for electric vehicle	(2021) Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 235 (9), pp. 2371-2382. Cited 2 times.
9	Pawar, S.D., Sharma, K.K., Sapate, S.G., Yadav, G.Y.	Segmentation of pectoral muscle from digital mammograms with depth-first search algorithm towards breast density classification	(2021) Biocybernetics and Biomedical Engineering, 41 (3), pp. 1224-1241.
10	Sreedhara, B.M., Patil, A.P., Pushparaj, J., Kuntoji, G., Naganna, S.R.	Application of gradient tree boosting regressor for the prediction of scour depth around bridge piers	(2021) Journal of Hydroinformatics, 23 (4), pp. 849-863.
11	Chandrasekaran, G., Singaram, G., Duraisamy, R., Ghodake, A.S., Ganesan, P.K.	Test scheduling and test time reduction for SoC by using enhanced firefly algorithm	(2021) Revue d'Intelligence Artificielle, 35 (3), pp. 265-271.
12	Kadam, S., Kabnure, B., Mhamane, D.	Computer-Aided Simulation of Railway Insert for Defect Analysis and Yield Improvement	(2021) Journal of The Institution of Engineers (India): Series C, 102 (3), pp. 651-656.
13	Bhagawati, P.B., Shivayogimath, C.B.	Electrochemical technique for paper mill effluent degradation using concentric aluminum tube electrodes (CATE)	(2021) Journal of Environmental Health Science and Engineering, 19 (1), pp. 553-564. Cited 1 time.
14	Adeogun, A.I., Bhagawati, P.B., Shivayogimath, C.B.	Pollutants removals and energy consumption in electrochemical cell for pulping processes wastewater treatment: Artificial neural network, response surface methodology and kinetic studies	(2021) Journal of Environmental Management, 281, art. no. 111897, . Cited 6 times.

15	Chandak, P.G., Tapase, A.B., Patil, R.P., Sayyed, S.S.	Design charts for black cotton subgrade soil in Karad Taluka: a case study	(2021) Innovative Infrastructure Solutions, 6 (1), art. no. 3, . Cited 1 time.
16	Patil, R.B., Kothavale, B.S., Waghmode, L.Y., Pecht, M.	Life cycle cost analysis of a computerized numerical control machine tool: a case study from Indian manufacturing industry	(2021) Journal of Quality in Maintenance Engineering, 27 (1), pp. 107-128.
17	Patil, O.D., Chandak, P.G., Tapase, A.B., Patil, R.P., Patil, N.E.	Critical pavement response analysis under overloading for design of low volume rural roads	(2021) Sustainable Civil Infrastructures, pp. 25-40.
18	Bagwan, S.U., Korachagaon, I.M., Mulla, A.M.	Fuzzy-Based Optimization of Static Var Compensator–Injected Harmonics and System Currents of an Unbalanced Distribution Network	(2021) Process Integration and Optimization for Sustainability, .
19	18) Kadier, A., Wang, J., Chandrasekhar, K., Abdesahian, P., Islam, M.A., Ghanbari, F., Bajpai, M., Katoch, S.S., Bhagawati, P.B., Li, H., Kalil, M.S., Hamid, A.A., Abu Hasan, H., Ma, P.-C.	Performance optimization of microbial electrolysis cell (MEC) for palm oil mill effluent (POME) wastewater treatment and sustainable Bio-H ₂ production using response surface methodology (RSM)	(2021) International Journal of Hydrogen Energy, .
20	Gopinath, S., Balakrishnan, P.	A PCA-NPOGBDT strategy-based protection scheme to differentiate between inverter and distribution line faults plus detection and identification of faulty section in microgrid	(2021) International Journal of Intelligent Systems, .
21	Shinde, A.B., Patil, A.V., Patil, V.B.	Enhance the mixing performance of water and ethanol at micro level using geometrical modifications	(2021) Materials Today: Proceedings, 46, pp. 460-470.
22	Pawar, R.S., Chavan, S.P., Limaye, S.H.	"design and development of raisin washing machine"	(2021) Materials Today: Proceedings, 46, pp. 572-577.
23	BhoreSumit, P., Waghmode, L.Y., Deshpande, A.A.	Process design for minimization of resultant cutting forces during the machining of heavy-duty piston	(2021) Materials Today: Proceedings, 46, pp. 492-502.
24	Mohite, S.S., Awati, M.M., Annigiri, S.	Experimental and FEA analysis of high-performance concrete column under biaxial loading	(2021) Materials Today: Proceedings, 46, pp. 451-459.
25	Ganachari, V., Chate, U.,	Simulation and experimental	(2021) Advances in

	Waghmode, L., Jadhav, P., Mullya, S., Prasad	investigation of performance characteristics of dry and near dry EDM process	Materials and Processing Technologies, .
26	Patil, S.D., Kachare, R.A., Mulla, A.M., Patil, D.R.	Performance enhancement of modified SVC as a thyristor binary switched capacitor and reactor banks by using different adaptive controllers	(2021) Journal of King Saud University - Engineering Sciences, . Cited 1 time.
27	Patil, M., Gawade, R., Potdar, S., Nadaf, K., Suresh, S.P., Sahoo, D.	Effect of Vortex Generator on the Flow Field over a Conventional Delta Wing in Subsonic Flow Condition at Higher Angles of Attack	(2021) FME Transactions, 49 (2), pp. 395-400.
28	Nayal, S., Sahoo, D.	Effect of a Pylon Mounted Cavity-Based Flameholder on the Combustor Flow Characteristics	(2021) Journal of Applied Fluid Mechanics, 14 (6), pp. 1635-1642.
29	Patil, R.B., Mellal, M.A., Bewoor, A.K., Al-Dahidi, S.	Reliability, maintainability, and availability analysis of a computerized numerical control machine tool using Markov chains	(2021) Acta Polytechnica Hungarica, 18 (6), pp. 45-70.
30	Shah, C.R., Sathe, S.S., Bhagawati, P.B., Mohite, S.S.	A hill slope failure analysis: A case study of Malingoan village, Maharashtra, India	(2021) Geology, Ecology, and Landscapes, 5 (1), pp. 1-6.
31	Kamble, R.J., Gaikwad, P.V., Garadkar, K.M., Sabale, S.R., Puri, V.R., Mahajan, S.S.	Photocatalytic degradation of malachite green using hydrothermally synthesized cobalt-doped TiO ₂ nanoparticles	(2021) Journal of the Iranian Chemical Society,
32	Chittewar, S.L., Patil, N.G.	Surface integrity of conventional and additively manufactured nickel superalloys: A review	(2021) Materials Today: Proceedings, 44, pp. 701-708. Cited 1 time.
33	Shinde, P.B., Shiurkar, U.D., Chittewar, S.L., Mohan, K.N., Ranalkar, M.R.	Transforming micro electromechanical systems to nano electromechanical systems - Design, analysis, modeling and simulation of nanostructures	(2021) Materials Today: Proceedings, 44, pp. 1401-1405.
34	Ahire, D., Bhandari, S., Kamble, K.	Finding the Kth max sum pair in an array of distinct elements using searchspace optimization	(2021) Lecture Notes in Networks and Systems, 171, pp. 341-352.
35	Ganachari, V.S., Chate, U., Waghmode, L.,	Simulation and experimental investigation of tool wear rate in	(2021) World Journal of Engineering, 18 (5), pp.

	Jadhav, P., Mullya, S.	dry and near-dry EDM process	701-709. Cited 2 times.
36	Sannakashappanavar, B.S., Yadav, A.B., Kumar, V., Murty, N.V.L.N., Singh, K.	Low Resistance Ohmic Contact on ZnO Thin Film Revealed by Schottky Barrier Height	(2021) Silicon, . Cited 1 time.
37	Gaonkar, A., Patil, R.B., Kyeong, S., Das, D., Pecht, M.G.	An Assessment of Validity of the Bathtub Model Hazard Rate Trends in Electronics	(2021) IEEE Access, 9, art. no. 9319134, pp. 10282-10290. Cited 2 times.
38	Tanaji, K.A., Dhondiram, P.M.	Exploring Opportunities in Hydro Electric Power Plant with Heron's Fountain	(2021) Advances in Intelligent Systems and Computing, 1245, pp. 189-201.
39	Kadam, P., Patil, V.	Analysis of RCC Structures subjected to spatial blast loading	(2021) 99, pp. 3-16.
40	Vhanmane, M., Bhanuse, M.	Study of behaviour of high rise buildings with diagrid systems	(2021) 99, pp. 249-262.
41	Anuse, B., Shinde, K.	Analysis of rc irregular building according to different seismic design codes	(2021) 99, pp. 239-248.
42	Jadhav, V., Mohite, S.	Strengthening of rcc slab by using prestressed carbon fibre reinforced polymer laminate	(2021) 99, pp. 311-322.
43	Bahadur, A., Shinde, K., Patil, V.	Review paper on behavior of cold-formed steel sections under axial compression	(2021) 99, pp. 31-43.
44	Patil, S., Pawar, S., Mulla, A., Patil, D.	FC-TBSR compensator for reactive power compensation and voltage swell mitigation	(2021) Lecture Notes in Electrical Engineering, 661, pp. 19-28. Cited 1 time.
45	Patil, S.V., Kulkarni, D.B.	K-way spectral graph partitioning for load balancing in parallel computing	(2021) International Journal of Information Technology (Singapore), 13 (5), pp. 1893-1900.
46	Yadav, A.B., Sannakashappanavar, B.S.	Investigation of Schottky barrier height using area as parameter: Effect of hydrogen peroxide treatment on electrical optical properties of Schottky diode	(2021) Optical Materials, 119, art. no. 111341,
47	Tapase, A.A., Patil, S.V., Kulkarni, D.B	Performance Evaluation of Graph Partitioning on Many-core System	(2021) 2021 6th International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT

			2021, pp. 864-868.
48	Kumbhar, M.B., Salunkhe, V.G., Borgaonkar, A.V., Jagadeesha, T.	Mathematical Modeling and Experimental Evaluation of an Air Spring–Air Damper Dynamic Vibration Absorber	(2021) Journal of Vibration Engineering and Technologies, 9 (5), pp. 781-789. Cited 1 time.
49	Husainy, A.S.N., Parishwad, G.V., Nishandar, S.V.	Reducing temperature fluctuation of refrigeration system by incorporating nano- phase change materials	(2021) AIP Conference Proceedings, 2335, art. no. 040010, .
50	Thakre, M.P., Patil, M.D., Mahadik, Y.V.	Estimation and Validation of Junction Temperature of IGBT for Grid-Connected PV Applications	(2021) 2021 Innovations in Energy Management and Renewable Resources IEMRE 2021, art. no. 9386736, .
51	Patil, M.D., Aush, M.G., Mahadik, Y.V., Kamble, S., Patil, S.V., Kharade, J.M.	Energy management between electric vehicle charging stations and electric distribution system considering quality of service using IACSO-MPA approach	(2021) International Transactions on Electrical Energy Systems, .
52	Thakre, M.P., Borse, P.S., Patil, M.D., Mahadik, Y.V.	Measurement and Compensation of Voltage Sag Employing open- loop Single-Phase Dynamic Voltage Restorer	(2021) Mapan - Journal of Metrology Society of India, .
53	Faruqi, A.H., Siddique, M.H., Samad, A., Anwer, S.F.	On the Recommendations for Reducing CPU Time of Multigrid Preconditioned Gauss– Seidel Method	(2021) Trends in Mathematics, pp. 279- 292.
54	Patil, S.T., Bhosale, M.S., Kamble, R.M.	Effective irrigation management system for agriculture using machine learning	(2021) Lecture Notes in Networks and Systems, 171, pp. 205-213.
55	Narayanan, D., Salunkhe, V.G., Dhinakaran, V., Jagadeesha, T.	Experimental Evaluation of Cutting Process Parameters in Cryogenic Machining of Duplex Stainless Steel	(2021) Lecture Notes in Mechanical Engineering, 23, pp. 505-516. Cited 1 time.
56	Jagadeesha, T., Salunkhe, V.G., Desavale, R.G., Patil, P.B., Kumbhar, M.B., Koli, A.R.	Investigation of Crack Detection Technique in a Rotating Shaft by Using Vibration Measurement	(2021) Lecture Notes in Mechanical Engineering, 23, pp. 631-645. Cited 1 time.
57	Patil, S.M., Desavale, R.G., Shinde, P.V., Patil, V.R.	Comparative study of response of vibrations for circular and square defects on components of cylindrical roller bearing under different conditions	(2021) Lecture Notes in Mechanical Engineering, pp. 189-198.

17.3 Industry Linkages

Mechanical engg			
Faculty Exchange			
Sr.No.	Name of industry	Activity	Name of faculty
1	Sonhira Sugars, Vangi	Consultancy	Dr. S. P. Chavan
2	Dalmiya Sugars, Asurle-Porle	Consultancy	Dr. S. P. Chavan
3	MohanraoShinde, Arag	Consultancy	Mr. V.S.Ganachari
4	Tasgaon Sugars	Consultancy	Dr. S. P. Chavan
5	Nagewadi Sugars	Consultancy	Mr. V.S.Ganachari
6	J P, Ratnagiri	Consultancy	Mr. V.S.Ganachari
7	Kirloskar Brothers, Kirloskarwadi	Consultancy	Mr. K J Burle
8	Omega Consultants, Kolhapur	Consultancy	Mr. K J Burle
9	Sinewave Power, Tung	Consultancy	Mr. K J Burle
10	Sinewave Power, Tung	Consultancy	Mr. M. M. Jadhav
11	Sonhira Sugar Facotry	Consultancy	Mr. M. M. Jadhav
12	Sonhira Sugars, Vangi	Consultancy	Mr. V. G. Salunkhe
		Total	12

Aeronautical engineering			
Faculty Exchange			
Sr.No.	Name of industry	Activity	Name of faculty
1	Aeronautical Society of India	National Aerospace Conceptual Design Competition - RASPA Team Representative	Mr. Noble Sharma

Computer Engineering			
Faculty Exchange			
Sr.No.	Name of industry	Activity	Name of faculty
1	OPRA IT Solutions Pvt. Ltd., Pune	Consultancy project	Prof. S. G. Sutar
		Total	1

Civil Engineering			
Faculty Exchange			
Sr. No.	Name of industry	Activity	Name of faculty
1	ASCON Infra, Sangli	Consultancy	Mr. S. B. Hivrekar / Mr. S. S. Patil

2	NutanHalunde	Consultancy	Mr. R. A. Patil
3	SBK AGRO IndustrisSangli	Consultancy	Mr. A. A. Bhatkar
4	M.S.E. Transmission Co. Ltd	Consultancy	Mr. S. S. Patil
5	P.H.C. Dudhgaon	Consultancy	Mr. R. A. Patil
6	Prasad UmajiNaik (Shittur)	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
7	Vikrant Bansode	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
8	Soil Test Sangli	Consultancy	Mr. S. S. Patil
9	NutanHalunde (BSNL)	Consultancy	Mr. R. A. Patil
10	Pankaj (Palus)	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
11	Sharad Pargavkar(Yelur)	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
12	Pravin Patil(AitwadeBudruk)	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
13	Mr. SachinKamble(Shirala)	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
14	Z. P. School No. 02 Burli (Shirala)	Consultancy	Mr. R. V. Jadhav / Dr. A. P. Patil / Mr. K. K. Shinde / Mr. R. A. Patil
15	Kapuskhed Gram panchayat	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde / Mr. A. D. Patil
16	Z. P. School No. (Kalamwadi)	Consultancy	Mr. R. V. Jadhav / Dr. A. P. Patil / Mr. K. K. Shinde / Mr. R. A. Patil
17	Z. P. School No. (Shetfale)	Consultancy	Mr. R. V. Jadhav / Dr. A. P. Patil / Mr. K. K. Shinde / Mr. R. A. Patil
18	Z. P. School No. (Bramhnal)	Consultancy	Mr. R. V. Jadhav / Dr. A. P. Patil / Mr. K. K. Shinde / Mr. R. A. Patil
19	Dr. B. R. Shikvannavar	Consultancy	Mr. A. G. Mujawar / Ms. P. S. Kadam / Mr. K. K. Shinde
20	Dr. G. R. Bhomaj	Consultancy	Mr. A. G. Mujawar / Ms. P. S. Kadam / Mr. B. V. Mane
21	Dr. A. R. Kulkarni	Consultancy	Mr. A. G. Mujawar / Ms. P. S. Kadam / Mr. B. V. Mane
22	Dr. ShaileshIrali	Consultancy	Mr. A. G. Mujawar / Ms. P. S. Kadam
23	Mr. JadhavDudhondi	Consultancy	Mr. B. V. Mane / Mr. K. K. Shinde
24	Shirala Corporation	Consultancy	Mr. B. V. Mane / Mr. A. D. Patil
		Total	11

Electronics Engineering			
Faculty Exchange			
Sr.No.	Name of industry	Activity	Name of faculty
1	Hem Electronics, Miraj	Industrial Training	Ms. R.R. Jagtap

2		Industrial Training	Mrs. M.M. Raste
		Total = 01	

Aeronautical engineering			
Student Exchange			
Sr.No.	Name of industry	Activity	Name of faculty
1	Star Insights	Space is for everyone - Online Webinar	Mr. Anumodh Menon
Total			1

Computer Engineering			
Student Exchange			
Sr.No	Name of industry	Activity	Name of faculty
1	Lovely Professional University, Punjab	PhD research guidance	Dr. Suhas G. Sapate
Total			1

Mechanical Engineering			
Internship			
Sr.No.	Name of industry	Activity	No. of Students
1	3D printers malkapurkarad	Student industrial training	1
2	3D Printing and Rapid prototyping	Student industrial training	1
3	4D Printing	Student industrial training	1
4	Abhijit Engineering Works GokulShirgoan MIDC	Student industrial training	1
5	ACE international , Mumbai (online)	Student industrial training	2
6	Ace Micromatics Arm Machine Tools, Kolhapur	Student industrial training	1
7	ACR MACHINING PVT LTD. SHIROLI M.I.D.C.	Student industrial training	1
8	AI FOR EVERYONE : MASTER THE BASICS	Student industrial training	2
9	Arihant Engineering Industries,Jaysingpur	Student industrial training	1
10	Artificial Intelligence	Student industrial training	2
11	Arun steel furniture works	Student industrial	1

		training	
12	Ashta Liners Pvt Ltd , Ashta	Student industrial training	11
13	Bhide And Sons, sangli	Student industrial training	1
14	CATIA online course	Student industrial training	1
15	Dhanada Industries Kagal	Student industrial training	1
16	Driverless car	Student industrial training	1
17	Electeic Cars: Technology	Student industrial training	153
18	Entrepreneur opportunities	Student industrial training	1
319	Fulcrum India,Pune	Student industrial training	1
20	Graphic Design	Student industrial training	1
21	GurumauliKrushiUdyogSamuha	Student industrial training	1
22	Harishchandra Tooling's Shirolipulachi.	Student industrial training	1
23	Hutatmakisanahirssk Ltd walwa.	Student industrial training	17
24	Identifying Entrepreneurial Opportunities	Student industrial training	4
25	Industry 4.0	Student industrial training	1
26	INTRODUCTION TO AEROSPACE STRUCTURAL AND MATERIALS	Student industrial training	2
27	James automotive vita	Student industrial training	1
28	Kaivalya electricals MIDC. Islampur	Student industrial training	3
29	Kalpshree engineering kolhapur	Student industrial training	1
30	Kasturi foundry Pvt.Ltd. Ashta	Student industrial training	6
31	M.G.Industries,karad/ Ic engine related	Student industrial training	1
32	M.P.Metal Works Pvt. Ltd, Ashta	Student industrial training	6
33	M/S SHIV SHRADDHA INDUSTRY PALUS, PALUS	Student industrial training	2

34	Machine learning with python	Student industrial training	5
35	Maharashtra Engineers (unit-2)	Student industrial training	1
36	Mechanical Behaviour of Materials	Student industrial training	2
37	MICRO-MATIC engineering industries, Ichakaranji	Student industrial training	1
38	motor selection in EVs	Student industrial training	1
39	MP Metal Works,Ashta	Student industrial training	2
40	Ms Shiv shradha industry palus	Student industrial training	1
41	Online training on Catia	Student industrial training	1
42	Patil Industries, Talsande	Student industrial training	1
43	Patil shell industries.	Student industrial training	1
44	Prabha Engineering Works,Sangli	Student industrial training	1
45	Precision Engineering Works Kupwad	Student industrial training	2
46	PROFIVE ENGINEERING PVT LTD PUNE	Student industrial training	1
47	PRUTHVI ELECTRIC BIKES, ICHALKARANJI	Student industrial training	1
48	Python Basic for Data Science	Student industrial training	10
49	Python For Machine learning	Student industrial training	1
50	Ra.Ba.PatildoodhsanghIslampur	Student industrial training	1
51	RajarambapuPatilSahakariSakhar Karana Ltd, Rajaramnagar	Student industrial training	9
52	Raviraj engineering and fabrimech	Student industrial training	1
53	Re fabrimech	Student industrial training	1
54	RIO 3 D printers, Malkapurkarad	Student industrial training	8
55	S.G.EngineeringWorks,Palus	Student industrial training	1

56	S.S.Engineering,Karad	Student industrial training	1
57	SadamateIndustries,Palus	Student industrial training	2
58	Sharad Sugar Industry, Narande	Student industrial training	1
59	Shiv Shraddha Industries,Palus	Student industrial training	1
60	Shri.chatrpatishahu cooperative sugar factory ltd	Student industrial training	1
61	Solar Energy	Student industrial training	10
62	Steel jobs works ,Islampur	Student industrial training	1
63	super tools industries	Student industrial training	1
64	Surya nutritional product Pvt.ltd	Student industrial training	1
65	Trimurti Automobiles, Nazara	Student industrial training	1
66	Truck Tex Wheel, Vathar	Student industrial training	1
67	Varada Industries Karad	Student industrial training	3
68	VP Enterprises PvtLtd,Shirala	Student industrial training	1
		Total	309

Aeronautical engineering			
Internship			
Sr.No.	Name of industry	Activity	No.of students
1	Global Nodes Engineering Solutions	Summer Intership	49
2	Open Foam Training from ESI	Summer Intership	5
3	Lantern Aerospace Pvt. Ltd	Summer Intership	2
4	MIT ADT University	Summer Intership	7
5	Kaashiv Infotech	Summer Intership	7
6	Jio	Summer Intership	1
7	Jet aerospace	Summer Intership	1
8	Aethrone Aerospace	Summer Intership	1
9	Tata consultancy services	Summer Intership	2
10	IIT Bombay	Summer Intership	1

11	STAR AIR organized by Sanjay Godawat University Kolhapur	Summer Intership	1
12	Gloinnt	Summer Intership	1
13	Sky rider institutions jatani, Bhuvaneshwar	Summer Intership	1
14	BRBA AEROSPACE PVT LTD	Summer Intership	1
15	BeSingular	Summer Intership	1
16	Ascet academy engineering python	Summer Intership	1
Total			82

Computer Engineering			
Sr.No.	Name of industry	Activity	No.of students
1	Proxima Biz Pvt. Ltd, Pune	Online Internship	6
2	PSPL, Pune	Online Internship	2
3	Almond Group, Pune	Online Internship	1
4	TCS, Pune	Online Internship	11
5	OPRA IT Solutions Pvt. Ltd., Pune	Online Internship	4
6	BlinkEyesLabz, Bangaluru	Online Internship	2
7	List Software Sangli	Offline Internship	3
8	Pcube Technologies, Kolhapur	Online Internship	5
9	WolFox, Kolhapur	Offline Internship	2
10	Techno Twit Solutions	Online Internship	3
11	Xcitendu Software Pvt. Ltd.	Online Internship	1
12	DX Info Solutions Kolhapur	Online Internship	2
13	Profound Pvt. Ltd., Pune	Online Internship	1
14	ItianSoftwares, Jaysingpur	Offline Internship	1
15	MAIARA Techn., Pune	Online Internship	2
16	5TechG, Sangli	Online Internship	2
17	Raghav Group, Pune	Online Internship	1
Total			49

Food Engineering			
Internship			
Sr.No	Name of industry	Activity	No.of students
1	Nandan Dairy, Baramati, 413102	Internship	3
2	Ravi Masale, Aurangabad, 413007	Internship	2
3	Sobisco foods PVT.LtdHingna Nagpur, 440028	Internship	1
4	SatralDairy,Satral, Ahamadnagar, 413711	Internship	4
5	VasandadaDudhSankalanTasgaon, 416312	Internship	1

6	Chember for Advancement of Small and Medium Business (CASMB), Mumbai, 400051	Internship	9
7	Ganesh Milk and Milk Product, Shingnapur, Sangli, 416404	Internship	1
8	Superior Drinks Pvt. Ltd. Butibori, Nagpur, 441122	Internship	1
9	Mane milk and Milk products, Sangli, 416416	Internship	1
10	Mala'sfruits , Wai - Satara. 412803	Internship	3
11	Somnath Women Multi-state co-operative Agroprocessing Soc. LTD. Latwade, Kolhapur, 416112	Internship	3
12	Nilons Enterprises PVT. LTD. Pune, 411045	Internship	1
13	Trilok Foods, Satara, 415002	Internship	3
14	Nina Foods , GokulShirgavon, Kolhapur, 416234	Internship	1
15	Aditi Foods PVT. LTD., Nerle, Sangli, 415406	Internship	1
16	Shreshtha Solvents, Temburni MIDC, 413211	Internship	1
17	Shree WaranaSahakariDudhUtpadakPrakriyaSangh LTD., Warnanagr, Kolhapur, 416113	Internship	1
18	Rethara Milk and Food Products Pvt. Ltd., Karad, Satara, 415108	Internship	1
19	Baramati Taluka SahakaraiDudhUtpadakSangh, Baramati, 413102	Internship	1
20	Spectrum Food Solution, Thane, 400080	Internship	2
21	Good-day Foods Pvt Ltd. Thane 400604	Internship	1
21	Vanita Foods Pvt Ltd, Chandrapur, 442903	Internship	1
		Total	43

Civil Engineering			
Internship			
Sr.No.	Name of industry	Activity	No.of students
1	Architecture-Er.RaisKalal ,	Student Internship - On field	1
2	Buildbest, SanketShinde	Student Internship - On field	1
3	Engineer - SuhasGadge,	Student Internship - On field	1
4	(Devnal Canal), Engineer - Sharad Kadam	Student Internship - On field	1
5	Aahilya developer kadegaon , near men's hub collection	Student Internship - On field	1
6	ADCET Campus	Student Internship - On field	4
10	Arsh consultant and construction	Student Internship - On field	1
11	Ashok bhilvade construction	Student Internship - On field	1

12	Construction firm-Yadav constructions, Wategaon.	Student Internship - On field	1
13	Deepti Enterprises, Malkapur,	Student Internship - On field	1
14	Durvankur Construction , sawarde	Student Internship - On field	1
15	Elixa park kolhapur .AjaysinghV.Desai	Student Internship - On field	1
16	Engineer : Mr. Lingappa	Student Internship - On field	1
17	Er. Prasannajadhav,	Student Internship - On field	1
18	Er. Pratik Patil	Student Internship - On field	1
19	Er. ShrikantKurlekar	Student Internship - On field	2
21	Er.Nanasheb D Lengare	Student Internship - On field	1
22	Jay construction,	Student Internship - On field	1
23	Mandarsarval , sangli	Student Internship - On field	5
28	MrParikshit Joshi	Student Internship - On field	1
29	Om construction , gargoti	Student Internship - On field	1
30	Phulari construction, , A. V. Phulari	Student Internship - On field	1
31	Ravikiran Constructions,	Student Internship - On field	1
32	Residential Building, Omerga , Osmanabad	Student Internship - On field	1
33	RK Construction.	Student Internship - On field	1
34	Sai builders and developers, kolhapur, Er. KishorJadhav.	Student Internship - On field	1
35	Sairaj infrastructure pvt limited karad.	Student Internship - On field	1
36	Sangola	Student Internship - On field	1
37	Sanmati Constructions	Student Internship - On field	3
40	Shah Constructions	Student Internship - On field	2
42	Sharda contruction	Student Internship - On field	1
43	Shree constructions	Student Internship - On field	1
44	Siddheshwar Associates	Student Internship - On field	3
47	SR Construction,	Student Internship - On field	2
49	SUSHOMANI construction	Student Internship - On field	1
50	Swapnpurti Construction	Student Internship - On field	4
54	Tamboli& Associates, Engineers & Architects, "Sterling Centre",	Student Internship - On field	1
55	Trimurthy construction, Tiranga colony shivnagarIslampur	Student Internship - On field	5
60	vishalpopatDhage BE civil.	Student Internship - On field	1
61	Vissionconstruction,Islampur,	Student Internship - On field	1
62	Walwa	Student Internship - On field	1
63	YashSona Construction	Student Internship - On field	1
		Total	63

Electronics Engineering			
Internship			
Sr.No.	Name of industry	Activity	No.of students
1	Campus Ambassador and Student partner	Internship	1
2	Anita Electronics	Internship	1
3	Campus Ambassador at Internbug	Internship	7
4	Code Bind Telcnologies, Chennai	Internship	2
5	Coursera	Internship	1
6	Sololearn	Internship	1
7	Enhancing programming	Internship	1
8	DOMAIN Online Industry Training Kolhapur	Internship	1
9	Domain certificate of excellence	Internship	1
10	Guvi	Internship	1
11	GEDC	Internship	1
12	Esquare Automation	Internship	1
13	SAITRONICS	Internship	4
14	Magnewin Energy Pvt Ltd	Internship	3
15	Kaizen Futurectch Mumbai	Internship	24
16	InternBugs Organization	Internship	1
17	Intershala	Internship	1
18	S.G.P. Instruments	Internship	1
19	Pantech Solutions	Internship	1
20	Mysirg Education service Pvt.Ltd.	Internship	1
21	MATS LLP, Sangli	Internship	1
22	Rajvaibhav Infra Industrues	Internship	2
23	The Sparks Foundation	Internship	3
24	SaielectronicsKarad	Internship	4
25	Suven Consultants & Technology Pvt. Ltd.	Internship	2
26	TCR Innovation Navi Mumbai.	Internship	3
27	Swastik Solar Solution, Latur	Internship	2
28	Udemy	Internship	4
29	Wedmist	Internship	1
30	William McGuffey's Academy	Internship	3
31	WintrickxEngg. Solution	Internship	1
		Total	81

Automobile Engineering			
Internship			
Sr.No.	Name of industry	Activity	No.of students
1	Anil Auto Services Ashta	Internship	2
2	Indian Seamless metal tubes ltd., baramati	Internship	5
3	DANA INDIA PVT LTD, Pune	Internship	2
4	Kinetic Gears,Nagpur	Internship	1
5	MantriMetallics Pvt. Ltd., Shirol	Internship	1
6	Sadamate Industries , palus	Internship	1
7	Barvepco industry sangli	Internship	1
8	Modern Motors and Auto Engineering Company Pvt. Ltd., Patan	Internship	1
9	Sadguru Tool Works, Kirloskarwadi	Internship	1
10	Chowgule industries PVT. LTD. Palus	Internship	1
11	RajarambapuPatilSahakariSakharKarakhana, Sakhrale	Internship	1
12	Neeta Instruments, Shirol	Internship	1
13	Balaji Auto Services, Sangli	Internship	2
14	Micro-matic Engineering Industries, Ichalkaranji	Internship	3
15	Micro-matic Engineering Industries, Shirol	Internship	1
16	Mai Hyundai,Islampur.	Internship	1
17	Rocket Engineering Corp.Pvt.Ltd., Shirol	Internship	1
18	Shree Krupa Engineering Industries, Ichalkaranji	Internship	1
19	Kirloskar Ferrous Industry Private Limited, Solapur	Internship	1
20	Bhagyalakshmirolling mills pvt ltd, Jalana	Internship	1
21	KOEL, Kagal	Internship	1
22	Brembo Brake India Pvt Ltd, Chakan,pune	Internship	1
23	PERECISON PINS PVT LTD, Shirol	Internship	1
24	VEO motors (authorised Royal Enfield service station), nagpur	Internship	1
25	Marutisuzuki, Islampur	Internship	1
26	Kirloskar oil engines pvt.Ltd, Kagal	Internship	1
27	LaxmanraoKirloskar, Kirloskarwadi	Internship	1
		Total	36

Electrical Engineering			
Internship			
Sr.No	Name of industry	Activity	No.of students
.			

1	TATA Steel	Internship	76
2	ASHTA LINERS	Internship	2
3	Infinite Graphix Technology ,Pune	Internship	6
4	Ecole des pontsParistech(coursea)Indutrial Automation	Internship	7
5	Kasturi Foundry Pvt.Ltd,Ashta	Internship	9
6	MAHARASHTRA STATE ELECTRICITY BOARD OF 33/11 KVDISTRIBUTION SUBSTATION,DHALGAON	Internship	1
7	Kaizen Futuretech	Internship	4
8	TCS ION Carrer Edge	Internship	5
9	Intech OLYMPID Summer Internship	Internship	1
10	Python Bootcamp	Internship	1
11	ShivprasadIndustries,MIDCTaswadekarad	Internship	1
12	Amol Electricals,Ichalkaranji	Internship	1
13	A.G.Electroservices,malkapur,karad.	Internship	2
14	Super Electricals ,KUPWAD MIDC,Sangli	Internship	1
15	Jay Industries,Pune	Internship	1
16	ESPIT Enterprise,Sangli	Internship	1
17	intershalaTranings, Machine Learning	Internship	1
18	shree Refrigerators Karad	Internship	1
19	M/S First Green Energy Solar Shoppy,Sangli	Internship	2
20	DishaComputers,sangli	Internship	3
21	infinite Institute ,Indutrial Automation	Internship	1
22	Infinity Institute (PLC, SCADA and HMI)	Internship	1
23	M/S Deepak Industries, Shirol Kolhapur	Internship	1
24	Autotechco (PLC, SCADA and HMI)	Internship	1
25	Parts Tech (Electric Vehicles and Mobility)	Internship	1
26	DIGITAL SKILLS : ARTIFICIAL INTELLIGENCE	Internship	1
27	“SOLAR SOLUTIONS” (Swastik Solar Solutions)	Internship	3
28	Electrical Design and Drafting	Internship	1
29	PLC automation	Internship	1
30	Fundamentals of IOT	Internship	2
31	SanketPolymeres, Palus	Internship	3
32	Bootcamp on Electric Vehicle	Internship	1
33	Autotechco (PLC, SCADA and HMI)	Internship	1
34	Machine learning (Sayosoft Technology)	Internship	2
		Total	146

Mechanical Engineering			
Field Trip			
Sr.No.	Name of industry	Activity	Number of students
1	Alicon Cast Alloy, Shikrapur	Industrial Visit	54
2	Kirloskar Oil Engines Limited, Kagal	Industrial Visit	44
3	Alicon Cast Alloy, Shikrapur	Industrial Visit	61
4	Maharashtra Machines, Pvt Ltd. Kolhapur	Industrial Visit	53
5	Kirloskar Oil Engines Limited, Kagal	Industrial Visit	46
6	Hind Gear Industries	Industrial Visit	38
7	Industrial videos of cutting tools, Jig, Fixture	Industrial Visit	60
8	FLSmidth MAAG Gears	Industrial Visit	56
9	Hutatma Sugar Factory Walwa	Industrial Visit	41
10	Hi-Tech, MIDC- Kupwad, Sangli	Industrial Visit	48
11	Thermax Power plant	Industrial Visit	39
12	WHIRLPOOL Pvt.Ltd.	Industrial Visit	57
13	Tesla -Mega factories	Industrial Visit	55
		Total	13

Electrical Engineering			
Field Trip			
Sr.No.	Name of industry	Activity	Name of faculty
1	OM Engineering, Kupwad	1. MOU 2. Organized three days online training program on "Entrepreneurship opportunities for Electrical Engineers"	Mr. Y. A. Makandar Mr. S. U. Bagwan Mr. S. K. Shaikh

2	YashEnergy Capacitors PVT. LTD, Islampur MIDC, Islampur, Sangli	1. Project Component Support 2. Lab Testing Facility	Mr. S. U. Bagwan
3	M. K. Electronics, Sangli	1. MOU 2. Organized three days online training program on” Entrepreneurship opportunities for Electrical Engineers”	Mr. S. U. Bagwan Mr. S. K. Shaikh Mr. Y. A. Makandar
4	Invisible Energy, Sangliwadi	1. MOU 2. Organized three days online training program on” Entrepreneurship opportunities for Electrical Engineers”	Mr. S. U. Bagwan Mr. S. K. Shaikh Mr. Y. A. Makandar
5	ABRADO (ELEVATE WITH ELEGANCE, Mumbai)	Industrial Training/Professional Training 17th to 31st December 2019 (15 days)	Dr. M. D. Patil
6	Ovi Elevators, Mumbai	Industrial Training/Professional Training 01st to 30th November 2020 (30 days)	Dr. M. D. Patil

Computer Engineering			
On job training			
Sr.No.	Name of industry	Activity	No.of students
1	Nitor Infotech, Pune	On-Job Training	4
		Total	4

Aeronautical Engineering			
On job training			
Sr.No.	Name of industry	Activity	No.of students

1	Aerofolic Business Solutions	On job training	1
Total			1

Computer Engineering			
Research			
Sr.No.	Name of industry	Activity	Name of faculty
	Lifeline Hospital Abudhabi	paper publication	Dr. S. G. Sapate

Faculty Exchange	26
Student Exchange	2
Internship	277
Field Trip	19
On job training	5
Research	1

17.3 MOU with Industries

Details of MOU			
Mechanical Engineering			
Sr.No	Name of Industry/Corporate Houses	State	
1	Manufactures Association of Kagal-Hatkanagale (MAKH)	Maharashtra	Collaboration for Industrial Training and Placement
2	Palus MIDC Manufacturing, Association	Maharashtra	
3	Krishna Valley chamber of Industries & Commerce, Kupwad, Sangli	Maharashtra	
4	Shiroli Manufacturing Association, Kolhapur (SMAK)	Maharashtra	
5	Ashta liners, ashta	Maharashtra	
Total		5	

Aeronautical Engineering			
Sr no.	Name of institute	National/International	Importance
1	MIT Group of Institutions, Pune	National	Dr.Devabratasahoo had been a visiting professor for taking Online lecture in pandemic situation, He handled computational fluid dynamics for their Final year students
Universities			
Sr. No.	Name of University	National/International	
1	MIT Group of Institutions, Pune	National	confirmation given and discussed regarding UAVs, Gave several kickstart idea to the students and shared that ideas with faculties
Industries & Corporate Houses			
Sr.No	Name of Industry/Corporate Houses	State	Importance
1	KUB Quality services	Maharashtra	Email confirmation given and discussed regarding UAVs, Gave several kickstart idea to the students and shared that ideas with faculties
2	Dautya Aerospace	Goa	Collaboration for Industrial Training and Placement
	Total	4	

Civil Engineering			
Sr.No	Name of Industry/Corporate Houses	State	Importance
1	VirajEnvirozing India Pvt. Ltd.	Maharashtra	Consultancy and Industry supported projects

2	UHD Enterprises, Satara	Maharashtra	Industry supported Projects
3	Public Works Department, Sangli Div. - Islampur	Maharashtra	Consultancy and Industry supported projects
4	Vastustruct, Structural Consultant & Chartered Engineer, Pune	Maharashtra	Internship and Placement
5	CREDAI, Islampur	Maharashtra	Internship and Placement
6	SCG Design Solutions Pvt. Ltd. Pune	Maharashtra	Placement
7	The Karad Architect and Engineers Association	Maharashtra	Internship
8	Credai, Islampur	Maharashtra	Internship
9	Nandkumar Bane Structural and Consulting Engineer	Maharashtra	Internship
10	Wallnett Bricks Pvt. Ltd.	Maharashtra	Internship
11	Sanmati Consultants, Ashta	Maharashtra	Curriculum Design
12	Shrikant V. Shinde and Associates, Sangli	Maharashtra	Placement
13	M/S Sunil R. Patil engineers and Contractors. Islampur	Maharashtra	Project and Lab Development
	Total	13	

Automobile Engineering			
Sr.No	Name of Industry/Corporate Houses	State	
1	ACE Micromatics machine tool Private LTD	Maharashtra	Collaboration for Industrial Training and Placement
2	Perfect pins Kolhapur	Maharashtra	
3	Siddhivinayak	Maharashtra	

	Auto(Hero)		
4	Pant Industries Islampur	Maharashtra	
5	PentamechIchalkaranj i	Maharashtra	
	Total	5	

Electrical Engineering			
Sr.No	Name of Industry/Corporate Houses	State	Importance
1	Invisible Energy, Sangliwadi, Sangli.	Maharashtra	· Three Days Online Training Program on “Entrepreneurship Opportunities for Electrical Engineers”
2	M. K. Electronics, Sangli	Maharashtra	· Components testing facility for project work · Component purchase for project work at discounted rate. · Three Days Online Training Program on “Entrepreneurship Opportunities for Electrical Engineers”
3	Om Engineering Works, Kupwad, Sangli	Maharashtra	· Three Days Online Training Program on “Entrepreneurship Opportunities for Electrical Engineers”
4	Yash Energy Capacitors PVT. LTD.	Maharashtra	· Students Internships · Industrial Visit in group · Component Testing Facility
5	Fusion Leap PVT.LTD, Vijaynagar, Miraj	Maharashtra	· Students Project Sponsorship/ Assistance · Faculty Training
6	A plus Electrical Solution, Sangli	Maharashtra	· Students Project Sponsorship/ Assistance · Project Assistance
7	M/s AG Motors, Karad	Maharashtra	· Students Internships · Industrial Visit
8	M/s MSEDCL RTC, N	Maharashtra	· Industrial Training and Internships for students · Guest lecture on electrical safety · Webinar on “Understanding Electricity Bills during Covid-19 Lockdown Period” .

9	M/s SIGMA Automation, Pune	Maharashtra	· Industrial Training for students · Faculty Interaction
10	HEM Electronics, Miraj	Maharashtra	· Students Internships · Industrial Visit · Component Testing Facility
11	Mauli Industries, Shirala	Maharashtra	· Industrial Faculty Visit for Students and Faculty · Faculty Interaction
12	M/S Siddheshwar Electricals, Kupwad	Maharashtra	· Industrial Faculty Visit for Students and Faculty · Faculty Interaction
13	Digitech Elevators, Karad	Maharashtra	· Faculty Interaction
	Total	13	
Mou With Institute			National
University			National
Industries			38

10.18 LOA and Subsequent EOA till date Academic Year :

<https://adcet.ac.in/ADCET/Aicte.List.php>

10.19 Accounted Audited Statement for the last Three years