

COLLEGE OF ENGINEERING AND TECHNOLOGY, BAMBHORI POST BOX NO. 94, JALGAON – 425001. (M.S.)

(With NBA Accredited Programmes)

Website: <u>www.sscoetjalgaon.ac.in</u> Email: <u>sscoetjal@gmail.com</u>

Mandatory Disclosure

Part-I

January 2020



SSBT's College of Engineering & Technology, Bambhori, Jalgaon.

Mandatory Disclosure

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PART-I

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MANDATORY DISCLOSURE

Mandatory Disclosure by Institutions running AICTE approved Engineering/Technology/Pharmacy programmes to be included in their respective Information Brochure, displayed on their website and to be submitted to AICTE every year latest by $30^{\rm th}$ April together with its URL

The following information is to be given in the Information Brochure besides being hosted on the Institution's official Website.

"The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE."

I. NAME OF THE INSTITUTION

Name	SSBT's College of Engineering	SSBT's College of Engineering & Technology, Bambhori Jalgaon.							
Address	Post Box No. 94 , Jalgaon (Maha	Post Box No. 94 , Jalgaon (Maharashtra State)							
Pin Code	425 001	425 001							
Phone No.	(0257) 2258393	(0257) 2258393							
Fax No.	(0257) 2258392								
Web site	www.sscoetjalgaon.ac.in	E-Mail: sscoetjal@gmail.com							

II. NAME & ADDRESS OF THE DIRECTOR

<u>Name</u>	Dr. Kishor Sopan Wani
<u>Designation</u>	Principal
Address	31/2, Annapurna, Gandharva Colony, Jalgaon-425001
STD Code With Phone No.	0257 – 2252989 (R)
Fax No.	0257- 2258392 (O)
<u>E-mail</u>	wani.kishor@gmail.com

III. NAME OF THE AFFILIATING UNIVERSITY

Name	K.B.C. North Maharashtra University, Jalgaon						
Address	Umavi Nagar, Post Box No.80, Jalgaon Dist. Jalgaon Pine Code :- 425 001.						
Phone No.	(0257) -2258428, 429						
Fax No.	(0257) 2258403, 2258406	E-Mail	info@nmu.ac.in ,registrar@nmu.ac.in				
		Web site	www.nmu.ac.in				

IV] GOVERNANCE

* Members of the Board and their brief background.

Shram Sadhana Bombay Trust (Phone No. 022-26435608/24950888) is the promoting body of the College of Engineering and Technology, Bambhori, Jalgaon. The trust is a charitable organization registered with Charity Commissioner Bombay vide registration number E-6942 dated 12 Oct. 1978 and status of registration is current and valid. The trust strives to enhance human productivity through various welfare measures and is a leading light in educational research.

Brief background of the promoters are as follows:-

1.	Shri. Rajendrasing D. Shekhawat	Managing	Ex-M.L.A.
		Trustee	•
2.	Mrs. Manjiri Shekhawat	Trustee	Social Worker
3.	Shrimati Lata Karamsot	Trustee	Social Worker

* Shram Sadhana Bombay Trust has entrusted the responsibility of running the college to the Board of Governors who are the apex decision making body. The members of the Board are as under.:-

1.	Shri. Raosaheb alias Rajendrasingh D. Shekhawat	Chairman
2.	Shri. Jayesh Rathore	Member
3.	Shri. S.R. Girase	Member
4.	Dr. Amit Dutta, Nominee of the AICTE- Regional Officer (Ex-officio)	Member
5.	An Industrialist/Technologist/Educationist from the region nominated by the regional committee as nominee of the Council, out of the panel approved by the Chairman of the Council	Member
6.	Nominee of the Affiliating University	Member
7.	Prof. D.P. Nathe, Nominee of the State Government-DTE (Ex-officio)	Member

- 8. Dr. K.B. Patil, An Industrialist from the region nominated by the State Govt.
- 9. Dr. K.S. Wani, Principal Member Secretary
- 10. Dr. S.P. Shekhawat, Professor Faculty Member
- 11. Shri. S.B. Pawar, Associate Professor Faculty Member

CONSTITUTION OF COLLEGE DEVELOPMENT COMMITTEE

Sr. No.	Name	Designation
1)	Shri Raosaheb alias Rajendrasingh D. Shekhawat	Chairman
2)	Shri. Y.K. Chitte Management's nominee for Secretary	Member
3)	Dr. G.K. Patnaik HOD, Nominated by Principal	Member
4)	Dr. S.B. Pawar , Elected Faculty Member	Member
5)	Shri. M.M. Ansari Elected Faculty Member	Member
6)	Mrs. Meera Deshpande Elected Faculty Member	Member
7)	Shri. S.R. Girase Elected Non Teaching Staff Member	Member
8)	Dr. K.N. Patil Nominated from Educational Sector	Member
9)	Shri. V.S. Mahajan Alumni Nominated from Industrial Sector	Member
10)	Dr. K.B. Patil Nominated from Research Sector	Member
11)	Shri. B.L. Ahirrao Nominated from Social Work Sector	Member
12)	Dr. S.P. Shekhawat <i>IQAC Coordinator</i>	Member
13)	Secretary, Student Council	Member

14)	Dr. K.S. Wani,	Ex-officio Member
	Principal	Secretary

* Organisational Chart and Processes

The style of management is integrative, participative and consultative at every decision making stage. Duties and responsibilities of various functionaries are well laid down. The organizational chart clearly depicts the flow of authority, responsibility and accountability. Hence the decision making process is transparent.

* <u>Nature and Involvement of faculty and Students in Academic Affairs and Improvements.</u>

Extent of faculty involvement in academic affairs is governed at three levels. Principal meets all Heads of Department every month to take stock of academic progress, course coverage activities. A more detailed interaction of faculty is held fortnightly under direction of Director Academics. Heads of Department are on daily contact with respective faculty, attend their class, offer guidance on teaching skill and methodology beside weekly meeting with all faculties on weekly academic performance, identifying deficiencies and suggesting means to improve upon the same.

Every student gives feedback on all relevant subjects with regard to syllabi, course content, degree of difficulty, if any, in assimilation of the subject and suggestion on improvement. Students have direct access to any faculty, heads of department, coordinator academics and Principal to make suggestion on academic subject.

* Mechanism /Norms & Procedure for Democratic & Good Governance.

As mentioned earlier, Apex decision making body is the Board of Governance who decides and give broad direction. Governing Body has nominated local committees i.e.

College Development Committee which meet once in a quarter or earlier to check compliance of direction given by Governing Body. Day to day operation of the college is managed by Principal and other appointed staff. Various Local Management Committees are well represented by both teaching and non teaching staff who effectively participate in the respective proceedings and help in observance of democratic and good governance practice of the college.

* Student feedback on Institutional Governance/Faculty Performance.

A committee of three Heads of Department under guidance of Director Academics and Principal meets students of all classes in each department and takes feedback on teaching methodology and performance of faculties as perceived by them. This process takes place twice in a semester. The feedback is scrutinized and analyzed with a view to improve faculty performance.

* Grievance Redressal Mechanism for Faculty, Staff and Students.

Transparent management and administrative policy is by itself aids the redressal process in the college. The organizational chart gives out clear flow of authority and responsibility on both academic and administrative front. Faculty, Staff and Students are thus aware of the various processes and policies and can approach any functionary with any supposed difficulty which need to be resolved.

There are suggestion boxes placed at vantage points for all personnel to drop their ideas in confidence which are looked into with all seriousness. http://www.sscoetjalgaon.ac.in/Info/Committees.asp#tbl2

* Grievance Redressal Mechanism as per affiliating University.

The vigilance committee is formed and which consists of Chairman (Member of CDC). All HODs, Rectors and Students representative.

Also grievance cell is functioning in the college. The students grievances are looked into by the H.O.D. Concerned, Principal and if needed, they are referred to the management for appropriate decision. For Hostel the students approach the Rectors (Girls' Hostel and Boys' Hostel) and then they are referred to the Principal for appropriate decision.

* Establishment of Anti Ragging Committee.

Url Link: http://www.sscoetjalgaon.ac.in/Info/Committees.asp#tbl15

* Establishment of Online Grievance Redressal Mechanism.

Url Link: http://www.sscoetjalgaon.ac.in/Grievance/

* Establishment of Committee for SC / ST.

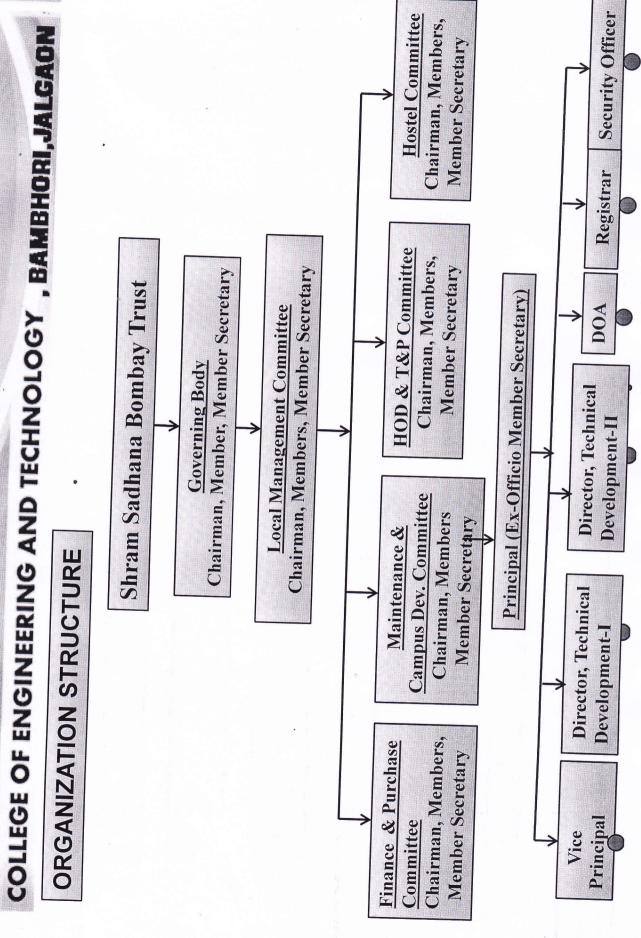
Url Link: http://www.sscoetjalgaon.ac.in/Info/Committees.asp#tbl19

* Internal Quality Assurance Cell

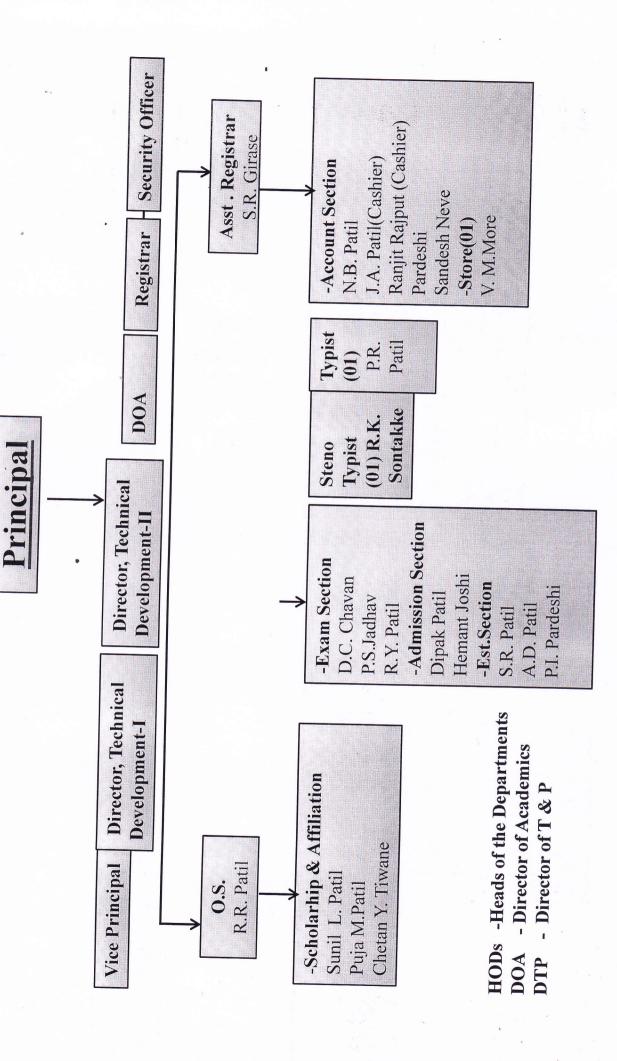
Url Link: http://www.sscoetjalgaon.ac.in/IQAC/IQAC.pdf



Shrama Sadhana Bombay Trust's



ADMINISTRATIVE STRUCTURE



Ix. Admission

A) Number of seats sanctioned with the year of approval.

Sr.	Branch			Year		
		2015-16	2016-17	2017-18	2018-19	2019-20
1	Chemical Engineering	30	30	30	30	30
2	Civil Engineering	120	120	120	120	120
3	Computer Engineering	120	120	120	120	120
4	Mechanical Engineering	120	120	120	120	120
5	Electrical Engg.	60	60	60	60	60
6	Electronics and Tele-comm. Engg.	120	120	60	60	60
7	Information Technology	60	60	60	60	60
8	Bio-Technology	30	30	30	30	30
	Total	660	660	600	600	600
	PG Courses					
01	ME Civil Engg. (Environmental)	18	18	18	-	-
02	ME Mechanical Engg. (Machine	18	18	18		
	Design)				-	-
03	ME E&TC (Digital Electronics)	18	18	18	-	-
04	ME Computer Sci. & Engg.	18	18	18	18	18
05	ME Electrical (Electrical Power	18	18	18	18	18
	System)					
	Total	90	90	90	36	36
06	M.B.A.	60	60	60	60	60
	Total	60	60	60	60	60

Number of students admitted under various categories each year in the last four years.

		UG								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2016-17	103	34	13	12	13	08	15	295	23	516
2017-18	127	36	20	13	12	08	21	313	15	565
2018-19	100	38	05	11	11	03	13	271	14	466
2019-20	67	16	04	00	17	09	15	241	15	384

		PG								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2016-17	10	01	01	00	00	01	00	08	01	22
2017-18	12	00	00	00	00	00	00	04	01	17
2018-19	06	01	01	00	00	00	01	02	00	11
2019-20	00	01	01	00	00	00	00	01	00	03

		MBA								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2017-18	22	03	02	01	00	01	03	25	03	60
2018-19	23	02	00	03	01	01	01	26	03	60
2019-20	18	03	01	01	00	00	00	33	04	60

C) Number of applications received during last two years for admission under Management Quota and number admitted.

Sr.	Year	Application received	Admitted Number
1	2018-19	65	62
2	2019-20	58	41

X. Admission Procedure (UG COURSES)

A) Mention the admission test being followed, name and address of the Test Agency and its URL (website).

Sr.	Admission Test	Name and Address of Test	URL (Website)
		Agency	
1	MHT-CET	Director of Technical Education,	www.dte.org.in
		Maharashtra State	
		3, Mahapalika Marg, Mumbai -1	
2	JEE	CBSE, New Delhi	

Number of seats allotted to different Test Qualified candidates separately [JEE/CET (State conducted test/University tests)/Association conducted test]

2019-2020

Sr.	MH-CET/JEE	AI(CET/JEE)	Management
	State Conducted test		Quota(CET / JEE)
1	65% (390 Seats)	15% (90 Seats)	20% (120 Seats)

C) Calendar for admission against management/vacant seats 2019-20

Sr. No.	Particular	Institute level Seats
1.	Sale of Information Broacher	30/07/2019
2.	Last date for submission of	31/07/2019
	application.	
3.	Admission counseling &	02/08/2019
	conformation of admission	

RULES & REGULATIONS FOR M.E. COURSE

The postgraduate degree in Engineering consisting of 2 years (4 semesters) shall be designated as Master of Engineering in prescribed branches

A candidate may be permitted to register him/er self for the M.E. degree under the faculty of Engineering & Technology of North Maharashtra University, Jalgaon only if the candidate holds a Bachelor's Degree in Engineering/Technology of North Maharashtra University, Jalgaon or its equivalent by AICTE, and North Maharashtra University, Jalgaon.

Preference will be given to graduates of North Maharashtra University, Jalgaon.

The students shall be admitted to second term of first year if his/her first term is granted.

The students shall be admitted to second year if his/her second term of first year is granted. However he/she will not be allowed to submit his/her thesis/ dissertation unless he/she has cleared all the Theory papers and has completed all the presentations of first term of second year.

Every students will be required to produce a record of laboratory work in the form of journal, duly certified for satisfactory completion of the Term Work by the concerned teacher and head of the department.

A student whose term is not granted on account of unsatisfactory attendance/ term work is required to repeat the semester.

The policy of refund of the fee, in case of withdrawal, should be clearly notified.

The candidate who has been provisionally admitted may cancel admission by submitting as application in duplicate, in the prescribed pro forma – O and may request for refund of fees. The refund of fees as applicable shall be made in due course. It is made clear that such application for cancellation will be considered if and only if the admission is confirmed by paying the prescribed tuition fee and other fees in full and by submitting the original documents. Refund shall be made after deduction of the cancellation charges as shown below:

In the event of student/candidate withdrawing before the starting of the course, the waitlisted candidates should be given admissions against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. Should a student leave after joining the course and if the seat consequently falling

Should a student leave after joining the course and if the seat consequently falling vacant has been filled by another candidate by the last date of admission, the Institution must return the fee collected with proportionate deductions of monthly fee and proportionate hostel rent, where applicable.

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

Each criteria with its respective weightages i.e. Gate examination marks & qualifying examination marks etc.

- 2 Eligibility Criteria:
- 2.1 Eligibility criteria for Maharashtra State Candidate and Outside Maharashtra State Candidate:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects

Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

Obtained a positive Composite score* i.e., marks obtained after adding 50% of JEE (Main)2014 (Paper 1) marks and 50% of normalized Standard XII (Board or Equivalent Examination) marks in Physics, Chemistry and Mathematics.

Note: -1) * - The details for calculating positive Composite score shall be notified separately. 2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

2.2 Eligibility Criteria for All India Candidates:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note: 1) Maharashtra Candidates eligible as per rule 2.1 and 2.2 shall submit single Application and Option form for the CAP for both Maharashtra State Seats and All India Seats. Such candidates will be given best single allotment through CAP

2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable

2.3 Eligibility Criteria for Foreign National/PIO/Children of Indian workers in the Gulf countries/ Children of NRI

Candidate should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject

AND

Secured minimum 50 % marks in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

- The eligibility of the candidates passing the HSC (Std. XII) or equivalent examination from a school/college/Examination Board situated outside India shall be further decided by the University Authorities to which the candidate is admitted. Hence such candidates are advised to get their eligibility verified by the respective University Authorities before seeking admission to the Engineering courses in the State of Maharashtra.
- The candidate belonging to this type is not required to appear for the JEE Main 2014(Paper 1)
- Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

2.4 Eligibility criteria for GoI Nominees:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates of respective States) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note: -

Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable. The candidate belonging to this type is required to appear for the JEE (Main) 2014 (Paper 1).

2.5 Eligibility criteria for J & K Migrant candidates:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/Technical Vocational subject

AND

Secured minimum 50 % marks in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note:

Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable. The candidate belonging to this type is required to appear for the JEE (Main) 2014 (Paper 1).

2.6 Eligibility criteria for MKB candidates:

In addition to the basic eligibility criterion mentioned in rule no. 2.1, candidates belonging to the Maharashtra Karnataka Disputed Border Area are required to fulfill following additional eligibility criterions.

- Candidates should be from such villages/towns, from the Maharashtra Karnataka disputed border areas, on which Maharashtra puts its claim.
- The candidate should produce the certificate that his/her father/mother/candidate himself/herself is a domicile of Karnataka in the disputed border area as specified in the Proforma G1/G2 OR The candidate should produce the domicile certificate of his/her father/mother/candidate himself/herself stating that he/she is a resident of a village.
- The candidate should have passed SSC (or equivalent) and/or HSC (or equivalent) from an
 Institution situate in the disputed border area. The candidate must produce a certificate from
 the Principal/Head Master of the College/School stating that the candidate has passed
 SSC/HSC (or equivalent) Examination from that Institution.
- Mother tongue of the candidate must be Marathi. The candidate must produce a certificate from the Principal/Head Master of the School from which he/she has passed the SSC (or

equivalent) Examination, stating that the candidate's Mother tongue is Marathi as per the original School record.

- Candidate should have passed SSC or HSC (or equivalent) Examination with Marathi as one of the subject.
- Composite Score of MKB Candidates shall be calculated in the manner similar as applied to Maharashtra state board students considering he /she has passed HSC from Maharashtra board.
- Composite Score of MKB Candidates shall be calculated by mapping his or her HSC performance with Maharashtra state board.

2.7 Eligibility criteria for Candidates who are sons/daughters of Defence Service personnel:

In addition to the basic eligibility criterion mentioned in rule no.2.1, candidates who satisfying any one of the following criteria as are eligible to seek admission against seats for sons/daughters of defence service personnel.

- Candidate is a son/daughter of ex-service personnel who is domiciled in Maharashtra State (Def-1).
- Candidate is a son/daughter of active service personnel who is domiciled in Maharashtra State (Def-2).
- Candidate is a son/daughter of active service personnel (Def -3)
 - Who is transferred to Maharashtra State but is not domiciled in Maharashtra State
 - Who is not domiciled in Maharashtra State but his/her family is stationed in Maharashtra State under the provision of retention of family accommodation at the last duty station on the grounds of children's' education, provided further that, such candidate should have appeared and passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination from a school/college situated in the State of Maharashtra.

Note: This provision is NOT available to the children of CIVILIAN STAFF who is working/ who has worked with the Indian Defence Services.

2.8 Eligibility criteria for Candidates who are Persons with Disability:

In addition to the basic qualification mentioned in rule no. 2.1, candidate who is suffering from any one of the following permanent disability is eligible to seek admission against seats for Persons with Disability candidates

- Candidate who is visually impaired (blind) candidate (type P1)
- Candidate who is speech & hearing impaired (deaf & dumb) candidate (type P2)
- Candidate who is with orthopedic disorders, learning disabilities, Dyslexia, Dyscalculia, Dysgraphica, Spastic (type P3)

Note: The certificate (Proforma F/F-1) should clearly state that the extent of disability is more than 40% and the disability is permanent in nature.

2.9 Other eligibility criteria for specialized branches of Engineering/Technology:

Candidates seeking admission to some special courses or under some special provisions have to fulfill the following additional eligibility criteria.

· Admission to Mining Engineering course:

Female candidates are not eligible for admission to Mining Engineering course.

2.10 Eligibility criteria of Candidates who have passed Diploma in Engineering/Technology and seeking admission to First Year of Engineering/Technology in Unaided Institutes:

Diploma holders should have passed the Diploma course in Engineering/Technology with minimum of 50% marks (45% marks in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) and medium of instruction as English from the AICTE approved Diploma Institutes affiliated to State Boards of technical Education.

Note:

- To resolve a tie i.e. more than one candidate securing equal aggregate marks in Final year of the Diploma examination, following order of preference shall be adopted: marks in Maths at SSC, Grand Total at SSC.
- Eligible Diploma candidates (rule 2.10) shall be considered for Admission against the Institute level seats in Unaided Private Institutes only. The details of the admission process for filling seats are specified in Annexure-II.
- 2.11 Rounding off of percentage of marks for deciding eligibility for admission.

In case percentage, marks (converted out of 100) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subjects added together at HSC (std.XII), comes in fraction then percentage of marks shall be rounded off as explained in the example for the purpose of deciding the eligibility of the candidate.

Example: - If the percentage of marks comes out to be 44.50% to 44.99% then it shall be rounded to 45% and if the percentage of marks comes out to be 44.01% to 44.49% shall be rounded to 44%.

General Notes:

1. In case the maximum marks in individual subject is other than 100, convert the marks out of 100 for individual subject but do not round off these marks. If the sum of the converted marks of three individual subjects without rounding off works out to be a figure with fraction then fraction up to two decimal places shall only be considered and the percentage of marks shall be calculated considering maximum marks as 300 and, If the percentage comes in fraction, rounding off shall be done as given in rule No. 2.11 to decide the eligibility.

Example: If a candidate obtains 85 marks out of 200 in Physics, 76 marks out of 150 in Chemistry and 40 Marks out of 100 in Mathematics, then the sum of marks obtained works out to be 201 out of 450 marks. If it is converted out of 300, it works out to be 134. The % of marks comes out 44.6666 %.

However if the marks in individual subjects are converted out of 100, then the marks are as 42.5 in Physics, 50.6666 in Chemistry and 40 in Mathematics. It means the sum of converted marks of individual subject is 133.1666, which is 133.16 up to two fractions. The % of marks comes out 44.38 % after rounding off it is 44%. Hence the candidate is not eligible for admission.

2. If letter grades are assigned instead of marks at SSC, HSC or its equivalent examination the candidate must obtain the certificate of conversion of letter of grades into marks from the competent authority where from the candidate has passed the examination. The candidate should produce such certificate at the time of submission of application form. The Eligibility shall be decided based on the equivalent marks submitted by such candidates.

Institute Level Seat and Vacant Seat.

Candidate passing the HSC (Std. XII) or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and should have secured minimum 50% marks in General Category and reserve Category 45% marks in Physics, Chemistry and Mathematics added together.

Candidates passing Diploma in Engg. / Technology course from Maharashtra State:

Diploma holders who have passed the diploma course in Engineering/Technology with minimum of 50% marks and reserve Category 45% marks from the Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics in Maharashtra State.

B) Minimum level of acceptance, if any.

Eligibility criteria for Maharashtra State Candidate and Outside Maharashtra State Candidate-

Candidate should be an Indian National and should have passed the HSC (Std. XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Technical Vocational subject

And

Secured minimum 50% marks (minimum 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects



Application Form for

(FE / Direct SE / First Year ME/ MBA) Shram Sadhana Bombay Trust's College of Engineering & Technology, P.B.No.94, BAMBHORI, JALGAON 425 001 (Maharashtra State)

Affix Recent Passport size Photograph here

Website- www.sscoetjalgaon.ac.in Email: sscoetjal@gmail.com

c) Physically Handicapped:- () Yes

Phone No. (0257) 2258393 Fax No. (0257) 2258392

Note:- (a) To be filled in and signed by the candidate.

Application submitted without required certificates shall not be considered. Score out which is not applicable

1) Details of student

Particular	Surname	First Name	Middle Name			
Name of Student						
Father Name						
Mother Name						
Date of birth:-						
Address for correspon	dence :					
Address for permane						
Pin Code	State					
Telephone No Mobile No.:-						
Email Address:		Admitted in College l	Hostel :- Yes/No			
* *	•	e passed SSC (Std. X) :- ave passed HSC (Std. XI	I) :			
SEX :- (Male/Female)		_				
Occupation of the Ear	ning member(s) or	f the family :				
Annual income of the	family:-					
Indicate the category t	o which you belor	ng (Tick appropriate box))			
	n () SC (() ST () VJNT () SBC	() NT1 () NT2			
b) Minority :- () Ye	es () No	Religion:-	Caste:			

() No

1)			2)		3)				
4)			5)				6)		
7)			8)						
A) F	or F.E. <i>&</i>	& Direct S.F	E. students						
PCM	Total or	ıt of 300]	EXAM.		MERI	T NO.	SCORE
Cate	gory]	МН-СЕТ				
Bran	ch Allott	ed		1	University	y Merit No.			
Final	Year Di	ploma		4	AIEEE				
Mark	s Obtain	ed /Out of							
Perce	entage HS	SC			State Mer	rit No.			
Perce	entage Di	ploma]	Main Gro	up Merit			
S.S.(Year of passing		nstitution of Board/ University			1,1,0,	or O.M.S.	
H.S.									
Diplo									
final	year								
	S.C. Ma								
Sr.	Subjects	8	Marks		ırks	Total perce	ntage		Remark
No.			out of	Ob	tained				result
1	Mathem	natics							
	CC M	arks							
D) H	.5.C. M2	r. Subjects Marks Marks			ırks	Total PCM &			Remark
Sr.		8		Obtained percentage				result	
Sr. No.	Subjects		out of	Ob		1 0			
Sr. No.	Subjects Physics		out of	Ob					
Sr. No. 1 2	Subjects Physics Chemist	try	out of	Ов					
Sr. No. 1 2 3	Subjects Physics Chemist Mathem	try natics	out of	Ob		-			
D) H Sr. No. 1 2 3 4 5	Subjects Physics Chemist	try natics	out of	Ob					

P.G. Programme:- I hereby apply for admission to First year P.G. Programme in Engineering & Technology/ Management for M.E. Civil (Environmental Engg.)/ Mechanical (Machine Design) / E.& TC. (Digital Electronics) / Computer Science & Engineering/ M.B.A.

Academic Programme

- 1) First Year M.E. Course
- i) Detail Qualification

Course &	College	Month	No. of	University/Boards	Total	Max.	Percen-
Examination	Attended	& Year	attempts	-	Marks	Marks	tage
		of			Obtained	(Out	
		Passing				of)	
1	2	3	4	5	6	7	8
1 st Year							
Engineering							
2 nd Year							
Engineering							
3 rd Year							
Engineering							
4 th Year							
Engineering							

ii) GATE Score:			Valid up to
iii) Sponsored:	() Yes	() No	

- 2) First Year M.B.A.
- i) Details of qualification:-

Examination	Name of	Year	Subject	Marks	Percentage/	Remark
Passed	Board/		Specialization		Score	
	University					
S.S.C.						
H.S.C.						
Graduation						
Post graduation						
Any other						
exam.						

For M.B.A. Course						
EXAM.	MERIT NO.	SCORE				
MH-CET						
University Merit No.						
Any other Entrance						
Test						

09) Work experience (attach extra sheet, if space is not enough)

Name of the Organization/Industry	Period	Nature of Work

If employed, give details	
Name of Organization:	
Date of appointment:	
Regular/ Temporary :	
11) Sponsorship certificate attached?	Yes/No
`	I have to produce a certificate from the at attached with the form, without which ered)
12) List of Certificates attached with app	lication form:- Tick only available documents
 4) HSC (12th) / Diploma Marksheet 7) Indian Nationality Certificate 9) First Attempt Certificate 	 (10) Gap Affidavit (If applicable) (12) Validity Certificate (If applicable) except SC/ST students only (15) Degree Certificate (17) Sponsor Certificate
Please do not attach any original or pl	hoto copy of certificate not asked for.
However you shall have to submit all	original certificates at the time of admission.

: Yes/No

10). Presently Employed or Unemployed?

Declaration by the Candidates (Undertaking)

I_	declare that:
	I have read all the Rules of Admission for the current year, after understanding these rules I have filled up this application form for the current
	year. The information given by me in my application is true to the best of my knowledge and belief.
	I have not been debarred from appearing at any examination held by any Govt. body constituted or statutory examination authority in India. I fully understand that the offer of a course or branch of Engineering/Technology/ Management will be made to me depending on my merit inter-se and availability of seat at the time of scrutiny of my application when I will report to the Admission Authority according to the schedule of the admission. I understand that no other document other than those attached to the application form will be entertained for the purpose of claims/ concession etc. in connection with my admission. I hereby agree to confirm to all rules and laws enforced by the Govt. including ragging Act 1999 of Maharashtra, the College Management and North Maharashtra University, Jalgaon. I hereby undertake that as long as I am a student of the college, I will do nothing either inside or outside the College which may result in disciplinary action against me under the act and laws refer to under rules Nos. 13-0. I will abide by all the rules of the Hostel, if I am given admission in to the Hostel. I fully understand that the Principal of the college will have the right to expel/rusticate me from the college for any infringement of the rules of conduct and discipline refer to under Rules No.13-0 and the rules of conduct and discipline prescribed by the College/University and the undertaking given above. The total numbers of certificates attached with the application form are:
Place: Date:	Signature of the Candidate
	Declaration by the Parents/Guardians (Undertaking)
_	declare that the s furnished by my son/daughter/ward in this application form are correct to the knowledge and belief.
charges e time to time son/daugh	undertake & bind myself to pay on behalf my son/daughter/ward, such fees tc. which the College/Government of Maharashtra/University may levy from me by due date & in the event of failure on my part and/or on the part of my ater/ward the Principal of the College may take such action against my ater/ward as he may deem fit.
I v	will sign the requisite agreement bond as prescribed by the Government (In case only).
Place:	

Date:

Signature of the Parent/Guardian

AGREEMENT

I Shri/Shrimati/Kumari	
(Nam	e of the Candidate)
(Name of the Candidate) do hereby affirm that I have taken admission in	
circumstances, I shall be responsible for f	ull payment of fees and all dues for the entire
Signature of the Father/Guardian	Signature of the Student
Place: Date	
MEDICAL O	CERTIFICATE
I certify that I have carefully exami	ned Shri/Kum
any minor defects in the same can be corre- fairly robust, his/her constitution is sound/i work in the workshop or active out-door se	cted by means of suitable glasses that he/she is s not likely to make him/her unfit for manual
Date:	Signature
Address:	Name:
	Qualification
	Registration No:

UNDERTAKING-1

Ι,	taking admission in
First Year/ Second Year	in the year 20 - 20 give an undertaking that as
per the letter No.NMU/7/A/4718	8/2008, dated 27/09/2008, North Maharashtra University,
Jalgaon I am not engaged in a	ny job full time/part time. Similarly I have not taken
admission in any other college w	ithin this University or any other University.
Date:-	Signature of candidate
	PRINCIPAL
	UNDERTAKING-2
University, Jalgaon vide letter No.NI to maintain my attendance in the class	interested to take admission in in the year 20 - 20 . As per North Maharashtra MU/2/106/2002, dated 26/06/2002, I undertake that if I fail sses as per the rule means 80% out of total 180 working days in College/University examinations. It is in my knowledge int against the same.
Date:-	Signature of Candidate
	Signature of Parents
	PRINCIPAL

The cut-off levels of percentage & percentile scores of the candidates in the Admission test for the last three years.

Sr.	Branch	201	7-18	201	8-19	201	9-20
		CET (M.S. Seats)	JEE (AI Seat)	CET (M.S. Seats)	JEE (AI Seat)	CET (M.S. Seats)	JEE (AI Seat)
1	Civil	49	03	40	20	52	05
2	Chemical	63	43	54	41	22	04
3	Computer	39	30	53	29	110	17
4	Electrical	55	54	47	04	23	-
5	Electronics & Tele.	43	16	57	54	23	04
6	Information Technology	61	14	40	10	55	06
7	Mechanical	47	20	38	07	46	06
8	Bio-Tech.	48	20	53	30	10	01

D) Placement Facilities

a) **Training & Placement Cell:** SSBT's C.O.E.T., Bambhori, Jalgaon has an independent T & P Cell devoted to cater to the needs of organizations in conducting campus interviews for placements. It is headed by Training & Placement Officer & Departmental coordinators lead a team of placement representatives from various courses of study assist the Cell.

The cell has the following facilities:

- Separate Internet connection, computers, laser printer and Scanner for office automation.
- ii) Separate lounge for industrialist and visitors.
- iii) Newspaper, magazines, etc.
- iv) All audio/video facilities for presentations, written test, group discussions and interviews.

b) T & P Activities:

- i) Campus Interviews
- ii) Industrial Training
- iii) Industrial Visits (Students & TPC members)
- iv) Expert Lectures
- v) Industrial Meet
- vi) Job-Oriented Courses
- vii) Deputation of faculty members to various training programs.
- viii) Mock competitive exams, Interviews, Group Discussions, etc.
- ix) Personality development programme.
- x) Alumni meet.
- xi) Entrepreneurship development programme.

c) Campus placement in last three years with minimum salary, maximum salary and average salary

BRANCH/YEAR	Chemical	Biotech	Civil	Computer	Electrical	E&TC	IT	Mech	MBA	Other	Total
2016-17	07	01	07	11	12	13	23	18	18	04	114
2017-18	12	05	23	40	23	71	13	32	19	10	248
2018-19	09	01	30	22	26	81	6	57	29	7	268
2018-19 (Till Date 04/01/20)	00	00	06	14	00	05	02	09	00	00	36

3. MINIMUM SALARY:	Rs. 1, 44,000/-
4. MAXIMUM SALARY:	Rs. 3,50,000/-
5. AVERAGE SALARY:	Rs. 1.60.000/-

*	Name and duration of programme(s) having affiliation/collaboration with Foreign
	University(s)/Institution(s) and being run in the same Campus along with status of
	their AICTE approval. If there is foreign collaboration, give the following details:
	Details of the Foreign Institution/University:

NA

❖ For each Collaborative/affiliated Programme give the following:

NA

❖ Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005.

NA

Faculty List 2019-2020

As on 16/07/2019

SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGG. & TECH., BAMBHORI, JALGAON. Academic Year 2019-2020

Sr. No.	Name of staff	Date of Birth	Designation	Qualifi cation	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr. K.S. Wani	24/09/1959	Principal	B.Sc.Tech . M. Tech . D.B.M. Ph.D.	I -Class I -Class I -Class	Nagpur Nagpur Nagpur N.M.U.	1983 1985 1984 2006	37400-67000	14/07/1997	NMU/18/J-4/621/03, Dt. 18.02.2003Wef- 14.02.2002 NMU/18/552/08, Dt. 21-05-08 Wef- 19.07.2006 NMU/18/1663/2011	Yes, as Lecturer & A.P	OBC OPEN
										Dt. 01-11-2011 Wef- 13.10.2011 NMU/18/542/2012, Dt. 04-04-2012 Wef- 26032012	& Professor & As Principal	OPEN

SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGG. & TECH., BAMBHORI, JALGAON.

Name of the Department: Civil Engineering (Academic Year 2019-2020)

Sr. No.	Name of staff	Date of Birth	Designation	Qualifi cation	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr M. Husain	05/12/1969	Professor & HOD	B.E. Civil M.E. Civil (Environmental) Ph.D.	I-Class I-Class	Indore Ujjain NMU	1991 1995 2004	37400-67000	15/07/1996	NMU/18/J-4/ 2079/03, Dt. 10-6- 03 Wef-15.02.2002 NMU/18/553/8 Dt. 21-05-08 Wef-17.07.2006 NMU/18/1789/11 Dt. 13-12-2011 Wef-14.02.2012.	Yes, as Lecturer & Asst.Prof. & Professor	OPEN
02	Dr.S.L. Patil	01/01/1962	Professor	B.Sc M.Sc. Tech. Ph.D. (Geology)	I-Class I-Class 	Aurangabad Nagpur NMU	1984 1987 2011	37400-67000	01/07/1988	CCO/421/1650/, Dt. 22-9-88 (Pune Un.) Wef-1.7.1988	Yes, as Lecturer	OPEN
03	Dr. S.B. Pawar	05/10/1966	Professor	B.E. Civil ME Civil (Const Tech.&Managm ent) Ph.D. (Civil)	I-Class I-Class	Pune Vidisha NMU	1989 2006 2016	37400-67000	15/01/1991	NMU/92/97/1122, Dt. 03-02-92 Wef-03.02.92 NMU/18/1142, Dt. 03-12-08 Wef-28.08.08	Yes, as Lecturer & Asst.Prof.	OPEN
04	Dr. P.A. Shirule	07/06/1973	Associate Prof.	B.E. Civil Engg. M.E. Civil (Enviormental) Ph.D. (Civil)	F.W.D. F.W.D.	N.M.U. N.M.U. N.M.U.	1997 2008 2018	37400-67000	03/07/2000	NMU/18/J- 4/6223/04, Dt. 24- 12-04 Wef-9.2.04	Yes, as Lecturer	OBC

Sr. No.	Name of staff	Date of Birth	Designation	Qualifi cation	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
05	F.I. Chavan	13/05/1974	Asstt. Prof.	B.E. Civil Engg. M.E. Civil (Enviormental)	I-Class I-Class	Amarawati Amarawati	1997 2009	15600-39100	01/09/1998	NMU/18/1137/09, Dt.26.10.09 Wef-15.09.09	Yes, as Lecturer	OPEN
06	Ms. Sonali B. Patil	28/11/1979	Asstt. Prof.	B.E. Civil Engg. M.E. Civil (Environmental)	I-Class I-Class	N.M.U. N.M.U.	2004 2010	15600-39100	01/02/2008	NMU/18/1139/09, Dt.26.10.09 Wef-16.09.09	Yes, as Lecturer	OPEN
07	Ms.Jyoti R.Mali	23/04/1971	Asstt. Prof.	BE Civil Engg. M.E. Civil (Environmental)	II-Class I- Class	Pune NMU	2000 2009	15600-39100	01/07/2011	NMU/18/544/2016, Dt. 13.06.2016 .Wef-17.03.2016	Yes, as Asst.Prof.	OPEN
08	J.N. Kale	25/12/1965	Asstt. Prof.	B.E. Civil Engg. M.E. Civil (Const Tech.&Managm ent)	I-Class I-Class	Bangalore N.M.U.	1989 2012	15600-39100	01/01/2009	NMU/18/1140/09, Dt.26.10.09 Wef-16.09.09	Yes, as Lecturer	OBC
09	Pankaj Ramdas Punase	05/08/1991	Asstt. Prof.	B.E. Civil Engg. M.E. Civil (Structures)	I-Class I-Class	N.M.U. Pune	2015 2013	15600-39100	10/03/2016		No	OPEN
10	Sunny S.Paul	09.09.1992	Asstt. Prof.	B.E. Civil Engg M.Tech. (Env.)	7.44 CGPA I-Class	RTMNU Mumbai	2017 2017	15600/- Cons.	15.07.2019		No	OPEN
11	Mrs.Priyanka Jayesh Toke	03/02/1991	Asstt. Prof.	B.E Civil Engg.	F.W.D.	N.M.U.	2015	15600/- Cons.	15.07.2019		No	OBC
12	Rahul Kantilal Pawar	05.06.1989	Asstt. Prof.	B.E. Civil Engg. M.E. Civil (Structures)	I-Class I-Class	PUNE NMU	2011 2014	15600/- Cons.	15.07.2019		No	OBC

Sr. No.	Name of staff	Date of Birth	Designation	Qualifi cation	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
13	Ms. Poonam R. Baviskar	19/12/1995	Asstt. Prof.	B.E. Civil Engg	I-Class	N.M.U.	2017	12000/- Cons.	15.07.2019		No	SBC
14	Bhupendra Hansraj Patil	30/09/1995	Asstt. Prof.	B.E. Civil Engg	I-Class	N.M.U.	2017	12000/- Cons.	15.07.2019		No	OBC
15	Ms. Sneha T. Ingole	15/07/1994	Asstt. Prof.	B.E. Civil Engg	I-Class	N.M.U.	2016	12000/- Cons.	15.07.2019		No	SC
16	Ms.Ankita S. Sarode	24.05.1996	Asstt. Prof.	B.E. Civil Engg	I-Class	N.M.U.	2017	12000/- Cons.	15.07.2019		No	OBC
17	Ms.Vrushali Ajay Mahadik	29.10.1996	Asstt. Prof.	B.E Civil Engg.	F.W.D.	KBC N.M.U.	2018	12000/- Cons.	15.07.2019		No	OPEN
18	Ms.Madhuri S. Malpani	29/01/1996	Asstt. Prof.	B.E. Civil Engg	I-Class	BAMU, Aurangabad	2017	12000/- Cons.	16.07.2019		No	OPEN
19	Ms.Karina Pravin Nandre	27.03.1996	Asstt. Prof.	B.E Civil Engg.	I-Class	KBC N.M.U.	2018	12000/- Cons.	25.07.2019		No	OBC

SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGG. & TECH., BAMBHORI, JALGAON.

Name of the Department: Computer Engineering Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr.Girish Kumar Patnaik	09/10/1969	Professor &HOD	B.E (C.S.&E.) M.E. (C.S.&E.) Ph.D (C.S.&E.)	I-Class I-Class	Aurangabad Alahabad Alahabad	1990 2001 2012	37400-67000	17/06/2013	NMU/18/548/2016, Dt. 13.06.2016.Wef- 21.03.2016	Yes, as Professor	OPEN
02	Dr .K.P. Adhiya	07/12/1968	Professor	B.E. Comp. Engg. M.E. (C.S.&E.) Ph.D. (C.S.& E.)	I-Class I-Class	Amaravati Alahabad NMU	1990 1996 2016	37400-67000	26/08/1991	NMU/18/j- 4/621/03,dt-18.02.03 <u>Wef-15.02.02</u> NMU/18/1119/8, Dt. 27-11-08 <u>Wef-28.08.08</u>	Yes, as Lecturer & Assistant Prof.	OPEN
03	Dr. Manoj E Patil	06/10/1975	Associate Prof.	B.E.Comp. Engg. M.Tech.(C.S.&E.) Ph.D. (C.S.& E.)	I-Class I-Class 	N.M.U. R.G.P.V. BHOPAL J.N.U. Jodhpur	2000 2008 2017	37400-67000	02/12/2002	NMU/18/J-4/4298/04, Dt. 02-09-04 Wef-17.2.04 NMU/18/1065/2009 Dt.30.9.09 Wef 1.7.09	Yes, as Lecturer & Assistant Prof.	OBC
04	Ashish T.Bhole	12/09/1976	Associate Prof.	B.E. Comp. Engg. M.Tech (C.S.&E.)	I-Class I-Class	N.M.U. R.G.P.V. BHOPAL	1999 2008	37400-67000	27/11/2007	NMU/18/1067/2009, dt. 30/09/2009 Wef- 01.07.2009	Yes, as Lecturer	OPEN
05	Sandip S. Patil	20/01/1980	Associate Prof.	B.E. Comp. Engg. MTech. (C.S.& E.)	I-Class I-Class	N.M.U. R.G.P.V. BHOPAL	2001 2009	37400-67000	12/02/2004	NMU/18/J-4/4297/04, Dt. 02-09-04 Wef-12.2.04 NMU/18/1066/2009 Dt.30.9.09 Wef 18.7.09	Yes, as Lecturer & Assistant Prof.	OPEN
06	Ms. Shital A. Patil	12/10/1982	Asstt. Prof.	B.E. Comp. Engg. M.E. (C.S.&E.)	I-Class I-Class	N.M.U. N.M.U.	2004 2012	15600-39100	02/01/2006	NMU/18/554/07 Dt. 28/03/07 Wef-17.07.06	Yes, as Lecturer	OPEN
07	Mrs. Nilima Surendra Ramteke (Patil)	21/10/1981	Asstt. Prof	B.E. Comp. Engg. M.E. (C.S.&E.)	I-Class I-Class	Amravati N.M.U.	2005 2012	15600-39100	14/08/2007	NMU/18/327/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	SC

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
08	Nitin Y. Suryawanshi	27/01/1981	Asstt. Prof	B.E. Comp. Engg. M.E. (C.S.&E.)	I-Class I-Class	Aurangabad N.M.U.	2005 2012	15600-39100	20/12/2008	NMU/18/1068/2009 Dt.30.9.09 Wef 1.7.09	Yes, as Lecturer	OPEN
09	Puri Dinesh Dagadu	15/04/1982	Asstt. Prof	B.E. Comp. Engg. M.Tech. Comp	I-Class I-Class	Kolhapur Lonere	2004 2010	15600-39100	01/12/2012	NMU/18/550/2016, Dt. 13.06.2016.Wef- 17.03.2016	Yes, as Asst.Prof.	NT-2
10	Mrs.Yogeshwari Vinod Mahajan (Borse)	01/06/1979	Asstt. Prof.	B.E.Comp. Engg. M.Tech (C.S.&E.)	F.W.D. F.W.D.	N.M.U. R.G.P.V. BHOPAL	2009 2012	15600-39100	21/07/ 2009	NMU/18/329/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OBC
11	Ms. Priti R. Sharma	18/06/1982	Asstt. Prof.	B.E.Comp. Engg. M.E. (C.S.&E.)	I-Class I-Class	N.M.U. N.M.U.	2007 2014	15600-39100	14/02/2008	NMU/18/868/10 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
12	Dipak D.Bage	01/02/1982	Asstt. Prof.	B.E.Computer Engg. M.E.Computer (CS&E)	I-Class F.W.D.	N.M.U. N.M.U.	2008 2013	15600-39100	01/07/2009	NMU/18/866/10 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	NT
13	Satpalsing D.Rajput	06/07/1985	Asstt. Prof.	B.E.Computer Engg. M.E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2008 2013	15600-39100	01/07/2011	NMU/18/549/2016, Dt. 13.06.2016. Wef- 17.03.2016	Yes, as Asst.Prof.	OPEN
14	Akash D.Waghmare	08/06/1982	Asstt. Prof.	B.E.Computer Engg. M.E. (CS&E)	I-Class I-Class	Amravati Amravati	2011 2005	15600-39100	16/12/2013	NMU/18/555/2016, Dt. 13.06.2016Wef- 17.03.2016	Yes, as Asst.Prof.	S.C.
15	Sushant S.Bahekar	14/06/1990	Asstt. Prof.	B.E.Comp. Engg. M.Tech. (CS&E)	F.W.D CGPA- 8.87	N.M.U. R.G.P.V. BHOPAL	2011 2014	15600-39100	06/07/2015	NMU/18/556/2016, Dt. 13.06.2016Wef- 17.03.2016	Yes, as Asst.Prof.	OBC

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
16	Ms.Dhanashree Shashikant Tayade	19/10/1985	Asstt. Prof.	B.E.Com. Engg. M.E. (CS&E)	I-Class I-Class	PUNE N.M.U.	2010 2014	15600-39100	06/07/2015	NMU/18/553/2016, Dt. 13.06.2016 Wef- 17.03.2016	Yes, as Asst.Prof.	SBC
17	Ms.Archana Raosaheb Shinde	29/06/1990	Asstt. Prof.	B.E.Comp. Engg. M.E.Computer	I-Class I-Class	N.M.U. PUNE	2011 2015	15600-39100	16/03/2016	NMU/18/554/2016, Dt. 13.06.2016 Wef- 16.03.2016	Yes, as Asst.Prof.	OPEN
18	Pravin Keshav Patil	31/08/1991	Asstt. Prof.	B.E. Comp. M. E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2013 2015	15600-39100	06/07/2015	NMU/18/557/2016, Dt. 13.06.2016 .Wef- 17.03.2016	Yes,as Asst. Prof.	OBC
19	Ms.Kajal P.Visrani	11/06/1993	Asstt. Prof.	B.E. Comp. M. E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2015 2017	15600/- Cons.	15/07/2019		No	OPEN
20	Ms.Savita V. Borse	30.06.1980	Asstt. Prof.	B .E. (I.T) M. E. (CS&E)	I-Class I-Class	Pune N.M.U.	2009 2018	15600/- Cons.	15/07/2019		No	OBC
21	Ms.Jyoti D. Revanshete	02.07.1987	Asstt. Prof.	B.E. Comp. M. E. (CN&E)	I-Class I-Class	Aurangabad Aurangabad	2009 2016	15600/- Cons.	15/07/2019		No	OBC
22	Ms.Jaya Madhukar Suryawanshi	12.10.1996	Asstt. Prof.	B.E. Comp.	I-Class	KBCNMU	2019	12000/- Cons.	25/07/2019		No	SBC
23	Ms.Prajkta C. Pawar	06.06.1995	Asstt. Prof.	B.E. Comp.	I-Class	KBCNMU	2018	12000/- Cons.	29/07/2019		No	OBC
24	Ms.Roshani Uttam Fulpagare	01.08.1997	Asstt. Prof.	B.E. Comp.	I-Class	KBCNMU	2019	12000/- Cons.	25/07/2019		No	SC
25	Ms.Tejal Keshavrao Patil	26.12.1997	Asstt. Prof.	B.E. Comp.	I-Class	KBCNMU	2019	12000/- Cons.	25/07/2019		No	OBC

Name of the Department: Information Technolgy Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
1	Dr.Umesh S. Bhadade	16/08/1971	Professor & HOD	B.E. Electronics M.E.Electronics Ph.D. Electrical	I-Class I-Class	Pune Amravati M.S.U., Baroda	1993 2002 2012	37400-67000	20/07/2013	NMU/18/532/2016, Dt. 13.06.2016. Wef-26.03.2016	Yes,as Associate Prof.	OPEN
2	Dr. Archana K. Bhavsar	22/02/1977	Associate Prof.	B.E. Computer M.Tech.(CS&E)	I-Class I-Class	N.M.U. Nirma Uni.	2003 2006	37400-67000	17/03/2008	NMU/18/1120/08 Dt. 27/11/08 Wef-28.08.08	Yes,as Lecturer	OPEN
3	Nitin P. Jagtap	31/05/1980	Asstt. Prof.	B.E. (I.T.) M. E. (CS&E)	I-Class I-Class	Aurangabad N.M.U.	2004 2012	15600-39100	02/07/2007	NMU/18/870/10 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	OBC
4	Rajput S. H.	26/10/1984	Asstt. Prof.	B.E. Comp. M. E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2007 2012	15600-39100	20/02/2008	NMU/18/347/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
5	Sangore Rohidas B.	18/09/1985	Asstt. Prof.	B.E. I.T. M.Tech. (I.T)	I-Class I-Class	N.M.U. R.G.P.V. BHOPAL	2008 2014	15600-39100	17/07/2009	NMU/18/346/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	NT
6	Ms.Tejashri A.Patil	22/09/1993	Asstt. Prof.	B.E. Comp. Engg. M. E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2014 2017	15600/- Cons.	15.07.2019		No	OPEN
7	Ms.Sanaparveen M. Deshmukh	16/04/1993	Asstt. Prof.	B.E M. E. (CS&E)	I-Class I-Class	N.M.U. N.M.U.	2015 2017	15600/- Cons.	15.07.2019		No	OPEN
8	Nikhil Dilip Kasar	18.11.1992	Asstt. Prof.	B.E Comp. M.Tech. (Comp.)	I-Class I-Class	N.M.U. R.G.P.V. BHOPAL	2015 2018	15600/- Cons.	15.07.2019		No	OBC
9	Ms.Dhanshri G.Sapkale	05.02.1997	Asstt. Prof.	B.E Comp.	I-Class	KBCNMU	2019	12000/- Cons.	29.07.2019		No	SBC

Name of the Department: Electrical Engineering Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr. P.J. Shah	11/08/1967	Professor & HOD	B.E. (Ind.Electronics) M.E. (Power Electronices) Ph.D	I-Class I- Class	Amaravati Indore Bhopal	1989 1997 2014	37400-67000	01/08/1995	NMU/18/J- 4/644/06, Dt-20-3-2006 Wef -9.2.2004 NMU/18/1074/2009 Dt.30.9.09 Wef 22.6.09	Yes, as Lecturer & Assistant Prof.	OPEN
02	Dr. P. V. Thakre	19/07/1970	Professor	B. E. M.Tech. Ph.D	I-Class I- Class	Nagpur MANIT Bhopal	1996 2006 2015	37400-67000	16/07/2007	NMU/18/352/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
03	V.S. Pawar	08/04/1971	Associate Prof.	B.E. Electrical M.E. Electrical (EPS)	I-Class I- Class	Amaravati Amaravati	1994 2001	37400-67000	16/08/1999	NMU/18/J- 4/621/03, Dt.18.02.03 Wef-15.02.2002 NMU/18/1118/08 Dt. 27-11-08 Wef-28.08.2008	Yes, as Lecturer & Assistant Prof.	OPEN
04	M.M. Aansari	11/10/1973	Asstt. Prof.	B.E. Electrical M.E. Electrical (EPS)	I-Class I- Class	Amaravati Amaravati	1996 2009	15600-39100	05/07/2001	NMU/18/J- 4/581/06, Dt. 06/03/06 Wef-09.02.2004	Yes, as Lecturer	OPEN

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
05	Suhas M. Shembekar	31/08/1976	Asstt. Prof.	B.E.Electrical M.E. Electrical (EPS)	I-Class I- Class	Amravati Aurangabd	1999 2011	15600-39100	01/01/2009	NMU/18/363/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
06	Nilesh S.Mahajan	17/05/1986	Asstt. Prof.	B.E.Electrical M.E. Electrical (EPS)	I- Class F.W.D.	N.M.U. A,Bad.	2009 2012	15600-39100	15/07/2013	NMU/18/546/201 6, Dt. 13.06.2016. Wef-17.03.2016	Yes, as Asstt. Prof.	OPEN
07	Dhanesh S. Patil	23/07/1983	Asstt. Prof.	B.E. Electrical M.E. Electrical (EPS)	I-Class I- Class	N.M.U. N.M.U.	2007 2017	15600-39100	11/12/2007	NMU/18/364/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
08	Amit Suhas Borole	29/08/1990	Asstt. Prof.	B.E. Electrical M.Tech. (EPS)	F.W.D. 7.75 CGPA	N.M.U. Pune	2012 2015	15600-39100	23/07/2018		No	OBC
09	Ms. Abhilasha N.Salunkhe	04/10/1993	Asstt. Prof.	B.E. Electrical M.E. Electrical (EE)	F.W.D. 72.83 CGPA	N.M.U. N.M.U.	2015 2018	15600/- Con.	15.07.2019		No	OBC
10	Bhooshan Dileep Darkonde	03.03.1989	Asstt. Prof.	B.E. Electrical	I- Class	RTM, Nagpur	2011	15600/- Con.	15.07.2019		No	OBC
11	Sukhdev Nirbheram Joshi	15.02.1996	Asstt. Prof.	B.E. Electrical M.E.(EPS)	I- Class I- Class	Gujrath Technological Gujrath Technological	2017 2019	15600/- Con.	15.07.2019		No	OBC
12	Ms.Tejal Dinesh Patil	31.05.1996	Asstt. Prof.	B.E. Electrical M.Tech. (EECS)	I- Class 8.10 CGPA	N.M.U. Walchand, COE,Sangli	2017 2019	15600/- Con.	15.07.2019		No	OBC
13	Ms.Vrushali Pramod Mahajan	13.10.1995	Asstt. Prof.	B.E. Electrical M.Tech. (EECS)	I- Class 7.09 CGPA	N.M.U. Walchand, COE,Sangli	2017 2019	15600/- Con.	15.07.2019		No	OBC
14	Ms.Puja R.Chauhan	24.01.1997	Asstt. Prof.	B.E. Electrical	I- Class 8.57 CGPA	N.M.U.	2018	12000/- Con.	15.07.2019		No	OPEN

Name of the Department: Electronics & Telecommunication Engg. Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr.S.R. Suralkar	28/10/1966	Professor & HOD	B.E. Electronics M.E. Control & Inst Ph.D.(E&TC)	I-Class I- Class	Amaravati Alahabad N.M.U.	1989 1998 2015	37400-67000	17/08/1991	NMU/95/5/APP/4013, Dt.5.5.95 Wef-05.05.1995. NMU/18/J-4/580 /06, Dt. 06-03-06 Wef-09.02.2004 NMU/18/619 /16, Dt. 29-06-2016 Wef-21.03.2016	Yes, as Lecturer & Assistant Prof. &	OPEN
02	Dr. M.P. Deshmukh	20/06/1966	Professor	B.E. Electronics M.E.Control Inst. Ph.D.(E&TC)	I-Class I- Class	Amaravati Alahabad N.M.U.	1989 1997 2014	37400-67000	01/07/1996	NMU/95/97/618, Dt.16.1.92 Wef-16.1.92 NMU/18/1117/08 Dt. 27-11-08 Wef 28.08.08	Yes, as Lecturer & Assistant Prof.	OPEN
03	Dr. V.M. Deshmukh	17/06/1965	Associate Prof.	B.E. Electronics M.E. Control Inst. Ph.D. (Electronics Engg.)	I-Class I- Class	Amaravati Kolhapur N.M.U.	1990 1996 2017	37400-67000	01/08/1998	NMU/18/J-4/579/06, Dt. 06-03-06 Wef –9.2.2004 NMU/18/1075/2009 Dt.30.9.09 Wef 1.7.09	Yes, as Lecturer & Assistant Prof.	OPEN
04	D.U.Adokar	31/03/1965	Associate Prof.	BE Electronics ME Electronics	I-Class I- Class	Nagpur Amaravati	1987 2001	37400-67000	01/07/2009	NMU/18/1564/2010, dt. 06/10/10 Wef- 17.07.2010	Yes, as Asstt. Prof.	OPEN

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
05	N.M. Kazi	22/06/1972	Asstt. Prof.	B.E. Electronics M.E. E&TC	I-Class I- Class	N.M.U. Aurangabad	1995 2008	15600-39100	01/08/2002	NMU/18/J-4/4708/5 Dt. 07-06-05 Wef 1.2.2004	Yes, as Lecturer	OPEN
06	Dr.Pankaj H. Zope	24/06/1975	Asstt. Prof.	B.E. Ind Elec. M.E.(Digital Electronices) Ph.D	I-Class I- Class	Aurangabad Amaravati Jodhapur	1999 2007 2012	15600-39100	01/07/2003	NMU/18/557/2007,dt. 28/03/2007 Wef- 17.07.2006	Yes, as Lecturer	OPEN
07	Atul H. Karode	01/06/1976	Asstt. Prof.	B.E. Electronics M.E.E&TC	I-Class I- Class	N.M.U. Amaravati	1999 2011	15600-39100	02/07/2003	NMU/18/556/2007,dt. 28/03/2007 Wef- 17.07.2006	Yes, as Lecturer	OPEN
08	Amol C. Wani	30/07/1976	Asstt. Prof.	B.E. Electronics M.E. E&TC	I-Class I- Class	N.M.U. Aurangabad	1999 2008	15600-39100	09/06/2003	NMU/18/ 558/2007 Dt 28/03/07 Wef 17.07.06	Yes, as Lecturer	OPEN
09	Surendra P. Ramteke	31/03/1979	Asstt. Prof.	B.E. E&TC M.E. (Digital Electronices)	I-Class I- Class	Amaravati Amaravati	2003	15600-39100	13/02/2004	NMU/18/J-4/4307/04, Dt. 02-09-04 Wef 13.2.2004	Yes, as Lecturer	SC
10	Mrs. Mayuri T.Deshmukh	23/09/1984	Asstt. Prof.	B.E. E.& TC. M.E.(Digital Electronics)	I-Class I- Class	N.M.U. N.M.U.	2006 2012	15600-39100	02/07/2007	NMU/18/353/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
11	Sunil K.Khode	01/01/1979	Asstt. Prof.	B.E. E&TC M.E.(Digital Electronics)	I-Class I- Class	Amaravati Amaravati	2003 2012	15600-39100	01/06/2007	NMU/18/349/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	SC

Name of the Department: Mechanical Engg. Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr.S.P. Shekhawat	03/05/1974	Professor & Vice Principal	B.E. Mechanical M.E. M/c Design. Ph.D.in Mech.	I-Class I-Class 	Amaravati N.M.U. N.M.U.	1997 2008 2014	37400-67000	15/07/1999	NMU/18/J-4/621/03, Dt. 18-02-03 Wef 15.02.2002 NMU/18/540/2016, Dt. 13.06.2016 . Wef-21.03.2016	Yes, as Lecturer & Professor	OPEN
02	N.K. Patil	23/09/1969	Associate Prof. & HOD	B.E. Production M.Tech. Energy Mangment M.E. M/c Design.	I-Class I-Class I-Class	Pune Indore NMU	1991 1995 2008	37400-67000	08/01/1997	NMU/18/1003/2006 Dt.25.05.06 Wef 09.02.2004 NMU/18/321/2010 Dt.10.03.2010 Wef 15.09.2009	Yes as Lecturer & Assistant Prof.	OBC
03	K.Shrivastav	07/11/1973	Associate Prof.	B.E. Mechanical M.E. (Thermal Power)	I-Class I-Class	Amaravati N.M.U.	1997 2008	37400-67000	08/01/1998	NMU/18/J-4/4313/04, Dt. 01-09-04 Wef – 09.02.2004	Yes, as Lecturer	OPEN
04	Dr. P.G. Damle	08/10/1973	Associate Prof.	B.E. Mechanical M.E. M/c Design. Ph. D.	I-Class I-Class 	Amaravati N.M.U. N.M.U.	1996 2008 2017	37400-67000	15/02/2002	NMU/18/J-4/621/03, Dt. 18.2.2002 Wef –15.02.2002 NMU/18/1071/2009 Dt.30.9.09 Wef –22.6.09	Yes, as Lecturer & as AP	SC
05	Mahesh V. Rawlani	07/06/1970	Associate Prof.	B.E. Production M.E. (A.P.S.)	I-Class I-Class	Amravati Bhopal	1993 2005	37400-67000	01/07/2006	NMU/18/1139/08, dated 03-12-08 Wef -29.08.2008	Yes, as a Lecturer	OPEN
06	Prashant N. Ulhe	09/03/1974	Asstt. Prof.	B.E. Production M.E. M/c Design.	I-Class I-Class	Amaravati N.M.U.	1996 2008	15600-39100	02/06/2003	NMU/18/1073/2009, dt. 30/09/2009 Wef- 25.06.2009	Yes, as a Lecturer	OPEN
07	Devendra B. Sadaphale	01/07/1976	Asstt. Prof.	B.E. Mechanical M.E M/c Design	I-Class I-Class	Amaravati N.M.U.	1998 2008	15600-39100	20/02/2002	NMU/18/J-4/621/03, Dt. 18-02-03 Wef -20.02.2002	Yes, as Lecturer	SBC

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
08	P. M. Solanki	06/10/1981	Asstt. Prof.	B.E. Production M.E. CAD/CAM	I-Class I-Class	N.M.U. Amravati	2004 2006	15600-39100	08/08/2006	NMU/18/1140/08, dated 03-12-08 Wef -29.08.2008	Yes, as a Lecturer	OPEN
09	Patil Pravin D.	30/03/1980	Asstt. Prof.	B.E. Mechanical M.E. CAD/CAM	I-Class I-Class	NMU Amravati	2004 2007	15600-39100	25/08/2008	NMU/18/1141/2008 Dated 03-12-08 Wef- 29.08.2008	Yes as Lecturer	OPEN
10	Mahesh V. Kulkarni	23/07/1979	Asstt. Prof.	B.E. Mechanical M.E. (HPE)	I-Class I-Class	RGPVV COEP Pune	2002 2005	15600-39100	01/12/2012	NMU/18/620/2016 Dt. 29.06.2016 Wef- 17.03.2016	Yes, as Asstt. Prof.	OPEN
11	Ajay Bhardwaj	05/07/1968	Asstt.Prof	B. E. Production M.E. M/c Design	I-Class I-Class	Pune N.M.U.	1999 2012	15600-39100	01/08/2007	NMU/18/326/10 Dt. 10.03.2010 Wef- 19.09.2009	Yes,as Lecturer	OPEN
12	Dipak C. Talele	19/06/1987	Asstt. Prof.	B.Tech. Mechanical M.Tech. CAD//CAM	II- Class I- Class	Pune Vellore, Tamilnadu	2009 2012	15600-39100	15/07/2013	NMU/18/541/2016 Dt. 13.06.2016 Wef-17.3.2016	Yes, as Asstt. Prof.	OBC
13	Chandan K. Mukherjee	09/03/1963	Asstt. Prof.	B. Sc.Mechanical M.B.A. M.E. M/c Design	I-Class II- Class I-Class	Ranchi University B.I.T. Meshra N.M.U.	1985 1987	15600-39100	25/08/2008	NMU/18/863/10 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
14	Dr. Prashant P.Bornare	01/06/1979	Asstt. Prof.	B.E. Mechanical MBA MarketingPh.D	I-Class I-Class	N.M.U. N.M.U.	2000 2005	15600-39100	15/01/2007	NMU/18/324/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OBC
15	Akhilesh V.Rajput	06/01/1989	Asstt. Prof.	B.E. Mechanical M.E. M/c Design.	I-Class I-Class	N.M.U. N.M.U.	2011 2015	15600-39100	06/07/2015	NMU/18/542/2016 Dt. 29.06.2016 Wef- 17.03.2016	Yes,as Asstt. Prof.	OPEN
16	Ajay Janakrao Puri	11/03/1990	Asstt. Prof.	B.E. Mechanical M.E. Production	I-Class FWD	DBA, A,Bad DBA, A,Bad	2011 2016	15600-39100	16/03/2016	NMU/18/617/2016 Dt. 29.06.2016 Wef- 16.03.2016	Yes,as Asstt. Prof.	NT(B)1
17	Tejas Galu Patil	19/08/1988	Asstt. Prof.	B. E. Mech M.E.(TM)	I-Class I-Class	Pune N.M.U.	2011 2014	15600-39100	16/03/2016		No	OBC
18	Abhinav D.Sardar	05/10/1988	Asstt. Prof.	B.E. Mechanical M.E. Thermal	7.96 CGPA 7.20 CGPA	SGBU Amaravati RTM Nagpur	2016 2013	15600/- Cons.	18/07/2019		No	SC
19	Smit Manohar Arbat	26/07/1988	Asstt. Prof.	B. E. Mech ME CAD/CAM.	I-Class I-Class	SGBU Amarawati SGBU Amarawati	2012 2015	15600/- Cons.	15.07.2019		No	OBC
20	Tushar Dattatray Tayade	06.09.1989	Asstt. Prof.	B.E. Mechanical M.E. M/c Design.	I-Class I-Class	N.M.U. N.M.U.	2012 2018	15600/- Cons.	15.07.2019		No	SC
21	Shadab Shaikh Bismillah	23.10.1990	Asstt. Prof.	B.E. Mechanical M.E. Thermal	I-Class I-Class	N.M.U. N.M.U.	2012 2018	15600/- Cons.	15.07.2019		No	OPEN

Name of the Department: Chemical Engineering Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr. Vijay R. Diware	10/10/1965	Associate Prof. & I/C HOD	B.Tech. Chemical Ph.D.(Chem.Tech.	I -Class	Amaravati N.M.U.	1988 2008	37400-67000	23/08/1999	NMU/18/ 555/07 Dt. 28/03/07 Wef- 17.07.2006	Yes, as Lecturer	OPEN
02	Dr.S.A. Thakur	17/09/1968	Asstt. Prof.	B.Tech. Chemical M.B.A. M.Tech. (Chem.) Ph D.	I -Class I -Class 8.31	Amaravati Nagpur Amaravati NMU	1989 1992 2014 2012	15600-39100	03/08/1998	NMU/18/ J-4/ 4290/04 Dt. 2.9.2004 Wef- 11.2.2004	Yes, as Lecturer	OPEN
03	V. P. Sangore	29/12/1972	Asstt. Prof.	B.Sc Chem M.Sc. Poly.Chem	I -Class Pass Class	N.M.U. N.M.U.	1993 1996	15600-39100	16/08/1999	NMU/18/871/10 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	VJNT
04	Dr. N.Y. Ghare	14/01/1968	Asstt. Prof.	B.Tech.Chemical M.E. Chemical Engg. Ph.D. Chemical Engg.	I-Class AGrade 	Nagpur Nagpur N.M.U.	1990 1996 2017	15600-39100	10/07/2008	NMU/18/365/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
05	Parveg Amgad Ansari	05.04.1994	Asstt. Prof.	B.Tech. Chemical M.Tech. Chemical	8.85 CGPA 7.80 CGPA	Amaravati KBC NMU	2016 2019	15600/- Cons.	15.07.2019		No	OPEN
06	Ms.Priyanka G.Thakare	12.02.1992	Asstt. Prof.	B.Tech. Chemical M.Tech. Chemical	I-Class 8.85 CGPA	Amaravati Amaravati	2013 2018	15600/- Cons.	15.07.2019		No	OBC

Name of Department: Biotechnology Engg.

Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Jayant P. Parpalliwar	22/07/1986	Asstt. Prof.	B. Tech. Bio- Tech ME Biochem& Biotech	I-Class I-Class	J.N.T.U. Hyd. Shivaji University, Kolhapur	2008 2019	15600- 39100	01/07/2009	NMU/18/865/2010 Dt. 22.05.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
03	Mrs. Sarika S. Pawar	15/01/1982	Asstt.Prof	B Tech. Chemical M.Tech Chemical	I-Class I-Class	N.M.U. N.M.U.	2004 2009	15600- 39100	01/07/2011	NMU/18/535/2016 Dt.13.06.2016. Wef- 18.03.0216	Yes,as Asst. Prof.	OPEN
02	Gaurav Dilip Khodpe	04/02/1988	Asstt. Prof.	B.Tech. Biotech M.Tech. Biotech	I-Class I-Class	D.D.Patil University, Mubai. Aurangabad	2010 2012	15600- 39100	06/07/2015	NMU/18/536/2016 Dt.13.06.2016 Wef- 18.03.0216	Yes,as Asst. Prof.	OPEN
04	Mrs.Sakina Husain (Biology)	04/02/1975	Asstt. Prof.	B.Sc. M.Sc (Biochemistry)	I-Class I-Class	Amravati University Amravati University	1996 1998	15600/- Cons.	15/07/2019		No	OPEN
05	Ms.Neeta M. Buwa (Biology)	10.03.1996	Asstt. Prof.	B.Sc. M.Sc (Microbiology)	I-Class 4.50 (65.25WP)	K.B.C.N.M.U K.B.C.N.M.U	2017 2019	15600/- Cons.	15/07/2019		No	NT-B
06	Ms.Vrundavani Kailas Koli	28.08.1998	Asstt. Prof.	B.E.Bio-Tech.	8.22 (70.74WP)	K.B.C.N.M.U	2019	12000/- Cons.	15/07/2019		No	SBC
07	Ms.Ashwini Jitendra Patil	19.12.1996	Asstt. Prof.	B.E.Bio-Tech.	7.53 (64.79WP)	K.B.C.N.M.U	2019	12000/- Cons.	15/07/2019		No	OBC

Name of department: Applied Science Department Academic Year 2019-2020

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr.K. S. Patil	14/05/1974	Asstt.Prof	M. Sc. (Physics) Ph.D.	I-Class 	N.M.U Jodhpur National University	1996 2012	15600-39100	07/07/2000	NMU/18/J-4/621/03, Dt. 18-02-03 Wef- 15.02.2002	Yes, as Lecturer	OPEN
02	Y. K. Chitte	01/06/1969	Asstt.Prof	M.A. (English)	Higher II- Class	Pune	1997	15600-39100	06/07/2000		No	OPEN
03	Dr. Sunita S. Patil	12/05/1975	Asstt.Prof	M.Sc.Maths M. Phil (Maths) Ph.D. (Maths)	I-Class II-Class	N.M.U. Alagppa N.M.U.	1998 2010 2016	15600-39100	14/09/2001	NMU/18/J-4/621/03, Dt. 18-02-03 Wef- 15.02.2002	Yes, as Lecturer	OPEN
04	C.U. Nikam	05/06/1973	Asstt.Prof	M.Sc. (Physics)	I-Class	A'bad	2001	15600-39100	25/08/2008	NMU/18/1145/2008, dt. 03/12/08 Wef- 26.08.2008	Yes as a Lecturer	SC
05	Ms. Deepmala I. Desai	10/10/1979	Asstt.Prof	M.Sc.(Chemistry) M.Phil (Maths)	I-Class A-Grade	N.M.U. N.M.U.	2004 2009	15600-39100	26/08/2008	NMU/18/1144/2008, dt. 03/12/08 Wef- 26.08.2008	Yes as a Lecturer	SC
06	Mahendra B. Patil	01/06/1985	Asstt.Prof	M.Sc. (Physics)	I-Class	N.M.U.	2009	15600-39100	27/07/2010	NMU/18/1563/2010, dt. 06/10/10_Wef- 27.07.2010	Yes, as Asst.Prof.	OPEN
07	Ms. Meera V. Deshpande	10/06/1975	Asstt.Prof	M.Sc.Maths M.Phil (Maths)	I-Class II-Class	N.M.U. Alagppa	1997 2008	15600-39100	01/07/2011	NMU/18/362/10 Dt. 10.03.2010 Wef- 15.09.2009	Yes,as Lecturer	OPEN
08	Mali Anil Raju	17/10/1987	Asstt. Prof.	M.Sc. (Chemistry)	I-Class	N.M.U.	2010	15600-39100	06/07/2015	NMU/18/537/2016 Dt.13.06.2016 Wef- 17.03.0216	Yes,as Asst. Prof.	OPEN

Sr. No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
09	Ujawalsing T. Patil	10/07/1985	Asstt. Prof.	M.Sc. (Org.Chemistry)	I-Class	N.M.U.	2008	15600-39100	06/07/2015	NMU/18/538/2016 Dt.13.06.2016 Wef- 17.03.0216	Yes,as Asst. Prof.	OPEN
10	Dr. A.V. Khambayat	11/02/1972	Asstt. Prof.	M.Sc. (Maths) M.Phil (Maths)	I-Class I-Class	N.M.U. BAMU A,Bad	1996 2006	15600-39100	16/07/2018		No	OBC
11	Ms.Tanuja Y. Chouhan	03/04/1985	Asstt. Prof.	M.A. (English)	I-Class	DAVV Indore	2012	15600/- Cons.	15/07/2019		No	OPEN
12	Ms.Reema S.Adakmol	24/12/1989	Asstt. Prof.	M.A. (English)	I-Class	N.M.U.	2015	15600/- Cons.	15/07/2019		No	SC
13	Ms.Kanchan Sanjay Kulkarni	06/04/1996	Asstt. Prof.	M.Sc. (Maths)	8.78 CGPA	K.B.C.N.M.U.	2019	15600/- Cons.	15/07/2019		No	OPEN
14	Pandhari P.Bagul	15/04/1992	Asstt. Prof.	M.Sc. (Maths)	4.96 CGPA	K.B.C.N.M.U.	2015	15600/- Cons.	15/07/2019		No	OBC

Name of the Department: M.B.A. Academic Year 2019-2020

Sr No	Name of staff	Date of Birth	Designation	Qualification	Class	University	Year of Passing	Pay Scale	Date of Joining	University Approval No. & Date	Whether approved by University (Yes/No)	Category
01	Dr.Vishal Sunil Rana	15/12/1980	Associate Prof. & I/C HOD	M.B.A. (Marketing) M.Com Ph.D (Mgmt Sci.)	I-Class I-Class	NMU DBAU Aurangabad NMU	2005 2006 2014	37400- 67000	01/07/2009	NMU/18/1070/2009 Dt.30.9.09 Wef 1.7.09 NMU/18/616/2016 Dt. 29.06.2016 Wef- 22.03.2016	Yes, as Lecturer Associate Prof.	Open
02	Dr. Richa A. Modiyani	30/04/1987	Asstt.Prof	M.B.A. Finance Ph.D.(Sindhi Community)	I-Class	NMU NMU	2009 2016	15600- 39100	01/07/2011	NMU/18/547/2016 Dt.13.06.2016 Wef- 17.03.0216	Yes,as Asst. Prof.	Open
03	Dr.Saroj B. Patil	28.05.1974	Asstt. Prof.	M.C.M. Ph.D. (Mgt.Studies)	I-Class	NMU NMU	1998 2012	15600- 39100	02.05.2014		No	Open
04	Ms.Faroza A. kazi	16/02/1975	Asstt. Prof.	M.B.A. (H.R) M P M (H.R.)	I-Class I-Class	NMU NMU	2012 2000	15600- 39100	06/07/2015		No	Open
05	Mukesh B.Ahirrao	24/06/1984	Asstt. Prof.	M.B.A. Finance	I-Class	NMU	2009	15600- 39100	06/07/2015		No	Open
06	Ms. Priya K. Patil	29.10.1992	Asstt. Prof.	B.Com. M.B.A. (H.R)	I-Class I-Class	NMU Pune	2014 2016	15600/- Cons.	15.07.2019		No	OBC
07	Ms Seema Kashinath Sonar	04.05.1994	Asstt. Prof.	B.Com. M.B.A. Finance	I-Class I-Class	Pune NMU	2014 2016	15600/- Cons.	15.07.2019		No	OBC

Name of department: Sports Academic Year 2019-2020

Sr	Name of staff	Date of	Designation	Qualification	Class	University	Year of	Pay	Date of	University	Whether	Category
No		Birth					Passing	Scale	Joining	Approval No.&Datee	approved by University	
										No.&Datee	(Yes/No)	
01	J.B. Sisodiya	01/06/1963	Phy.Director	B.A.	II-Class	Poona	1989	37400	24/11/1994	NMU/18/1669/06,	Yes as a	OPEN
				BPEd	II-Class	Poona	1992	-		dated 09/12/06	Phy.Dir.	
				MPEd	I-Class	NMU	2000	67000		Wef 09.02.2004		

Name of department: Library

Sr	Name of staff	Date of	Designation	Qualification	Class	University	Year of	Pay	Date of	University	Whether	Category
No		Birth					Passing	Scale	Joining	Approval	approved by	
										No.&Datee	University	
											(Yes/No)	
01	Dr. Sudhir.S.Patil	01/06/1978	Librarian	M.Lib.	I-Class	NMU	2003	15600	01/07/2003	NMU/18/215/07,	Yes as a	OPEN
				Ph.D.		NMU	2017	-		dated 08/02/07 Wef	Librarian	
								39100		<u>17.07.2006</u>		

Staticstical Information of Faculty, 2019-2020 As on 31.07.2019

Sr. No.	Department	Professor	Associate Prof.	Asst. Prof.	Total
01	Civil Engineering	03	01	15	19
02	Computer Engineering	02	03	20	25
03	InformationTechnology	01	01	07	09
04	Electrical Engineering	02	01	11	14
05	E&TC	02	02	07	11
06	Mechanical Engineering	01	04	16	21
07	Chemical Engineering		01	05	06
08	Biotechnology Engineering			07	07
09	Applied Science			14	14
10	M.B.A.		01	06	07
	Total	11	14	108	133

Principal - 01

Total Faculty: - $\underline{133}$ +01(Principal) = 134

(University Approved Librarian-01, University Approved Physical Dirrector-01)

Staticstical Information of Faculty, 2019-2020

Sr. No.	Department	Approved Faculty	Regular but not approved Faculty	Contractaul Faculty	Total
01	Civil Engineering	08	01	10	19
02	Computer Engineering	18		07	25
03	InformationTechnology	05		04	09
04	Electrical Engineering	07	01	06	14
05	E&TC	11			11
06	Mechanical Engineering	16	01	04	21
07	Chemical Engineering	04		02	06
08	Biotechnology Engineering	03		04	07
09	Applied Science	08	02	04	14
10	M.B.A.	02	03	02	07
	Total	82	08	43	133

(University Approved Principal-01, University Approved Librarian-01, University Approved Physical Dirrector-01)

Total Faculty: - $\underline{133}$ +01(Principal) = 134

Staticstical Information of Faculty, 2019-2020 As on 31.07.2019

Sr. No.	Department	Professor	Associate Prof.	Asst. Prof.	Total
01	Civil Engineering	03	01	15	19
02	Computer Engineering	02	03	20	25
03	InformationTechnology	01	01	07	09
04	Electrical Engineering	02	01	12	15
05	E&TC	02	02	07	11
06	Mechanical Engineering	01	04	16	21
07	Chemical Engineering		01	05	06
08	Biotechnology Engineering			07	07
09	Applied Science			14	14
10	M.B.A.		01	06	07
	Total	11	14	109	133

Principal - 01

Total Faculty: - 133+01 (Principal) = $\underline{134}$

(University Approved Librarian-01, University Approved Physical Dirrector-01)

Staticstical Information of Faculty, 2019-2020

03	InformationTechnology Electrical Engineering	05	01	04	09 14
05 06	E&TC Mechanical Engineering	11 16	01	04	21
07 08	Chemical Engineering Biotechnology Engineering	04		02 04	06 07
09	Applied Science	08	02	04	14
10	M.B.A. Total	02 82	03 08	02 43	133

(University Approved Principal-01, University Approved Librarian-01, University Approved Physical Dirrector-01)

Total Faculty: - 133+01(Principal) = 134

SSBTS COLLEGE OF ENGG. & TECH., BAMBHORI, JALGAON. Staticstical Information of Faculty, 2019-2020

Civil Engineering	04	07	08	19
Computer Engineering	03	18	04	25
InformationTechnology	02	06	01	09
Electrical Engineering	02	08	04	14
E&TC	04	07		11
Mechanical Engineering	03	18		21
Chemical Engineering	03	03		06
Biotechnology Engineering		05	02	07
Applied Science	03	11		14
M.B.A.	03	04		07
Total	27	88	19	133
	Computer Engineering InformationTechnology Electrical Engineering E&TC Mechanical Engineering Chemical Engineering Biotechnology Engineering Applied Science M.B.A.	Computer Engineering 03 InformationTechnology 02 Electrical Engineering 02 E&TC 04 Mechanical Engineering 03 Chemical Engineering 03 Biotechnology Engineering Applied Science 03 M.B.A. 03	Computer Engineering 03 18 InformationTechnology 02 06 Electrical Engineering 02 08 E&TC 04 07 Mechanical Engineering 03 18 Chemical Engineering 03 03 Biotechnology Engineering 05 Applied Science 03 11 M.B.A. 03 04	Computer Engineering 03 18 04 InformationTechnology 02 06 01 Electrical Engineering 02 08 04 E&TC 04 07 Mechanical Engineering 03 18 Chemical Engineering 03 03 Biotechnology Engineering 05 02 Applied Science 03 11 M.B.A. 03 04

Faculty-133 Principal-01 Phy.Dir.-**01** Librarian-01

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For each Faculty give a page covering Name: Dr. KIRAN SAHEBRAO PATIL

- 1. Date of Birth: 14th MAY 1974
- 2. Educational Qualification: M. Sc.(PHYSICS.) Ph.D.



- Teaching --20 years
- Research ---10 years
- Industry -- --
- Others -----
- 4. Area of Specializations: Physics with Electronics
- 5. Subjects teaching at Under Graduate Level:
 - i) Applied Physics-II ii) Applied Physics-II
 - iii)Environmental Studies.

Post Graduate Level: -

6. Research guidance: Not Applicable

No. of papers published in

- National Journals
- -International Journals -10
- Conferences -04

Master's Ph.D.

Projects Carried out : Patents :

- 7. Technology Transfer: -
- 8. Research Publications: -
 - i) International Journals:

9.No. of Books published with details : --

- 11.Research Publications: -
 - i) International Journals: 06

12.No. of Books published with details: 01

1.Name:SUNITA SAHEBRAO PATIL

2.Date of Birth: 12 MAY 1975

3.Educational Qualification: M.Sc.(Maths.) B.Ed. M.Phil
Ph.D.

4.Work Experience:
- Teaching -- 20 years
- Research --06 yrs
- Industry
- Others -
5.Area of Specializations: Mathematics

6.Subjects teaching at Under Graduate Level:
i) Engineering Maths-I ii) Engineering Maths-II
iii) Engineering Maths-III iv) NACM v) Biostatistics

Post Graduate Level: --

7.Research guidance : Not Applicable

No. of papers published in

- National Journals-Nil

-International Journals -08

-Conferences- 05

12.No. of Books published with details : -

i) International Journals -08

Masters's Ph.D.

8. Projects Carried out: - -

10.Technology Transfer: -- 11.Research Publications: --

9.Patents: --

For each Faculty give a page covering

Name: CHANDRASHEKHAR. UTTAMRAO. NIKAM.

- 1 Date of Birth: 05/06/1973
- 2 Educational Qualification: M.Sc.(Physics), B.Ed,



- i) Teaching 15 Years
- ii) Research -----
- iii) Industry -- --
- iv) Others----
- 4 Area of Specializations: Nuclear Physics

Subjects teaching at Under Graduate Level:- i) Applied Physics-I

ii) Applied Physics-II iii)Environmental Studies. iv) Optics v) Quantum mech., vi)Mathematical Phy., vii) Nuclear Physics.

Post Graduate Level: - Nuclear Physics

6. Research guidance: Not Applicable

Master's

Ph.D.

Projects Carried out:

Patents:

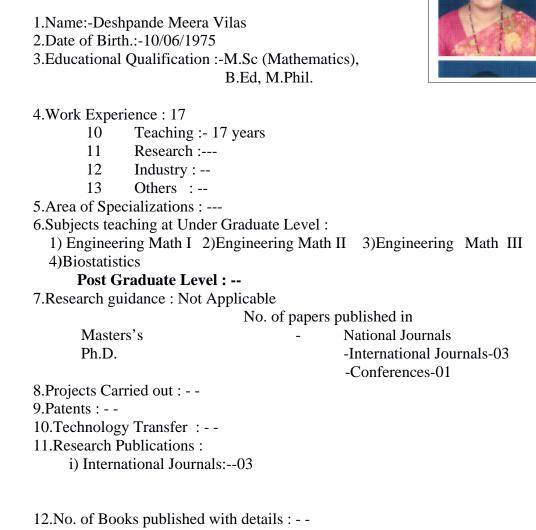
- 9 Technology Transfer: --
- 10 Research Publications: -
 - i) International Journals:
- 9. No. of Books published with details: --
- 1. Research Publications: -
 - i) International Journals
- 2. No. of Books published with details : -



Nuclear Physics.

No. of papers published in

- National Journals -02
- International Journals-01
- Conferences -01



For each Faculty give a page covering

1. Name: Yeshwant Kondusing Chitte

2.Date of Birth: 2nd June 1969

3.Educational Qualification: M.A.(English), L.L.B., B.C.J.



1. Work Experience:

Teaching --15 yrs Research -----Industry -- --

Others----

- 2. Area of Specializations: English Literature
- 3. Subjects teaching at Under Graduate Level:
 - Professional Communication Post Graduate Level: --
- 4. Research guidance: Not Applicable

Master's Ph.D.

No. of papers published in - National Journals

- International Journals

Conferences

Projects Carried out:

Patents:

- 7. Technology Transfer: --
- 8. Research Publications : -- International Journals :

No. of Books published with details : -- Research Publications : --

International Journals

11.No. of Books published with details: --

For each Faculty give a page covering

Name: DEEPMALA ISHVARLAL DESAI

01. Date of Birth: 06th Oct 1979

02. Educational Qualification: M. Sc. (Chemistry)

M.Phil



- 03 Work Experience:
 - i) Teaching --11 yrs
 - ii) Research ---
 - iii) Industry -- --
 - iv) Others----
- 04 Area of Specializations: -Inorganic Chemistry
- O5 Subjects teaching at Under Graduate Level: Applied Chemistry-I ii) Applied Chemistry-II
 - iii)Environmental Studies.

Post Graduate Level: --

06 Research guidance: Not Applicable

Master's Ph.D.

No. of papers published in National Journals -01

International Journals- 03 Conferences-02

07 Projects carried out:

Patents:

08. Technology Transfer: - -

09 Research Publications: --

i) International Journals: 03

Research Publications : -International Journals

11.No. of Books published with details : - -

For each Faculty give a page covering

Name: MAHENDRA BALU PATIL 01. Date of Birth: 01 ST JUNE 1985

02. Educational Qualification: M. Sc. (PHYSICS.)



03. Work Experience:

- Teaching --9 yrs v)
- Research ---05 vi)
- Industry -- -vii)
- viii) Others----
- Area of Specializations: ENERGY STUDIES
- Subjects teaching at Under Graduate Level:

Physics

Post Graduate Level: --

06. Research guidance: Not Applicable

Master's Ph.D.

Projects carried out:

Patents:

- 07. Technology Transfer: -
- Research Publications: -
 - i) International Journals: 02

9.No. of Books published with details : --

- 11 Research Publications : --
 - 8. International Journals

11.No. of Books published with details : - -

No. of papers published in

- **National Journals**
- International Journals-02
- Conferences

For each Faculty give a page covering

Name: Ujwalsing Tryambak Patil

01. Date of Birth: 10th July 1985

02. Educational Qualification: M.Sc. (Chem.)



03. Work Experience:

Teaching --7.6 yrs

Research -----

Industry-----

Other

04. Area of Specializations: - Organic Chemistry

05. Subjects teaching at Under Graduate Level:

Applied Chemistry-I ii)Applied Chemistry -II

iii)Environmental Studies.

Post Graduate Level: --

06. Research guidance: Not Applicable

Master's Ph.D.

Projects carried out:

Patents:

07. Technology Transfer: - -

08.Research Publications: --

i) International Journals: 01

9.No. of Books published with details: --

4. Research Publications: --

- International Journals

11.No. of Books published with details : - -

No. of papers published in

- National Journals

- International Journals:01

- Conferences:03

each Faculty give a page covering

Name: Anil Raju Mali

01. Date of Birth: 17th Oct 1987

02. Educational Qualification: M.Sc. (Chem.) NET, SET



- 03 Work Experience:
 - (i) Teaching --8.3 yrs
 - (ii) Research -----
 - (iii) Industry -- --
 - (iv) Others----
- 7. Area of Specializations: Organic Chemistry
- 8. Subjects teaching at Under Graduate Level: Chemistry

Post Graduate Level: --

06. Research guidance: Not Applicable

Master's Ph.D.

Projects carried out:

Patents:

- 07. Technology Transfer: -
- 8. Research Publications: -
 - i) International Journals:
- 9.No. of Books published with details: --
- 10.Research Publications: --
 - International Journals
- 11.No. of Books published with details : -

No. of papers published in
- National Journals--02
- International Journals--04

Conferences-01

1.Name:- Avinash V. Khambhayat 2.Date of Birth .:-3. Educational Qualification: -M.Sc (Mathematics), 4. Work Experience: Teaching: - 18 Years Research:---06 Years Industry: --Others:--5. Area of Specializations : -- Mathematics 6. Subjects teaching at Under Graduate Level: 1) Applied Math I 2)Applied Math II 3)Applied Math III 4) Quantitative techniques Post Graduate Level: -- Quantitative techniques 7.Research guidance: Not Applicable No. of papers published in Masters's **National Journals** Ph.D. -International Journals-06 -Conferences-14 8. Projects Carried out: --9.Patents: --10.Technology Transfer: --11.Research Publications: i) International Journals:--

12.No. of Books published with details : - -

1.Name:- Tanujakunwar Yashwantsingh Chouhan 2.Date of Birth.:- 03.04.1985 3. Educational Qualification :- M.A(English) 4. Work Experience: Teaching :- 04 10 11 Research:---12 Industry: --13 Others:--5. Area of Specializations: -- English Literature 6. Subjects teaching at Under Graduate Level: Professional Communication Post Graduate Level: --7.Research guidance: Not Applicable No. of papers published in **National Journals** Masters's Ph.D. -International Journals -Conferences 8. Projects Carried out: --9.Patents : - -10. Technology Transfer: --11.Research Publications: i) International Journals:--

12.No. of Books published with details : - -

- 1.Name:- Reema Suresh Adakmol
- 2.Date of Birth.:- 24.12.1989
- 3. Educational Qualification :- M.A(English), B.ed
- 4. Work Experience:
 - 14 Teaching:- 05
 - 15 Research:---
 - 16 Industry: --
 - 17 Others : --
- 5. Area of Specializations: -- English Literature
- 6. Subjects teaching at Under Graduate Level:

Professional Communication

Post Graduate Level: --

7.Research guidance: Not Applicable

No. of papers published in

Masters's - National Journals

Ph.D. -International Journals

-Conferences

- 8. Projects Carried out: --
- 9.Patents: --
- 10.Technology Transfer: --
- 11.Research Publications:
 - i) International Journals:--
- 12.No. of Books published with details : -



1.Name:- Bagul Pandhari Pundalik	
2.Date of Birth.:-15-04-1992	
3.Educational Qualification :- M.Sc (M	Mathematics), SET
4. Work Experience :	
Teaching :- 3 year	
Research:-	
Industry : -	
Others : -	
5.Area of Specializations :	
6. Subjects teaching at Under Graduate	e Level :
1) Math I 2) Math II	3) Math III
Post Graduate Level :	e) 1.2001 222
7.Research guidance : Not Applicable	
	of papers published in
Masters's	- National Journals
Ph.D.	-International Journals
TII.D.	-Conferences
8.Projects Carried out :	-Conferences
9.Patents:	
10.Technology Transfer:	
11.Research Publications:	
i) International Journals:	

12.No. of Books published with details : - -

1.Name:- Kanchan Sanjay Kulkarni 2.Date of Birth.:-6-04-1996 3. Educational Qualification: -M.Sc (Mathematics), 4. Work Experience: Teaching :- 6 Months Research:-Industry: -Others:-5. Area of Specializations: --6. Subjects teaching at Under Graduate Level: 1) Math I 2) Math II 3) Math III Post Graduate Level: --7.Research guidance: Not Applicable No. of papers published in Masters's **National Journals** Ph.D. -International Journals -Conferences 8. Projects Carried out: --9.Patents: --10.Technology Transfer: --11.Research Publications: i) International Journals:--

12.No. of Books published with details: --

B – BIOTECHNOLOGY



FACULTY PROFILE

1. Name: Dr. INDRASING DAGADU PATIL

2. Date of Birth : 1st June 1972

3. Educational Qualification: M.Sc. (Chem. Tech),

Ph.D. (Chem. Tech.)

4.Work Experience:

1. Teaching 22 yrs

2. Research 14 yrs

3. Industry Nil

4. Others

5. Area of Specializations : Chemical Technology, Polymer Engineering, Bioprocess Engineering

6. Subjects teaching at Under Graduate Level: i) Bioprocess calculations ii) IPR & Entrepreneurship

7. Research guidance:

		No. of papers publish	ed in
Masters	's -	National Journals:	00
	01 Completed		
Ph.D.	02 ongoing	International Journal	s: 37
	02 completed	Conferences:	30

8.Projects Carried out : - 01 (IEDC from 2012-13 to 2016-17), 02 (RGS&TC 2014 to 2016)

9.Patents :- 00

10.Technology Transfer: --

11.Research Publications: 37

FACULTY PROFILE



1. Name: Miss. Ashwini Jitendra Patil

2. Date of Birth : 19 Dec 1996

3. Educational Qualification : BE (Biotechnology)

4. Work Experience :

o Teaching 0.5

o Research ---

o Industry -- --

o Others----

5.Area of Specialization: Biotechnology

6. Subjects teaching at

Under Graduate Level:--

i) Food Biotechnology, ii) Molecular Biology.

7. Research guidance:

	No. of papers published in				
Masters's: Nil	National Journals: 00				
Ph.D.:- Nil	International Journals:-00				
	Conferences: 01				
Projects carried out:N	Projects carried out:Nil				

- 8. Technology Transfer:
- 9. Research Publications: 01
- 10. No. of Books published with details: Nil

FACULTY PROFILE



Name: Mr. Gaurav D. Khodape
 Date of Birth: 05/02/1988

3. Educational Qualification : M. Tech. (Biotechnology)

4. Work Experience:

1 Teaching 5 Year

2 Research ---

3 Industry -- --

4 Others----

5. Area of Specialization: Biotechnology

6. Subjects teaching at

Under Graduate Level:--i) Bioinformatics ii) Plant Tissue Culture iii) Bioprocess Industrial Economics & Management iv) Bioprocess Modelling and Simulation. v) Computer

Application,

Bioprocess Equipment Design, vii) Bioprocess Engineering

7. Research guidance: Not Applicable

	No. of papers published in		
Masters's: Nil	National Journals:00		
Ph.D.:- Nil	International Journals:- 04		
	Conferences: 04		
Projects carried out:			

8.Technology Transfer:

9.Research Publications: 04

10. No. of Books published with details: Nil



Name: Mr. Jayant P.Parpalliwar
 Date of Birth: 22nd July 1986

3. Educational Qualification : B.Tech . (Biotechnology) ME(Biotech & Biochem Engg) pursuing

4. Work Experience :

- o Teaching 10 Years
- o Research ---
- o Industry -- --
- o Others----

5.Area of Specialization: Biotechnology

6. Subjects teaching at

Under Graduate Level:--

i)Enzyme Engineering, ii) Molecular Biology, iii) Genetic Engineering iv) Biotechnology of Waste Treatment, v) Pharmaceutical Biotechnology, vi) Bioprocess Industries vii) Downstream Processing

7. Research guidance:

		No. of papers published in			
Mas	sters's: Nil	National Journals: 08			
Ph.	D.:- Nil	International Journals:-1			
		Conferences: 12			
Projects of	Projects carried out: 01(IEDC 2013-14 to 2016-17) 02				
	(RGS&TC 2014 to 2016)				

- 8. Technology Transfer:
- 9. Research Publications: 08
- 10. No. of Books published with details: Nil

Name: Ms. Komal D. Patil

Date of Birth: 26th October, 1994.

Educational Qualification : B.E.(Biotechnology)

4. Work Experience:

Teaching: 1.0 year Research ---Industry -- --

Others----**1. Area of Specialization:** Biotechnology

6.Subjects teaching at

Under Graduate Level:--i) Cell Biology ii) Soft Skill iii) Biochemistry iv)

Bioprocess Instrumentation & Analysis v) Fermentation Technology

vi) Biofuel & Alcohol Technology

7. Research guidance: Not Applicable

No. of papers published in

Masters's: Nil

Ph.D.:- Nil



Name: Miss Neeta Mukund Buwa
 Date of Birth: 10 March 1996

3. Educational Qualification: M.Sc. Microbiology

4. Work Experience :

o Teaching 0.5 Year

o Research ---

o Industry ----

o Others----

5.Area of Specialization: M.Sc Microbiology

6. Subjects teaching at

Under Graduate Level:--

i)Microbiology ii) Biology,

7. Research guidance:

	No. of papers published in
Masters's: Yes	National Journals: 0
Ph.D.:- Nil	International Journals:-0
	Conferences: 01
Projects carried out: Ni	1

- 8. Technology Transfer:
- 9. Research Publications: 01
- 10. No. of Books published with details: Nil



Name: Mrs. Sarika S. Pawar
 Date of Birth: 15/01/1982

3. Educational Qualification : M. Tech. (Chemical Engineering)

4. Work Experience:

1 Teaching 12 Year

2 Research ---

3 Industry -- --

4 Others----

5. Area of Specialization: Chemical Engineering

6. Subjects teaching at

Under Graduate Level:--i) Chemical Reaction Engineering ii) Mass Transfer iii) Bioprocess Instrumentation & Analysis iv) Process Heat Transfer v) Unit Operations – I & II vi) Bioprocess Equipment Design. Vii) Biofuel & Alcohol Technology.

7. Research guidance: Not Applicable

	No. of papers published in			
Masters's: Nil	National Journals:			
Ph.D.:- Nil	International Journals:- 03			
	Conferences: 03			
Projects carried out:				

8.Technology Transfer: 9.Research Publications: 03

10. No. of Books published with details: Nil

B-CHEMICAL ENGINEERING

FACULTY PROFILE

1.Name: DR.KISHOR SOPAN WANI

2.Date of Birth: 24thSeptember 1959

3. Educational Qualification: M Tech. (Chemical Technology), D.B.M.,

Ph. D: Biotechnology

4. Work Experience

- Teaching 34 yrs

- Research 13 yrs

- Industry : --

Others: --

5. Area of Specializations: Chemical Engineering & Technology, Biotechnology.

6. Subjects teaching at Under Graduate Level:

i) Chemical Reaction Engineering – I ii) Petrochemical Technology

Post Graduate Level: --

7.Research guidance : Recognized Ph.D. guide in Chemical Engineering & Technology of N.M.U., Jalgaon

No. of Ph.D.'s guided: 03, No. of students pursuing Ph.D.: 02, No. of M.E.Projects Guided: 06

No. of papers published in

Masters's: -- National Journals: 01

Ph.D.: -- - International Journals: 37

-Conferences: 23

8. Projects Carried out: 02

9.Patents: - 01

10.Technology Transfer: --

11. Research Publications: 38

12.No. of Books published with details: -01, Chapter in Encyclopedia of Bioresorces

Technology Published by Haworth Press Publication, New York



1.Name: Dr.VIJAY RAMKRISHNA DIWARE 2.Date of Birth: 10th October 1965 3. Educational Qualification: B. Tech. (Chemical), Ph.D (Chemical Technology) **PGDPM** 4. Work Experience Teaching 22 yrs Research 06 yrs Industry 08 yrs Others 5. Area of Specializations: Chemical Technology 6. Subjects teaching at Under Graduate Level: i) Chemical Reaction Engineering - II ii) Chemical Plant Design and Project Engineeringiii) Computer Aided Process Equipment Design, Modeling and Simulation iv) Process Equipment Design- I and II vii) Process Heat Transfer viii) Process **Equipment Design** Post Graduate Level: --7.Research guidance: Recognized Ph.D. guide in Chemical Engineering &Technology of N.M.U., Jalgaon No. of students pursuing Ph.D.: 02 No. of papers published in Masters's: --National Journals: ---Ph.D.: ---International Journals:31 -Conferences:32 8. Projects Carried out: - 03 9. Patents: --10.Technology Transfer: --11. Research Publications: 31 12.No. of Books published with details: --

1.Name: Dr.SANDEEP AVINASH THAKUR

2.Date of Birth: 17th September 1968

3. Educational Qualification: M.Tech. (Chemical Engineering)

MBA, Ph.D (Management)

4. Work Experience:

Teaching: 21yrsResearch 06 yrsIndustry: 08 yrs

Others ---

5. Area of Specializations: Chemical Engineering and Management

6. Subjects teaching at Under Graduate Level:

i) Process Dynamics & Control ii) Mass Transfer – I iii)Process Engineering Economics & Costing iv) Plant Utility

Post Graduate Level: --

7. Research guidance: Not Applicable

No. of papers published in

Masters: - - National Journals: 01

Ph.D: - - International Journals: 15

-Conferences:23

8. Projects Carried out: 02

9.Patents: --

10.Technology Transfer: --

11. Research Publications: 16

12.No. of Books published with details: -01

1.**Thakur S.A.** and Gupta R.H. (2011), "Customer Satisfaction and Role of Agents in Life Insurance Industry: A Special Reference to Jalgaon and Akola City of Maharashtra State", Nurturing Service Industry for Economic Development, Himalaya Publishing House, ISBN: 978-93-5024-768-6, Page 274-280



1.Name: VIJAY PRABHAKAR SANGORE 2.Date of Birth: 29th December 1972 3. Educational Qualification: M.Sc. (Poly. Chemistry) 4. Work Experience Teaching -22 yrs Research -05 year Industry ----Others -- --5. Area of Specializations: Polymer Chemistry 6. Subjects teaching at Under Graduate Level: i) Thermodynamics - I ii) Industrial Chemistry iii) Instrumentation and Instrumental Analysis iv) Material Science v) Industrial Pollution and Control Post Graduate Level: --7.Research guidance: Not Applicable No. of papers published in Masters's: - -National Journals: - -Ph.D.: - -International Journals:- 05 Conferences: 23 8. Projects Carried out: -- 01 9.Patents: - -10.Technology Transfer: --11.Research Publications: 05 12.No. of Books published with details: - -

1 Name: Dr. NIKHIL YESHWANT GHARE 2. Date of Birth:14 January 1968 3. Educational Qualification :B.Tech. (Chem. Engg.) M.E(Chem. Engg.) Ph.D(Chem. Engg.) 4. Work Experience: Teaching:15 yrs Research:06 yrs Industry:06 yrs Others : 02 yrs 5. Area of Specializations: Chemical Engineering, Waste Water Engineering 6 Subjects teaching at Under Graduate Level i)Transport Phenomenon ii) Chemical EngineeringThermodynamicsiii) Mass Material and Energy Balance Computationv) Energy Engineeringvi) Thermodynamics – II Post Graduate Level: --7. Research guidance : Not Applicable No. of papers published in Masters's: --National Journals:02 Ph.D: - -International Journals:06 Conferences:08 8. Projects Carried out: 03 i)College Level: Recovery of Hydrochloric Acid from Pickling Waste Water ii) IEI Sponsored: Recovery of Acids(Sulphuric/Nitric Acid) from Industrial Waste Water 9. Patents: -- --10. Technology Transfer: --11. Research Publications:08 12. No of Books published with details: --

11. Research Publications:

12. No. of Books published with details: - -

FACULTY PROFILE 1 Name: Ms. PRIYANKA GANESHRAO THAKARE 2. Date of Birth: 12 February 1992 3. Educational Qualification: B.Tech. (Chem. Engg.) M.Tech (Chem.Engg.) 4. Work Experience: Teaching: 01 yrs Research:-- yrs Industry:01 yrs Others : -- yrs 5. Area of Specializations: Chemical Engineering, Membrane & Separation Technology 6 Subjects teaching at Under Graduate Level i)Fluid Mechanics ii) Petrochemical Technology iii)Heat Transfer iv) Industrial Pollution and Control Post Graduate Level: - -7. Research guidance: Not Applicable No. of papers published in Masters's: --National Journals: --Ph.D: - -International Journals: --Conferences: 03 8. Projects carried out: -i) College Level: ii) IEI Sponsored: 9. Patents: -- --10. Technology Transfer: - -

1 Name: PARVEZ AMJADALI ANSARI

2. Date of Birth: 05 April 1994

3. Educational Qualification: B.Tech. (Chem. Engg.)

M.Tech (Chem.Engg.)

4. Work Experience:

- Teaching: 01 yrs Research :-- yrs

Industry :-- yrs Others :-- yrs

- 5. Area of Specializations: Chemical Engineering
- 6 Subjects teaching at Under Graduate Level
- i)Energy Engineering ii) Industrial Organization & Management iii)Computer Aided Process Equipment Design, Modeling and Simulation iv) Thermodynamics-II

Post Graduate Level: - -

7. Research guidance: Not Applicable

No. of papers published in

Masters's: -- National Journals: --01

Ph.D: - - International Journals: -01

Conferences: 04

- 8. Projects carried out: --
- i) College Level: --
- ii) IEI Sponsored: --
- 9. Patents: -- --
- 10. Technology Transfer: -
- 11. Research Publications: 02
- 12. No. of Books published with details: -



SHRAM SADHANA BOMBAY TRUST'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BAMBHORI, JALGAON.

CIVIL ENGINEERING DEPARTMENT

FACULTY PROFILE

- 1. Name Dr. M.Husain
- 2. Date of Birth -5-12-1969
- 3. Educational Qualification Ph.D.
- 4. Work Experience –

Teaching - 23

Research - Nil

Industry – Six months

Others - Nil

- 5. Area of Specialization Environmental Engineering
- 6. Subject teaching at under graduate level –
- 1. Environmental Engg
- 2. Introduction to Civil Engineering
- 4. Research guidance –

Masters - 24

Ph.D. - 10

- 8. Projects carried out
 - 1. Project Titled Experimental Investigations on Salt Gradient Solar Pond costing 125000/- under Shram Sadhana Research Promotion Scheme
 - 2. IEDC 1lakh -2013-14
 - 3. VCRMS NMU, Jalgaon 48000/- 2014-16
 - 4. Rajiv Gandhi Science and Technology Commission: 385000/- Rs 2014-16.
- 9. Patents Nil



- 10. Technology Transfer Nil
- 11. Research Publication –

National Journals - Nil

International Journals -16

Conferences - 16

12. No. of books published with details - 1 (Everest publication Elements of Civil Engineering)

- 1. Name Shivraj L. Patil
- 2. Date of Birth -1-1-1962
- 3. Educational Qualification M.Sc. (Tech)

Ph. D.

4. Work Experience –

Teaching - 31

Industry - Nil

Others - Nil

- 5. Area of Specialization Applied Geology
- 6. Subject teaching at under graduate level
 - 1. Surveying and Geomatics
 - 2. Engineering Geology
- 7. Research guidance

- Masters - 02

Ph.D. - Nil

- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication –

National Journals - Nil

International Journals - 13

Conferences - 16

12. No. of books published with details - 1 (Everest Publication, Pune, Elements of Civil Engineering)



- 1.Name Sudhakar Bhika Pawar
- 1. Date of Birth 5-10-1966
- 2. Educational Qualification M.E. (Civil), Ph D
- 3. Work Experience

Teaching – 29 Yrs.

Research - 0

Industry – 1.5 Yrs.

Others - Nil

- 4. Area of Specialization Civil (Construction)
- 5. Subject teaching at under graduate level
 - 1. Watershed Management

At post graduate level – Nil

- 7. Research guidance –
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication National Journals Nil

International Journals - 3

Conferences - 03

12. No. of books published with details - Nil



1. Name - Pravin Ashok Shirule.

2. Date of Birth – 07-6-1973

3. Educational Qualification - M.E. (Civil)

Ph.D.



4. Work Experience –

Teaching – 21 Yrs.

Industrial: Nil

5. Area of Specialization – Environmental Engineering

6. Subject teaching at under graduate level –

1. Advanced Structural Design

2. Mechanics

3. Engineering Mechanics (SE Electrical)

7. Research guidance –

M Tech: 10 Ph D: Nil

8. Projects carried out –

Sr	Title of Project	Duration		Grants	Funding Agency
No				Received	
		From	То		
01	"An evolutionary approach to reuse	2013	2014	905000/-	MODROB AICTE,
	environmentally nuisance discarded				New Delhi.
	tyre rubber as concrete aggregate"				
02	Seismic Response Analysis of Base Isolated Multistoried Building.	2013	2015	173000/-	UGC, New Delhi.
03	Investigation of Sound and Heat Insulation Properties of Rubberized Concrete.		2013	100000/-	IEDC, DST New Delhi.
04	Steel Scrap Fiber Reinforced Concrete.	2013	2014	100000/-	IEDC, DST New Delhi.
05	"An evolutionary approach to reuse environmentally nuisance discarded tyre rubber as concrete aggregate"		2014	152000/-	SSRP Scheme of SSBT's C. O. E. T., Bambhori, Jalgaon, (MS)

- 9. Patents Nil
- **10.** Technology Transfer Nil
- **11.** Research Publication –

National Journals - Nil

International Journal: 12

12. No. of books published with details – One ("Elements of Civil engineering and Engineering Mechanics)

1. Name - Farooq I. Chavan

2. Date of Birth – 13-5-1974

3. Educational Qualification - M.E. (Civil)

4. Work Experience –

Teaching: 21 years

Industrial: Nil

Research: Nil

- 5. Area of Specialization Environmental Engineering, Structural Engineering
- 6. Subject teaching at under graduate level
 - 1. Mechanics
 - 2. Engineering & Solid Mechanics
 - 3. Introduction to Solid Mechanics
 - 4. Water Resource Engineering II
- 7. Research guidance –

M Tech: 20

Ph D: Nil

- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication –

National Journals - Nil

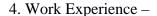
International Journals - 08

Conferences - 07

12. No. of books published with details - Nil

- 1. Name Jayant N.Kale
- 2. Date of Birth 25th Dec 1965
- 3. Educational Qualification B.E. (Civil Engineering)

M E (Construction Technology)



Teaching – 11 years.

Research - Nil

Industry – 15 yrs

Others - Nil

- 5. Area of Specialization Construction technology
- 6. Subject teaching at under graduate level –1. Estimating & costing
 - 2. Building Construction Practices

7. Research guidance –

Masters - Nil

Ph.D. - Nil

- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication National Journals Nil

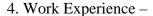
International Journals - 04

Conferences - 03

12. No. of books published with details - Nil

- 1. Name Sonali B Patil
- 2. Date of Birth 28-11-1979
- 3. Educational Qualification B.E. Civil

M E (Environmental Engineering)



Teaching – 12 Yrs.

Research - Nil

Industry - Nil

Others - Nil

- 5. Area of Specialization Environmental Engineering
- 6. Subject teaching at under graduate level –

1Intoduction to Fluid Mechanics

- 2. Hydraulics Engineering
- 7. Research guidance –

M Tech 03

Ph D Nil

- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication National Journals Nil

International Journals - 05

Conferences – 03

12. No. of books published with details – Nil



- 1. Name Jyoti Raghunath Mali.
- 2. Date of Birth 23-04-1971
- 3. Educational Qualification M.E. Civil
- 4. Work Experience –

Teaching: 11 years Industrial: Nil Research: Nil



- 5. Area of Specialization Environmental engineering
- 6. Subject teaching at under graduate level –.
 - 1. Construction Material
 - 2. Civil Engineering Computer Aided Drawing
 - 3. Structural Engineering
 - 7. Research guidance ME 10, Ph D Nil
 - 8. Projects carried out Nil
 - 9. Patents Nil
 - 10. Technology Transfer Nil
 - 11. Research Publication National Journals 10

International Journals - 06

Conferences - 06

12. No. of books published with details.

- $1.\ \ Name-Mr.\ Pankaj\ Ramdas\ Punase$
- 2. Date of Birth -05/08/1991
- 3. Educational Qualification M.E. Structural Engineering
- 4. Work Experience Industrial: Nil

Teaching: 4 years

- 5. Area of Specialization Structural Engineering
- 6. Subject teaching at under graduate level
 - 1. Mechanics of Material
 - 2. Structural Design
- 7. Research guidance –

Masters - Nil

Ph.D. - Nil

- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11. Research Publication –

National Journals – Nil

International Journals - 05

Conferences - 04





- 1. Name MR. Bhupendra H. patil.
- 2. Date of Birth 30/09/1995
- 3. Educational Qualification B.E. Civil Engineering
- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 3 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Computer Aided Civil Engineering Drawing
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out –
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 00



- 1. Name Miss.Poonam Rajendra Baviskar
- 2. Date of Birth 19/12/1995
- 3. Educational Qualification B.E. Civil Engineering
- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 3 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Water Resource Engineering II
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 00

- 1. Name Ms Madhuri Malpani
- 2. Date of Birth -29/01/1996
- 3. Educational Qualification B.E. Civil Engineering
- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 2 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Geotechnical Engineering
 - ii. Water resources engineering II
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10.Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - b. Conferences 00



- 1. Name Ms Sneha Ingole
- 2. Date of Birth 15/07/1994



- 3. Educational Qualification B.E. Civil Engineering, ME (Pursuing)
- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 2 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Geotechnical engineering II
 - ii. Smart City Planning
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 00

- 1. Name Priyanka Nehete
- 2. Date of Birth -03/02/1991
- 3. Educational Qualification B.E. Civil Engineering,

ME (Environmental Engineering)



- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 4 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Watershed Management
 - ii. Industrial Pollution Control
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 01

- 1. Name Karina Nandre
- 2. Date of Birth -27/03/1996
- 3. Educational Qualification B.E. Civil Engineering,



- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 1 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Water resource Engineering I
 - ii. Environmental Engineering II
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 01

- 1. Name Vrushali Mahadik
- 2. Date of Birth 29/10/1996
- 3. Educational Qualification B.E. Civil Engineering,



- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 1 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Energy Science & Engineering
 - ii. Transportation Engineering
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 00

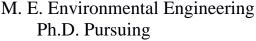
- 1. Name Ankita Sarode
- 2. Date of Birth -24/05/1996
- Educational Qualification B.E. Civil Engineering,
 M. E. Perusing Construction Technol
 Management



- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 2 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Energy Science & Engineering
 - ii. Transportation Engineering
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences -00

- 1. Name Rahul Pawar
- 2. Date of Birth -05/06/1989
- 3. Educational Qualification B.E. Civil Engineering,

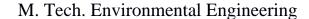
M. E. Environmental Engineering



- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 5 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Air pollution Contrail and Technology
 - ii. Environmental Engineering II
- 7. Research guidance
 - a. Masters -Nil
 - b. Ph.D. -Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 02
 - b. International Journals 11
 - c. Conferences 02



- 1. Name Sunny Paul
- 2. Date of Birth 09/09/1992
- 3. Educational Qualification B.E. Civil Engineering,





- 4. Work Experience
 - a. Industrial: Nil
 - b. Teaching: 2 years
- 5. Area of Specialization –
- 6. Subject teaching at under graduate level
 - i. Biotechnology of waste treatment
 - ii. Civil Engineering Social and Global Impact
- 7. Research guidance
 - a. Masters Nil
 - b. Ph.D. Nil
- 8. Projects carried out Nil
- 9. Patents Nil
- 10. Technology Transfer Nil
- 11.Research Publication
 - a. National Journals 00
 - b. International Journals 00
 - c. Conferences 03

COMPUTER ENGINEERING DEPARTMENT FACULTY PROFILE

1. Name : Dr. Girish Kumar Patnaik : October 9th, 1969 2. Date of Birth 3. **Educational Qualification** : Ph. D. M.E. (Computer Science & Engg.) B.E. (Computer Science & Engg.) 4. Work Experience - Teaching : 29 Years 06 Months - Research : Nil - Industry : Nil 5. Area of Specialization : Computer Engineering 6. Subject Taught at P.G. level : NIL Subject Taught at U.G. level : Advanced Computer Network, Compiler Design 7. Research guidance at - Masters's level : 07 - Ph.D. level : 2 years No. of papers published in - National Journals :01 - International Journals : 27 - National Conferences : NIL - International Conferences : 07 8. Projects carried out : Nil 9. **Patents** : Nil

: Nil

: 28

10.

11.

12.

Technology Transfer

Research publications

No. of books published with details : NIL

COMPUTER ENGINEERING DEPARTMENT FACULTY PROFILE

: Dr. KrishnakantPrabhudasAdhiya. 1. Name 2. Date Of Birth : 07-12-1968 3. **Educational Qualification** : Ph.D. (Computer Engineering) M.E. (Computer Science. &Engg.) B.E. (Computer Engineering) 4. Work Experience : 28 Years 05 Months - Teaching - Research : Nil - Industry : Nil Area of Specialization 5. : Computer Engineering 6. Subject Taught at P.G. level : Distributed Systems, Parallel Computing Unix Subject Taught at U.G. level 8085 :Advanced programming, Computer Fundamentals, Microprocessor, Programming lab-I , Digital System Design, & Interfacing, Computer Computer Peripherals Organization, Microprocessor-I, Microprocessor-II, Operating System, Advanced Computer Architecture, Embedded System, Microprocessor and Microcontroller, Programming Lab-II, Computer Organization and Architecture 7. Research guidance at : 12 Years - Master's level - Ph.D. level : 02 Years No. of papers published in - National Journals :01 - International Journals : 40 : 28 - National Conferences - International Conferences : 08 8. Projects carried out : Nil 9. **Patents** : Nil **Technology Transfer** 10. : Nil Research publications 11. : 41 No. of books published with details: 06 (1. Software Engineering, 12.

6. Advanced Computer Architecture)

Signature

2. Computer Organization

4. Embedded Systems5. Microprocessor-III

3. Computer Network

1. Name : Dr. ManojEknathPatil 2. Date Of Birth : 06/10/1975 3. **Educational Qualification** : M.Tech. (Computer Science & Engineering) B. E. (Computer Engineering.) 4. Work Experience - Teaching : 17 Years - Research : Nil : 01 Year 10 Month - Industry 5. Area of Specialization : Computer Science and Engineering 6. Subject Taught at P.G. level : Software Project Management, STQA Subject Taught at U.G. level : Instrumentation and Diagnostic Tools, System Programming, Software Engineering, Software Metrics and Quality Assurance, Embedded System, Mobile Computing, Cyber Law and Ethics, Finance and Accounting 7. Research guidance at - Masters's level : 19 - Ph.D. level : Nil No. of papers published in - National Journals : 02 - International Journals : 11 - National Conferences : 07 - International Conferences : 08 8. Projects carried out : Nil 9. **Patents** : Nil 10. **Technology Transfer** : Nil

: 28

No. of books published with details: 02 (Database Management Systems,

11.

12.

Research publications

Software Metrics and Quality Assurance)

1. Name : SandipShankarraoPatil

2. Date of Birth : 20/01/1980

3. Educational Qualification : M. Tech. Computer Science &

Engineering

: B.E. Computer Engineering : Ph. D. (Pursuing) KBCNMU

4. Work Experience

Teaching : 18YearsResearch : 02 YearsIndustry : Nil

5. Area of Specialization : Natural Language Processing

6. Subject Taught at P.G. level : Advanced Software Engineering, Soft Computing

Subject Taught at U.G. level : Artificial Intelligence, Computer Networks,

Advanced Computer Architecture, Data Structures and Algorithms

7. Research guidance at

- Masters's level : 20 Students

- Ph.D. level : Nil

No. of papers published in

National Journals : Nil
 International Journals : 40
 National Conferences : 20
 International Conferences : 12

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 40

12. No. of books published with details : 06 (System Programming, Artificial Intelligence & Neural Networks, Software Matrices & Quality

Assurance, Computer Programming, Advanced

Computer Architecture, Data Structures)

1. Name : AshishTryambakBhole

2. Date Of Birth : 12/09/1976

3. Educational Qualification : B.E.(Computer),

M. Tech. (CSE),

Ph.D. (CSE) (Pursuing)

4. Work Experience

Teaching : 17 YearsResearch : 10 YearsIndustry : Nil

5. Area of Specialization : Computer Science & Engineering

6. Subject Taught at P.G. level : Network Centric Computing, Web Engg.

Subject Taught at U.G. level : Software Engineering, Object Oriented Modeling

& Design, Mobile Computing, Computer

Networks, Programming for Problem Solving Advanced, Computer Networks,

Software Metrics & Quality, Assurance, Microprocessor-III, Internet Security,

E-Commerce, Advanced Computer Architecture,

Microprocessor-II.

7. Research guidance at

- Masters's level : 18 - Ph.D. level : Nil

No. of papers published in Google: Citation index 96, h-index: 4, i10-index:2

National Journals : 01
 International Journals : 25
 National Conferences : 11
 International Conferences : 14

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 26

12. No. of books published with details: Nil

Signature

: Miss. NilimaPrakashPatil

1.

Name

2. Date Of Birth : 21/10/1981 **Educational Qualification** 3. : M.E.(Computer Science & Engineering) Work Experience 4. - Teaching : 11 years - Research : Nil - Industry : 1 year 5. Area of Specialization : B.E.Computer Engineering, 6. Subject Taught at P.G. level : Nil Subject Taught at U.G. level : Software Metrics and Quality Assurance Programming for Problem Solving Object Oriented Programming **Computer Graphics** System Programming Data Warehousing and Mining 7. Research guidance at - Master's level : 13 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals : 13 - National Conferences : 0 - International Conferences : Nil 8. Projects carried out : Nil 9. **Patents** : Nil 10. Technology Transfer : Nil 11. Research publications : 13 12. No. of books published with details: Nil Signature

1. Name : ShitalAbhimanyuPatil 2. Date Of Birth : 12/10/1982 3. **Educational Qualification** : ME Comp.Science&Engg. 4. Work Experience - Teaching : 14 Years - Research : Nil - Industry : Nil 5. Area of Specialization : ----6. Subject Taught at P.G. level : Nil Subject Taught at U.G. level : System Programming, Advanced Computer Architecture, Computer Graphics, Data Structure & files, Discrete structure and graph theory, Database Management System, **Application Development Tools Laboratory** Programming Lab-I, Programming Lab-II, Analysis and design of algorithm, Introduction to computing 7. Research guidance at - Masters's level : 02 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals :00 - National Conferences : 02 - International Conferences : Nil 8. Projects carried out : Nil 9. **Patents** : Nil 10. **Technology Transfer** : Nil 11. Research publications :01

No. of books published with details: Nil

12.

1. Name : Mr. NitinYashwantSuryavanshi

2. Date Of Birth : 27/01/1981

3. **Educational Qualification** : M.E.(Computer Science

& Engineering)

4. Work Experience

> - Teaching : 14 Years

- Research : Nil - Industry : Nil

5. Area of Specialization : Computer Science And Engineering

6. Subject Taught at P.G. level :Nil

> Subject Taught at U.G. level : Formal Language and Automata Theory,

> > Analysis & Design of Algorithm

7. Research guidance at

> - Masters's level : 04 - Ph.D. level

: Nil

No. of papers published in

- National Journals : Nil - International Journals : 05 - National Conferences : 03 - International Conferences :01

8. Projects carried out : Nil

9. **Patents** : Nil

10. **Technology Transfer** : Nil

11. Research publications : 03



1. Name : Dinesh DagaduPuri 2. Date Of Birth : 15/04/1982 3. **Educational Qualification** : M.Tech in Computer Engg. 4. Work Experience - Teaching : 15 Years and 6 Months - Research : Nil - Industry : NIL 5. Area of Specialization : Computer science and Engineering 6. Subject Taught at P.G. level : Software Architecture **Parallel Computing** Distributed system : Data Communication, Computer network, Subject Taught at P.G. level Distributed System, Mobile computing, Management and information system, System operation and Maintenance, Discrete structure, Computer graphics, Accounts and Finance Management, 7. Research guidance at - Masters's level : 04 - Ph.D. level : Nil No. of papers published in - National Journals :01 - International Journals : 07 - National Conferences : 02 - International Conferences : 02 8. Projects carried out : Nil 9. **Patents** : Nil 10. **Technology Transfer** : Nil 11. Research publications : Nil

12.

No. of books published with details: 01

1. Name : AkashDnyandeoWaghmare 2. Date Of Birth : 08/06/1982 3. **Educational Qualification** : M.E. in CSE, B.E. in CSE, Pursuing Ph.D. in CSE. 4. Work Experience - Teaching : 14 Years 3 Months - Research : Nil - Industry : Nil 5. Area of Specialization : Computer Science & Engineering Subject Taught at P.G. level : Advanced Database Management System 6. Subject Taught at U.G. level Management System, Database Discrete Mathematics, Object Oriented Modeling and Design, Architecture, Advanced Computer Computer Network, Data Communication, Advanced Database Management system, **Programming** Programming Paradigm, Information Retrieval 7. Research guidance at - Masters's level : 05 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals : 05 - National Conferences : 07 - International Conferences : 06

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 02

: DipakDevachandBage

Embedded Systems, Organizational Behaviour.

2. Date Of Birth : 01/02/1982 3. **Educational Qualification** : M.E. (Computer Science & Engg.) B.E. Computer Engineering, Diploma in Computer Technology 4. Work Experience - Teaching : 10 year 5 months - Research : Nil : Nil - Industry Area of Specialization 5. : Image Processing, Embedded System and Operating System. 6. Subject Taught at P.G. level : Nil Subject Taught at U.G. level : Microprocessor-III, Microprocessor-III, Microprocessor and Microcontroller Interfacing, Computer Programming, Operating System,

7. Research guidance at

1.

Name

- Masters's level : 01 - Ph.D. level : Nil

No. of papers published in

National Journals : Nil
 International Journals : 04
 National Conferences : 07
 International Conferences : 02

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil11. Research publications : Nil

12. No. of books published with details: 02 (Microprocessor-III, Embedded Systems.)

1. Name :MissPritiR.Sharma 2. Date Of Birth : 18/06/82 3. **Educational Qualification** : M.E. (Computer Science & Engineering) B.E. Computer Engineering 4. Work Experience - Teaching : 11 Years - Research : Nil - Industry : Nil 5. Area of Specialization : Computer science and Engineering 6. Subject Taught at P.G. level : Nil Subject Taught at U.G. level :,Discreate structure & Files, Microprocessor -1, Theory of computer Science, Digital System & Microprocessor, Advanced Development Tool Laboratory, Computer Graphics, Operating System, Software Engineering Data Warehouse & Mining, Advanced Computer Architecture, Embedded System, Computer Programming. 7. Research guidance at - Masters's level :01 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals :01 - National Conferences :02 - International Conferences : Nil 8. Projects carried out : Nil 9. **Patents** : Nil 10. **Technology Transfer** : Nil Research publications 11. : Nil 12. No. of books published with details: Nil

1. Name : Satpalsing D. Rajput 2. Date Of Birth : 06/07/1985 3. **Educational Qualification** : M.E (CSE) B.E (Computer Engineering) 4. Work Experience - Teaching : 9 Years - Research : Nil - Industry : 1 Year 2 months 5. Area of Specialization : Computer Science & Engineering 6. Subject Taught at P.G. level : Nil : Software Engineering(Th+pr), Subject Taught at U.G. level Data Communication(Th+Pr), Introduction to "C" Programming(Th+Pr), Object oriented Technology(Th+Pr), Digital System Design(Th), Computer Graphics(PR), Introduction to Computing(Th+PR), Analysis and Design of Algorithm (Th), Programming for Problem Solving (TH+Pr) Research guidance at 7. - Masters's level : 03 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals : 07 - National Conferences : 05 - International Conferences : 05 8. Projects carried out : Nil 9. **Patents** : Nil **Technology Transfer** 10. : Nil

: 07

11.

12.

Research publications

1. Name : Ms. Yogeshwari S. Borse 2. Date Of Birth : 01/06/1979 3. **Educational Qualification** : M.Tech CSE 4. Work Experience - Teaching : 9 Year 08 Months - Research : Nil - Industry : Nil 5. Area of Specialization : Network Security, Image processing. 6. Subject Taught at P.G. level : Nil Subject Taught at U.G. level : Computer Network, Programming Lab-II, Introduction to computing, Database Management System **Computer Programming** Software metrics and Quality assurance Management Information System **Advanced Unix Programming** Programming for Problem Solving 7. Research guidance at - Masters's level : 03 - Ph.D. level : Nil No. of papers published in - National Journals : Nil - International Journals : 08 - National Conferences : 05 - International Conferences : 02 8. Projects carried out : Nil 9. **Patents** : Nil

: Nil

: 08

10.

11.

12.

Technology Transfer

Research publications

COMPUTER ENGINEERING DEPARTMENT

FACULTY PROFILE

1. Name : SushantSudhakarBahekar

2. Date of Birth : 14-06-1990

3. Educational Qualification : B.E. (Computer), M.Tech. (CSE),

Ph.D. (Pursuing)

4. Work Experience

Teaching : 9 YearsResearch : NilIndustry : Nil

5. Area of Specialization : Artificial Intelligence, Network Security, NLP,

Data Science, Machine learning

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level : Artificial Intelligence, Operating System, Computer

Programming, Analysis and Design of Algorithms, Programming for Problem Solving, Quantitative

Aptitude, Logical Reasoning

7. Research guidance at

- Master's level : 02

- Ph.D. level : Nil

8. No. of papers published in

National Journals : 02
 International Journals : 06
 National Conferences : 02
 International Conferences : 02

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 02

13. No. of books published with details: 06 (Computer Programming, Embedded System, Computer Graphics, Computer Organization, Data structure and files, Wormhole Attack)

Signature

1. Name : Dhanashree S. Tayade

2. Date Of Birth : 19-10-1985

3. Educational Qualification : M.E. (Computer Science & Engg.)

B.E. (Computer Engineering)

4. Work Experience:

- Teaching : 7.5 years

- Research : Nil - Industry : Nil

5. Area of Specialization : Machine Learning

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level : Advanced Unix programming(Th+Pr),

Data Warehousing and Mining(Th+Pr), Introduction to C Programming(Th+Pr).

Computer Programming Lab(Pr),

Linux Lab(Pr),

Application Development Lab(Pr),

Web Programming Lab(Pr), Discrete Mathematics(Pr)

7. Research guidance at

- Masters's level : 02 - Ph.D. level : Nil

8. No. of papers published in

National Journal : 00
 International Journal : 05
 National Conferences : 01
 International Conferences : 02

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 08

1. Name : ArchanaRaosahebShinde

2. Date Of Birth : 25-06-1990

3. Educational Qualification : M.E. (Computer Engineering)

: B.E. (Computer Engineering)

4. Work Experience

- Teaching : 3.8 Years

- Research : Nil

- Industry : 1.8 Years

5. Area of Specialization : Computer Engineering

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level :Artificial Intelligence and Expert System

Object-Oriented Modeling and Design

Data Communication

Object-Oriented Programming

Java Programming C Programming

Advance Development Language Lab

Linux Lab

Principles Of Management.

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : 04 National Conference : 01

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 0212. No. of books published with details : Nil

1. Name : PravinKeshavPatil

2. Date Of Birth : 31-08-1991

3. Educational Qualification : Ph.D (Pursuing)

M.E. (Computer Computer Science and Engg.)

: B.E. (Computer Engineering)

4. Work Experience

Teaching : 6 YearsResearch : NilIndustry : NIL

5. Area of Specialization : Computer Engineering

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level :AI, NN, COA (TH + PR), OB (TH), MIS (TH),

MPMC (TH +PR), MPMCI (TH +PR), CO(TH), DSM (TH + PR), E Commerce, ADL(TH+PR), ES(PR),

CNS(PR)

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : 07 National Conference : NIL

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 07

12. No. of books published with details: Nil

Signature

1. Name : KajalPratapVisrani

2. Date Of Birth : 11-06-1993

3. Educational Qualification : M.E. (Computer Science

Engineering)

: B.E. (Computer Engineering)

4. Work Experience

Teaching : 4 YearsResearch : NilIndustry : Nil

5. Area of Specialization : Computer Engineering

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level :Java Programming(PR),Principles Of Management

(TH), Computer Network (PR), Management of Information System(TH), Programming in C++ lab(Pr), IT Workshop(Pr), Cyber Law & Ethics(TH).

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : 06 National Conference : 03

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 09

1. Name : Mrs. SavitaBorse

2. Date Of Birth : 30/06/1984

3. Educational Qualification : BE(IT)

: ME(CSE)

4. Work Experience

Teaching : 4 yearsResearch : NilIndustry : Nil

5. Area of Specialization : Computer Science

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level : Artificial Intelligence(TH+PR)

Data Structure &Files(TH+PR) Computer Graphics(TH+PR) Information Theory(TH) Programming Lab I(PR)

Data communication Network(TH) Computer Fundamental(TH+PR) Software Engineering(PR) Web Programming Lab(PR)

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : 02 National Conference : 01

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : 03

1. Name : Ms. JyotiRevanshete

2. Date Of Birth : 02/07/1986

3. Educational Qualification : BE (CSE)

: ME(CNE)

4. Work Experience

Teaching : 6.5 yearsResearch : NilIndustry : Nil

5. Area of Specialization : Computer Science

6. Subject Taught at P.G. level :

Subject Taught at U.G. level : Data Structure &Files(TH+PR)

Data communication Network(TH+PR)

Computer Fundamental(TH+PR)

Software Engineering(PR)

Microprocessor 8085, 8086(TH+PR) Advance microprocessor(TH+PR) Multimedia technology(TH+PR)

DBMS(TH+PR), Discrete Mathematics(PR)

Computer Networking(TH+PR)

7. Research guidance at

- Masters's level : Nil

- Ph.D. level : Nil

No. of papers published in

International Journals : 03 National Conference : 00

8. Projects carried out :Nil

9. Patents : Nil10. Technology Transfer : NIL

11. Research publications : 03



Name : Ms. TejalPatil
 Date Of Birth : 26/Dec/1998

3. Educational Qualification : BE- Computer Engg.

:

4. Work Experience

- Teaching : 6 Months

Research : NilIndustry : Nil

5. Area of Specialization : Computer Engg.

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level : Programming for Problem Solving(Pr)

Discrete Mathematics(Pr)

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : Nil National Conference : Nil

8. Projects carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publications : Nil12. No. of books published with details : Nil



1. Name : Ms. Jaya Suryawanshi

2. Date Of Birth : 12/10/1996

3. Educational Qualification : B.E.(Computer engineering)

:

4. Work Experience

Teaching : 6 monthResearch : NillIndustry : Nill

5. Area of Specialization : Computer Engineering

6. Subject Taught at P.G. level : NIll

Subject Taught at U.G. level :Object Oriented Programming(Pr),Programming for

Problem Solving(Pr)

7. Research guidance at

- Masters's level : Nill - Ph.D. level : Nill

No. of papers published in

International Journals : Nill
National Conference : Nill

8. Projects carried out :Nill

9. Patents : Nill

10. Technology Transfer : Nill

11. Research publications : Nill

1.	Name	:Ms. RoshaniFulpagare
2.	Date Of Birth	:
3.	Educational Qualification	:
4.	Work Experience - Teaching - Research - Industry	: 6 Month : Nil : Nil
5.	Area of Specialization	:
6.	Subject Taught at P.G. level	:
	Subject Taught at U.G. level	:
7.	Research guidance at	
	- Masters's level	:
	- Ph.D. level	:
	No. of papers published in	
	International Journals	:
	National Conference	:
8.	Projects carried out	:
9.	Patents	:
10.	Technology Transfer	:
11.	Research publications	:
12.	No. of books published with details	:

Signature



1. Name : Ms. PrajaktaPawar

2. Date Of Birth : 6/6/1995

3. Educational Qualification : ME (pursuing)

BE(Computer Engineering)

:

4. Work Experience

Teaching : 6 MonthResearch : NilIndustry : Nil

5. Area of Specialization : Computer Engineering

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level : Advanced Database Management System Database

Management System(Pr), Discrete Mathematics(Pr),

7. Research guidance at

- Masters's level : Nil - Ph.D. level : Nil

No. of papers published in

International Journals : Nil National Conference : Nil

8. Projects carried out :Nil

9. Patents : Nil

10. Technology Transfer : Nil
11. Research publications : Nil
12. No. of books published with details : Nil

ELECTRICAL ENGINEERING DEPARTMENT

PROFILE OF FACULTY

1. Name : Dr. Paresh J. Shah

2. Date of Birth : 11/08/1967

3. Educational Qualification: Ph.D. (Electrical Engineering)

M.E. Electrical Engineering (P.E.)

BE (Industrial Electronics)

4. Work Experienced:

a. Teaching : 29 Yearsb. Research : 05 Yearsc. Industry : 01 Years

d. Other : NIL

5. Area of Specialization : Power Quality, Power Electronics & VLSI Design

Subjects teaching at UG level: Power Electronic, Analog & Digital Electronics

Subjects teaching at PG level: DSP

6. Research's Guidance Master's : 14

PhD : 04 (ongoing)

7. No. of paper published in

a. National journal : 01

b. International journal : 28

c. International Conference : 11

d. National Conference : 17

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publication : 52



1. Name : Dr. P. V. Thakre

2. Date of Birth : 19/07/1970

3. Educational Qualification: Ph.D. (Energy Engineering)

M. Tech. (Energy Engineering)

BE (Electronics Engineering)

4. Work Experienced:

a. Teaching : 25 Years

b. Research : 07 Years

c. Industry : NIL

d. Other : NIL

5. Area of Specialization : Solar Photo Voltaic

Subjects teaching at UG level: NA, IDC, EEM, BEE

Subjects teaching at PG level: DSP

6. Research's Guidance Master's : 07

PhD : 3 (ongoing)

7. No. of paper published in

a. National journal : Nil

b. International journal : 15

c. International Conference : 13

d. National Conference : 02

8. Project carried out : 02

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publication : 30



1. Name : Vijay S Pawar

2. Date of Birth : 08/04/1971

3. Educational Qualification: BE Electrical, ME (Power System)

4. Work Experienced:

a. Teaching : 25 Years

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization: Electrical Power System

Subjects teaching at UG level: CS, PSDP, IEE

Subjects teaching at PG level: PSD, PSOT

6 Research's Guidance Master's : 06

PhD : Nil

7. No. of paper published in

a. National journal : Nil

b. International journal : 07

c. International Conference : 07

d. National Conference : 10

8. Project carried out : 01

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 24



1. Name : M Mujtahid Ansari

2. Date of Birth : 11/10/1973

3. Educational Qualification: BE Electrical, ME (EPS)

4. Work Experienced:

a Teaching: 20 Years

b Research: Nil

c Industry: 03 Year

d Other

5. Area of Specialization : Electrical Power System

Subjects teaching at UG level: EM/C-II, PSS, EAC

Subjects teaching at PG level: PSD, HVPT

6. Research's Guidance Master's : 05

PhD : Nil

7. No. of paper published in

a. National journal : Nil

b. International journal : 19

c. International Conference : 04

d. National Conference : 01

8. Project carried out : 01(MODROBS)

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publication : 19

12. No. of book published with detail : 01, Element of Electrical Engineering

Vrinda Publication, Jalgaon.



1. Name : Suhas Manohar Shembekar

2. Date of Birth: 31/08/1976

3. Educational Qualification: BE Electrical, ME (EPS)

4. Work Experienced:

a. Teaching : 20 Years

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : PS-II, PSOC, SGP, EIED

Subjects teaching at PG level: PSMC, FACTS&PQ

6. Research's Guidance Master's : 05

PhD : Nil

: 01

7. No .of paper published in

a. National journal : 00b. Inter national journal : 16c. International Conference : 08

d. National Conference

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication : 25



1. Name : Dhanesh S. Patil

2. Date of Birth : 23 /07 /1983

3. Educational Qualification: ME (EPS)

BE Electrical

4. Work Experienced:

a. Teaching : 12 Year

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG level: EEM, HVE, NT, EM-II, MI

Subjects teaching at PG level: Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : Nil

b. Inter national journal : 05

c. International Conference : 03

d. National Conference : Nil

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publication : 08



1. Name : Mahajan Nilesh Suresh

2. Date of Birth: 17/05/1986

3. Educational Qualification: M.E. (EPS)

BE Electrical

4. Work Experienced:

a. Teaching : 08 Year

b. Research : Nil

c. Industry : 01 Year

d. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG level: PE, CMPS, IDC, EME, EMD, FACTS&PQ, EEEE

Subjects teaching at PG level: Power system Planning & Reliability, Computer

Methods on Power System,

6. Research's Guidance Master's : Nil

PhD : Nil

7. No. of paper published in

a. National journal : Nil

b. International journal : 10

c. International Conference : 04

d. National Conference : 01

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 15



1. Name : Amit Suhas Borole

2. Date of Birth: 29/08/1990

3. Educational Qualification: BE Electrical, MTech (EPS)

4. Work Experienced:

a. Teaching : 4 Years

b. Research : Nilc. Industry : Nil

d. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : PS-II, PSOC, EME, NT, EM&D

Subjects teaching at PG level: Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00

b. Inter national journal : 00

c. International Conference : 02

d. National Conference : 01

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 2



1. Name : Abhilasha Naresh Salunkhe

2. Date of Birth: 04/10/1993

3. Educational Qualification: BE Electrical, ME (EPS)

4. Work Experienced:

a. Teaching : 3 Years

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : MPMC, CP-MATLAB, BEEE, IEE, EM LAB, PS-I LAB

Subjects teaching at PG level : Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00

b. Inter national journal : 03

c. Inter national Conference : 00

d. National Conference : 00

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 3

1. Name : Bhushan Dilip Darkonde

2. Date of Birth: 03/03/1989

3. Educational Qualification: BE Electrical, MTech (EPS)

4. Work Experienced:

a. Teaching : 6 Years

b. Research : Nil c. Industry : Nil d. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : EDC, EW. Subjects teaching at PG level

6. Research's Guidance Master's : Nil

> PhD : Nil

> > : 00

7. No .of paper published in

a. National journal : 00 b. International journal : 02 c. International Conference: 00 d. National Conference

8. Project carried out : Nil 9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication : 2



1. Name : Sukhdev Nirbheram Joshi

2. Date of Birth: 15/02/1996

3. Educational Qualification: BE Electrical, MTech (EPS)

4. Work Experienced:

a. Teaching : 06 months

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : BEEE, IEE LAB

Subjects teaching at PG level : Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00

b. International journal : 01

c. International Conference: 00

d. National Conference : 00

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 1

12. No. of book published with detail: Nil



Signature

1. Name : Tejal Dinesh Patil

2. Date of Birth: 31/05/1996

3. Educational Qualification: BE Electrical, MTech (ECS)

4. Work Experienced:

a. Teaching : 06 months

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Control System

Subjects teaching at UG : PE LAB, IDC LAB

Subjects teaching at PG level : Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00

b. Internal national journal : 01

c. International Conference: 01

d. National Conference : 00

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication : 2



1. Name : Vrushali Pramod Mahajan

2. Date of Birth: 13/10/1995

3. Educational Qualification: BE Electrical, MTech (ECS)

4. Work Experienced:

a. Teaching : 06 Months

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Control System

Subjects teaching at UG : ECA LAB, EDL LAB

Subjects teaching at PG level: Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00b. Internal national journal : 00c. Inter national Conference: 00

d. National Conference : 01

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 1



PROFILE OF FACULTY

1. Name : Puja Ramchandra Chauhan

2. Date of Birth: 24/01/1997

3. Educational Qualification: BE Electrical, ME (EPS-Pursuing)

4. Work Experienced:

a. Teaching : 06 months

b. Research : Nilc. Industry : Nild. Other : Nil

5. Area of Specialization : Electrical Power System

Subjects teaching at UG : IOM, EM/C-I LAB

Subjects teaching at PG level: Nil

6. Research's Guidance Master's : Nil

PhD : Nil

7. No .of paper published in

a. National journal : 00

b. Inter national journal : 00

c. International Conference: 00

d. National Conference : 00

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer: Nil

11. Research publication : 0

12. No. of book published with detail: Nil



Dr. S. R. Suralkar 1. NAME 2. Date Of Birth 28/10/1966 3. Educational Qualification: BE (Electronics) ME (Control & Instru.) Ph.D 4. Work Experience (Years) Teaching: 29 Yrs Research: 09 Yrs. Industry: Others 5. Area Of Specializations : Image processing and pattern recognition. Subject Teaching At Under graduation Level : Electronics Measurement, Digital Tech. and App. Post Graduate Level : Advanced Instrumentation System, IP&PR 7. Research Guidance **♦** Master's 12 ❖ Ph.D. No. of paper published in:-**National Journals International Journals** 26 ** Conference 17 8. Projects Carried Out 01 9. Patents 10.Technology Transfer 11. Research Publications 26 12. No. of Books Published -With Details

Dr. M. P. Deshmukh 1. NAME 2. Date Of Birth 20/06/1966. BE (Electronics), 3. Educational Qualification : ME (Control & Instru.) Ph.D (E&TC) 4. Work Experience (Years) Teaching: 29Yrs • Research: Industry: Others: Patent Filed 5. Area Of Specializations E&TC 6. Subject Teaching At • Under graduation Level: AE, ECD, EEE, ECM, SDC, ECA Post Graduate Level 7. Research Guidance **❖** Master's 04 ❖ Ph.D. No. of paper published in:-**National Journals** 5 **International Journals** Conference 8. Projects Carried Out One filed 9. Patents 10.Technology Transfer 11. Research Publications 05 12. No. Of Books Published -With Details

Dinesh U. Adokar 1. NAME 2. Date Of Birth 31/03/1965. 3.Educational Qualification : BE (Electronics), ME (Electronics) Ph.D (Pursuing) 4. Work Experience (Years) Teaching: 30Yrs Research: Industry: Others: 5. Area Of Specializations Multimedia Processing, Compression 6. Subject Teaching At • Under graduation Level: DTA, MP, MPI, EEEE, Analog Electronics Post Graduate Level DSD, MPMC 7. Research Guidance **❖** Master's 03 ❖ Ph.D. No. of paper published in:-**National Journals International Journals** 5 Conference 8. Projects Carried Out 04 ongoing and 09 completed at UG level, one IEDC Project 9. Patents 10.Technology Transfer one project of final year B.E student **Under Progress** 11. Research Publications 12. No. Of Books Published -With Details

1. NAME Dr V. M. DESHMUKH 2. Date Of Birth 17/06/1965 3. Educational Qualification: B.E.(Electronics), M.E.(Control Systems) Ph.D(Electronics) 4. Work Experience (Years) Teaching: - 29Yrs Research: Industry: Others: - 7 Yrs (Visiting lecturer) 5. Area Of Specializations : Electromagnetic & signal system, Networks and Lines 6. Subject Teaching At a. Under graduation Level : EME,NAS, EEE, SNS b. Post Graduate Level 7. Research Guidance **❖** Master's 04 ❖ Ph.D. No. of paper published in:-- 03 **National Journals International Journals** - 09 Conference - 18 8. Projects Carried Out 9. Patents 10.Technology Transfer 11. Research Publications 03 12. No. Of Books Published -With Details

Nafees Ahmad M. Kazi

2. Date Of Birth 22/06/1972 3. Educational Qualification: B.E(Electronics), ME (Electronics) Ph.D (Pursuing) 4. Work Experience (Years) Teaching: 21Yrs Research: • Industry : 3Yrs Others: 5. Area Of Specializations : T.V. Engg, Computer networks 6. Subject Teaching At • Under graduation Level: CCN, TNM Post Graduate Level: **Advanced Computer Network** 7. Research Guidance **❖** Master's 05 ❖ Ph.D. No. of paper published in :-**National Journals International Journals** 04 ** Conference 14 8. Projects Carried Out 9. Patents 10.Technology Transfer 11. Research Publications 12. No. Of Books Published -03 i) CCN ii)AICA With Details

1. NAME

1. NAME Dr. Pankaj H. Zope 2. Date Of Birth 24/06/1975 3. Educational Qualification: Ph.D (E&TC) ME (Digital Electronics), B.E(Indust. Electronics), C-DAC 4. Work Experience (Years) Teaching: 18 Research: 01 • Industry : Others: 5. Area Of Specializations : Electronics and Nano Electronics and Nano Technology 6 Subject Teaching At Under graduation Level: Microprocessor and Microcontroller, Embedded System Post Graduate Level VLSI-D, ADSP 7. Research Guidance **♦** Master's - 15 ❖ Ph.D. No. of paper published in :-**National Journals International Journals** 40 Conference 24 8. Projects Carried Out 06 9. Patents 10. Technology Transfer 11. Research Publications 40 12. No. Of Books Published 01 With Details

1. NAME Amol C. Wani 2. Date Of Birth 30/07/1976 3. Educational Qualification: B.E.(Electronics), M.E. (Electronics) 4. Work Experience (Years) Teaching: 18 Yrs • Research: Industry: Others: Basic Electronics, Circuit Design and Communication. 5. Area Of Specializations : 6. Subject Teaching At Under graduation Level : SSDC I, SSDC II, EEEE, ECD etc. Post Graduate Level : Microelectronics Circuit Design 7. Research Guidance **❖** Master's 03 ❖ Ph.D. No. of paper published in :-**National Journals International Journals** 04 Conference 08 8. Projects Carried Out 9. Patents 10.Technology Transfer 11. Research Publications 04 12. No. Of Books Published 02 Elements of Electrical Electronics Engineering. With Details **Prakash Publication**

Electronics Circuit Design – Prakash Publication

Atul H. Karode 1. NAME 2. Date Of Birth 01/06/1976 3 Educational Qualification: M.E (Digital Electronics), 4. Work Experience (Years) • Teaching: 18 Yrs • Research: Industry: 2Yrs Others: 5. Area Of Specializations : - Image processing and pattern rec. 6 Subject Teaching At Under graduation Level : Digital Electronics & Application, CDIT, BMI , EM, Industrial Management.FOC Advanced Instrumentation System, IP&PR, Advance Post Graduate Level digital communication (ADC) 7. Research Guidance **♦** Master's 14 ❖ Ph.D. No. of paper published in:-**National Journals** * **International Journals** 15 Conference 10 8. Projects Carried Out 9. Patents 10.Technology Transfer 11. Research Publications 15 12. No. Of Books Published -With Details



1. NAME : Surendra P.Ramteke.

2. Date of Birth : 31.03.1979

3. Educational Qualification: M.E. (Digital Electronics)

BE E&TC, PhD (Pursuing)

4. Work Experience (Years) :

• Teaching: 15 Yrs

Research: -Industry: -Others: -

5. Area Of Specializations : Digital Image processing, Pattern Recognition

6 Subjects Teaching At

• Under graduation Level : Radiation&Microwave Techniques, Analog

Communication, Digital Electronics, digital Image

Processing, Microprocessor, Communication System I

• Post Graduate Level: Advanced Digital Communication, Digital Systrem Design

7. Research Guidance :

❖ Master's : 09

❖ Ph.D. : -

No. of paper published in :-

National Journals

International Journals : 10

❖ Conference : 13

8. Projects Carried Out : 01

9. Patents : -

10.Technology Transfer : -

11. Research Publications : 10

12. No. Of Books Published - 01

With Details :

1. NAME Sunil K. Khode 2. Date Of Birth 01.01.1979 3. Educational Qualification: M.E(Digital Electronics.) 4. Work Experience (Years) • Teaching: 13.5 Yrs Research: Industry: Others: 5. Area Of Specializations : Digital Electronics 6 Subject Teaching At Under graduation Level : Analog & Digital Electronics, IED, Digital Communication, Information Theory & Coding Tech., NL, PE EEEE, DSP Post Graduate Level 7. Research Guidance **♦** Master's ❖ Ph.D. No. of paper published in :-* **National Journals International Journals** 03 Conference 08 8. Projects Carried Out 9. Patents 10.Technology Transfer 11. Research Publications 12. No. Of Books Published With Details

1. NAME Mayuri T. Deshmukh 2. Date Of Birth 23-09-84 3. Educational Qualification: M.E E&TC (Digital electronics) 4. Work Experience (Years) • Teaching: 11.5Yrs. • Research: Industry: • Others : 5. Area Of Specializations :- - Digital Electronics 6. Subject Teaching At Under graduation Level : Telematics, EEE, DC, LIC, CS-1, IM Post Graduate Level 7. Research Guidance : **♦** Master's ❖ Ph.D. No. of paper published in :-**National Journals** Nil **International Journals** 04 Conference 02 8. Projects Carried Out 9. Patents 10.Technology Transfer : 11. Research Publications : 03 12. No. Of Books Published With Details



1. Name: Dr. Umesh S. Bhadade

2. Date of Birth: 16/08/1971

3. Educational Qualification: B.E., M.E. (Electronics), PhD(Electrical Engg.)

4. Work Experience: Teaching: 26 Years

- Research : Nil

- Industry : Nil

5. Area of Specialization : Data Compression

6. Subject Taught at P.G. level : Software Project Management, Digital System Design

Subject Taught at U.G. level: Computer Network, Programming Paradigm &

Methodology, Microprocessor

(8085/8086/80386), Microcontrollers, Software

Engineering, Data Structure, DBMS, Object Oriented

Technology, FLAT, Digital Electronics

7. Research guidance at- Master's level: 5

- Ph.D. level: 07 Guide (Pursuing)

No. Papers published/presented in

- National Journal : Nil

- International Journal: 23

- National Conferences: 15

- International Conferences: 19

8. Projects carried out: 01

9. Patents: 01 (filed)

10. Technology Transfer: Nil

11. Research publications: 57

12. No. of books published with details: --



1. Name: Dr. Archana K. Bhavsar

2. Date of Birth: 22/02/1977

3. Educational Qualification : Ph.D (CSE), M. Tech (CSE), B.E. (Computer Engg.),

4. Work Experience: Teaching: 16 Years 6 Months

3 Years 4 Months as a Programmer

- Research : Nil

- Industry : Nil

5. Area Specialization : Computer Science & Engg.

6. Subject Taught at P.G. level : Parallel Computing

Subject Taught at U.G. level: Organizational Behavior, System Programming,

Operating System, Object Oriented Modeling & Design,

Finance & Accounting, Software Engineering, Data Communication, Information Theory, Programming

Paradigm & Methodology,

7. Research guidance at

- Masters's level: Nil

- Ph.D. level: Nil

No. papers published in

- National Journals : Nil

- International Journal: 07

- National Conferences: 03

- International Conferences: 07

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 03

12. No. books published with details: 03

Title -: Object Oriented Modeling and Design

Publications: Prakash Publication, Jalgaon

Title - : Software Engineering

Publications: Prakash Publication, Jalgaon

Title -: Computer Network

Publications: Prakash Publication, Jalgaon



1. Name: Mr. Nitin Pundlik Jagtap

2. Date of Birth: 31/05/80

3. Educational Qualification : M.E. (CSE), B.E. (IT)

4. Work Experience : Teaching : 12 years 04 Months

- Research : Nil

- Industry: 1 year 5 month.

5. Area Specialization : Computer Science and Engg.

6. Subject Taught at P.G. level: Nil

Subject Taught at U.G. level: Cloud Computing, Enterprise Resource Planning,

Database Management System, Information Theory,

Management Information System, System Programming,

Artificial intelligence and Neural Network, Embedded

System, Data ware housing and Mining, Programming Paradigm and Methodology, Discrete Structure & Graph

Theory. Computer Graphics and Multimedia.

7. Research guidance at

- Masters's level: Nil

- Ph.D. level: Nil

No. Papers published in

- National Journals: 04 - International Journal: 09 - National Conferences: 02

- International Conferences: 02

8. Projects carried out: 01

9. Patents: Nil

10. Technology Transfer: Nil

11. Research Publications: 17

12. No. of Books published with details: 02

01) Implementation of Data watcher for

Data Leakage Detection system Lambert Publication, Germany

02) Data ware house and Mining Prakash Publication



1. Name: Mr. S. H. Rajput

2. Date of Birth: 26/10/1984

3. Educational Qualification: M.E. (CSE), B.E. (Computer Engg.)

4. Work Experience: Teaching: 12 Years

- Research: Nil

- Industry: Nil

5. Area Specialization: Computer Engineering

6. Subject Taught at P.G. level: Nil

Subject Taught at U.G. level: Digital System and Microprocessor, Formal

Languages and Automata Theory, Software

Metrics and Quality Assurance, Microprocessor

and Microcontroller interfacing, Data

Communication, E-commerce and Object

Oriented Programming.

7. Research guidance at

- Masters's level : Nil

- Ph.D. level: Nil

No. papers published in

- National Journals : Nil

- International Journals : 04

- National Conferences: 04

- International Conferences: 01

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 09

12. No. books published with details: Nil



1. Name: Mr. Rohidas Balu Sangore

2. Date of Birth: 18/09/1985

3. Educational Qualification : M Tech (IT), B.E. (IT)

4. Work Experience: Teaching: 10 Years 5 Months

- Research : Nil

- Industry: 3 Months

5. Area Specialization : Information Technology

6. Subject Taught at P.G. level : Nil

Subject Taught at U.G. level: Advanced Unix programming, ERP&SAP,

Android Programming, Principles of Management

Enterprise Resource Planning, Operating System,

Mobile Computing, E-commerce, Data Communication, Computer Organization

7. Research guidance at

- Masters's level :Nil

- Ph.D. level: Nil

No. Papers published in

- National Journals : Nil - International Journal : 07

- National Conferences: 03

- International Conferences: Nil

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: Nil

12. No. Books published with details: Nil



1. Name: Tejashri Anil Patil

2. Date of Birth: 22/09/1993

3. Educational Qualification: M.E. (CSE), B.E. (CSE)

4. Work Experience: Teaching: 3 Years

- Research : Nil

- Industry : 2 months

5. Area Specialization : Computer Science and Engineering.

6. Subject Taught at P.G. level: Nil

Subject Taught at U.G. level: System Programming, Cloud

Computing, Management of Information System, Microprocessor-II, Operating System, Enterprise Recourse Planning,

Data structure and Algorithms

7. Research guidance at

- Masters's level: Nil

- Ph.D. level: Nil

No. Papers published in

- National Journals: 00

- International Journals : 01

- National Conferences: 03

- International Conferences: 00

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 04

12. No. Books published with details: Nil



1. Name: Sana M. Deshmukh

2. Date of Birth: 16/04/1993

3. Educational Qualification : M.E. (CSE), B.E. (CSE)

4. Work Experience : Teaching : 3 Years

- Research : Nil

- Industry : Nil

5. Area Specialization :

6. Subject Taught at P.G. level: Nil

Subject Taught at U.G. level:

Computer Science and Engineering.

analog and digital electronics,

microprocessor, microprocessor and microcontroller interfacing, formal

language and automata theory, computer

organization and architecture

,Ecommerce, Design and analysis

algorithm

7. Research guidance at

- Masters's level: Nil

- Ph.D. level: Nil

No. Papers published in

- National Journals: 00

- International Journals: 03

- National Conferences: 00

- International Conferences: 00

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 03

12. No. Books published with details: Nil



1. Name: Nikheel D Kasar.

2. Date of Birth: 18/11/1992

3. Educational Qualification: M.Tech. (CSE), B.E. (CSE)

4. Work Experience: 1.6 Teaching: 0.6 Years

- Research : Nil

- Industry: 1

5. Area Specialization: Computer Science and Engineering

6. Subject Taught at P.G. level: Nil

Subject Taught at U.G. level:

7. Research guidance at

- Masters's level: Nil

- Ph.D. level: Nil

No. Papers published in

- National Journals: 00

- International Journals : 02

- National Conferences: 00

- International Conferences: 01

8. Projects carried out : Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 03

12. No. Books published with details: Nil

Organization Behavior, IT Workshop



1. Name : Dhanshri G. Sapkale

2. Date of Birth: 05/02/1997

3. Educational Qualification : **B.E.** (**CSE**)

4. Work Experience: Teaching: 5 months

- Research : Nil

- Research : 1411

5. Area Specialization : Computer Science and Engineering

6. Subject Taught at P.G. level: Nil

7. Research guidance at

Subject Taught at U.G. level: Nil

- Industry : Nil

- Ph.D. level : Nil

- Masters's level: Nil

No. Papers published in

- National Journals : 00

- International Journals: 01

- National Conferences: 00

- International Conferences: 01

8. Projects carried out: Nil

9. Patents: Nil

10. Technology Transfer: Nil

11. Research publications: 02

12. No. Books published with details: Nil

1. Name : Dr. S. P. Shekhawat

2. Date of Birth : 03/05/1974

3. Educational Qualification : Ph.D (Mechanical)

4. Work Experience

- Teaching : 17Years

- Research : 05Years

- Industry : Nil

5. Area of Specialization : Energy, Design

6. Subject taught at P.G. level : Mechatronics, DSM

Subject taught at U.G. level : TOM-I, Thermodynamics

7. Research Guidance at

- Master's level : 10Students

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 02

- International Journals : 26

- National Conferences : 05

- International Conferences : 13

9. Projects carried out : 04

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 28

13. No. of books published in details : Nil



1. Name : NAVNEET K PATIL

2. Date of Birth : 23-09-1969

3. Educational Qualification : M.Tech, MBA, PhD (Pursuing)

4. Work Experience

- Teaching : 26 - Research : 08 - Industry : 02

5. Area of Specialization : Production, Thermal, Design, Management

6. Subject taught at P.G. level : Optimization, Design

Subject taught at U.G. level : MQC, Mechanics, Drawing, OR, TOM

7. Research Guidance at

- Master's level : 15

- Ph.D. level :

8. No. of papers published in

- National Journals : 08

- International Journals : 10

- National Conferences : 05

- International Conferences : 05

9. Projects carried out : 10

10. Patents : nil

11. Technology Transfer : nil

12. Research publications :

13. No. of books published in details : 03; MQC, IC Engines, App. Thermodynamics

1. Name : Mr.KrishnaShrivastava

2. Date of Birth : 7th November 1973

3. Educational Qualification : Associate Professor, Mech. Engg. Dept.

4. Work Experience

- Teaching : 21 Years

- Research :

- Industry :

5. Area of Specialization : Thermal Power

6. Subject taught at P.G. level :

Subject taught at U.G. level : Engg. Thermodynamics, HT, Turbo M/c, ED,

Refrigeration, Mechanics.

7. Research Guidance at

- Master's level :

- Ph.D. level :

8. No. of papers published in

- National Journals

- International Journals : 04

- National Conferences : 05

- International Conferences : 05

9. Projects carried out : 02

10. Patents :

11. Technology Transfer :

12. Research publications :

13. No. of books published in details : 01

1. Name : Mahesh VedprakashRawlani

2. Date of Birth : 7th June1970

3. Educational Qualification :



Degree/	Specialization	Year of Passing	Institute	Board / University	Percentage	Division
B.E.	Production	1994	VYWS College of Engg. Badnera	Amaravati	64	First
M.E.	Mechanical	2005	S.A.T.I Vidisha	Rajiv Gandhi ProdyogikiVishwa vidyalaya, Bhopal	70	First
Ph.D	Mechanical	2015	NMU	NMU	Pursuing	

4. Work Experience

- Teaching : 24 YEARS

- Research :

- Industry :

5. Area of Specialization : MANUFACTURING, MANAGEMENT

6. Subject taught at P.G. level :

Subject taught at U.G. level : Operation research, NACM, ED

7. Research Guidance at

- Master's level :

- Ph.D. level :

8. No. of papers published in

- National Journals :

- International Journals : 5

- National Conferences : 5

- International Conferences : 2

9. Projects carried out : PROJECT got 1st prize at DIPEX state level competition

and also project student got award from ZEE 24 TAAS

10. Patents :

11. Technology Transfer :

12. Research publications :

13. No. of books published in details :

Sr. No.	Title with page Nos.	Type of Book & Authorship	Publisher, Year & ISSN/ISBN No.	Whether principal author/corre sponding author/Guid e
1	Manufacturing Engineering-I	Reference Book	Dhanpatrai&co. Delhi 2013	
2	Manufacturing Engineering-II 286	Reference Book	Dhanpatrai&co. Delhi 2014	
3	Engineering Drawing 235	Subject Book	NiraliPrakashan Pune 2012 ,978- 93-82448-69-3	
4	Engineering Graphics 230	Subject Book	NiraliPrakashan Pune 2012,978- 93-81962-99-2	Principal
5	Manufacturing Processes 250	Subject Book	NiraliPrakashan Pune 2014, 978- 93-83750-59-7	
6	INDUSTRIAL ENGINEERING AND SAFETY 104	Subject Book	NiraliPrakashan Pune 2014	Principal
7	Project &Business Management 176	Subject Book	NiraliPrakashan Pune 2015,978- 93-5164-403-3	Principal
8	Numerical Analysis &Computational Methods 392	Reference Book	NiraliPrakashan Pune 2015,978- 93-5164-400-2	Principal



1. Name : Dr.Prajitsen G. Damle

2. Date of Birth : 08th Oct. 1973

3. Educational Qualification : Ph. D. (Mechanical)

4. Work Experience

- Teaching : 17 Years

- Research :

- Industry : 1 Year

5. Area of Specialization : Machine Design

6. Subject taught at P.G. level : Mechanical Vibration, Design of Synthesis

Subject taught at U.G. level : Machine Design I and II, EDEME

7. Research Guidance at

- Master's level : Yes

- Ph.D. level :

8. No. of papers published in

- National Journals : 01

- International Journals : 10

- National Conferences : 07

- International Conferences : 04

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 04

13. No. of books published in details : 01

1. Name : D.B.Sadaphale

2. Date of Birth : 01/07/1976

3. Educational Qualification : M.E.(Machine Design)

4. Work Experience

- Teaching : 18 Years

- Research : 02Years

- Industry : nil

5. Area of Specialization : Machine Design

6. Subject taught at P.G. level : AMED,TRIBOLOGY,OTD,MTD

Subject taught at U.G. level : F.M.A.T., MSM, and PPE

7. Research Guidance at

- Master's level : 12 Students

- Ph.D. level : nil

8. No. of papers published in

- National Journals : 04

- International Journals : 08

- National Conferences : 03

- International Conferences : 03

9. Projects carried out : 01

10. Patents : nil

11. Technology Transfer : nil

12. Research publications : 01

13. No. of books published in details : nil



1. Name : PrashantNarendraraoUlhe

2. Date of Birth : 09/03/1974

3. Educational Qualification : M.E. (Machine Design)

4. Work Experience

- Teaching : 16 yrs

- Research : Nil

- Industry : 5yrs

5. Area of Specialization : Machine Design

6. Subject taught at P.G. level : Tribology, OTD.

Subject taught at U.G. level : SOM, MV, CAD/CAM, AE, Robotics, TOM-I

7. Research Guidance at

- Master's level : 09

- Ph.D. level : Nil

8. No. of papers published in

- National Journals :

- International Journals : 15

- National Conferences : 8

- International Conferences : 4

9. Projects carried out : 1

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications :

13. No. of books published in details : 1

1. Name : PradeepMohansinghSolanki

2. Date of Birth : 06/10/1981

3. Educational Qualification : M.E. (CAD/CAM)

4. Work Experience

- Teaching : 13Yrs- Research : NIL- Industry : NIL

5. Area of Specialization : CAD/CAM

6. Subject taught at P.G. level : CMMD, Robotics

Subject taught at U.G. level : CAD/CAM, FEAST, EDEME,

NACM, Mechatronix, and Computer Graphics

7. Research Guidance at

- Master's level : 11

- Ph.D. level : NIL

8. No. of papers published in

- National Journals : 0

- International Journals : 17

- National Conferences : 05

- International Conferences: 09

9. Funded Projects carried out : 02

10. Patents : NIL

11. Technology Transfer : NIL

12. Research publications : 31

13. No. of books published in details : NIL



1. Name : PravinDharmaraj Patil

2. Date of Birth : 30 April 1980

3. Educational Qualification :Ph.D Pursuing

4. Work Experience

- Teaching: 13Years

- Research: NIL

- Industry: 6 Months

5. Area of Specialization: CAD/CAM

6. Subject taught at P.G. level: NIL

Subject taught at U.G. level: CAD/CAM, Engg Drawing, Automobile Engg,

Soft Skill, Engg thermodynamics, Manufacturing Engg, MQC

7. Research Guidance at

- Master's level: YES (01)

- Ph.D. level: Nil

8. No. of papers published in

- National Journals: 04

- International Journals: 08

- National Conferences: 04

- International Conferences: 05

9. Projects carried out: Design and development of Human PowerOperated Machine

10. Patents : NIL

11. Technology Transfer : NIL

12. Research publications : 21

13. No. of books published in details: NIL



1. Name : Mahesh V Kulkarni

2. Date of Birth : 23/07/1979

3. Educational Qualification : M.Tech.

4. Work Experience

- Teaching : 11

- Research : Nil

- Industry : 02

5. Area of Specialization : Heat Power Engineering

6. Subject taught at P.G. level : NIL

Subject taught at U.G. level : Heat Transfer, and Turbo Machinery, RAC, AT,

ET, PPE etc.

7. Research Guidance at

- Master's level : NIL

- Ph.D. level : NIL

8. No. of papers published in

- National Journals : NIL

- International Journals : 07

- National Conferences : 01

- International Conferences : 03

9. Projects carried out : IEDC funded project Title "Solar Water Heating

System Using Innovative Flat Plate Collector and Storage Volume" in year 2015-16

10. Patents : NIL

11. Technology Transfer : NIL

12. Research publications : 08

13. No. of books published in details : NIL



2. Date of Birth : 05-07-1968

3. Educational Qualification : M.E (Machine Design), PhD. Pursuing

4. Work Experience 19 Years

- Teaching : 11Years

- Research : ----

- Industry : 08 Years

5. Area of Specialization : Machine Design and Manufacturing Engineering

6. Subject taught at P.G. level : ---

Subject taught at U.G. level : Manufacturing Engineering I, Manufacturing

Engineering II

7. Research Guidance at

- Master's level : NIL

- Ph.D. level : NIL

8. No. of papers published in

- National Journals : 01

- International Journals : 14

- National Conferences : 03

- International Conferences : 01

9. Projects carried out : 01

10. Patents : NIL

11. Technology Transfer : NIL

12. Research publications : 19

13. No. of books published in details : NIL

Faculty Profile



1. Name : DipakChandrakantTalele

2. Date of Birth : 19/06/1987

3. Educational Qualification : M.Tech. (CAD/CAM) Ph.D. Pursuing

4. Work Experience

- Teaching : 05 years

- Research : Nil

- Industry : 09 month

5. Area of Specialization : CAD/CAM

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : FEA&ST, TOM-II, MQC, ERT

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 00

- International Journals : 15

- National Conferences : 01

- International Conferences : 07

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 23

13. No. of books published in details : Nil



1. Name : Dr. PrashantPanditBornare

2. Date of Birth : 01/06/1979

3. Educational Qualification Ph.D (Management) B.E. Mech.

MBA (Marketing & HRD), M.E.(Mechannical)

4. Work Experience

- Teaching : 12 years

- Research : Nil

- Industry : 03 years

5. Area of Specialization : Management, Mechanical

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : Internal combustion Engine, MMM, PBM,

Automobile Engineering, Industrial Engineering

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 00

- International Journals : 10

- National Conferences : 01

- International Conferences : 02

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 13

13. No. of books published in details : Nil



1. Name : AKHILESH VIJAYSING RAJPUT

2. Date of Birth : 06/01/1989

3. Educational Qualification : ME(Machine Design)

4. Work Experience

- Teaching : 05 Yrs.

- Research : Nil

- Industry : 02 Yrs.

5. Area of Specialization : Machine Design

6. Subject taught at P.G. level :Nil

Subject taught at U.G. level : EDEME, Auto.Engg.-I, Auto.Engg.-II,IMEED

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 0

- International Journals : 04

- National Conferences : 02

- International Conferences : 03

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : 08

13. No. of books published in details : Nil



1. Name : Ajay JanakraoPuri

2. Date of Birth : 11/03/1990

3. Educational Qualification : M.E. (Production Engineering)

4. Work Experience

- Teaching : 05 years

- Research : Nil

- Industry : 02 years

5. Area of Specialization : Production Engineering

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : MSM, ME-II, PBM, IE&S

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 00

- International Journals : 02

- National Conferences : 01

- International Conferences : 02

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : Nil

13. No. of books published in details : Nil



1. Name : TejasGalu Patil

2. Date of Birth : 19/08/1988

3. Educational Qualification : M.E. (Thermal Engineering)

4. Work Experience

- Teaching : 05 years

- Research : Nil

- Industry : 02 years

5. Area of Specialization : Thermal Engineering

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : AT, RAC, Turbo M/C,

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 00

- International Journals : 08

- National Conferences : 01

- International Conferences : 03

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : Nil

13. No. of books published in details : Nil



1. Name : SMIT.MANOHAR.ARBAT

2. Date of Birth : 26/07/1988

3. Educational Qualification : B.E. (Mechanical), M.E. (CAD-CAM)

4. Work Experience

- Teaching : 4 YEARS 6 MONTHS

- Research : Nil- Industry : Nil

5. Area of Specialization : CAD-CAM

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : Engineering Drawing, Manufacturing Process,

Engineering Thermodynamics, Engineering Mechanics, CAD Lab, HT Lab, CG Lab, Machine Drawing.

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 1

- International Journals : 2

- National Conferences : Nil

- International Conferences : Nil

9. Projects carried out : Nil

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : Nil

13. No. of books published in details : Nil

1. Name : ABHINAV DEVIDAS SARDAR

2. Date of Birth : 05/10/1988

3. Educational Qualification : M.E (Thermal Engineering)

4. Work Experience

- Teaching : 03 years &06 months

- Research : Solar drying Technologies

- Industry : Nil

5. Area of Specialization : Thermal Engineering

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : Power Plant Engg, Energy Resources & Technology, Heat

transfer, Refrigeration and air conditioning.

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 03

- International Journals : 02

- National Conferences : 01

- International Conferences : 01

9. Projects carried out : POP can dryer, Weeder Machine, Compound Solar

Collector, Incinerator combustor.

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : Nil

13. No. of books published in details : Nil

1. Name : Shadab Shaikh Bismillah

2. Date of Birth : 23/10/1990

3. Educational Qualification : M.E (Thermal Engineering)

4. Work Experience

- Teaching : 06 years &05 months

- Research : Performance improvement of vertex tube.

- Industry : Nil

5. Area of Specialization : Thermal Engineering

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : Refrigeration and air conditioning, Automobile

Engg., Engineering Graphics.

7. Research Guidance at

- Master's level : Nil

- Ph.D. level : Nil

8. No. of papers published in

- National Journals : 00

- International Journals : 02

- National Conferences : 00

- International Conferences : 00

9. Projects carried out : Performance improvement of vertex tube

10. Patents : Nil

11. Technology Transfer : Nil

12. Research publications : Nil

13. No. of books published in details : Nil



1. Name : Tushar Dattatray Tayade

2. Date of Birth : 06/09/1990

3. Educational Qualification : M.E (Design Engineering)

4. Work Experience

- Teaching : 04 years- Research : Design- Industry : 1 Yrs.

5. Area of Specialization : Design Engineering

6. Subject taught at P.G. level : Nil

Subject taught at U.G. level : Machine Drawing, Eng. Graphics, TOM,

: Nil

Mechanics, SOM

7. Research Guidance at

- Master's level : Nil

8. No. of papers published in

National Journals : 00
 International Journals : 01
 National Conferences : 00
 International Conferences : 00

- Ph.D. level

9. Projects carried out : Analysis of Two wheeler chassis frame joint

10. Patents : Nil
11. Technology Transfer : Nil
12. Research publications : Nil
13. No. of books published in details : Nil



FACULTY PROFILE

1. Name : Dr. Vishal S.Rana

2. Date of Birth: 15/12/1980

3. Educational Qualification: M.Com, M.B.A (Marketing), Ph.D (Mgmt Science)

4. Work Experienced:

1. Teaching : 13 Years 06 Months

2. Research: Nil

3. Industry : 0.7 Months

4. Other : Nil

5. Area of Specialization: Marketing

6. Subjects teaching at UG level: NIL

Subjects teaching at PG level: Organizational Behavior-I & II, Global Marketing

Management, Retail Management & Consumer Behavior, Cases in Marketing,

Marketing Management.

7 Research's Guidance Master's : Nil

Ph.D : Nil

No. Of paper published in a. National journal : 03

b. International journal : 18

c. National Conference : 14

d. International Conference: 05

8. Project carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research publication : 18

12. No. of book published with detail: Nil



DEPARTMENT OF BUSINESS ADMINISTRATION (M.B.A) FACULTY PROFILE

1. Name: Faroza A. Kazi

2. Date of Birth: 16/02/1978

3. Educational Qualification: M.B.A (HRM), M.P.M, B.com

4. Work Experienced:

1. Teaching : 7 Yrs & 2 Months

2. Research : Nil

3. Industry : 2 Yrs

4. Other : 4 yrs Teaching as Lecturer in Engg.

5. Area of Specialization : HRM

6. Subjects teaching at UG level: Industrial Mgmt (E&TC Engg.), Industrial Org.

& Mgmt (Electrical Engg.), Industrial Mgmt & Economics (Comp/IT Engg.)

Subjects teaching at PG level: Management Science, Business Research Methods, Mgmt.

Information System & ERP Corporate Business Scenario, E-commerce, Information

Technology for Managers, Industrial Relation & Trade Union, HR Legislations, Labour

Welfare & Administration & Cases in HRM, Business & Government.

7 Research's Guidance Master's : 31 (MBA)

Ph.D : Nil

No. Of paper published in a. National Journal : 02

b. International Journal : 02

c. National Conference : 07

d. International Conference: 04

12. Project carried out : Nil

13. Patents : Nil

14. Technology Transfer : Nil

15. Research publication : 15

12. No. of book published with detail: Nil



FACULTY PROFILE

1. Name : Mukesh Bhaskar Ahirrao

2. Date of Birth : 24/06/1984

3. Educational Qualification : B.Com, M.Com, M.B.A (Fin.), Ph.D Pursuing

4. Work Experienced:

1. Teaching : 08 Years

2. Research : Nil

3. Industry : 3 Years 4 Months

4. Other : Nil

5. Area of Specialization : Finance & Marketing

6. Subjects teaching at UG level: Nil

Subjects teaching at PG level: Entrepreneurship & Project Management, Global Economic Scenario, Managerial Economics, Marketing Research & Business Analytics, Investment & Portfolio Management, Marketing Management, Case Studies in Financial Management, Product & Brand Management, Practical Aspect of Business.

7 Research's Guidance Master's : 36 (MBA)

Ph.D : Nil

No. Of paper published in a. National journal : 04

b. International journal : 17

c. Conference : 05

16. Project carried out : Nil

17. Patents : Nil

18. Technology Transfer : Nil

19. Research publication : 21

12. No. of book published with detail : Nil

FACULTY PROFILE

1. Name : Er.Pankajkumar Ambadas Anawade

2. Date of Birth: 05/07/1982

3. Educational Qualification: B.E (Mech), M.B.A (Mktg)

4. Work Experienced:

1. Teaching : 09 Years and 06 Months

2. Research: Nil

3. Industry : 2.5 Years

4. Other : Nil

5. Area of Specialization: Marketing

6. Subjects teaching at UG level: Principles of Management (IT Department)

Subjects teaching at PG level: Introduction to Operation Management,

Quantitative Techniques, , Consumer Behavior and Service Marketing, , Supply

Chain Management, Retail Management And Digital Marketing.

7 Research's Guidance Master's : Nil

Ph.D : Nil

No. Of paper published in a. National journal : 04

b. International journal: 06c. National Conference : 03

d. International Conference: 06

08. Project carried out : Nil

09. Patents : Nil

10. Technology Transfer: Nil

11. Research publication: 06

12. No. of book published with detail: Nil



DEPARTMENT OF BUSINESS ADMINISTRATION (M.B.A) FACULTY PROFILE

1. Name : Dr.Richa A.Modiyani

2. Date of Birth: 30/04/1987

3. Educational Qualification: B.B.S, M.B.A (Fin), PhD (Mgmt)

4. Work Experienced:

1. Teaching : 10 Years & 6 Months

2. Research: Phd & VCRMS

3. Industry: Nil

4. Other : Nil

5. Area of Specialization: Finance

6. Subjects teaching at UG level: NIL

Subjects teaching at PG level: Financial Management, Business Accounting, Managerial Economics, Management Accounting, Strategic Management, Management Practices, Case Studies in Finance, Consumer behavior & service marketing, Strategic Financial Management & Retail Management & Digital Marketing, Marketing Research & Business Analytics, Service Marketing.

7 Research's Guidance Master's : 100 (MBA)

Ph.D : Nil

No. of paper published in a. National journal : 04

b. Internal national journal : 10c. National Conference : 09d. Internal national Conference : 07

08. Project carried out : 01 VCRMS, KBC NMU, Jalgaon

09. Patents : Nil 10. Technology Transfer : Nil

11. Research publication: 30

12. No. of book published with detail: Nil



FACULTY PROFILE

1. Name : Dr. Saroj B. Patil

2. Date of Birth: 28/05/1974

3. Educational Qualification: B.Sc.(computer), M.C.M, Ph.D

4. Work Experienced:

1. Teaching : 05.6 yrs

2. Research: Nil

3. Industry : Nil

4. Other : 12 Years

5. Area of Specialization: HRM

6. Subjects teaching at UG level: Nil

Subjects teaching at PG level: Human Resource Management, Information

Technology for Manager, E-commerce and Excellence Management

7 Research's Guidance Master's : 40 (MBA)

Ph.D : Nil

No. Of paper published in a. National journal : 05

b. International journal : 10

c. National Conference : 02

d. International Conference: 03

20. Project carried out : Nil

21. Patents : Nil

22. Technology Transfer : Nil

23. Research publication : 15

12. No. of book published with detail: Nil



FACULTY PROFILE

1. Name : Ms. Seema K. Sonar

2. Date of Birth: 04/05/1994

3. Educational Qualification: B.Com, MBA (Fin)

4. Work Experienced:

1. Teaching : 5 Month

2. Research: Nil

3. Industry : 2 years 3 month

4. Other : Nil

5. Area of Specialization: Finance

6. Subjects teaching at UG level: Nil

Subjects teaching at PG level: Legal Aspects of Business, Organisational Behaviour-

I, Tax Management, Labour Laws

7 Research's Guidance Master's : Nil

Ph.D : Nil

No. Of paper published in a. National journal : Nil

b. International journal : Nil

c. National Conference : Nil

d. International Conference: Nil

24. Project carried out : Nil

25. Patents : Nil

26. Technology Transfer : Nil

27. Research publication : Nil

12. No. of book published with detail: Nil

FACULTY PROFILE

1. Name : Ms. Priya K. Patil

2. Date of Birth: 04/05/1994

3. Educational Qualification: B.Com, MBA (H.R)

4. Work Experienced:

1. Teaching : 5 Month

2. Research: Nil

3. Industry : 2 years 6 month

4. Other : Nil

5. Area of Specialization: Human Resource

6. Subjects teaching at UG level: Nil

Subjects teaching at PG level: Consumer Behaviour & Services Marketing, Product and Brand Management, Statastics and Quantitative techniques, Human Resource Management

7 Research's Guidance Master's : Nil

Ph.D : Nil

No. Of paper published in a. National journal : Nil

b. International journal : Nil

c. National Conference : Nil

d. International Conference: Nil

28. Project carried out : Nil

29. Patents : Nil

30. Technology Transfer : Nil

31. Research publication : Nil

12. No. of book published with detail: Nil



Dr. Kishor Sopan Wani (Principal)

Address: (O): SSBT's College of Engineering & Technology, Bambhori,

Jalgaon. P.Box No. 94. Jalgaon 425001

(R): 31/2, "Annapurna", Gandharva Colony, Jalgaon-425001.

Contact: Mob-+919423774254

Office: 0275 2258391/93

Email: wani.kishor@gmail.com

ACADEMIC QUALIFICATIONS:

Ph. D. (Biotechnology)

North Maharashtra University, Jalgaon.

M.Tech (Chemical Technology):

Laxminarayan Institute of Technology, Nagpur

D.B.M.: Bharatiya Vidya Bhavans Rajendra Prasad Institute of Management, Mumbai, (Nagpur Chapter)

PROFESSIONAL EXPERIENCE:

A. Teaching:

Total: 33 Years PG Teacher: 9 years.

B. Administration:

- 1. Principal since 14th October, 2011 till date, SSBT's College of Engineering & Technology, Bambhori, Jalgaon
- 2. Head, Chemical Engg. Department, SSBT's College of Engineering & Technology, Bambhori, Jalgaon
- 3. Principal, SMIT Polytechnic, Jalgaon.

GENERAL ADMINISTRATION:

- 1. Leadership, direction and co-ordination in Administrative and Academic activities falling in line with the AICTE, North Maharashtra University, Jalgaon and the Government of Maharashtra norms, in all aspects.
- 2. Conduct all the UG, PG and Ph.D programmes according to the affiliating, North Maharashtra University, Jalgaon guidelines.
- 3. Development and maintenance of effective educational programs and improvement of teaching and learning.
- 4. Detailed organization of the institute, assigning duties to and the supervision of members and the general operation of the institutional facility.
- 5. Student Control, Supervision, Student Evaluation and Reporting.
- 6. Budgeting and Buying.
- 7. Develop and foster a sense of pride and respect for institutional property
- 8. Monitors admission, conducts regular class works, to organize placement activities in coordination with Placement officer, create an environment for industry institute



- interaction, coordinate R&D activities, coordinate staff and external organization for R&D and consultancy, maintain discipline among students and staff.
- 9. Monitors smooth conduct of Quality Management System in accordance with NBA and NAAC.

HONORS & ACHIEVEMENTS:

- 1. Elected Chairman, Board of Studies, Chemical Engineering, Chemical Technology and Biotechnology Engineering, Kavayatri Bahinabai Chaudhari North Maharashtra University, Jalgaon. (2018)
- 2. Member, Academic Council, Kavayatri Bahinabai Chaudhari North Maharashtra University, Jalgaon. (2018)
- 3. Invited member for BOE of Kavayatri Bahinabai Chaudhari North Maharashtra University, Jalgaon (2018)
- 4. ISO 9001:2015 Certification.
- 5. NAAC Accreditation of the College with CGPA of 2.91 on seven point scale at B++ grade wef September16,2016 to September 15, 2021(in the tenure as Principal)
- 6. NBA Accreditation of the College wef July 01, 2014 for Two years (in the tenure as Principal)
- 7. NBA Accreditation of Chemical Engineering Department wef July 19, 2008 for Five years (in the tenure as HOD)
- 8. NBA Accreditation of Chemical Engineering Department wef February 15, 2005 for Three years (in the tenure as HOD)
- 9. ISO 9001:2008 Certification
- 10. Dean for Faculty of Engineering, Technology and Architecture for the 24th Convocation Ceremony of North Maharashtra University, Jalgaon on 6.6.2016
- 11. Member of BOS of Chemical Engineering & Technology, NMU, Jalgaon
- 12. Member of 32/(5) Committee, NMU, Jalgaon
- 13. Chairman for Ph.D. Viva
- 14. Chairman, Lab Recognition committee, 2016 of NMU, Jalgaon.
- 15. Invited member for BOE of NMU, Jalgaon
- 16. VC Nominee on University Selection Committee
- 17. Member of LIC Report Scrutiny Committee 2016
- 18. Certificate of recognition for outstanding result in the subject Biochemical Engineering, Oct.2015 examination
- 19. Chairman LIC committee (Permanent Affiliation) of NMU, Jalgaon
- 20. Organized Jalgaon District Level "Avishkar 2015", NMU, Jalgoan
- 21. Sanyojan Samiti Pramukh for "Yuvarang 2015", NMU Jalgaon
- 22. Vice Chancellor's Research Motivation Scheme (VCRMS)" 2015, Shipharas Samiti Pramukh, NMU, Jalgaon
- 23. Letter of Appreciation from MKCL on the eve of Teachers Day, 5.9.2013
- 24. Patron for International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management 2019 (ICGTSTHCM 2019) January 18-20, 2019.

RESEARCH & PUBLICATIONS:

Research:

- Ph.D. Guide in Chemical Engineering & Technology of N.M.U., Jalgaon
 - 1. Students Awarded Ph.D.: 02
 - 2. Students Submitted Ph.D. Thesis: 01
 - 3. Students Submitted Pre Ph.D. Thesis: 01
 - 4. Students pursuing Ph.D.: 01
 - 5. No. of M.E. Projects Guided: 06

Patent:

First & true inventor of the patent (dated 2/01/2006) on "A Method for production of orange colored aliphatic pigment by *Chryseobacterium Indologenes* (Patent No. 196509 of 16/12/2003, A-MU/0865).

Reviewer:

P.M.Patil and M. Husain, "Specific microbial degradation kinetics of food waste: a case study" in "Frontiers in Environmental Engineering (FIEE)" on 13 October 2013.

RESEARCH PUBLICATIONS:

A. International Publications:

- V.S.Patil, J.D.Dhake, K.S.Wani. "Development of Acetylation Technique for chemical modification of cellulose fiber using baggase, bamboo & pad pulps", published in "Oriental Journal of Chemistry", Vol 19,No.3,2003,pp-681-684.Impact Factor: 0.479,ISSN No: 0970-020X.
- 2. **K.S.Wani**, B.S.Naphade, B.L.Chaudhari & S.B.Chincholkar. "Pigment Production" published in, "Concise Encyclopedia of Bioresource Technology", Haworth press publication, New York, 1st April 2004, pp 645 652.
- 3. S.S.Sonawane, G.A.Usmani, V.R.Parate, V.S.Patil, **K.S.Wani.** "Mass transfer and kinetic studies of antacids in acetic acid and its modeling simulation", published in "Material Science and Research India". Vol.5 (1), 2008, pp 101-106. ISSN No.online:2394-0565.Index Copernicus Value: 60.97.
- 4. S.S.Sonawane, G.A.Usmani, V.R.Parate, **K.S.Wani** and S.J.Wagh. "Study the kinetics of catalytic esterification reaction between n-Butanol and Acetic acid", published in "Material Science and Research India". Vol.5 (1), 2008, pp135-138. ISSN No.online:2394-0565. Index Copernicus Value: 60.97.
- Priti N Chaudhari, Kishor S Wani, Bhushan L Chaudhari and Sudhir B Chincholkar "Characteristics of Sulfobacin A from a soil isolate Chryseobacterium gleum", published in "Applied Biochemistry and Biotechnology" DOI 10 1007/s12010-008-8417-7, Nov.2008.Impact Factor: 1.735. ISSN No. online: 1559-0291.
- 6. Sharanappa A., **K.S.Wani**, Pallavi Patil. "Bioprocessing of Food Industrial Waste for Alpha Amylase Production by Solid State Fermentation", published in "International Journal of Advanced Biotechnology and Research". Vol 2, Issue 4, 2011, pp 473-480. Impact Factor: 1.506.ISSN No. 0976-2612.
- 7. A.R.Lokhande, V.S.Patil, Wani K.S. "Preparation of greases from metal soaps of

- nontraditional oil using waste lubricating oil", published in "International Journal of Chemical Engineering Research". Volume 4, Number 1 (2012), pp. 1-7. ISSN No: 0975-6442.
- 8. M. Husain, **K.S.Wani** and S.P.Pawar. "Pollution Control: A Techno-Spiritual Perspective", published in "Pratibha: International Journal of Science, Spirituality, Business and Technology", ISSN (Print) 2277-7261, Vol.1, No. 1, March 2012, pp.82-85.
- 9. Lokhande A.R., Patil V.S., **Wani K.S** "Study of Diethanolamide from Custard Apple Seed Oil (*Annona Squamosa L*)", published in "International Journal of Engineering and Technology (IJERT), ISSN No:2278-0181, Vol.2, Issue 9, September-2013 pp 448-452. Impact Factor: 1.76
- 10. Harshal Nagpure, Vikram Banakar, Rahul Dhanda and **K.S.Wani** "Degradation of Paper Mill Wastewater using Batch (Photocatalytic) Reactor", published in "International Journal of Green Chemistry and Bioprocess", ISSN No:2277-7199, 3(3), 2013, pp 24-29.
- 11. Abhang R. M., **Wani K.S**, Patil V. S., Pangarkar B. L., and Parjane S. B. "Nano-filtration for Recovery of Heavy Metal Ions from Wastewater- A Review", published in "International Journal of Research in Environmental Science and Technology", ISSN No.:2249-9695, 3(1), 2013, 29-34. Impact Factor: 1.844
- 12. Sakina Husain, Dr.M. Husain and **K.S.Wani**. "Role of Constitutional Ruling System", published in "Pratibha: International Journal of Science, Spirituality, Business and Technology", ISSN No. (Print) 2277-7261, Vol.1, No. 2, February 2013, pp.82-84.
- 13. R. M. Abhang, K.S.Wani, V.S.Patil and S.H.Sonawane. "Perspectives and Challenges of Hydrogen Storage by Metal-Organic Frameworks", published in "Pratibha: International Journal of Science, Spirituality, Business and Technology", Vol.2, No. 1, November 2013, ISSN No.(Print) 2277-7261, pp.18-24.
- 14. Anand D. Kulkarni and **Kishor S.Wani.** "Magnetic Field Conditioning: An Energy Efficient Method for Crude Oil Transportation", published in "Pratibha: International Journal of Science, Spirituality, Business and Technology", Vol.2, No. 1, November 2013, ISSN No. (Print) 2277-7261, pp.36-39.
- 15. N.Y.Ghare, **K.S.Wani** and V.S.Patil. "Recovery of Acids from Spent Pickle Liquor of a Steel Industry By Ion Exchange Route", published in "International Journal of Emerging Trends in Engineering", ISSN No. 2249-6149 Vol.1, Issue 4, January, 2014, pp 318-326. Impact Factor:2.87
- 16. Rajendrakumar Abhang, **Kishor Wani** and Vilas Patil. "Advancement and Prospectives of MOF and ZIF as Filler in Mixed Matrix Membrane for CO₂/N₂ Separation- a Review", published in "Cyber Times International Journal of Technology and Management", ISSN No. 2278-7518, Vol.7. Issue 2, April-September, 2014, pp 26-33.Impact Factor: 4.896
- 17. Anand Kulkarni and **Kishor Wani** "Effect of Magnetic Field on Viscosity and Ultraviolet Spectra of Hydrocarbons" published in "Cyber Times International Journal of Technology and Management", ISSN No. 2278-7518 Vol.7. Issue 2, April- September, 2014 pp 34-40. Impact Factor: 4.896

- 18. **Kishor S.Wani**, Mujahid Husain² and Vijay R Diware, "Detergent Removal from Sullage by Photo-catalytic Process", accepted for the publication in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT) ISSN (Print) 2277-7261 IJSSBT, VOL. 3, No.1, Dec. 2014, Page No.1 -5.
- 19. R.M.Abhang, **K.S.Wani** and V.S.Patil, "Synthesis and characterization of ZIF-8 filler for preparation of mixed matrix membrane", published in "International Journal of Scientific and Engineering Research", ISSN No. 2229-5518,Vol.6. Issue 8, August, 2015, pp 1276-1280.
- 20. Kulkarni A.D. and **Wani K.S** "Reducing Crude Oil Viscosity Using Diluents", Published in International Journal of Engineering Trends and Technology, ISSN No.: 2231-5381, Special Issue, ICGTETM Number-1, January 2016 Page No. 85 to 89. DOI: 10.14445/22315381/IJETT-ICGTETM-N1, Impact Factor: 1.795
- 21. Yogendra D. Thakare, Vijay R. Diware, **Kishor S. Wani** "Decolorization of Malachite Green Dye Using UV + H₂O₂ and Photo Fenton Processes", Published in International Journal of Engineering Trends and Technology, ISSN No: 2231-5381, Special Issue, ICGTETM Number-1, January 2016, Page No. 90 to 93.DOI: 10.14445/22315381/IJETT-ICGTETM-N1, Impact Factor: 1.795
- 22. R. M. Abhang, **K. S. Wani**, V. S. Patil, "Performance Studies of ZIF-8/PES Asymmetric Mixed Matrix Membrane for Permeation of CO₂/CH₄" Published in International Journal of Engineering Trends and Technology, ISSN No: 2231-5381, Special Issue, ICGTETM Number-2, January 2016, Page No. 183 to 187. DOI: 10.14445/22315381/IJETT-ICGTETM-N2, Impact Factor: 1.795
- 23. A.R.Lokhande, **Kishor Sopan Wani**, Mohd. Afsar S. Siddiqui, "Study of Pectin from Peels of Magnifera Indica and Artocarpus Hetrophyllus" published in International Journal of Engineering Trends and Technology, ISSN No: 2231-5381, Special Issue, ICGTETM Number-3, January 2016, Page No. 375 to 381. DOI: 10.14445/22315381/IJETT-ICGTETM-N3, Impact Factor: 1.795
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- 25. R.M.Abhang, **K.S.Wani,** V.S.Patil, Performance prediction of ZIF-8/ polymer blend mixed matrix membrane by permeation models for CO₂/CH₄ separation", published in International Journal of Chem. Tech Research, ISSN:0974-4290, ISSN(Online): 2455-9555, Vol.9,No.8, 2016, pp211-221.Impact factor:SJIF-0.598
- 26. M. Husain, K.S.Wani, S. Sugandhi, Curriculum of Sanitary Engineering in Universities of India: Vis a Vis Requirements of Modern India, American Journal of Environmental Engineering, Vol. 6, Issue 6, 2016, pp. 184-187, DOI: 10.5923/j.ajee.20160606.04
- 27. Yogendra D. Thakare, Sunita M. Jadhav, **Kishor S. Wani**, Acid Orange 7 Dye Degradation Using Combined Acoustic Cavitation With Fenton and Photo Fenton Processes, International Journal of Engineering Science, ISSN:2331-3361, Vol.6, Issue 4,pp.3379-3386, Impact factor: 7.023.
- 28. A.R. Lokhande, V.S. Patil, K.S.Wani, Kinetic Study on Synthesis of

- Alkanolamides of Fatty Acids of Mangokernel Oil(MangiferaIndica Linn), International Journal of Engineering Development and Research, ISSN :2321,Volume 4, Issue 4,2016,pp. 444-450. Impact factor: 5.67.
- 29. R.M.Abhang, **K.S.Wani**, V.S.Patil, Optimization of ZIF-8 Filler Loading in Mixed Matrix Membrane for Gas Separation by Permeation Models, International Journal of Creative Research Thoughts, ISSN:2320-2882, VOL. 5, Issue No.12, Dec.2017,pp.273-281, Impact Factor: 5.97, http://doi.one/10.1727/IJCRT.17140.
- 30. Kulkarni A.D. , Wani K.S., Combined Effect of Pour Point Depressants And Magnetic Field On the Viscosity And Pour Point Of Crude Oil, International Journal of Creative Research Thought, ISSN: 2320-2882, VOL. 5, Issue No.12, Dec.2017 p.p. 260 -272, Impact Factor: 5.97, http://doi.one/10.1727/IJCRT.17155
- 31. Yogendra D. Thakare, **Kishor S. Wani**, Acoustic Cavitation Coupled With Advance Oxidation Process For Treatment of Dairy Industry Wastewater, International Journal of Creative Research Thought, ISSN: 2320-2882, VOL. 5, Issue No.12, Dec.2017, pp.353-366, Impact Factor: 5.97, http://doi.one/10.1727/IJCRT.17166.
- 32. N.Y. Ghare, **K.S.Wani**, V.S. Patil, Recovery of Acid From Spent Pickle Liquor of Electroplating Industry By Solvent Extraction, International Journal of Creative Research Thought, ISSN: 2320-2882, VOL. 6, Issue No.1, January- 2018,pp. 515-526, Impact Factor: 5.97, http://doi.one/10.1727/IJCRT.17140.
- 33. Yogendra D. Thakare, **Kishor S. Wani**, Reduction of COD of Textile Industry Waste Water By Using Acoustic Cavitation Coupled With Advanced Oxidation Processes, International Journal for Research in Applied Science and Engineering Technology, ISSN No. 2321-9653, Vol. 6, Issue 1, January 2018, pp 686-697, Impact Factor: 6.887.
- 34. M.Husain, **K.S. Wani**, Assessment of Noise Level and Abatement Solutions A Case Study for Jalgaon City, Aayushi International Interdisciplinary Research Journal, ISSN: 2349-6380,Issue 25, 2018, , Impact Factor:4.574.
- 35. Treatment of Industrial Waste Water by Fenton Process Yogendra D. Thakre, Kishor S. Wani SSBT's College of Engineering & Technology, Bambhori, Jalgaon, MS, India Page No.1122-1129 DOI:16.10089, IJMTE.2019.V9101.18.27524.
- 36. Economic Assessment of Magnetic Fluid Conditioning and Chemical Treatment for Wax Deposition Controlin Crude Oil A.D. Kulkarni, and K.S. Wani Maharashtra Institute of Technology, Pune, India, SSBT College of Engineering and Technology, Jalgaon, India Page No.1193-1202 DOI:16.10089.IJMTE.2019.V9101.18.27535.
- 37. Preparation of Tartaric Acid from Tamarind Leaves N.Y. Ghare, V.R. Diware, K.S. Wani-SSBT's College of Engineerign & Technology, Bambhori, Jalgaon Page No.1255-1262 DOI:16.10089.IJMTE.2019.V9101.18.27543.

B. National Publications:

i. National Journals:

1. N.Y.Ghare, **K.S.Wani** and V.S.Patil. "A Review on Methods of Recovery of Acid(S) from Spent Pickle Liquor of Steel Industry", published in Journal of Environ. Science and Engg. Vol.55, No.2, April 2013, pp 253-266.ISSN No. 0367-827X.

ii. National Seminar:

- 1. **K.S.Wani** "Microbial Pigments and its Applications". Published in National level Seminar on "Emerging Facets of Chemical Engineering & Biotechnology held on September 28-29, 2005 at Laxminarayan Institute of Technology, Nagpur.
- 2. Sharanappa A, **K.S.Wani** "Molecular Dynamics Simulation: An Aid to Predict Nanobehavior of Biological System". Published in National level Seminar on "Nanotechnology" held on March 08, 2008 at S.S.B.T's, COET, Bambhori. Jalgaon.

C. International Conference / Symposiums:

- 1. **Kishor S Wani**, Priti N Chaudhari, Bhushan L Chaudhari and Sudhir B Chincholkar. "Production of New Sulfonolipid and Some Important Enzymes by Alkaliphilic *Chryseobacterium sp.*" Published in International Conference on "New Horizons in Biotechnology and 4th BRSI Convention" held on November 26-29,2007, organized by The Biotech Research Society[BRSI] and National Institute for Interdisciplinary Science and Technology[NIIST], Trivandrum.
- Sharanappa A., K.S.Wani and Pallavi Patil. "Bioprocessing of Food Industrial Waste for Value Added Product by Solid State Fermentation". Published in International Conference on "Innovative Science and Engineering and Technology (ICISET-2011)" held on 8th& 9thApril, 2011, organized by V.V.P. Engineering College, Rajkot (Gujarat).
- 3. A.R.Lokhande, **K.S.Wani** and V.S.Patil. "Study of Lubricating Greases from Mahua Oil Fatty Acids using Waste Lubricating Oil". Published in "International Congress of Chemistry and Environment (ICCE-2011)" held on 27-29, May-2011 at Dickson, Malaysia.
- 4. R. M.Abhang, **K. S. Wani,** V.S.Patil and S.H.Sonawane. "Perspectives and Challenges of Hydrogen Storage by Metal-Organic Frameworks", published International Conference on "Advances in Energy Technology" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon held on March 29th,2013, page no.101-107, Proceedings.
- 5. Anand D. Kulkarni and Kishor S.Wani."Magnetic Field Conditioning: An Energy Efficient Method for Crude Oil Transportation", published in International Conference on "Advances in Energy Technology" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, held on March 29th, 2013, page no.89-92, Proceedings.
- 6. Lokhande A.R., Patil V.S. and **Wani K.S**. "Advance Technology in Renewable Energy", published in International Conference on "Advances in Energy Technology" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, held on March 29th,2013, page no.114-117, Proceedings.

- 7. Lokhande A.R., **Wani K.S**. and Patil V.S. "Design Criterion for Extended Aeration System", published in International Conference on "Advances in Energy Technology" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, held on March 29th,2013, page no.127-131, Proceedings.
- 8. Kulkarni A.D., Mhaske V.S., Nandi S. and **Wani K.S.**, 'Effect of Magnetic Field on the Viscosity of Individual Hydrocarbons" (Poster presentation) in "CHEMCON 2013", (66th Annual Session of Indian Institute of Chemical Engineers), Joint Indo-North American Symposium, held at Institute of Chemical Technology Campus, Matunga, Mumbai, organized by Indian Institute of Chemical Engineers, Mumbai Regional Centre, in Association with Institute of Chemical Technology, Mumbai on December 27-30, 2013.
- 9. V.P. Sangore, S.A. Thakur, V.R. Diware, **K.S. Wani**, "Sustainable Development And Challenges Ahead of Chemical Engineering Industries" Published in proceedings of International Conference on "Sustainable Development" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon held on February, 25-26th 2014, page no.18-21, Proceedings.
- 10. A.R. Lokhande, **K.S. Wani**, V.S. Patil, "Chemical Process Engineering for Sustainability" Published in proceedings of International Conference on "Sustainable Development" organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon held on February, 25-26th 2014, page no.400-404.

D. National Conferences:

- V.P.Sangore, S.A.Thakur, V.R.Diware and K.S.Wani. "Impact of Global Economic Recession on Indian Chemical Industries", Published in U.G.C. Sponsored National Level Conference on "Global Economic Recession: An Opportunity to India" held on 16th and 17th December, 2009, organized by B.G.E. Society's Smt. Laxmibai Radhakisan Toshniwal College of Commerce, Akola.
- 2. Sharanappa A., **K.S.Wani** and Pallavi Patil. "Biotechnology of Solid State Fermentation", Published in National Conference on "Biochemical Engineering: Present Scenario and Future Perspective" held on 12th and 13th March, 2010, organized by Department of Chemical Engineering, G.H.Patel College of Engineering and Technology, Vallabh Vidyanagar, Gujarat.
- 3. V.P.Sangore, S.A.Thakur, V.R.Diware and **K.S.Wani**. "Recovery of Bisphenol-A through Depolymerization of Commercial Compact Disc Waste by Alkaline Methanolysis", Published in National Conference on "Emerging Trends in Engineering, Technology and Management", held on 29th March 2010, organized by SSBT's C.O.E.T.,Bambhori, Jalgaon.
- 4. N.Y.Ghare, **K.S.Wani** and V.S.Patil. "Recovery of Hydrochloric Acid from Spent Pickle Liquor of Steel Industry", Published in National Conference on "Emerging Trends in Engineering, Technology and Management", held on 29th March 2010, organized by SSBT's C.O.E.T.,Bambhori, Jalgaon.
- A.R.Lokhande, K.S.Wani and V.S.Patil. "Study of Metallic Soaps from Non-Traditional Oil and their Applications as Lubricating Greases and Drier in Paints", Published in National Conference on "Emerging Trends in Engineering,

- Technology and Management", held on 29th March 2010, organized by SSBT's C.O.E.T.,Bambhori, Jalgaon.
- 6. A.R.Lokhande, K.S.Wani and V.S.Patil. "Study of Lubricating Grease from Mahua Oil Fatty Acids", Published in National Conference on "Recent Innovations in Oil and Food Technology (RIOFT-2010)", held on August 23, 2010, organized by Division of Oils, Fats and Waxes Technology and Division of Food Technology, Department of Chemical Technology, North Maharashtra University, Jalgaon-425001.
- 7. N.Y.Ghare, V.S.Patil and K.S.Wani. "Analysis and Recovery of Sulfuric Acid from Spent Liquor of Electroplating Industry", Published in National Conference on "Environmental Innovations for Resource Sustainability (EIRS-2011)", held on 12st & 22nd January 2011, organized by School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon.
- 8. L. Mahajan and **K.S.Wani**." Study of Adsorption Capacity of Fly Ash for Removal of Lignin", Published in National Conference on "Recent Advances in Chemical Engineering (RACE-2012)", held on 4th February, 2012, organized by University Department of Chemical Technology, North Maharashtra University, Jalgaon.
- 9. Kishor B. Deshmukh, V.P.Sangore and **K.S.Wani**. "UASBR Technology for Treating Waste Water", Published in National Level Conference on "Green and Clean Technology", held on 11th March 2012, organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon.

PARTICIPATION IN WORKSHOPS, WINTER / SUMMER SCHOOL ETC:

- 1. National Symposium on "Recent Trends in Biotechnology of Yeast and Fungi" held at School of Life Sciences, N.M.U., Jalgaon during 13-14th March 1997.
- 2. Workshop on syllabus framing for S.E. to B.E. NMU Jalgaon conducted at COET, Bambhori, Jalgaon on 06/09/1998.
- 3. Seminar on "Quality Engineering Education" organised by SSBT's COET, Jalgaon, N.M.U., Jalgaon and Engineering Education Foundation, Pune on Dec. 26th Dec. 1998.
- 4. QIP short term course on "Recent Developments in Fermentation and Enzyme Technology", conducted at IIT, Bombay during May 8-12, 2000.
- 5. Workshop on "Paper Setting & Evaluation" conducted at J. T. Mahajan College of Engineering, Faizpur on Sept.22, 2002.
- 6. "Workshop: Insight into Accreditation" conducted at Goa on April 16–17, 2003.
- 7. Five day SERC School on "Recent Advances in Design and Analysis of Biotechnological Processes" conducted at IIT Bombay during May 13-17, 2003.
- 8. "Orientation Programme for Engineering College Teachers" jointly Organized by SSBT's COET, Jalgaon and Engineering Education Foundation, Pune at COET Bambhori on July 11-13,2003
- 9. Workshop on "Matlab & Simulink" conducted by India Soft & Cranes in July 2003 at SSBT's COET, Bambhori, Jalgaon.
- 10. Workshop on "Intellectual Property Rights with special reference to Patents". Sponsored by TIFAC, DST (Govt. of India) and S&T Cell (Govt. of Maharashtra)

- held on Jan 9, 2004 at N.M.U. Jalgaon.
- 11. National symposium on "Developments in Biotechnology: Emerging Trends and Challenges". First BRSI Convention held on November 25-27, 2004 at N.M.U. Jalgaon.
- 12. National seminar on "Low Cost Automation" held on April 21, 2007 at SSBT's College of Engineering and Technology, Bambhori, Jalgaon.
- 13. National seminar on "NANOTECHNOLOGY" held on March, 8, 2008 at SSBT's College of Engineering and Technology, Bambhori, Jalgaon.
- 14. International workshop on "Digital Governance and Hotspot Geoinformatics" directed by Dr.G.P.Patil, Penn State University, U.S.A. and organized by K.C.E.Society's JalaSRI-Watershed Surveillance and Research Institute, Moolji Jaitha College, Jalgaon, during 5 7 June, 2009.
- 15. Three days teachers' training workshop "SHRAM SADHANA", held on 9th, 10th and 11th July, 2009, jointly organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon and Deepstambh Foundation, Jalgaon.
- 16. In-plant Training Programme on "Disaster Management" held at the SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on 23rd January 2010, organized by "National Safety Council, Mumbai chapter.
- 17. National Level Workshop on "Research Methodology", held at the SSBT's College of Engineering and Technology, Bambhori, Jalgaon from 17th to 19th October 2011, jointly organized by Department of Mechanical Engineering and Department of Business Administration.
- 18. National conference on "Recent Advances in Chemical Engineering", held at University Department of Chemical Technology, North Maharashtra University, Jalgaon on 4th Feb.2012 organized by U.D.C.T., N.M.U., Jalgaon.
- 19. International Conference on "Global Trends in Engineering, Technology and Management", held at SSBT's COET, Bambhori, Jalgaon. On 9th to 11th January 29, 2015.
- 20. Training on, "Industrial Automation" held on 12.3.2015 to 13.3.2015, conducted by Technocrat's Academy of Automation and Control Technology (TAACT), Nashik.
- 21. International Conference on "Global Trends in Engineering, Technology and Management", held at SSBT's COET, Bambhori, Jalgaon. on 4th to 6th January 2016.

PROFESSIONAL MEMBERSHIP:

- 1. Life Member of ISTE
- 2. Life Member of AFST
- 3. Life Member of BRSI
- 4. Life Member of IIChE, India

VIII.FEE

A) Details of fee, as approved by Shikshan Shulka Samiti, for the instauration.

2019-20

Sr. No.	Branch	Tuition fee				
	UG Courses					
1	Chemical Engineering	RS.65837				
2	Civil Engineering	RS.65837				
3	Computer Engineering	RS.65837				
4	Mechanical Engineering	RS.65837				
5	Electrical Engineering	RS.65837				
6	Electronics and Tele-comm. Engineering	RS.65837				
7	Information Technology Engineering	RS.65837				
8	Bio-Technology	RS.65837				
	PG Courses					
1	ME E ()	Rs.35587				
2	M E Computer Science & Engineering	Rs.35587				
3	M.B.A.	Rs.41370				

B) Time schedule for payment of fee the entire programme.

As per Admission rule Government of Maharashtra all fees for the entire programme. Should be remitted at the time of admission.

C) No. of Fee Waivers granted with amount and name of students.

NΑ

D) Number of scholarship offered by the institute, duration and amount

NA

E) Criteria for fee waivers/scholarship.

NΑ

F) Estimated cost of Boarding and Lodging / Hostels.

Rs.27000/- For lodging and boarding both yearly.

Ix. Admission

A) Number of seats sanctioned with the year of approval.

Sr.	Branch			Year		
		2015-16	2016-17	2017-18	2018-19	2019-20
1	Chemical Engineering	30	30	30	30	30
2	Civil Engineering	120	120	120	120	120
3	Computer Engineering	120	120	120	120	120
4	Mechanical Engineering	120	120	120	120	120
5	Electrical Engg.	60	60	60	60	60
6	Electronics and Tele-comm. Engg.	120	120	60	60	60
7	Information Technology	60	60	60	60	60
8	Bio-Technology	30	30	30	30	30
	Total	660	660	600	600	600
	PG Courses					
01	ME Civil Engg. (Environmental)	18	18	18	-	-
02	ME Mechanical Engg. (Machine	18	18	18		
	Design)				-	-
03	ME E&TC (Digital Electronics)	18	18	18	-	-
04	ME Computer Sci. & Engg.	18	18	18	18	18
05	ME Electrical (Electrical Power	18	18	18	18	18
	System)					
	Total	90	90	90	36	36
06	M.B.A.	60	60	60	60	60
	Total	60	60	60	60	60

Number of students admitted under various categories each year in the last four years. $\,$

		UG								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2016-17	103	34	13	12	13	08	15	295	23	516
2017-18	127	36	20	13	12	08	21	313	15	565
2018-19	100	38	05	11	11	03	13	271	14	466
2019-20	67	16	04	00	17	09	15	241	15	384

		PG								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2016-17	10	01	01	00	00	01	00	08	01	22
2017-18	12	00	00	00	00	00	00	04	01	17
2018-19	06	01	01	00	00	00	01	02	00	11
2019-20	00	01	01	00	00	00	00	01	00	03

		MBA								
Year	Open	SC	ST	NT1	NT2	NT3	VJ	OBC	SBC	Total
2017-18	22	03	02	01	00	01	03	25	03	60
2018-19	23	02	00	03	01	01	01	26	03	60

C) Number of applications received during last two years for admission under Management Quota and number admitted.

Sr.	Year	Application received	Admitted Number
1	2018-19	65	62
2	2019-20	58	41

X. Admission Procedure (UG COURSES)

A) Mention the admission test being followed, name and address of the Test Agency and its URL (website).

Sr.	Admission Test	Name and Address of Test	URL (Website)
		Agency	
1	MHT-CET	Director of Technical Education,	www.dte.org.in
		Maharashtra State	
		3, Mahapalika Marg, Mumbai -1	
2	JEE	CBSE, New Delhi	

Number of seats allotted to different Test Qualified candidates separately [JEE/CET (State conducted test/University tests)/Association conducted test]

2019-2020

Sr.	MH-CET/JEE	AI(CET/JEE)	Management
	State Conducted test		Quota(CET / JEE)
1	65% (390 Seats)	15% (90 Seats)	20% (120 Seats)

C) Calendar for admission against management/vacant seats 2019-20

Sr. No.	Particular	Institute level Seats
1.	Sale of Information Broacher	30/07/2019
2.	Last date for submission of application.	31/07/2019
3.	Admission counseling & conformation of admission	02/08/2019

RULES & REGULATIONS FOR M.E. COURSE

The postgraduate degree in Engineering consisting of 2 years (4 semesters) shall be designated as Master of Engineering in prescribed branches

A candidate may be permitted to register him/er self for the M.E. degree under the faculty of Engineering & Technology of North Maharashtra University, Jalgaon only if the candidate holds a Bachelor's Degree in Engineering/Technology of North Maharashtra University, Jalgaon or its equivalent by AICTE, and North Maharashtra University, Jalgaon.

Preference will be given to graduates of North Maharashtra University, Jalgaon.

The students shall be admitted to second term of first year if his/her first term is granted.

The students shall be admitted to second year if his/her second term of first year is granted. However he/she will not be allowed to submit his/her thesis/ dissertation unless he/she has cleared all the Theory papers and has completed all the presentations of first term of second year.

Every students will be required to produce a record of laboratory work in the form of journal, duly certified for satisfactory completion of the Term Work by the concerned teacher and head of the department.

A student whose term is not granted on account of unsatisfactory attendance/ term work is required to repeat the semester.

The policy of refund of the fee, in case of withdrawal, should be clearly notified.

The candidate who has been provisionally admitted may cancel admission by submitting as application in duplicate, in the prescribed pro forma – O and may request for refund of fees. The refund of fees as applicable shall be made in due course. It is made clear that such application for cancellation will be considered if and only if the admission is confirmed by paying the prescribed tuition fee and other fees in full and by submitting the original documents. Refund shall be made after deduction of the cancellation charges as shown below:

In the event of student/candidate withdrawing before the starting of the course, the waitlisted candidates should be given admissions against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme.

Should a student leave after joining the course and if the seat consequently falling vacant has been filled by another candidate by the last date of admission, the Institution must return the fee collected with proportionate deductions of monthly fee and proportionate hostel rent, where applicable.

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

Each criteria with its respective weightages i.e. Gate examination marks & qualifying examination marks etc.

- 2 Eligibility Criteria:
- 2.1 Eligibility criteria for Maharashtra State Candidate and Outside Maharashtra State Candidate:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects

Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

Obtained a positive Composite score* i.e., marks obtained after adding 50% of JEE (Main)2014 (Paper 1) marks and 50% of normalized Standard XII (Board or Equivalent Examination) marks in Physics, Chemistry and Mathematics.

Note: -1) * - The details for calculating positive Composite score shall be notified separately. 2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

2.2 Eligibility Criteria for All India Candidates:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note: 1) Maharashtra Candidates eligible as per rule 2.1 and 2.2 shall submit single Application and Option form for the CAP for both Maharashtra State Seats and All India Seats. Such candidates will be given best single allotment through CAP

2) Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable

2.3 Eligibility Criteria for Foreign National/PIO/Children of Indian workers in the Gulf countries/Children of NRI

Candidate should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject

AND

Secured minimum 50 % marks in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

Note:

- The eligibility of the candidates passing the HSC (Std. XII) or equivalent examination from a school/college/Examination Board situated outside India shall be further decided by the University Authorities to which the candidate is admitted. Hence such candidates are advised to get their eligibility verified by the respective University Authorities before seeking admission to the Engineering courses in the State of Maharashtra.
- The candidate belonging to this type is not required to appear for the JEE Main 2014(Paper 1)
- Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable.

2.4 Eligibility criteria for Gol Nominees:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/Technical Vocational subject

AND

Secured minimum 50 % marks (minimum 45 % marks, in case of Backward class categories and Persons with Disability candidates of respective States) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note:

Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable. The candidate belonging to this type is required to appear for the JEE (Main) 2014 (Paper 1).

2.5 Eligibility criteria for J & K Migrant candidates:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology/Biology/Technical Vocational subject

AND

Secured minimum 50 % marks in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subject added together.

AND

Obtained All India Rank in JEE (Main) 2014 (Paper 1) given by CBSE

Note: -

Refer Rule No 2.11 regarding Rounding off of percentage of marks for deciding the eligibility, if applicable. The candidate belonging to this type is required to appear for the JEE (Main) 2014 (Paper 1).

2.6 Eligibility criteria for MKB candidates:

In addition to the basic eligibility criterion mentioned in rule no. 2.1, candidates belonging to the Maharashtra Karnataka Disputed Border Area are required to fulfill following additional eligibility criterions.

- Candidates should be from such villages/towns, from the Maharashtra Karnataka disputed border areas, on which Maharashtra puts its claim.
- The candidate should produce the certificate that his/her father/mother/candidate himself/herself is a domicile of Karnataka in the disputed border area as specified in the Proforma G1/G2 OR The candidate should produce the domicile certificate of his/her father/mother/candidate himself/herself stating that he/she is a resident of a village.
- The candidate should have passed SSC (or equivalent) and/or HSC (or equivalent) from an
 Institution situate in the disputed border area. The candidate must produce a certificate from
 the Principal/Head Master of the College/School stating that the candidate has passed
 SSC/HSC (or equivalent) Examination from that Institution.
- Mother tongue of the candidate must be Marathi. The candidate must produce a certificate from the Principal/Head Master of the School from which he/she has passed the SSC (or

equivalent) Examination, stating that the candidate's Mother tongue is Marathi as per the original School record.

- Candidate should have passed SSC or HSC (or equivalent) Examination with Marathi as one of the subject.
- Composite Score of MKB Candidates shall be calculated in the manner similar as applied to Maharashtra state board students considering he /she has passed HSC from Maharashtra board.
- Composite Score of MKB Candidates shall be calculated by mapping his or her HSC performance with Maharashtra state board.

2.7 Eligibility criteria for Candidates who are sons/daughters of Defence Service personnel:

In addition to the basic eligibility criterion mentioned in rule no.2.1, candidates who satisfying any one of the following criteria as are eligible to seek admission against seats for sons/daughters of defence service personnel.

- Candidate is a son/daughter of ex-service personnel who is domiciled in Maharashtra State (Def-1).
- Candidate is a son/daughter of active service personnel who is domiciled in Maharashtra State (Def-2).
- Candidate is a son/daughter of active service personnel (Def -3)
 - > Who is transferred to Maharashtra State but is not domiciled in Maharashtra State
 - Who is not domiciled in Maharashtra State but his/her family is stationed in Maharashtra State under the provision of retention of family accommodation at the last duty station on the grounds of children's' education, provided further that, such candidate should have appeared and passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination from a school/college situated in the State of Maharashtra.

Note: This provision is NOT available to the children of CIVILIAN STAFF who is working/ who has worked with the Indian Defence Services.

2.8 Eligibility criteria for Candidates who are Persons with Disability:

In addition to the basic qualification mentioned in rule no. 2.1, candidate who is suffering from any one of the following permanent disability is eligible to seek admission against seats for Persons with Disability candidates

- · Candidate who is visually impaired (blind) candidate (type P1)
- Candidate who is speech & hearing impaired (deaf & dumb) candidate (type P2)
- Candidate who is with orthopedic disorders, learning disabilities, Dyslexia, Dyscalculia, Dysgraphica, Spastic (type P3)

Note: The certificate (Proforma F/F-1) should clearly state that the extent of disability is more than 40% and the disability is permanent in nature.

2.9 Other eligibility criteria for specialized branches of Engineering/Technology:

Candidates seeking admission to some special courses or under some special provisions have to fulfill the following additional eligibility criteria.

· Admission to Mining Engineering course:

Female candidates are not eligible for admission to Mining Engineering course.

2.10 Eligibility criteria of Candidates who have passed Diploma in Engineering/Technology and seeking admission to First Year of Engineering/Technology in Unaided Institutes:

Diploma holders should have passed the Diploma course in Engineering/Technology with minimum of 50% marks (45% marks in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) and medium of instruction as English from the AlCTE approved Diploma Institutes affiliated to State Boards of technical Education.

Note:

- To resolve a tie i.e. more than one candidate securing equal aggregate marks in Final year of the Diploma examination, following order of preference shall be adopted: marks in Maths at SSC, Grand Total at SSC.
- Eligible Diploma candidates (rule 2.10) shall be considered for Admission against the Institute level seats in Unaided Private Institutes only. The details of the admission process for filling seats are specified in Annexure-II.
- 2.11 Rounding off of percentage of marks for deciding eligibility for admission.

In case percentage, marks (converted out of 100) in the subjects Physics, Mathematics and Chemistry/Biotechnology/Biology/ Technical Vocational subjects added together at HSC (std.XII), comes in fraction then percentage of marks shall be rounded off as explained in the example for the purpose of deciding the eligibility of the candidate.

Example: - If the percentage of marks comes out to be 44.50% to 44.99% then it shall be rounded to 45% and if the percentage of marks comes out to be 44.01% to 44.49% shall be rounded to 44%.

General Notes:

1. In case the maximum marks in individual subject is other than 100, convert the marks out of 100 for individual subject but do not round off these marks. If the sum of the converted marks of three individual subjects without rounding off works out to be a figure with fraction then fraction up to two decimal places shall only be considered and the percentage of marks shall be calculated considering maximum marks as 300 and, If the percentage comes in fraction, rounding off shall be done as given in rule No. 2.11 to decide the eligibility.

Example: If a candidate obtains 85 marks out of 200 in Physics, 76 marks out of 150 in Chemistry and 40 Marks out of 100 in Mathematics, then the sum of marks obtained works out to be 201 out of 450 marks. If it is converted out of 300, it works out to be 134. The % of marks comes out 44.6666 %.

However if the marks in individual subjects are converted out of 100, then the marks are as 42.5 in Physics, 50.6666 in Chemistry and 40 in Mathematics. It means the sum of converted marks of individual subject is 133.1666, which is 133.16 up to two fractions. The % of marks comes out 44.38 % after rounding off it is 44%. Hence the candidate is not eligible for admission.

2. If letter grades are assigned instead of marks at SSC, HSC or its equivalent examination the candidate must obtain the certificate of conversion of letter of grades into marks from the competent authority where from the candidate has passed the examination. The candidate should produce such certificate at the time of submission of application form. The Eligibility shall be decided based on the equivalent marks submitted by such candidates.

Institute Level Seat and Vacant Seat.

Candidate passing the HSC (Std. XII) or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and should have secured minimum 50% marks in General Category and reserve Category 45% marks in Physics, Chemistry and Mathematics added together.

Candidates passing Diploma in Engg. / Technology course from Maharashtra State:

Diploma holders who have passed the diploma course in Engineering/Technology with minimum of 50% marks and reserve Category 45% marks from the Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics in Maharashtra State.

B) Minimum level of acceptance, if any.

Eligibility criteria for Maharashtra State Candidate and Outside Maharashtra State Candidate-

Candidate should be an Indian National and should have passed the HSC (Std. XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Technical Vocational subject

And

Secured minimum 50% marks (minimum 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects



Application Form for

(FE / Direct SE / First Year ME/ MBA) Shram Sadhana Bombay Trust's College of Engineering & Technology, P.B.No.94, BAMBHORI, JALGAON 425 001 (Maharashtra State)

Affix Recent Passport size Photograph here

Website- www.sscoetjalgaon.ac.in Email: sscoetjal@gmail.com

c) Physically Handicapped:- () Yes

Phone No. (0257) 2258393 Fax No. (0257) 2258392

Note:- (a) To be filled in and signed by the candidate.

Application submitted without required certificates shall not be considered. Score out which is not applicable

1) Details of student

Particular	Surname	First Name	Middle Name
Name of Student			
Father Name			
Mother Name			
Date of birth:-			
Address for correspon	ndence :		
Address for perman	ent:		
Pin Code	State		
Telephone No		Mobile No.:-	
Email Address:		Admitted in College	Hostel:-Yes/No
	-	ve passed SSC (Std. X) : ave passed HSC (Std. XI	
SEX :- (Male/Female)		
Occupation of the Ear	rning member(s) o	of the family :	
Annual income of the	family:-		
Indicate the category	to which you belo	ng (Tick appropriate box)
	n () SC Γ3 () OBC	() ST () VJNT () SBC	() NT1 () NT2
b) Minority :- () Y	es () No	Religion:-	Caste:

() No

1)			2)				3)		
4)			5)				6)		
7)			8)						
A) F	or F.E. &	& Direct S.F	E. students						
PCM	I Total ou	ıt of 300		EX	AM.		MERI'	T NO.	SCORE
Cate	gory			MH	-CET				
Bran	ch Allott	ed		Uni	versity	Merit No.			
Fina	Year Di	ploma		AIE	EE				
Marl	ks Obtain	ed /Out of							
Perc	entage HS	SC		Stat	e Meri	it No.			
Perc	entage Di	ploma		Mai	n Grou	ıp Merit			
S.S.C	Z.	Year of passing	Institution	n 		of Board/ University		M.S.	or O.M.S.
								+	
H.S. Dipl								+	
-	year								
C) S	.S.C. Ma	rks							
Sr.	Subjects	S	Marks	Marks		Total perce	ntage]	Remark
No.			out of	Obtain	ed			1	esult
1	Mathem	natics							
D) H	I.S.C. Ma	arks							
Sr.	Subjects	S	Marks	Marks		Total PCM	&]	Remark
No.			out of	Obtain	ed	percentage		1	esult
1	Physics								
	Chemist	<u>-</u>							
	Mathem								
3		,							
2 3 4 5	Biology English					4			

P.G. Programme: I hereby apply for admission to First year P.G. Programme in Engineering & Technology/ Management for M.E. Civil (Environmental Engg.)/ Mechanical (Machine Design) / E.& TC. (Digital Electronics) / Computer Science & Engineering/ M.B.A.

Academic Programme

- 1) First Year M.E. Course
- i) Detail Qualification

Course &	College	Month	No. of	University/Boards	Total	Max.	Percen-
Examination	Attended	& Year	attempts	,	Marks	Marks	tage
		of	•		Obtained	(Out	Ü
		Passing				of)	
1	2	3	4	5	6	7	8
1 st Year							
Engineering							
2 nd Year							
Engineering							
3 rd Year							
Engineering							
4 th Year							
Engineering							

ii) GATE Score:			Valid up to
iii) Sponsored:	() Yes	() No	

- 2) First Year M.B.A.
- i) Details of qualification:-

Examination	Name of	Year	Subject	Marks	Percentage/	Remark
Passed	Board/		Specialization		Score	
	University					
S.S.C.						
H.S.C.						
Graduation						
Post graduation						
Any other						
exam.						

For M.B.A. Course		
EXAM.	MERIT NO.	SCORE
MH-CET		
University Merit No.		
Any other Entrance		
Test		

09) Work experience (attach extra sheet, if space is not enough)

Name of the Organization/Industry	Period	Nature of Work

If employed, give details	
Name of Organization:	
Date of appointment:	
Regular/ Temporary :	
11) Sponsorship certificate attached?	Yes/No
· • •	have to produce a certificate from the t attached with the form, without which ered)
12) List of Certificates attached with app	lication form:- Tick only available documents
4) HSC (12 th) / Diploma Marksheet 7) Indian Nationality Certificate 9) First Attempt Certificate	 (10) Gap Affidavit (If applicable) (12) Validity Certificate (If applicable) except SC/ST students only (15) Degree Certificate (17) Sponsor Certificate
Please do not attach any original or ph	noto copy of certificate not asked for.
However you shall have to submit all	original certificates at the time of admission.

: Yes/No

10). Presently Employed or Unemployed?

Declaration by the Candidates (Undertaking)

Ι_	declare that:
	I have read all the Rules of Admission for the current year, after understanding these rules I have filled up this application form for the current year.
	The information given by me in my application is true to the best of my knowledge and belief.
	I have not been debarred from appearing at any examination held by any Govt. body constituted or statutory examination authority in India. I fully understand that the offer of a course or branch of Engineering. Technology/ Management will be made to me depending on my merit inter-se and availability of seat at the time of scrutiny of my application when I will report to the Admission Authority according to the schedule of the admission. I understand that no other document other than those attached to the application form will be entertained for the purpose of claims/ concession etc in connection with my admission. I hereby agree to confirm to all rules and laws enforced by the Govt. including ragging Act 1999 of Maharashtra, the College Management and North Maharashtra University, Jalgaon. I hereby undertake that as long as I am a student of the college, I will do nothing either inside or outside the College which may result in disciplinary action against me under the act and laws refet to under rules Nos. 13-0. I will abide by all the rules of the Hostel, if I am given admission in to the Hostel. I fully understand that the Principal of the college will have the right to expel rusticate me from the college for any infringement of the rules of conduct and discipline prescribed by the College/University and the undertaking given above. The total numbers of certificates attached with the application form are:
Place: Date:	Signature of the Candidate
	Declaration by the Parents/Guardians (Undertaking)
I	declare that the
_	s furnished by my son/daughter/ward in this application form are correct to the knowledge and belief.
charges et time to time son/daugh	undertake & bind myself to pay on behalf my son/daughter/ward, such fees to. which the College/Government of Maharashtra/University may levy from me by due date & in the event of failure on my part and/or on the part of my ter/ward the Principal of the College may take such action against my ter/ward as he may deem fit.
I v or Minor o	vill sign the requisite agreement bond as prescribed by the Government (In case only).

Place:

Date:

Signature of the Parent/Guardian

AGREEMENT

I Shri/Shrimati/Kumari	
do hereby affirm that I have taken College of Engineering & Technolog will abide by all Rules & Regulation College, University and Government so I will be liable for any punishment I shall not ask for transfer from the	gy, Jalgaon on my own and I solemnly declare that I on laid down by the Management of the aforesaid of Maharashtra, from time to time and if I fail to do t including expulsion from the College. aforesaid College, to any other College, under any of for full payment of fees and all dues for the entire
Signature of the Father/Guardian	Signature of the Student
Place: Date	
MEDICA	AL CERTIFICATE
I certify that I have carefully e	examined Shri/Kum
any minor defects in the same can be fairly robust, his/her constitution is so	ereby certify that him/her eye sight is good and that corrected by means of suitable glasses that he/she is bund/is not likely to make him/her unfit for manual oor service as an Engineer, (Score out whichever is
Date:	Signature
Address:	Name:
	Qualification
	Registration No.:

UNDERTAKING-1

l,	taking admission in
First Year/ Second Year	in the year 20 - 20 give an undertaking that as
per the letter No.NMU/7/A/4718/2008	3, dated 27/09/2008, North Maharashtra University,
Jalgaon I am not engaged in any jo	b full time/part time. Similarly I have not taken
admission in any other college within	this University or any other University.
Date:-	Signature of candidate
	PRINCIPAL
UNI	DERTAKING-2
University, Jalgaon vide letter No.NMU/2 to maintain my attendance in the classes as	interested to take admission in in the year 20 - 20. As per North Maharashtra /106/2002, dated 26/06/2002, I undertake that if I fail s per the rule means 80% out of total 180 working days lege/University examinations. It is in my knowledge ainst the same.
Date:-	Signature of Candidate
	Signature of Parents
	PRINCIPAL

Fees Search for Institute

H&T	B.E.	Jalgaon	2019-20
Select Institute Type	Select Sub Type	Select District	Select Year

OR

Engineering & Technology, Jalgaon-ENGG	Search Institute Name	EN5104-Shramsadhana Bombay Trust, College of
		ion-EN

Sr.	Sr. Year	Inst ID	Inst Name	Stream	Status	Date of	Tuition	Development	Total	Remark
No.						Meeting	Fee		Fee	
1	2019-20	2019-20 EN5104	SHRAMSADHANA BOMBAY TRUST, COLLEGE OF ENGINEERING &	ENGG	Approved	Approved 04-01-2019	65837	8163	74000	
			TECHNOLOGY, JALGAON							
2	2019-20 EN5104	EN5104	SHRAMSADHANA BOMBAY TRUST, COLLEGE OF ENGINEERING &	MBA	Approved	Approved 04-01-2019	41370	5130	46500	
			TECHNOLOGY, JALGAON							
m	2019-20	2019-20 EN5104	SHRAMSADHANA BOMBAY TRUST, COLLEGE OF ENGINEERING &	ME	Approved	Approved 04-01-2019	35587	4413	40000	
			TECHNOLOGY, JALGAON							

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE LIBRARY

Number of Library books /Titles/ Journals available (Programme-wise 2019-20)

Sr.No.	Department	No of Titles of the books	No. of Volumes	National Journals	International Journals
1	Civil	1932	9408	12	02
2	Chemical	1119	4301	06	02
3	Computer	2057	10904	12	02
4	I.T.	860	4363	06	02
5	E&TC	1478	8340	06	02
6	Electrical	1002	4797	06	02
7	Mechanical	1624	9823	12	02
8	M.B.A.	1015	2835	06	06
9	App.sci	816	5128	06	02
10	Bio-Tech	686	1850	06	02
11	ME Computer	172	943	06	01
12	ME Electrical	109	406	06	01
13	General	762	1074		
	Total	13632	64172	90	26

A) E-Library facilities –Our College Library is Subscribed E-Journalsi.e. 1) J-Gate (Engineering & Technology) 2) J-Gate (Management Science) for the year 2019-20.

NAME OF THE DEPARTMENT :- <u>APPLIED SCIENCE</u>

S.No.	Name of the Laboratory	Total area	Major Equipment
	/Workshop Details	of Lab./w.s.	above 50,000/-
		in m ²	
01	Physics Laboratory	153	Nil
02	Chemistry Laboratory	135	Nil
03	Language Laboratory	135	Nil
04	Environmental / Maths Laboratory	108	Nil

Item No.26

A) Facilities for conducting Practical in the Laboratories

Name of Course: -Chemistry Lab Class: - <u>F E</u> Subject: <u>Chemistry</u> Name of the Department / Section: - Applied Science Dept./ Chemistry Section. Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical (**Note: Minimum 10 Experiments from the following**)

Subject: Chemistry

Sr.	Experiment Title	Name of Equipment,	Qua	intity	Whether
No		Machinery	Required	Available	expt. can
		Instrument etc.	1		be
		Required to Conduct			Conducted
		Experiment			
1	To measure total	a. Burette (25ml)	10	24	
	hardness of given	b. Pipette	10	24	
	water sample.	c. Measuring cylinder	10	12	
		d. Titration Flask			Yes
		(250ml)	10	30	
		e. Burette stand	10	15	
		f. Beakers (500 ml)	10	12	
2	Determination of	a. Burette (25 ml)	10	24	
	chloride content in the	b. Pipette	10	24	Yes
	given sample of water	d. Titration Flask.			
	by Mohr's method	(250 ml)	10	30	
		d. Beakers(250 ml)	10	12	
		e. Burette stand	10	15	
3	Preparation of	Glass rod,	10	20	
	phenol formaldehyde	Beaker(500 ml)	10	12	Yes
	resin	glass funnel	10	12	

4	Preparation of polystyrene by Bulk polymerization	Round bottom flask, Condenser, Over head motor Thermostat	03 03 03 01	00 00 01 00	NO
5	Determination of acid value of vegetable oils	a. Burette (10ml)	10	12	Yes
		b. Pipette c. Measuring cylinder d. Titration Flask e. Burette stand f .Digital balance	10 10 10 10 02	24 12 36 24 02	
6	Determination of Saponification Value of an Oil.	Water Condenser, Water bath. Round bottom flask	03 03 01	00 00 00	No
7	Determine of partition coefficient of iodine bet n. water and carbon tetrachloride.	 a. Burette (25 ml) b. Pipette c. Measuring cylinder d. Titration Flask e. Burette stand f. Beakers g. Stoppered Bottles h. Separating flasks 	10 10 10 10 10 10 10 10 03	24 24 12 36 24 24 24 24 03	Yes
8	To determine the coefficient of viscosity of a given liquid using Ostwald viscometer.	a. Ostwald viscometer.b. Burette (25ml)c. Beakersd. Burette stand	10 10 10 10	15 24 24 24	Yes

Sr.	Experiment Title	Name of Equipment,	Quant	ity	Whether
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	expt. can be conducted
9	To determine the	a. stalagmometer.	10	00	No
	Surface tension	b. Burette (25ml)	10	24	
	of a given liquid Using	c. Beakers	10	24	
	stalagmometer	d. Burette stand	10	24	
	Find out the R _f value of the given amino acids by thin layer chromatography (TLC)	Gas jar	05	00	
10	(ILC)	Glass Plate	05 05	05	No
10	To determine the	Glass I late	03	03	NO
	adsorption	Stoppered bottle	06	00	
	isotherm of acetic		10	24	
		Pipette measuring	10	24	
11	charcoal		05	05	No
12	To study the different crystal	Models of simple,body and face centered	05	01	Yes
12	Determination of cell and dissociation constant of acetic acid by conductometric	cubic crystals Conductometer Pipette	03 03 03	01	1 65
13	method.	Beaker	03	03	Yes

Item No.26

A) Facilities for conducting Practical in the Laboratories

Name of Course: - <u>Engineering</u> Class: - <u>FE Common</u> Subject: - <u>Physics</u> Name of the Department / Section: -Applied Science Dept./ <u>Physics Section</u>.

Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical (Note: Minimum Ten Experiments from the following)

Subject: Physics

Sr.	Experiment	Name of Equipment,	Qua	ntity	Whether
No	Title	Machinery Instrument etc. Required to Conduct Experiment	Required	Available	expt. can be conducted
1	Semiconductor Diode characteristics	Diode characteristics kit	02	07	Yes
2	Forbidden gap in semiconductor	Forbidden gap kit	02	03	Yes
3	Four Probe Method	Four Probe Kit	02	05	Yes
4	Wavelength of He-Ne laser	He-Ne laser Diffraction grating	02	03	Yes
5	Fibre Optics Communication	Fibre Optics trainer kit	02	03	Yes
6	Hall Effect	Gauss meter, Electromagnets	02	05	Yes
7	Characteristics Of Solar Cell & Calculation Of Fill Factor	Solar Cell kit	02	7	Yes
8	Wavelength by Diffraction grating	Diffraction grating Spectrometer	02	4	Yes
9	Determination Of Wavelength Of Sodium Light By Michelson	Michelson Interferometer Sodium Lamp	02 02	2	Yes
10	Interferometer	Codium governo	02	02	Vac
10	Brewster Law	Sodium source, Spectrometer	02	02	Yes
11	Law of Malus	Polarizer, Light source	02	02	Yes
12	Crystal Structure	Crystal Structure	02	05	Yes

13	Use Of Sound Level Meter	Sound Level Meter	02	3	Yes
14	Ultrasonic Interferrometer	Frequency Generator Measuring cell	02	2 2	No
	Use Of				
15	Ultrasonic Detector	Frequency Generator	02	3	Yes
	Determination Of Specific Charge Of An	C.R.T. Power supply	02	5	
16	Electron By Thomson Method	Magnetometer Stop Watch	02	5 5 5	Yes
17	B-H Curve	B-H Curve kit	02	05	Yes
18	Magnetic susceptibility measurement	Magnetic power supply Strong magnets	02	03	Yes
19	Uses of CRO	CRO Function generator	02	02	Yes
20	Synthesis and Characterization of Nano Composites.	TEM, XRD	01	01	Yes
		LC circuit and LCR			
21		circuit;	NIL	NIL	No
22	Resonance phenomena in LCR circuits;	Resonance phenomena in LCR circuits;	NIL	NIL	No
	Magnetic field from	· · · · · · · · · · · · · · · · · · ·	NIL	NIL	No
24	Measurement of Lorentz force in a vacuum tube.	Measurement of Lorentz force in a vacuum tube	NIL	NIL	No

25	Resonance phenomena	Resonance phenomena	NIL	NIL	
	in mechanical oscillators.	in mechanical oscillators.			No
26	Frank-Hertz experiment;	Frank-Hertz experiment;	NIL	NIL	No
27		Photoelectric effect experiment;	NIL	NIL	No
28	Synthesis of Graphene by Hummer's method	Synthesis of Graphene by Hummer's method	Yes	Yes	Yes
29	Characterization of Graphene by Hummer's method	Characterization of Graphene by Hummer's method	Yes	Yes	Yes
30	nanostructures such as nanoparticles, nanofibers, nanorods by Chemical Method; Physical Method	Chemical Method;	Yes	Yes	Yes
31	nanostuructures such as nanoparticles, nanofibers, nanorods by Chemical Method; Physical Method	Chemical Method;	Yes	Yes	Yes
32	Use of Nanostructure for solar cell fabrication.	Use of Nanostructure for solar cell fabrication.	Yes	Yes	Yes
33		Conducting polymers for nanotechnology applications	Yes	Yes	Yes

Item No.26

A) Facilities for conducting Practical in the Laboratories

Name of Course: - Engineering Class: - FE Common Subject: - Soft Skills

Name of the Department / Section: -Applied Science Dept./ English Section.

Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical

Subject: SS -I

Sr.	Eveneriment	Name of	Qua	ntit	Whether
	Experiment	Equipment,	У		
No	Title	Machinery Instrument etc.	Required	Available	expt. can be Conducted
		Required to			Conducted
		Conduct			
		Experiment			
	Listening	~	40	40	
1	Comprehension	Computers Software	48	48	Yes
		Headphones	1 48	1 48	
		Heauphones	40	40	
	Pronunciation,				
	Intonation, Stress	G.	40	40	***
2	and Rhythm	Computers Software	48 1	48 1	Yes
		Headphones	48	48	
	Common Everyday	Headphones	10	10	
	Situations:				
	Conversations and	~	40	40	
3	Dialogues	Computers Software	48	48	Yes
		Headphones	1 48	1 48	
	Communication at	Treadphones	40	40	
4	Workplace	Computers	48	48	Yes
	FF	Software	1	1	- 52
		Headphones	48	48	
5	Interviews	Computers	48	48	Yes
		Software	1	1	
		Headphones	48	48	
		Computers	48	48	
	Introducing Oneself	Software	1	1	
	& Introducing Others	Headphones	48	48	Yes

Subject: **SS** –**II**

Sr.		Name of Equipment, Machinery Instrument	Qua	ıntity	Whether expt. can
No	Experiment Title	etc. Required to Conduct Experiment	Required	Available	Be conducted
	Listening Comprehension	Computers	48	48	
1		Software Headphones	1 48	1 48	Yes
	Pronunciation, Intonation, Stress	Computers	48	48	
2	and Rhythm	Software Headphones	1 48	1 48	No
	Common Everyday Situations: Conversations and	Computers	48	48	
3	Dialogues	Software Headphones	1 48	1 48	Yes
	Communication at Workplace	Computers	48	48	
4		Software Headphones	1 48	1 48	Yes
5	Interviews	Computers Software Headphones	48 1 48	48 1 48	Yes
	Introducing oneself & Introducing	Computers	48	48	
	Others	Software Headphones	1 48	1 48	Yes

DEPARTMENT OF Biotechnology

Details of Major Equipments of Laboratory

NAME OF THE DEPARTMENT: - Biotechnology

Sr. No.	Name of the Laboratory	Lab/Major Equipments	Investment till date Rs.	Building Name	Building Number
01	Lab-1 Microbiology	Rotary Flask Shaker, Vacuum Oven	662952/-	Lab	238
02	Lab-2 Biochemistry	Double Distillation Water Plant	31011/-	Lab	239
03	Lab-3 Fermentation Biotechnology	Fermenter Sartorious B-Lite	755358/-	Lab	242
04	Lab-4 Bioprocess Engineering	Orbital Shaking, Incubator, Microcentrifuge	173759/-	Lab	241
05	Lab-5 Bioprocess Modeling & Simulation/ Computer Lab	KVA UPS	789865/-	Lab	243
06	Lab-6 Immunology Lab/ Molecular Biology and Genetic Engineering	Deep Freezer, UV Transilluminator	286317/-	Lab	235
07	Lab-7 Project Lab	Incubator, Electronic Balance, Lab Batch Crystallizer	122605/-	Lab	234
08	Lab-8Plant Tissue Culture Lab	Laminar Air Flow	122278/-	Lab	245
09	Lab-9 Bioinformatics	Computer 16 No.	272196/-	Lab	111
10	Lab 10 Down Stream Processing Lab	Electronic Balance	74075/-	Lab	M001A
11	Lab-11 Research Lab	Lyophilizer, UV visible Spectrophotometer	711792/-	Lab	227

NAME OF THE DEPARTMENT: - CHEMICAL ENGINEERING

Details of Laboratories and Workshop

List of Major Equipment (Above Rs.50000/-)

S.No.	Name of the Laboratory /Workshop Details	Major equipment* Above 50000/-		
01	LAB-1: Mass Transfer- I	Absorption in Packed Column		
		Cooling Tower		
02	LAB-2: Mass Transfer- II	Bubble Cap Distillation		
		Ion Exchange		
		Single Effect Evaporator		
		Vapor liquid Equilibrium set up apparatus		
03	LAB-3: Fluid Flow Operation	-		
04	LAB-4: Mechanical Operation	Rotary Vaccum Filter		
		Vertical Pressure Leaf Filter		
05	LAB-5: Instrumentation	-		
06	LAB-6: Process Control	Dynamic Response of Control Valve Rotameter		
		Flow Control Trainer		
		Pressure Control Trainer		
07	LAB-7: Project	Evaporator Set up,		
		Film Wise Drop Wise Condensation		
08	LAB-8: Computer	Software Packages: ASPEN HYSIS		
	_	U.P.S. With Batteries		
09	LAB-9: Chemical Reaction	Rotating Basket Reactor		
	Engineering	Continuous Stirred Tank Reactor		
		Plug Flow Reactor (Coil Type)		
		Cascaded Continuous Stirred Tank Reactor		
10	LAB-10: Chemical Technology	Viscometric Bath		
11	LAB-11: Research	FTIR Spectrophotometer		
		Liquid Ultrasonic Processor		
		Reflectance Meter		
		Digital Electronic Balance		

SSBT's College of Engineering and Technology Bambhori, Jalgaon

Department of Civil Engineering

List of the Major Equipment above 50,000/-

Name of the Lab	Name of the Equipment	Cost
Engineering Geology Lab	Aquameter CRM 500	76,033/-
Env. Engg. Lab	1)P.C. Based Spectrophotometer	2,47,326/-
	2)Multigas Analizer	2,14,930/-
	3) High Volume Sampller	1,77,307/-
	4)B.O.D. Iccubator	60,032/-
	5)Radio meter	2,88,517/-
Survey Lab	1) Total Station	3,50,000/-
	2) Theodolite 1"	1,01,700/-
	3) Electronics Distance Measurement	1,98,000/-
Fluid Mechanics Lab -II	1)Fancies Turbine	2,29,888/-
Transportation Lab	1) Ductility Test. Machine	87, 098/-
Geotech. Engg. Lab	1) Standard Penetration Test	50,000/-
	2) Plate Load Test	3,37,100/-
	3)Permeability Test Apparatus	1,16,600/-
Testing of Materials lab	1) Universal Test. Machine	1,35,000/-
	2) Tensile Test. machine	91,265/-
Concrete Lab	1) Tensile Test. machine and Flexural Test Attachment	11,12,126/-
	2) Extenso Meter	1,12,500/-
	3) Compressive Test. Machine & C.I. Mould	8,35,662/-
	4)Concrete Test Hammer	1, 09,858/-
	5) Permeability Test Apparatus & High Pressure Air	1,42,300/-
	Compressor	

H.C.E.D.

SSBT's College of Engineering and Technology Bambhori, Jalgaon

Department of Civil Engineering

List of the Major Equipment above 50,000/-

Name of the Lab	Name of the Equipment	Cost
Engineering Geology Lab	Aquameter CRM 500	76,033/-
Env. Engg. Lab	1)P.C. Based Spectrophotometer	2,47,326/-
	2)Multigas Analizer	2,14,930/-
	3) High Volume Sampller	1,77,307/-
	4)B.O.D. Iccubator	60,032/-
	5)Radio meter	2,88,517/-
Survey Lab	1) Total Station	3,50,000/-
	2) Theodolite 1"	1,01,700/-
	3) Electronics Distance Measurement	1,98,000/-
Fluid Mechanics Lab -II	1)Fancies Turbine	2,29,888/-
Transportation Lab	1) Ductility Test. Machine	87, 098/-
Geotech. Engg. Lab	1) Standard Penetration Test	50,000/-
	2) Plate Load Test	3,37,100/-
	3)Permeability Test Apparatus	1,16,600/-
Testing of Materials lab	1) Universal Test. Machine	1,35,000/-
	2) Tensile Test. machine	91,265/-
Concrete Lab	1) Tensile Test. machine and Flexural Test Attachment	11,12,126/-
	2) Extenso Meter	1,12,500/-
	3) Compressive Test. Machine & C.I. Mould	8,35,662/-
	4)Concrete Test Hammer	1, 09,858/-
	5) Permeability Test Apparatus & High Pressure Air	1,42,300/-
	Compressor	

H.C.E.D.

Details of Laboratories

Name of the Department:-COMPUTER ENGINEERING

Sr.	Name of the Laboratory	Total Area of Lab in m ²	Major Equipment above 50,000/-
No. 1	Lab 1 /Data Structure Lab	90	-
			_
2	Lab 2/Embedded System Lab	68	-
3	Lab 3 / ME (CSE) Computer Lab	66	-
4	Lab 4/Digital & Microprocessor Lab	81	-
5	Lab 5/Software Engineering Lab	68	-
6	Lab 6/Programming Lab-I	67	-
7	Lab 7/Database Lab	67	-
8	Lab 8/System Programming Lab	67	-
9	Lab 9/Project Lab	81	-
10	Lab-10/Linux Lab	144	Interactive White Board Veronmake Model No. IB 78 (4*6 feet)
11	Lab-11/Programming Lab-II	71	-
12	Lab-12/ME (CSE) Research Lab	71	-
13	Server Room	56	IBM Server@ 1.26GHz UPS Online 5KVA with Batteries
14	HOD Cabin (Computer)	40	UPS 1 battery 12V-65H-12Nos battery with Maintainance free battery IBM System X3100 M4 Server Desktop, 8 GB RAM, Hard disk 1 TB, Lenovo 18.5 W LED Monitor Lenovo Monitor

APPENDIX-15

ELECTRICAL ENGINEERING DEPARTMENT

A) Facilities for conducting Practicals in the Laboratories

Name of the Department / Section: - Electrical Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical

Name of Course: Electrical Engineering Class- FE Sem-I

Subject:- Basic Electrical and Electronics Engg.

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted
			Required	Available	
1	Study and representation of	Electrical Equipments	01	01	Yes
	electrical and electronics	Electronic Equipments	01	01	
	components/equipments	Multimeter			
2	Verification of Thevenin's	Thevenin's kit	01	01	Yes
	theorems.	Connecting wires			
		Multimeter	01	01	
		Voltmeter	01	01	
		Ammeter	01	01	
		resistor	01	01	
		Power supply	01	01	
3	Verification of Superposition	Superposition kit	01	01	Yes
	theorems.	Connecting wires			
		Voltmeter	01	01	
		Ammeter	01	01	
		resistor	01	01	
		Multimeter	01	01	
		Power supply	01	01	
4	Verification of Maximum power	Maximum power transfer kit	01	01	Yes
	transfer theorems.	Connecting wires			
		Multimeter	01	01	
		Voltmeter	01	01	
		Ammeter	01	01	
		resistor	01	01	
		Power supply	01	01	
5	To plot VI characteristics of PN	DMM	01	01	Yes
	Junction Diode	Kit	01	01	
		Bread Board	01	01	
		Power suppy	01	01	
		Resistor	01	01	
		P-N Junction Diode	01	01	
		Connecting wires	0.1	0.1	**
6	To determine operating point of	DMM	01	01	Yes
	BJT	Kit	01	01	
		Bread Board	01	01	
		Power suppy	01	01	
		Resistor BJT	01	01	
		Connecting wires	01	01	
		Connecting wires	1		

7	To plot characteristics of LED	DMM	01	01	Yes
		Kit	01	01	
		Bread Board	01	01	
		Power suppy	01	01	
		Resistor	01	01	
		LED	01	01	
		Connecting wires			
8	To implement any Boolean	Kit	01	01	Yes
	Expression in logic gates	Bread Board	01	01	
		Power suppy	01	01	
		Resistor	01	01	
		IC	01	01	
		Connecting wires			

A) Facilities for conducting Practicals in the Laboratories

Name of the Department / Section :-Electrical Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical

Name of Course: Electrical Engineering Class- SE Sem-III

Subject:- Electrical Circuit Analysis

	Experiment Title	Name of Equipment,	Quai	ntity	Whether expt.
Sr. No		Machinery Instrument etc. Required to Conduct Experiment	Required	Availabl e	can be conducted
1	Verifications of Thevenin's	A 470 ohm resistor	2	2	Yes
	Theorem for two port	B 680 ohm resistor	1	1	
	network.	C multimeter	2	2	
		D connecting probes			
2	Verification of Norton's	A 470 ohm resistor	2	2	Yes
	Theorem for two port	B 680 ohm resistor	1	1	
	network.	C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	
3	Verification of Superposition	A 470 ohm resistor	2	2	Yes
	Theorem for two port	B 680 ohm resistor	1	1	
	network.	C multimeter	2	2	
		D connecting probes			
		E dual power supply	2	2	
4	Measurement of Z-parameter	A 470 ohm resistor	2	2	Yes
	of two port network	B 680 ohm resistor	1	1	
		C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	
5	Measurement of Y-parameter	A 470 ohm resistor	2	2	Yes
	of two port network	B 680 ohm resistor	1	1	
		C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	
6	Measurement of ABCD-	A 470 ohm resistor	2	2	Yes
	parameter of two port	B 680 ohm resistor	1	1	
	network	C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	

7	To plot frequency response	A 470 ohm resistor	2	2	Yes
	of series RLC circuit.	B 680 ohm resistor	1	1	
		C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	
8	To plot frequency response	A 470 ohm resistor	2	2	Yes
	of parallel RLC circuit.	B 680 ohm resistor	1	1	
	_	C multimeter	2	2	
		D connecting probes			
		E dual power supply	1	1	

Name of Course: Electrical Engineering Class- SE Sem-III

Subject- Electrical Machines-I

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted
			Required	Available	
1	Determination of	DC Shunt Generator	01	01	Yes
	magnetization, external,	DC Shunt Motor Set			
	internal characteristics and	DC Ammeter	02	02	
	critical field	DC Voltmeter	01	01	
	resistance of d. c. shunt	Rheostats	02	02	
	generator	Speedometer	01	01	
		Load Bank	01	01	
2	Determination of external	DC Compound Generator	01	01	Yes
	characteristics of d.c.	DC Shunt Motor Set			
	compound generator as i)	DC Ammeter	02	02	
	differential compound, ii)	DC Voltmeter	01	01	
	cumulative compound	Rheostats	02	02	
	generator.	Speedometer	01	01	
		Load Bank	01	01	
3	Speed control of D.C shunt	DC Shunt Motor	01	01	Yes
	motor by armature and field	DC Ammeter	02	02	
	control.	DC Voltmeter	01	01	
		Rheostats	02	02	
		Speedometer	01	01	
4	i) Study of 3 and 4 point	3 and 4 point Starters	02	02	Yes
	starters. ii) Reversal of motor	Rheostats	02	02	
	rotation of D. C. motor.	Speedometer	01	01	
5	Determination of	DC Series Generator	01	01	Yes
	performance characteristic of	Generator Set			
	DC series motor by direct	DC Ammeter	02	02	
	load.	DC Voltmeter	01	01	
		Rheostats	02	02	

		Speedometer	01	01	
		Load Bank	01	01	
		Loud Bunk		01	
6	Swinburne's test on DC	DC Shunt Motor	01	01	Yes
	shunt Motor: Determination	DC Ammeter	02	02	
	of losses & efficiency.	DC Voltmeter	01	01	
		Rheostats	02	02	
		Speedometer	01	01	
		april areas			
7	Polarity and Ratio test on	1 Ph Transformer	01	01	Yes
	single phase	3 Ph transformer	01	01	
	transformer/three phase	AC Ammeter	02	02	
	transformer.	AC Voltmeter	02	02	
		1 Phase auto transformer	01	01	
8	Determination of	1 Ph Transformer	01	01	Yes
	performance of single phase	Load bank	01	01	
	transformer by direct load	AC Ammeter	02	02	
	test.	AC Voltmeter	02	02	
		Wattmeter	01	01	
		v accineter			
9	Determination of	1 Ph Transformer	01	01	Yes
	performance of single phase	AC Ammeter	02	02	
	transformer by conducting	AC Voltmeter	02	02	
	Open circuit and short circuit	Wattmeter	01	01	
	test.	1 Phase auto transformer	01	01	
10	Parallel operation of two	1 Ph Transformer	02	02	Yes
	single phase transformer.	AC Ammeter	02	02	
		AC Voltmeter	02	02	
		Wattmeter	01	01	
		1 Phase auto transformer	01	01	
11	Study of phaser and vector	3 Phase transformer	01	01	Yes
	group of three phase				
	transformer.				
12	Scott connection of two	1 Ph Transformer	02	02	Yes
	single phase transformer on	AC Ammeter	02	02	
	no load and at balanced load.	AC Voltmeter	02	02	
		Wattmeter	01	01	
		1 Phase auto transformer	01	01	
	1	1 1 Habe add transferrior	0.1	01	1

Subject- Electrical Workshop

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted	
			Required	Available		
1	Study and use of:	Dc voltmeter	01	01	Yes	
	a. DC/AC voltmeter and	Ac voltmeter	01	01		
	ammeter.					
	b. Analog multi-meter and	analog multimeter	0.1	0.1	***	
	Digital multi-meter for the	digital multimeter	01	01	Yes	
	measurement of		01	01		
	electrical quantities.					
	c. Megger, Clip-on meter.	Manage	0.1	01	W	
	d. Power factor meter.	Megger France Makes	01	01	Yes	
2	0.1.6.166	Power Factor Meter	01	01	Yes	
2	Study of different Cables	Different types of Cables as a study Practical			Yes	
3	Details and Layout of DC Armature Windings	Open case DC Machine	01	01	Yes	
4	Details and Layout of AC	Open case AC Machine	01	01	Yes	
	Armature Windings					
5	Study of substation	Model of Lightening	01	01	Yes	
	equipment	Arrester,	01	01		
	a. Classification and use of	Isolator,	01	01		
	Lightening arrester	Earthing Rod etc	01	01		
	b. Different type of isolators.					
	c. Substation earthing					
6	Study of transformers	Distribution Transformer	01	01	Yes	
	a. Standard rating, vector					
	group of power transformer.					
	b. Standard rating of					
	instrument transformer					
	c. Class of accuracy for					
7	instrument transformer.	NA 1.1 C/D1 1	01	0.1	V	
7	Study of Starters	Model of Three phase	01	01	Yes	
	a. Three phase induction	induction motor starter.	01	01		
	motor starter.	Model of three phase	01	01		
	b. Study of three phase	induction motor reverse forward starter				
	induction motor reverse forward starter.	Torward starter				
8	Study of different contactor,	Contactor, Relay	01	01	Yes	
O	relay and timer with	Comación, Relay	01	01	103	
	switching demonstration					
	5 witching demonstration					

Subject- Electrical Engineering Materials

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted
			Required	Available	
1	Testing of Insulating Oil as per IS	Oil testing Set	01	01	Yes
2	Testing of Solid Insulating	Solid Insulating Kit	01	01	Yes
	Material as per IS	Material	01	01	
3	Testing of Power Capacitor	3 Phase Induction Motor	01	01	Yes
	as per IS	Power Capacitor			
	-	Wattmeter	01	01	
		AC Ammeter	02	02	
		AC Voltmeter	01	01	
		Belt and Balance set	01	01	
			01	01	
4	Measurement of resistivity	Conducting wire	01	01	Yes
	of conducting Materials	AC Ammeter	01	01	
	-	Multimeter	01	01	
		Load Bank	01	01	
5	Measurement of resistivity	Resistive wire	01	01	Yes
	of resistive Material	AC Ammeter	01	01	
		Multimeter	01	01	
		Load Bank	01	01	
6	To Study Seeback and Peltier effects	Seeback & Peltier Kit	01	00	No
7	Study of Hysterias Loop of	DC Shunt motor Generator	01	01	Yes
	Ferromagnetic material s	set			
		DC Ammeter	01	01	
		DC Voltmeter	01	01	
		Speedometer	01	01	
8	Study of various insulating materials	Various Insulating Material	03	03	Yes

Name of Course: Electrical Engineering Class- SE Sem-IV
Subject- Analog and Digital Electronics

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted
			Required	Available	
1	Observe the input and output	1. CRO	01	01	Yes
	voltages of full wave bridge	2. Power Supply	01	01	
	rectifier circuit with and	3. kit	01	01	
	without filter.				
2	Study of Op-Amp As Square	1. CRO	01	01	Yes
	Wave Generator Using IC	2.Function Generator	01	01	

	741	3. Dual Power Supply	01	01	
		4.Multimeter	01	01	
3	Study of Schmitt Trigger	1. CRO	01	01	Yes
	Using Op-Amp IC 741	2.Function Generator	01	01	(performed on
		3. Dual Power Supply	01	01	bread board)
		4.Multimeter	01	01	
4	Study of Astable,	1. CRO	01	01	Yes
	Monostable Multivibrator	2.Function Generator	01	01	(performed on
	Using IC 555	3.Power Supply	01	01	bread board)
		4.Multimeter	01	01	
5	Study of IC 723 As Low	1. CRO	01	01	Yes
	Voltage Regulator	2.Function Generator	01	01	(performed on
		3.Power Supply	01	01	bread board)
		4.Multimeter	01	01	
6	Study of IC 723 As High	1.Power Supply	01	01	Yes
	Voltage Regulator	2.Multimeter	01	01	(performed on
					bread board)
7	Study of Positive Voltage	1.Power Supply	01	01	Yes
	Regulator Using IC 78××	2.Multimeter	01	01	(performed on
					bread board)
8	Study of Negative Voltage	1.Power Supply	01	01	Yes
	Regulator Using IC 79 ××	2.Multimeter	01	01	(performed on
					bread board)
9	Study of J-K Flip-Flop Using	1.Power Supply	01	01	Yes
	IC 7476	2.Multimeter	01	01	(performed on
					bread board)
10	Verification of Binary	1.Power Supply	01	01	Yes
	Counter Using IC-7493.	2.Multimeter	01	01	(performed on
					bread board)

Name of Course: Electrical Engineering Class- SE Sem-IV

Subject:- Electrical Machine -II

Sr. No	Experiment Title	Name of Equipment,	Quantity		Whether expt.
		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	Determination of voltage	D.C. Shunt Motor as	1	1	Yes
	regulation and efficiency of	P.M.			
	three phase alternator by	Ammeter (0-10A)	1	1	
	direct load test.	Voltmeter (0-600V)	1	1	
		Lamp bank as Resistive			
		Load	1	1	
		Tachometer	1	1	
		D.C. Ammeter (0-1A)	1	1	
		Rheostats (800,1.2A)	2	2	

	<u> </u>	T			
2	Open and short circuit test on	D.C. Shunt Motor as	1	1	Yes
	three phase alternator:	P.M./3Ph. Synchronous.	1	1	
	determination of its	Motor as P.M.			
	regulation by e.m.f. method	Ammeter (0-10A)	1	1	
	and m.m.f. method.	Voltmeter (0-600V)	1	1	
		Lamp bank as Resistive	1	1	
		Load			
		Tachometer	1	1	
		D.C. Ammeter (0-1A)	1	1	
		Rheostats (800,1.2A)	2	2	
3	Zero power factor test on	D.C. Shunt Motor as	1	1	Yes
3	=	P.M.	1	1	168
	three phase alternator:		1	1	
	determination of regulation	Ammeter (0-10A)	1	1	
	by Potier trangle method.	Voltmeter (0-600V)	1	1	
		3Ph inductive load	1	1	
		Tachometer	1	1	
		D.C. Ammeter (0-1A)	1	1	
		Rheostat (800,1.2A)	2	2	
4	Determination of direct axis	Dc shunt motor as PM	1	1	Yes
	and quadrature axis	3Ph Auto Transformer	1	1	
	reactance by slip test on	(10A,600V)			
	synchronous machine.	Voltmeter (0-600V)	1	1	
	Determination of voltage	Ammeter (0-5A)	1	1	
	regulation by two reactance	Tachometer Tachometer	1	1	
	theory.	1 actionictes	1	1	
5	Synchronizing alternators:	Practical set of	1	1	Yes
3	_ =		1	1	168
	lamp methods and use of	Synchronous machine			
	synchroscope.	on infinite bus including			
		synchronscope			
6	Synchronous alternator on	Practical set of	1	1	Yes
	infinite bus: behavior of	Synchronous machine			
	machine under change in	on infinite bus including			
	mechanical power and	synchronscope			
	excitation				
7	Characteristic of	3Ph alternator as load on	1	2	Yes
	synchronous motor at	synchronous motor			
	constant load and variable	ammeter(0-10A)	1	1	
	excitation.	Voltmeter(0-600V)	1	1	
		DC ammeter (0-2A)	1	1	
		Rheostats (400,1.2A)	1	1	
		2 Wattmeter(600V/10A)	2	1	
		Synchronous motor with	_		
		1 -			
		direct loading			
		arrangment and	1	1	Vaa
		Synchronising pannel	1	1	Yes
<u></u>					

8	Characteristic of	Voltmeter (0-300V)	1	1	Yes
	synchronous motor at	Ammeter (0-10A)	1	1	
	constant excitation and	1ph Auto transformer	1	1	
	variable load.	(10A/270V)			
		Alt as a load	1	1	
		Synchronous motor with			
		direct loading			
		arrangment and			
		Synchronising pannel	1	1	Yes
9	Determination of	3 Ph Auto transformer	01	01	Yes
	performance of three phase	Voltmeter	01	01	
	induction motor by direct	Ammeter	01	01	
	load test.	Wattmeter	02	02	
		Tachometer	01	01	
		Brake Load	01	01	
10	Determination of	3 Ph Auto transformer	01	01	Yes
	performance of three phase	Voltmeter	01	01	
	induction motor by no load,	Ammeter	01	01	
	blocked rotor test and	Wattmeter	02	02	
	construction of circle	Tachometer	01	01	
	diagram.				
11	No load and blocked rotor	Voltmeter(0-300V)	1	1	Yes
	tests on capacitor start single	Ammeter(0-10A)	1	1	
	phase induction motor	1 ph Auto transformer	1	1	
	and determination of	Wattmeter(300V/10A	1	1	
	parameters of equivalent				
	circuit.				
12	Load test on single phase	Voltmeter(0-300V)	1	1	Yes
	induction motor.	Ammeter(0-10A)	1	1	
		Auto transformer	1	1	
		Wattmeter(300V/10A	1	1	

Name of Course: Electrical Engineering Class- SE Sem –IV

Subject- Measurement and Instrumentation

S.N.	Experiment Title	Name of Equipment, Machinery, Instrument required to Conduct Experiment	Quantity		Whether Experiment can be conducted
			Required	Available	
1	Measurement of active	3 Ph power supply	01	02	
	power and reactive power in	ammeter,	01	01	
	three phase circuit by two	voltmeter,	01	01	Yes
	wattmeter method and one	Wattmeter,	02	02	
	wattmeter method.	Load	01	01	
2	Calibration of single phase	1 Phase Energy meter,	01	01	
	Energy meter at different.	ammeter,	01	01	Yes
	Power factor	voltmeter,	01	01	

		Wattmeter	01	01	
		Load	01	01	
3	Calibration of three phase	3 Phase Energy meter,	01	01	
	two element energy meter at	ammeter,	01	01	
	different P.F.'s.	voltmeter,	01	01	Yes
		Wattmeter,	01	01	
		Load	01	01	
4	Kelvin's double bridge:	Kelvin Bridge Kit,	01	01	
	Measurement of low	Multimeter	01	01	Yes
	resistance.		01	01	
5	Strain Measurement using	strain Gauge measurement	01	01	Yes
	strain gauge.	kit & Weights			1 05
6	Measurement of temperature	Heater	01	01	
	by RTD/Thermocouple.	RTD	01	01	Yes
		Thermocouple	01	01	168
		Multimeter	01	01	
7	Measurement of pressure by	pressure transducer kit	01	01	Yes
	using pressure transducer.	Foot Pump	01	01	168
8	Measurement of	LVDT Transducer unit	01	01	
	displacement by using	with controller			Yes
	LVDT	CRO	01	01	168
		Probes	03	03	
9	Measurement of inductance	Schering Bridge Kit	01	01	
	and capacitance by	Capacitance	01	01	
	Andersons Bridge and	Anderson Bridge	01	01	Yes
	Schering Bridge.	Inductance	01	01	
		wires		UI	
10	Measurement of Earth	Earth Testing Kit	01	01	Yes
	Resistance		UI	UI	

A) Facilities for conducting Practicals in the Laboratories

Name of the Department / Section: - Electrical Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required performing prescribed Practical

Name of Course: Electrical Engineering Class- TE Sem-V

Subject:-Power Electronics

Sr.	Experiment Title	Name of Equipment,	Quant	tity	Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	Triggering Circuit of SCR	Triggering circuit of SCR	01	01	YES
2	Commutation circuit class C, class D	Commutation circuit class C & class D	01	01	YES
3	Single phase full wave controlled rectifiers R, R-L characters tics	Single phase full wave controlled rectifiers R, R-L, LOAD CHAR	01	01	YES
4	Single phase semi-converter	Single phase semi converter	01	01	YES
5	Three phase full wave controlled rectifiers	Three phase full wave controlled rectifiers	01	01	YES
6	Step up chopper	Step up chopper	01	01	YES
7	Step down chopper	Step down chopper	01	01	YES
8	Series and parallel inverter	Series inverter & Parallel inverter	01	01	YES
9	Three phase inverter	Three phase inverter. MOSFET	01	01	YES

Name of Course: Electrical Engineering Class- TE Sem-V

Subject:-Power System II

Sr.	Experiment Title			Quantity		
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted	
1	Measurement of ABCD parameters of a medium transmission line.	Medium Transmission Line Kit	1	1	Yes	

2	Measurement of ABCD	400Km Transmission	1	1	Yes
	parameters of a long	line study unit			
	transmission line.	,			
3	Plotting of receiving end	Medium Transmission	1	1	Yes
	circle diagram to evaluate	Line Kit			
	performance of medium				
	transmission line.				
4	Study of the effect of VAR	DC shunt motor or	1	1	Yes
	compensation on the profile	synchronous. Motor as			
	of receiving end voltage	PM	2	2	
	using capacitor bank.	Voltmeter (0-600V)	2	2	
		Ammeter(0-10A)	1	1	
		Capacitor bank			
5	Static measurement of sub-	Synchronous Generator	1	1	Yes
	transient reactance of a	coupled with motor	1	1	
	salient-pole alternator.	Ammeter(0-10A)			
		1ph Auto transformer	1	1	
6	Measurement of sequence	3 ph synchronous motor	1	1	Yes
	reactance of a synchronous	3 ph synchronous			
	machine	generator	1	1	
		wattmeter	2	2	
		voltmeter	1	1	
		ammeter	1	1	
		1 ph transformer	1	1	
7	Determination of steady state	400Km Transmission	1	1	Yes
	power limit of a transmission	line study unit			
	line.				
8	Unsymmetrical fault analysis	400Km Transmission	1	1	Yes
	for LL,LG, LLG FAULT ON	line study unit			
	A.C / D.C network analyzer				
9	Formulation and calculation	Computer	1	1	Yes
	of Y- bus matrix of a system	400Km Transmission	1	1	
	using software.	line study unit			
10	Solution of a load flow	Computer	1	1	Yes
	problem using Gauss-Seidal	Matlab software	1	1	
4.4	method using a software.		4	4	*7
11	Solution of a load flow	Computer	1	1	Yes
	problem using Newton-	Matlab software	1	1	
	Raphson method using				
10	software.		1	4	X 7
12	Unsymmetrical fault analysis	Computer	1	1	Yes
	of a 3-bus system using a	Matlab software	1	1	
12	software.	Commutor	1	1	V
13	Calculation of inductance	Computer Modelah auftrugga	1	1	Yes
	and capacitance for	Matlab software	1	1	
	symmetrical and				
	unsymmetrical				
	configuration of transmission				
	line using software.				

Name of Course: Electrical Engineering Class- TE Sem-V

Subject:- Electronic Design Lab

Sr.	Experiment Title	Name of Equipment,	Quan	tity	Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	Design of D.C. Power	1.CRO	01	01	Yes
1	Supply using full wave	2.Resistor	04	04	105
	rectifier with filter.	3.Capacitor	01	01	
	1000	4.Multimeter	01	01	
		5. Dual Power Supply	01	01	
		6. breadboard	01	01	
		7. connecting wires	<u> </u>		
2	Design of Low Voltage and	1.CRO	01	01	Yes
	High Voltage regulator	2.Resistor	04	04	
	circuits using IC 723.	3.Capacitor	02	02	
		4.IC 723	01	01	
		3. Dual Power Supply	01	01	
		4.Multimeter	01	01	
		5. breadboard	01	01	
		6. connecting wires			
3	Implementation of	1.CRO	01	01	Yes
	waveform generator and	2.Resistor	02	02	
	oscillator using op-amp	3.Rheostat	02	02	
	IC741.	4.Capacitor	02	02	
		5.IC 741	01	01	
		6. Dual Power Supply	01	01	
		7.Multimeter	01	01	
		8. breadboard	01	01	
		9. connecting wires			
4	Design of Astable and	1.CRO	01	01	Yes
	Monostable multivibrators	2.Resistor	02	02	
	using IC 555 and	3Capacitor	02	02	
	applications.	4.IC 555	01	01	
		5.Function Generator	01	01	
		6. Dual Power Supply	01	01	
		7.Multimeter	01	01	
		8. breadboard	01	01	
		9. connecting wires			
5	Design of digital	1.Computer	01	01	Yes
	multiplexers and	2.VHDL software			
	demultiplexers.				

Name of Course: :Electrical Engineering Class-TE Sem-VI

Subject:-Control System I

Sr.	Experiment Title	Name of Equipment,	Quan	ntity	Whether expt.	
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted	
1	To determine Speed Torque	Ac servo motor	1	1	Yes	
	characteristic of an AC Servomotor.	kit,Multimeter	1	1		
2	To study potentiometer as an error detector.	Potentiometer kit, Multimeter	1 1	1 1	Yes	
3	To determine time response	Second order system kit,	1	1	Yes	
	of second order control	Multimeter,CRO	1	1		
	system		1	1		
4	To determine speed-torque	dc servo motor kit	1	1	Yes	
	characteristics of dc	tachometer	1	1		
	servomotor.	multimeter	1	1		
5	Study of PID controller	PID controller CRO	1	1	Yes	
			1	1		
6	To study synchro-transmitter	Kit of Synchros,	1	1	Yes	
	and receiver and obtain output V/S input Characteristics.	Multimeter	1	1		
7	To Study Stepper Motor.	stepper motor	1	1	Yes	
		Tachometer	1	1		
		Multimeter	1	1		
8	To determine time domain response of a second order system for step input obtains performance parameters by using software.	Matlab Software	1	1	Yes	
9	To plot root locus diagram of an open loop transfer function and determine range of gain 'k' for stability by using software.	Matlab Software	1	1	Yes	
10	To plot a Bode diagram of an open loop transfer function by using software.	Matlab Software	1	1	Yes	

Subject:-Microprocessor and Microcontroller

Sr.	Experiment Title	Name of Equipment,	Quai	ntity	Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	Study of architecture and instructions of 8085 along with opcodes.	8085 micro-controller kit	-	-	YES
2	Study of architecture & instructions of 8051	8051 micro-controller kit	-	-	YES
3	Microprocessor 8085 assembly language programs based on data transfer instruction	8085 Microprocessor Kit with 7 segment LED display	05	06	YES
4	Microprocessor 8085 assembly language programs based on arithmetic instruction	8085 Microprocessor Kit with 7 segment LED display	05	06	YES
5	Microprocessor 8085 assembly language programs based on logical instruction	8085 Microprocessor Kit with 7 segment LED display	05	06	YES
6	Applications of micro processor 8085 in Electrical drives and speed control for stepper motor.	Stepper Motor Kit	02	02	YES
7	Microcontroller 8051 assembly language programs based on data transfer instruction.	8051 Simulator	PC	PC	Yes
8	Microcontroller 8051 assembly language programs based on arithmetic and logical instructions.	8051 Simulator	PC	PC	Yes

Name of Course: : Electrical Engineering Class-TE Sem-VI

Subject:-Power System-II

Sr.	Experiment Title	Name of Equipment,	Quantity		Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted

1	Strain Measurement using strain gauge	strain Gauge measurement kit & Weights	1	1	Yes
2	Study of CRO & its different types and applications	CRO Function generator Probes	1 1 2	1 1 2	Yes
3	Measurement of temperature by RTD/Thermocouple.	Heater RTD Thermocouple Multimeter	1 1 1 1	1 1 1 1	Yes
4	Study of pressure transducer	pressure transducer kit compressor	1 1	1 1	Yes
5	Study of recorder	Strip chart recorder	1	1	Yes
6	Study of LVDT	LVDT Transducer unit with controller CRO Probes	1 1 3	1 1 3	Yes
7	Measurement of inductance by Andersons Bridge.	a. KIT Anderson b. Headphone	1 1	1 1	Yes
8	Measurement of capacitance and loss angle of capacitor by Schering bridge	Schering Kit multimeter	1 1	1 1	Yes
9	Step response of meter				No
10	Measurement of systematic errors of wattmeter.				No

Name of the Department / Section: - Electrical Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required performing prescribed Practical

Name of Course: Electrical Engineering Class- BE Sem-VII

Subject: Industrial Drives and Control

Sr.	Experiment Title	Name of Equipment, Machinery	Quantity		Whether expt.	
No		Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted	
1	Determination of Speed Torque characteristic of d.c motor controlled using single phase half controlled rectifier.	1/2 HP D.C Shunt Motor With Loading arrangement	1	1	Yes	
2	Determination of Speed Torque characteristic of d.c motor controlled using single phase fully controlled rectifier.	½ HP D.C Shunt Motor With Loading arrangement	1	1	Yes	
3	Performance analysis of one quadrant chopper control of d.c motor.	½ HP D.C Shunt Motor With Loading arrangement	1	1	Yes	
4	Performance analysis of two quadrant chopper control of d.c motor.	1/2 HP D.C Shunt Motor With Loading arrangement	1	1	Yes	
5	Speed control of single phase induction motor using ac voltage regulator.	1 HP Single Phase Induction motor.	1	1	Yes	
6	Study of stepper motor drive circuit	Stepper Motor 2 phase, 3.5 Kg- cm, 12 volt	1	1	Yes	
7	Speed control Universal motor	FHP AC/DC Universal Motor	1	1	Yes	
8	Study of closed loop control of DC motor.	1/2 HP D.C Shunt Motor	1	1	Yes	
9	Study of Vector control method for induction motor	3 HP/2.2 KW, 415 volt , 4 Pole , 50 Hz, 1440 RPM Induction Motor	1	1	Yes	

Name of Course: : Electrical Engineering Class- BE Sem-VII

Subject:- High Voltage Engineering.

Sr.	Experiment Title	Name of Equipment, Machinery	Quai	ntity	Whether expt.	
No		Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted	
1	Measurement of insulation resistance of 11KV/110 V.P.T by Megger.	Megger	1	1	Yes	
2	Power frequency withstand test on 11KV, 10/5 amp CT.				No	
3	Study of Corona Discharge	50 KVA C/70 KV DC HV testing kit corona cage	1	1		
		2-0-50 KV HV Transformer	1	1	Yes	
		3-0-70 KV Rectifier	1	1		
		4-0-70 KV Filter	1	1		
		5-Bedding Resistor (0-90 KV)	1	1		
4	Determination of insulation break-down strength of solid, Liquid and gaseous dielectric media	Insulation Tester Set & Oil Tester	1	1	Yes	
5	Power frequency high voltage withstand test on cable				No	
6	Study of Impulse Generator	As Study Experiment	-	-	Yes	
7	Dry & wet power freq. With stand test on insulator	HV testing kit 0-50 KV AC Transformer Insulator Artificial raining sys.	1 1 1 1	1 1 1 1	Yes	
8	Flashover test on insulator	As a study experiment	1	1	Yes	
9	Double voltage Double freq. With stand test on transformer.	Double voltage, double freq. Kit Transformer	1	1	Yes	
10	Calibration of sphere	HV testing kit	1	1	Yes	
	gap	0-50 KVAC HV transformer Sphere gap assembly	1	1		
			1	1		
11	Study of 100KV high voltage testing set.	high voltage testing Kit	1	1	Yes	

Name of Course: Electrical Engineering Class- BE Sem-VII

Subject:-Industrial Electrical Engineering.

Sr.	Experiment Title	Name of Equipment,	Quai	ntity	Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	Performance characteristics	DC shunt generator as load	1	1	Yes
	of DC Series motor by load	on DC motor	1	1	
	test.	Voltmeter (0-300V)	1	1	
		Ammeter (0-10A)	1	1	
		tachometer	1	1	
2	Performance characteristics	Ammeter ((0-10A)	1	1	Yes
	of DC Series motor by Field	Voltmeter (0-300V)	1	1	
	Test.	Tachometer,	1	1	
		Loading arrangement	1	1	
		DC Series motor coupled			
		with DC generator			
3	Performance characteristics	Voltmeter (0-300V)	1	1	Yes
	of DC Shunt motor by direct	Ammeter (0-10A)	1	1	
	load test.	tachometer	1	1	
		DC Shunt motor	1		
4	Performance characteristics	Voltmeter (0-300V)	1	1	Yes
	of single phase induction	Ammeter (0-10A)	1	1	
	motor by direct load test.	1ph auto			
		Transformer(270V,10A)	1	1	
		Tachometer	1	1	
		Load Balance	1		
		single phase induction motor with loading arrangement	1		
5	Performance characteristics	Voltmeter (0-600V)	1	1	Yes
	of three phase induction	Ammeter (0-10A)	1	1	
	motor by direct load test.	Wattmeter (600v/10A)	2	2	
		Tachometer	1	1	
		Loading arrangement	1	1	
		3 ph auto transformer.	1	1	
		Three phase induction motor			
6	Speed control of DC Series	Voltmeter (0-300V)	1	1	Yes
	Motor	Ammeter (0-10A)	1	1	
		Tachometer	1	1	
		Rheostats (100,5A)	2	2	
		DC Series Motor	1	1	

7	Speed control of three phase	Voltmeter (0-600V)	1	1	Yes
	slip ring Induction Motor by	Ammeter (0-10A)	1	1	
	rotor resistance method	Tachometer	1	1	
		three phase slip ring			
		Induction Motor	1	1	
		rotor resistance	1	1	
8	Rheostatic breaking of DC	Voltmeter (0-300V)	1	1	Yes
	Shunt Motor	Ammeter (0-5A)	1	1	
		Rheostat (200,5A)	1	1	
		Change over switch	1	1	
		Stop watch	1	1	
		DC Shunt Motor	1	1	
	G. 1 CA: 12.	D 1			X7
9	Study of Air conditioning system.	By case study			Yes
10	Study of induction heating	By case study			Yes
	&Welding.				
11	Study of Different type of	Machine lab Enclosures			Yes
	Enclosures				

Name of Course: Electrical Engineering Class- BE Sem-VIII

Subject:-Power system stability

Sr.	Experiment Title	Name of Equipment,	Quar	ntity	Whether expt.
No		Machinery Instrument etc.	Required	Available	can be
		Required to Conduct			conducted
1	Determination of Demonstration	Experiment	1	1	V
1	Determination of Parameters	DC shunt motor coupled	1	1	Yes
	and time constants of	with synchronous			
	synchronous machines.	alternator	1	1	
		Voltmeter	1	1	
		Ammeter	1	1	
		Wattmeter			
2	Synchronous machine of	DC shunt motor coupled	1	1	Yes
	infinite bus: Effect of	with synchronous			
	Excitation	alternator			
		Synchronizing panel	1	1	
		Voltmeter	1	1	
		Ammeter	1	1	
		Wattmeter			
3	Effect of saturation and &	DC shunt motor coupled	1	1	Yes
	determination of equivalent	with synchronous			
	reactance of synchronous	alternator			
	machines.	Voltmeter	1	1	
		Ammeter	1	1	
		Wattmeter	1	1	

4	Retardation test on synchronous machines to find moment of inertia of rotating part and angular momentum.	As a study experiment.			Yes
5	To obtain power angle characteristics of lossy & lossless lines.	Transmission line kit	01	01	Yes
6	To study transient stability by point by point method.	Kit	01	01	Yes
7	To determine the steady state stability limit of short transmission line.	Short Transmission line kit	01	01	Yes
8	To determine SSSL of long transmission line.	Long Transmission line kit	01	01	Yes
9	Study of Clerk diagram	As study experiment.			Yes
10	Study of different types of automatic voltage regulator	As study experiment.			Yes

Name of Course: Electrical Engineering Class- BE Sem-VIII

Subject:-Switchgear and Protection

Sr.	Experiment Title	Name of Equipment,	Quai	ntity	Whether expt.
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	can be conducted
1	To conduct and study of Arc extinction phenomenon: Application in air circuit breaker.	As a study experiment & Horn Gap Extinguisher kit	1	1	Yes
2	Study of relaying component and control circuit development	Switch gear testing kit MCB ,fuse wire	1	1	Yes
3	To conduct and plot the characteristic of rewirable fuses and MCB	Relay testing kit	1	1	Yes
4	To conduct and plot operating characteristics of Inverse time over current relay.	Microprocessor based over current relay	1	1	Yes
5	To conduct Over current & earth fault protection scheme for alternator.	Protection of three phase alternator kit	1	1	Yes
6	To conduct Protection of 3 phase transformer using differential relay (Merz- Price protection scheme)	Three phase transformer protection kit	1	1	Yes

7	Study of MHO distance relay	As a study experiment	1	1	Yes
	to plot. a) R- X diagram b)				
	Relay voltage Vs				
	Admittance characteristic.				
8	Study of Static relay.	As a study Experiment	1	1	Yes
9	Demonstration of	As a study experiment	1	1	Yes
	microprocessor base				
	protection.				

Name of Course: Electrical Engineering Class- BE Sem-VIII

Subject:- Power System Design & Practice

Sr.	Experiment Title	Name of Equipment,	Quan	tity	Whether expt. can be conducted
No		Machinery Instrument etc. Required to Conduct Experiment	Required	Available	
1	Draw the substation layout for 400KV.and design the three phase transmission line with electrical consideration.	Study & Drawing Sheets			Yes
2	Sag-Tension calculation	Study & Problem solving			Yes
3	Different busbar arrangement and isolating switches.	Study & Drawing Sheets			Yes
4	Different types of circuit breaker	Study & Drawing Sheets			Yes
5	Different types of Lightning Arresters	Study & Drawing Sheets			Yes
6	Design of Earthing system for 132/400KV substation	Study & Drawing Sheets			Yes

Item No.26

A) Facilities for conducting Practicals in the Laboratories

Name of Course:- E&TC Class:- F.E. Subject:- Basic Electrical & Electronics

Engineering Lab.

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to	Quantity		Whether expt can be
		Conduct Experiment	Require	Availabl	conducted
			d	e	
1	Diode	a. Multimeter	01	01	Yes
	Characteristics	b. Power Supply	01	01	
2	LED	a. Power Supply	01	01	Yes
	Characteristics	b. Multimeter	01	01	
3	BJT Q-point	a. Power Supply	01	01	Yes
	_	b. Multimeter	01	01	
4	Inverting &	c. Power Supply	01	01	Yes
	Non Inverting	a. Function Generator	01	01	
	amplifier using OPAMP	b. CRO	01	01	
5	Basic Logic	a. Multimeter	01	01	Yes
	Gates	b. Power Supply			
6	Introduction to	a. Etching Solution bottle	01	01	Yes
	PCB Design	b. Drilling machine	01	01	

A) Facilities for conducting Practicals in the Laboratories

Name of Course: E&TC Class:- S.E. Subject:- Digital System Design.

Name of the Department / Section :- Electronics and Telecommunication

Subject wise & laboratory wise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical

Sr. No.	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to Conduct	Quantity		Whether expt can be conducted
		Experiment	Required	Available	
			each	each	
1	Realization of Basic	a. IC	01	01	Yes
	Gates Using Discrete	7400,7402,7406,7432	01	01	
	components	b. Power supply	01	01	
		c. Bread board			
2	Binary- Gray code	d. IC 7486	01	01	Yes
	convertor.	e. Power supply	01	01	
		f. Bread board	01	01	
2	Four bit binary adder	a. IC 7483	01	01	Yes
	using IC 7483	b. Power supply	01	01	
		c. Bread board	01	01	

3	Four bit Magnitude	d. IC 7485	01	01	Yes
	Comparator using IC	e. Power supply	01	01	
	7485	f. Bread board	01	01	
5	Verification of	a. IC 74151 & 74154	01	01	Yes
	Multiplexer &	b. Power supply	01	01	
	Demultiplexer	c. Bread board	01	01	
6	J K, D and T Type	a. IC 7476	01	01	Yes
	Flip flop using	b. Power supply	01	01	
	IC7476	c. Bread board	01	01	
7	Decade Counter	a. IC 7490	01	01	Yes
	using IC 7490	b. Power supply	01	01	
		c. Bread board	01	01	
8	Four Bit UP/Down	a. IC 74191	01	01	Yes
	Counter using IC	b. Power supply	01	01	
	74191	c. Bread board	01	01	

Name of Course : E&TC Class:- S.E. Subject:- Electronic Devices and Circuits Lab

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practical's

S R	Name of Experiment	Name of Equipment, Machinery Instrument etc.		ntity	Whether expt can be
N		Required to Conduct	Required	Available	conducted
o		Experiment	each	each	
1	Q- point and Stability	a. Power supply	01	01	Yes
	factor of BJT	b. Multimeter	02	02	
2	Q- point of FET	a. Multimeter	02	02	Yes
	- 1	b. Power supply	01	01	
3	Input and output	a. Multimeter	04	04	Yes
	characteristics of	b. Power supply	02	02	
	transistor in CE				
	Configuration				
4	Drain and Transfer	c. Multimeter	03	03	Yes
	characteristics of FET in	d. Power supply	02	02	
	CS Configuration				
5	Frequency response of	a. Power Supply	01	01	Yes
	the Common Emitter	b. Function generator	01	01	
	BJT Amplifier	c. CRO	01	01	
6	Frequency response of	a. Power Supply	01	01	Yes
	the Common Source FET	b. Function generator	01	01	
	Amplifier	c. CRO	01	01	
7	Frequency response of	a. Power supply	01	01	Yes
	the CE-CE BJT	b. CRO	01	01	
	Amplifier	c. Function generator	01	01	
8	Frequency response of	a. Power supply	01	01	Yes
	the CE-CB BJT	b. Function generator	01	01	
	Amplifier	c. CRO	01	01	

Note:- For all above practical consumable component like capacitor, Inductor, Resistor, BJT,IC etc are required which is available as per requirement & the practicals are performed on Bread board

A) Facilities for conducting Practicals in the Laboratories

Name of Course: E.& TC Class:- S.E.

Subject:- Analog Circuits Lab

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to

perform prescribed Practicals

Sr.N	Experiment Title	Name of Equipment,	Qua	ntity	Whether
O		Machinery Instrument		Γ	expt can
		etc. Required to Conduct	Requir	Availab	be
	GROUP A	Experiment	ed each	le each	conducted
1	Cross over distribution & its	a) CRO,	01	01	Yes
	elimination.	b) Function Generator,	01	01	
		c) Dual Power Supply,	01	01	
		d) Digital multimeter	01	01	
2	Effect of feedback for current	a. Power Supply	01	01	Yes
	series configuration.	b. Function Generator	01	01	
		c. CRO	01	01	
3	Effect of partial feedback for	a. CRO	01	01	Yes
	voltage shunt configuration.	b. Function Generator	01	01	
		c. Power Supply	01	01	
4	Output and Frequency of RC	a. CRO,	01	01	Yes
	Phase Shift Oscillator.	b. Power supply	01	01	
			01	01	
			01	01	
5	OP-AMP as an Integrator &	a. Dual Power Supply	01	01	Yes
	Differentiator.	b. Function Generator	01	01	
		c. CRO	01	01	
6	OP-AMP as an Schmitt	a. Dual Power Supply	01	01	Yes
	trigger.	b. Function Generator	01	01	
		c. CRO	01	01	
7	OP-AMP Low Pass Filter.	a. Dual Power Supply	01	01	Yes
		b. Function Generator	01	01	
		c. CRO			
8	OP-AMP High Pass Filter.	a. Dual Power Supply	01	01	Yes
		b. Function Generator	01	01	
		c. CRO	01	01	
			01	01	

A) Facilities for conducting Practicals in the Laboratories

Name of Course:- E&TC Class:- S.E. Subject:- Programming Language Lab

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc.	Qua	ntity	Whether expt can be
		Required to Conduct	Require	Availabl	conducted
		Experiment	d	e	
1	Program to	a. PC	01	01	Yes
	demonstrate use of simple class and object.	b. Ubuntu 10.04	01	01	
2	Program to	a. PC	01	01	Yes
	demonstrate use of Parameterized Constructors	b. Ubuntu 10.04	01	01	
3	Program to	a. PC	01	01	Yes
	demonstrate use of	b. Ubuntu 10.04	01	01	
	Function				
	Overloading				
4	Program to	a. PC	01	01	Yes
	demonstrate use of	b. Ubuntu 10.04	01	01	
	Unary Operator				
	Overloading				
5	Program to	a. PC	01	01	Yes
	demonstrate use of Single Inheritance and multiple Inheritance	b. Ubuntu 10.04	01	01	
6	Program to	a. PC	01	01	Yes
	demonstrate use of	b. Ubuntu 10.04	01	01	
	Copy Constructor				
7	Program to	a. PC	01	01	Yes
	demonstrate use of	b. Ubuntu 10.04	01	01	
	Multilevel				
	Inheritance and				
	Hybrid Inheritance				
8	Program to	a. PC	01	01	Yes
	demonstrate use of	b. Ubuntu 10.04	01	01	
	Function Template				

Name of Course: E&TC Class:- S.E. Subject:- Electronics Network Lab
Name of the Department / Section: - Electronics and Telecommunication
Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.N	Experiment Title	Name of Equipment,	Quantity		Whether
0		Machinery Instrument etc.			expt can be
		Required to Conduct	Requir	Availabl	conducted
		Experiment	ed	e each	
			each		
1	Determine transfer /	Multimeters	01	01	Yes
	driving point Impedance	DRB	01	01	
	function of given two	Exprimental kit/Bread	01	01	
	port	Board			
	reactive network.	Power Supply	01	01	

2	Study of Series and	a. CRO	01	01	Yes
_	parallel resonance, find	b. Multimeters	01	01	105
	BW and Q- factor.	c. Function Genetator	01	01	
		d. Exprimental kit/Bread	01	01	
		Board	0.1	0.1	
3	Determine Z parameter of	e) Power supply	01	01	Yes
	networks connected in	f) Exprimental kit/Bread	01	01	
	series.	Board			
		g) Multimeters	01	01	
4	Determine Y parameter	a. Multimeter	01	01	Yes
	of networks connected in	b. Power supply	01	01	
	parallel.	c. Exprimental kit/Bread	01	01	
		Board			
5	Determine transmission	a. Multimeter	01	01	Yes
	parameter of networks	b. Power supply	01	01	
	connected in cascaded	c. Exprimental kit/Bread	01	01	
	form	Board			
6	Frequency response of	a. Function generator	01	01	Yes
	constant k- low pass	b. Exprimental kit/Bread	01	01	
	filters and find out cut of	Board			
	frequency.	c. CRO	01	01	
7	Design and Test m-	a. CRO	01	01	Yes
	derived low pass filter.	b. Function generator	01	01	
		c. Exprimental kit/Bread	01	01	
		Board			
8	Design and test	a. CRO	01	01	Yes
	symmetrical T- type	b. Power supply	01	01	
	attenuator	c. Exprimental kit/Bread	01	01	
		Board			
		d. Multimeters	01	01	
		e. Function generator	01	01	

Name of Course: E&TC Class:- S.E. Subject:- Analog & Digital Communication
Name of the Department / Section :- Electronics and Telecommunication
Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.N	Experiment Title	Name of Equipment,	Qua	ntity	Whether expt
o		Machinery Instrument etc.			can be
		Required to Conduct			conducted
	Group A	Experiment	Required	Available	
			each	each	
1	AM Modulator	a. Exp. Kit,	01	01	Yes
		b. CRO,	01	01	
		c. Function Generator,	02	02	
		d. Power Supply (Optional)	01	01	
2	AM Demodulator	e. Exp. Kit,	01	01	Yes
		f. CRO,	01	01	
		g. Function Generator,	02	02	
		h. Power Supply (Optional)	01	01	

3	FM Transmitter	a. Exp. Kit,	01	01	Yes
3	1 IVI Transmitter	<u> </u>			1 05
		b. CRO,	01	01	
		c. Function Generator,	01	01	
		d. Power Supply (Optional)	01	01	
4	FM Demodulator	a. Exp. Kit,	01	01	Yes
		b. CRO,	01	01	
		c. Power Supply	01	01	
		(Optional)	0.1	0.1	
5	Adaptive Delta	a. Kit	1	1	Yes
	Modulation	b. CRO	1	1	
6	Line Coding &	a. Kit	1	1	Yes
	decoding	b. CRO	1	1	
	C				
7	Frequency Shift	a. Kit	1	1	Yes
	keying	b. Functional Generator	1	1	
		c. CRO	1	1	
8	Binary Phase	a. Kit	1	1	Yes
l o	Shift Keying	b. CRO	1	1	105
	Sinit Keying	U. CRO	1	1	
9	Quadrature Phase	a. Kit	1	1	Yes
	Shift Keying	b. CRO	1	1	

A) Facilities for conducting Practicals in the Laboratories Name of the Course: E & TC Class:- T.E. Subje **Subject:- Microcontroller Lab.**

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.N	Experiment Title	Na	me of Equipment,	Qua	ntity	Whether expt
О		Ma	achinery Instrument			can be
		etc	. Required to Conduct			conducted
		Ex	periment	Require	Availabl	
				d	e	
1	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to flash LED.		kit			
		b.	Peripheral kits	1	1	
		c.	Power Supply	1	1	
2	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to display 0 to 9		kit			
	continuously on 7-	b.	Peripheral kits	1	1	
	Segment display	c.	Power Supply	1	1	
3	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of 4 X 4	b.	Peripheral kits	1	1	
	matrix Key-Board.	c.	Power Supply	1	1	
4	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of	b.	Peripheral kits	1	1	
	multiplexed 7-Segment	c.	Power Supply	1	1	
	display.					

5	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of Liquid	b.	Peripheral kits	1	1	
	Crystal display.	c.	Power Supply	1	1	
6	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of DAC.	b.	Peripheral kits	1	1	
		c.	Power Supply	1	1	
7	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of ADC.	b.	Peripheral kits	1	1	
		c.	Power Supply	1	1	
8	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	interfacing of Stepper	b.	Peripheral kits	1	1	
	Motor.	c.	Power Supply	1	1	
9	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	Serial data	b.	Peripheral kits	1	1	
	Transmission.	c.	Power Supply	1	1	
10	Write and Execute	a.	8085 microcontroller	1	1	Yes
	program to demonstrate		kit			
	Serial data Reception.	b.	Peripheral kits	1	1	
		c.	Power Supply	1	1	

Name of the Course: E & TC Class:- T.E. Subject:- Signals and System Lab.

Name of the Department / Section:- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.N	Experiment Title	Name of Equipment,	Qua	ntity	Whether expt
o		Machinery Instrument	Require	Availabl	can be
		etc. Required to	d	e	conducted
		Conduct Experiment			
1	Introduction to MATLAB	PC, MATLAB	01	01	Yes
		Software.			
2	Write a program for	PC, MATLAB	01	01	Yes
	different waveform	Software.			
	generation (Sin, cos,				
	Impulse, Unit step, ramp,				
	exponential).				
3	Write a program for user	PC, MATLAB	01	01	Yes
	defined functions for	Software.			
	signal operation.				
4	To compute convolution	PC, MATLAB	01	01	Yes
	of two signals and verify	Software.			
	its				
5	To compute linear	PC, MATLAB	01	01	Yes
	constant coefficient	Software.			
	difference equations				
6	To synthesize the periodic	PC, MATLAB	01	01	Yes
	signal using Fourier	Software.			
	series.				

7	То	compute	auto-	PC, MATLAB	01	01	Yes
	corre	lation and	cross-	Software.			
	corre	lation of two	signals				
	and v	erify its prop	erties.				
8	То	find	Laplace	PC, MATLAB	01	01	Yes
	Trans	form	-	Software.			

Name of Course: E.& TC Class:- T.E. Subject:- Electronics Measurement

Lab.

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.N o	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to	Quantity		Whether expt can be conducted
		Conduct Experiment	Require	Availabl	conducted
			d	e	
1	LCR Q-Meter	a. LCR Q meter Kit.b. Components.	01	01	Yes
2	Study of Digital	a. DMM Kit.	01	01	Yes
	Multimeter	b. Power Supply.	01	01	
		c. Function Generator& Componenets	01	01	
3	Frequency	c. CRO.	01	01	Yes
3	Counter	d. Digital Freq Counter.	01	01	103
	Counter	c. Function Generator.	01	01	
4	Study of Digital	a. Digital Tachometer.	01	01	Yes
	Tachometer	b. AC/DC Motor.			
5	Harmonic	a. Distortion factor meter.	01	01	Yes
	Distortion factor	b. CRO.	01	01	
	meter	c. Function Generator	01	01	
6	Study of	a. Spectrum Analyzer.	01	01	Yes
	Spectrum	b. Function Generator.	01	01	Yes
	Analyzer				
7	To study CRO	a. CRO.	01	01	Yes
		b. Function Generator.	01	01	
		c. Components.			
8	Digital storage	a. DSO.	01	01	Yes
	oscilloscope	b. Function Generator.	01	01	

A) Facilities for conducting Practicals in the Laboratories

Name of the Course: E & TC Class:- T.E. Subject:- Electronics Design Lab.

Name of the Department / Section: Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to

perform prescribed Practicals

Sr.N	Experiment Title	Name of Equipment,	Qua	ntity	Whether
О		Machinery Instrument etc.			expt can be
		Required to Conduct			conducted
		Experiment	Require	Availabl	
			d	e	
1	Design &	a. Designed Components	-	-	
	implementation	b. Multimeter	1	1	Yes
	of Regulated Power	c. CRO	1	1	
	Supply				
2	Design &Implementation	a. Designed Components	1	1	
	of single stage amplifier	b. Function gen	1	1	Yes
	using BJT / FET	c. Single P/S	1	1	
		d. Multimeter	1	1	
		e. CRO			
3	Design &Implementation	a. Designed Component	-	-	**
	of	b. Single P/S	1	1	Yes
	Single Tuned amplifier	c. Multimeter	1	1	
	using BJT / FET	d. Function Generator	1	1	
		e. CRO	1	1	
4	Design &	a. Designed Components	1	1	
	Implementation of	b. Single P/S	1	1	Yes
	Astable Multivibrator	c. CRO	1	1	
		d. Multimeter			
5	Design &	a. Designed Component	-	-	
	implementation of	b. Dual P/S	1	1	Yes
	Second order LPF/ HPF	c. Multimeter	1	1	
		d. Function Generator	1	1	
		e. CRO	1	1	
6	Implementation &	a. Designed Component	-	-	**
	Testing of	b. Dual P/S	1	1	Yes
	Designed Circuit on PCB	c. Multimeters	2	2	
		d. Function Generator	1	1	
		e. CRO	1	l	
		f. Etching Machine	1	1	
		g. Drilling Machine	1	1	
		h. UV Coating Machine	1	1	

Note :- For all above practical consumable component like capacitor, Inductor, Resistor, BJT,IC etc are required which is available as per requirement & the practicals are performed on Bread board

A) Facilities for conducting Practicals in the Laboratories

Name of the Course : E&TC Class: - T.E. Subject:- Power Devices and

Circuits Lab

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc.	Quantity	Whether expt can be
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		Required to Conduct Experiment	Required	Available	conducted
1	Triggoring circuits for	*	1	1	Yes
1	Triggering circuits for	a. Kit	1	l 1	res
	SCR using R, RC,	b. Multimeter	1	1	
	firing ckt	c. Powerscope, load(100w)	1	1	**
2	To study UJT	a. Kit	1	1	Yes
	triggering ckt	b. Multimeter	1	1	
		c. Powerscope, load(100w)	1	1	
3	Study of 1- φ full	a. Kit	1	1	Yes
	controlled bridge	b. Multimeter	1	1	
	converter with R & R-L	c. Powerscope	1	1	
	load				
4	Study of I- φ Half	a. Kit	1	1	Yes
	controlled Bridge with	b. Multimeter	1	1	
	R & R-L Load	c. Powerscope	1	1	
5	Study of step-up dc-dc	a. Kit	1	1	Yes
	converter	b. CRO	1	1	
6	Study of step-down dc	a. Kit	1	1	Yes
	-dc converter	b. CRO	1	1	
7	Study of Series	a. Kit	1	1	Yes
,	inverter	b. CRO	1	1	
		0. 0110		-	
8	Study of parallel	a. Kit	1	1	Yes
	inverter	b. Multimeter	1	1	
		c. CRO	1	1	
		d. load(25W)	1	1	
9	DIAC Characteristics	a. Kit	1	1	Yes
	2.710 Onaradionolido	b. DMM	1	1	1 20
		0. 211111	•	1	
10	Study of 1- ϕ AC	a. kit	1	1	Yes
	controller	b. CRO	1	1	- ••
	00111101101	c. Load(200 W)	1	1	
	1	C. Edua(200 11)	•	•	<u>l</u>

Name of the Course: E&TC Class:- T.E. Subject:- Control system Lab.

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment,	Quantity		Whether
		Machinery Instrument etc.	Required	Available	expt can be
		Required to Conduct			conducted
		Experiment			
1	Study of synchros to	a. Experimental Kit	01	01	Yes
	observe angular displacement	b. Multimeter	01	01	
2	Study of flow	a. Experimental Kit	01	01	Yes
	control using PID controller.	b. Multimeter	01	01	

3	Transient response	a. Experimental Kit	01	01	Yes
	of RLC electrical	b. Multimeter	01	01	
	network	c. CRO	01	01	
4	Study of stepper motor	Experimental Kit	-	-	Yes
5	Find zeta, wn &Mp of the response to unit step for given system	Matlab Software	-	-	Yes
6	Unit step response of second order syst.	Matlab Software	-	-	Yes
7	Sketch the Bode plot for given system	Matlab Software	-	-	Yes
8	Sketch the Nyquist plot for given system	Matlab Software	-	-	Yes

Name of Course: E&TC Class:- B.E. Subject:- VLSI Design.

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.	NAME OF PRACTICALS	Name of	Quan	tity	Whether
no.		equipments	Required	available	conducted
1	Simulation and Implementation Write VHDL code to realize all the logic gates.	a. Computer b. kit	01	01	Yes
2	Simulation and Implementation Write a VHDL program for the following combinational designs a. 2- bit comparator b. 3 to 8 decoder c. 4 to 1 multiplexer d. 4 bit binary to gray converter	a. Computer b. kit	01	01	Yes
3	Simulation and Implementation Write a VHDL code to describe the functions of a Full Adder Using all modeling styles.	a. Computer b. kit	01	01	Yes
4	Simulation and Implementation Develop the VHDL codes for the following flip-flops, SR, D, JK, T.	a. Computer b. kit	01	01	Yes
5	Simulation and Implementation Design 4 bit binary, BCD counters	a. Computer b. kit	01	01	Yes
6	Simulation and Implementation 8 – Bit Left / Right Shift Register.	a. Computer b. kit	01	01	Yes
7	Simulation and Implementation Write a model for 4 bit ALU using the schematic	a. Computer b. kit	01	01	Yes
8	Interfacing: Write VHDL code to control speed, direction of DC and Stepper motor	a. Computer b. kit	01	01	Yes

A) Facilities for conducting Practicals in the Laboratories Name of Course: E&TC Class:- B.E. Su **Subject:- Digital Signal Processing.**

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment,	Quant	ity each	Whether expt
		Machinery Instrument etc. Required to Conduct Experiment	Required Each	Available Each	can be conducted
1	To determine the response of the given system for step input signal.	a. Computerb. Code Composer StudioSoftware	01	01	Yes
2	To determine the response of the given system for Ramp input signal.	c. Computerd. Code Composer StudioSoftware	01	01	Yes
3	To determine the response of the given system for Impulse input signal.	e. Computer f. Code Composer Studio Software	01	01	Yes
4	To determine the response of given system for linear convolution between two sequences.	g. Computer h. Code Composer Studio Software	01	01	Yes

5	To determine the response of given system for Circular convolution between two sequences.	-	01	01	Yes
6	To determine the response of given system for discrete fourier transform	k. Computerl. Code Composer StudioSoftware	01	01	Yes
7	To determine the response of given system for Inverse discrete fourier transform	m. Computern. Code Composer StudioSoftware	01	01	Yes
8	To determine the response of given system for Z-transform	o. Computer p. Code Composer Studio Software	01	01	Yes
9	To study the DSP processor & generate the sinusoidal signal by using DSP Processor		01	01	Yes

Name of Course: E&TC Class:- B.E. Subject:- Radiation & Microwave Technique.

Name of the Department / Section :- Electronics and Telecommunication
Subjectwise & laboratorywise Lists of material machinery equipment & Inst

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to Conduct	_	antity ach	Whether expt can be conducted
		Experiment	Required	Available	
1	Active device (Gunn diode) characteristics measurement	a. Gunn diode set upb. VSWR meter	01	02	Yes
2	Active device (Reflex klystron) characteristics measurement	a. Reflex klystron set upb. CROc. VSWR meter	01	02	Yes
3	Study of fixed and variable Attenuator	a. Reflex klystron set upb. Fixed & variableattenuatorc. VSWR meter	01	02	Yes
4	Study of circulator and isolator	a. Reflex klystron set upb. Circulatorc. Isolatord. VSWR meter	01	02	Yes
5	Study of Microwave junction	a. Reflex klystron set upb. Magic Teec. VSWR meter	01	02	Yes
6	Study of directional coupler	e. Reflex klystron set upf. Directional couplerg. VSWR meter	01	02	Yes
7	Radiation pattern & Beamwidth of Horn Antenna	a. Horn antenna set upb. VSWR meter	01	02	Yes

8	Frequency &wavelength	a. Reflex klystron set up	01	02	Yes
	measurement of	b. VSWR meter			
	reactangular waveguide	c. CRO			
9	VSWR Measurement using	a. Reflex klystron set up	01	02	Yes
	Double Minima Method	b. VSWR meter			
		c. CRO			

Name of Course: E&TC Class:- B.E. Subject:- Fiber Optic Communication.

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to Conduct Experiment Required Available		Whether expt can be conducted	
1	Electrical Characteristics of LED	d. Power supply e. OFC Kit f. CRO g. Ammeter h. voltmeter	01	01	Yes
2	To Study Laser diode	a. Power supply b. OFC Kit c. CRO d. Ammeter e. voltmeter	01	01	Yes
3	Analog Transmission using LED source	a. Power supplyb. OFC Kitc. CRO	01	01	Yes
4	Digital Transmission using LED source	a. Power supplyb. OFC Kitc. CRO	01	01	Yes
5	Measurement of Numerical Aperture of optical fiber cable	a. Power supplyb. OFC Kitc. CROd. NA jig	01	01	Yes
6	Study of Losses in optical fibre.	 a. Power supply b. OFC Kit / plastic fiber c. CRO d. Bender for Bending loss 	01	01	Yes
7	Study of optic time domain reflectometer.	a. Power supplyb. OFC Kitc. CRO	01	01	Yes
8	Study of various optical connectors	a. OFC Kitb. CROc. SC,MT RJ, FDDIconnector	01	01	Yes

Name of Course : E&TC Class:- B.E. Subject:- Telematics.

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to

perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to Conduct	Quantity each		Whether expt can be conducted
		Experiment	Required	Available	
1	Study of Telephone Exchange	Visit to BSNL			Yes
2	Study of Mobile Hand Set Demonstrator Model.	Block diagram study		I	Yes
3	Study of Teleprinter Demonstrator Model.	Visit to BSNL			Yes
4	Study of FAX Machine Demonstrator Model.	Fax machine	01	01	Yes
5	Study of EPABX system	EPBX system	01	01	Yes
6	Study of subscriber Instrument set.	Subscriber Instrument set CRO	01	01	Yes
7	Study of cordless Telephone set Demonstrator Model.	Block diagram			Yes
8	Modem Demonstrator Model.	FSK Modeus kit CRO	01	01	Yes

A) Facilities for conducting Practicals in the Laboratories

Name of Course: E&TC Class:- B.E. Subject:- Embedded Systems.

Name of the Department / Section :- Electronics and Telecommunication Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr.No	Experiment Title	Name of Equipment, Machinery Instrument etc. Required to Conduct	Quantity each		Whether expt can be conducted
		Experiment	Required	Available	
1	C-programs for interrupts	a. Computer b. ARM 7 Kit	01 01	01 01	Yes
2	Program to demonstrate I2C Protocol.	a. Computer b. ARM 7 Kit	01 01	01 01	Yes
3	Program to interface LCD	a. Computer b. ARM 7 Kit	01 01	01 01	Yes
4	Program to demonstrate RF communication OR Program to implement AT	a. Computer b. ARM 9 Kit	01 01	01 01	Yes

	commands and interface of GSM modem				
5	Writing a scheduler / working with using RTOS for 4 tasks with priority. The tasks may be keyboard, LCD, LED etc. and porting it on microcontroller/ microprocessor.		01 01	01 01	Yes
6	Create two tasks, which will print some characters on the serial port, Start the scheduler and observe the behavior.	a. Computer b. ARM 7 Kit	01 01	01 01	Yes Yes
7	Program for exploration of (Process creation, Thread creation) using Embedded Real Time Linux	a. Computer b. ARM 7 Kit	01 01	01 01	Yes
8	Program for exploring Message Queues using Embedded Real Time Linux.	a. Computer b. ARM 9 Kit	01 01	01 01	Yes

Item No.

A) Facilities for conducting Practicals in the Laboratories

Name of Course:- E&TC Class:- B.E Subject:- Satellite & Mobile Communication.

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr. No	Name of Experiment	Name of Equipment	Quantity		Whether expt can be conducted
			Required	Available	
1	To Setup Active Satellite Link	a.DTH	01	01	YES
2	To Understand the Shape of Earth. Measurement of Latitude & Longitude	Demostration kit	01	01	YES
3	Study of Satellite Transponder	Demostration kit	01	01	YES
4	To Understand the Principle of PRN Code in GPS	Demostration kit	01	01	YES
5	Study of GSM Architechture	Demostration kit	01	01	YES

6	Study of GSM AT Commands	a.GSM Kit	01	01	YES
7	Study of Mobile Transmitter & Receiver	a.Demostration kit of Mobile TX & RX	01	01	YES
8	Study of Cordless Telephone	a.Cordless Telephone	01	01	YES

Item No.

A) Facilities for conducting Practicals in the Laboratories

Name of Course:- E&TC Class:- B.E Subject:- Satellite & Mobile Communication.

Name of the Department / Section :- Electronics and Telecommunication

Subjectwise & laboratorywise Lists of material, machinery, equipment & Instrument required to perform prescribed Practicals

Sr. No	Name of Experiment	Name of Equipment	Quantity		Whether expt can be conducted
			Required	Available	
1	To Setup Active Satellite Link	a.DTH	01	01	YES
2	To Understand the Shape of Earth. Measurement of Latitude & Longitude	Demostration kit	01	01	YES
3	Study of Satellite Transponder	Demostration kit	01	01	YES
4	To Understand the Principle of PRN Code in GPS	Demostration kit	01	01	YES
5	Study of GSM Architechture	Demostration kit	01	01	YES
6	Study of GSM AT Commands	a.GSM Kit	01	01	YES
7	Study of Mobile Transmitter & Receiver	a.Demostration kit of Mobile TX & RX	01	01	YES
8	Study of Cordless Telephone	a.Cordless Telephone	01	01	YES

<u>List of Experimental Setup – Term-I</u>

Name of Lab: - Lab no. 2/ Data Structure Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – I)	Embedded Systems	Writing basic C-programs for I/O operations.	The complete IDE, ARM7 board, with on board LED, PC with minimum 256k RAM
2	B.E. IT (Term – I)	Embedded Systems	Program to interface LCD.	The complete IDE, ARM7 board, with on board LED, 7- segment, PC with minimum 256k RAM
3	B.E. IT (Term – I)	Embedded Systems	Program to interface Keyboard and display key pressed on LCD.	The complete IDE, ARM7 board, with on board LED, PC with minimum 256k RAM
4	B.E. IT (Term – I)	Embedded Systems	Program to interface stepper motor.	The complete IDE, ARM7 board, with on board LED, PC with minimum 256k RAM, JTAG Debugger.
5	B.E. IT (Term – I)	Embedded Systems	Interfacing 4 x 4 matrix keyboards and 16 x 2 character LCD display to microcontroller /Microprocessor and writing a program using RTOS for displaying a pressed key.	The complete IDE, ARM7 board, with on board LED, PC with minimum 256k RAM
6	B.E. IT (Term – I)	Embedded Systems	Writing a scheduler / working with using RTOS for 4 tasks with priority. The tasks may be keyboard LCD, LED etc. and porting it on microcontroller/microprocessor.	The complete IDE, ARM7 board, with on board LED, GSM interface, PC with minimum 256k RAM
7	B.E. IT (Term – I)	Embedded Systems	Implement a semaphore for any given task switching using RTOS on microcontroller board.	The complete IDE, ARM7 board RTOS Support, with on board LED, 4 x 4 matrix keyboards and 16 x 2 character LCD display PC with minimum 256k RAM

8	B.E. IT (Term – I)	Embedded Systems	Create two tasks, which will print some characters on the serial port, Start the scheduler and observe the behavior.	The complete IDE, ARM7 board RTOS Support, with on board LED, LCD display PC with minimum 256k RAM, JTAG
Ì				Debugger.

Name of Lab: - Lab No. 3/ Programming Lab

Sr. No	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
1.	T.E. IT (Term – II)	Database Management System	Creating a sample database using any client server RDBMS package using SQL DDL queries. This will include constraints (Primary key, Foreign key, Unique, Not Null, and Check) to be used while creating tables.	PC, MySQL
2.	T.E. IT (Term – II)	Database Management System	SQL DML queries: Use of SQL DML queries to retrieve, insert, update and delete the database.	PC, MySQL
3.	T.E. IT (Term – II)	Database Management System	SQL Queries: The queries should involve SQL feature such as aggregate functions, group by, having, order by clause.	PC, MySQL
4.	T.E. IT (Term – II)	Database Management System	SQL Queries: The queries should involve Set Operations and Set Comparisons on the database.	PC, MySQL
5.	T.E. IT (Term – II)	Database Management System	Develop two tier architecture and use ODBC/JDBC connections to store and retrieve data from the database. You may consider any applications like employee management system, library management system etc.	PC, MySQL
6.	T.E. IT (Term – II)	Database Management System	Execute DDL statements which demonstrate the use of views. Try to update the base table using its corresponding view.	PC, MySQL
7.	T.E. IT (Term – II)	Database Management	Write a database trigger on Library table. The System	PC, MySQL

		System	should keep track of the records that are being updated or deleted. The old value of updated or deleted records should be added in Library_Audit table.	
8.	T.E. IT (Term – II)	Database Management System	Write a program to demonstrate different types of Join.	PC, MySQL

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – I)	Advanced Unix Programming	Implementation of file management in UNIX.	Ubuntu 14.04
2	B.E. IT (Term – I)	Advanced Unix Programming	A Program For Simulation of Unix Commands.	Ubuntu 14.04
3	B.E. IT (Term – I)	Advanced Unix Programming	Program to display user & system information in UNIX	Ubuntu 14.04
4	B.E. IT (Term – I)	Advanced Unix Programming	Program for process creation using fork() and vfork() function.	Ubuntu 14.04
5	B.E. IT (Term – I)	Advanced Unix Programming	Program for catching of Signals	Ubuntu 14.04
6	B.E. IT (Term – I)	Advanced Unix Programming	Program for Multithreading	Ubuntu 14.04
7	B.E. IT (Term – I)	Advanced Unix Programming	Program for Daemon Process	Ubuntu 14.04
8	B.E. IT (Term – I)	Advanced Unix Programming	Program for Inter process Communication using Pipe	Ubuntu 14.04

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for a simple class and object.	PC, Ubuntu, G++ compiler
2	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for parameterized constructor.	PC, Ubuntu, G++ compiler
3	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to find the area of rectangle, triangle and sphere using function overloading.	PC, Ubuntu, G++ compiler
4	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to overload binary operator using member function.	PC, Ubuntu, G++ compiler
5	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to overload binary + operator using member function for concatenation of two strings.	PC, Ubuntu, G++ compiler
6	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for virtual base classes.	PC, Ubuntu, G++ compiler
7	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to convert class type data to basic type data.	PC, Ubuntu, G++ compiler
8	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to format output using manipulators.	PC, Ubuntu, G++ compiler
9	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to read and write class objects from files.	PC, Ubuntu, G++ compiler
10	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for run time polymorphism using virtual Functions.	PC, Ubuntu, G++ compiler

Name of Lab: - Lab no. 5/ Operating System Lab

Sr. No	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
1.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Set Operations: Union, Intersection, Difference, Symmetric Difference	PC, TC Compiler
2.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Logical Operations Using Bitwise Operators	PC, TC Compiler
3.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Inter Conversion Of Number System	PC, TC Compiler
4.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Generation Of Permutations.	PC, TC Compiler
5.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Generation Of Combinations	PC, TC Compiler
6.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Binary Search	PC, TC Compiler
7.	S.E. IT (Term – I)	Discrete Mathematics Lab	Program For Implementation Of Prim's Algorithm	PC, TC Compiler
8.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Implementation Of Kruskal's Algorithm	PC, TC Compiler
9.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Implementation of Euclidean Algorithm	PC, TC Compiler
10.	S.E. IT (Term – I)	Discrete Mathematics Lab	A Program For Tree Operations	PC, TC Compiler

Name of Lab: - Lab No. 6/ Computer Network Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for a simple class and object.	PC, Ubuntu, G++ compiler
2	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for parameterized constructor.	PC, Ubuntu, G++ compiler
3	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to find the area of rectangle, triangle and sphere using function overloading.	PC, Ubuntu, G++ compiler
4	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to overload binary operator using member function.	PC, Ubuntu, G++ compiler
5	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to overload binary + operator using member function for concatenation of two strings.	PC, Ubuntu, G++ compiler
6	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for virtual base classes.	PC, Ubuntu, G++ compiler
7	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to convert class type data to basic type data.	PC, Ubuntu, G++ compiler
8	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to format output using manipulators.	PC, Ubuntu, G++ compiler
9	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program to read and write class objects from files.	PC, Ubuntu, G++ compiler
10	S.E. IT (Term – I)	Object Oriented Programming Lab	Write a program for run time polymorphism using virtual Functions.	PC, Ubuntu, G++ compiler

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – I)	Advanced Unix Programming	Implementation of file management in UNIX.	Ubuntu 14.04
2	B.E. IT (Term – I)	Advanced Unix Programming	A Program For Simulation of Unix Commands.	Ubuntu 14.04
3	B.E. IT (Term – I)	Advanced Unix Programming	Program to display user & system information in UNIX	Ubuntu 14.04
4	B.E. IT (Term – I)	Advanced Unix Programming	Program for process creation using fork() and vfork() function.	Ubuntu 14.04
5	B.E. IT (Term – I)	Advanced Unix Programming	Program for Inter process Communication using Pipe	Ubuntu 14.04
6	B.E. IT (Term – I)	Advanced Unix Programming	Program for catching of Signals	Ubuntu 14.04
7	B.E. IT (Term – I)	Advanced Unix Programming	Program for Daemon Process	Ubuntu 14.04
8	B.E. IT (Term – I)	Advanced Unix Programming	Program for Multithreading	Ubuntu 14.04

Name of Lab: - Lab no. 7/ Database Management Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	T.E. IT	Software	Study of UML	Study PC, Ubuntu,
1	(Term - I)	Engineering Lab		Umbrello
2	T.E. IT	Software	Library Management System	PC, Ubuntu, Umbrello
	(Term - I)	Engineering Lab		FC, Obuntu, Ombreno
3	T.E. IT	Software	Hospital Management System	PC, Ubuntu, Umbrello
3	(Term - I)	Engineering Lab		PC, Obuntu, Ombreno
4	T.E. IT	Software	Railway Reservation System	PC, Ubuntu, Umbrello
4	(Term - I)	Engineering Lab	-	re, obuntu, Ombreno
5	T.E. IT	Software	College Admission System	PC, Ubuntu, Umbrello
	(Term - I)	Engineering Lab	-	re, obuntu, Ombreno

Name of Lab: - Lab no. 8/ Software Engineering Lab

Sr. No	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
1.	B.E. IT (Term – I)	Android Programming Lab	Program to show use of UI elements	PC, Android Studio3.2
2.	B.E. IT (Term – I)	Android Programming Lab	Program to show demo of layouts	PC, Android Studio3.2
3.	B.E. IT (Term – I)	Android Programming Lab	Program to create Menus dialog box	PC, Android Studio3.2
4.	B.E. IT (Term – I)	Android Programming Lab	Program to show use of Intents	PC, Android Studio3.2
5.	B.E. IT (Term – I)	Android Programming Lab	Program to work with databases	PC, Android Studio3.2
6	BE IT (Term-I)	Android Programming Lab	Program to show how to use notifications	PC, Android Studio3.2

Sr. No.	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
A(1)	T.E. I.T	Web Programming	Develop a complete web page	PC, Win-7, IIS,
,	(Term – I) T.E. I.T	Lab	using HTML basic tags. Develop A web page using CSS,	Wamp Server.
A(2)	(Term – I)	Web Programming Lab	and Layout	PC, Win-7, IIS, Wamp Server.
A(3)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using JavaScript to demonstrate, if statement, ifelse statement and Switch statement	PC, Win-7, IIS, Wamp Server.
A(4)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using JavaScript to demonstrate, Alert box, Alert box with line breaks Confirm box and Prompt box	PC, Win-7, IIS, Wamp Server.
A(5)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using JavaScript to demonstrate, call a function, function with an argument, Function that returns a value	PC, Win-7, IIS, Wamp Server.
A(6)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using JavaScript to demonstrate use of loops.	PC, Win-7, IIS, Wamp Server.
A(7)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using JavaScript to demonstrate, Sort an array.	PC, Win-7, IIS, Wamp Server.
B (1)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using PHP to demonstrate, variables, echo/print, data types, string functions and operators.	PC, Win-7, IIS, Wamp Server.
B (2)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using PHP to demonstrate conditional statement and loops	PC, Win-7, IIS, Wamp Server.
B (3)	T.E. I.T (Term – I)	Web Programming Lab	Web server installation and configuration	PC, Win-7, IIS, Wamp Server.
B (4)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using PHP to demonstrate, date, file, cookies and sessions.	PC, Win-7, IIS, Wamp Server.
B (5)	T.E. I.T (Term – I)	Web Programming Lab	Design a web page using PHP to demonstrate MySQL connectivity.	PC, Win-7, IIS, Wamp Server.
B (6)	T.E. I.T (Term – I)	Web Programming Lab	Design a Website with the help of HTML and JavaScript/PHP (Commercial, Institute, Portal or decided jointly by the student and teacher).	PC, Win-7, IIS, Wamp Server.

<u>List of Experimental Setup – Term-II</u>

Name of Lab: - Lab no. 3/ Programming Lab

Sr. No	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
1.	T.E. IT (Term – II)	Database Management System	Creating a sample database using any client server RDBMS (Oracle/ Open Source Database) package using SQL DDL queries. This will include constraints (Primary key, Foreign key, Unique, Not Null, and Check) to be used while creating tables.	PC, MySQL
2.	T.E. IT (Term – II)	Database Management System	SQL DML queries: Use of SQL DML queries to retrieve, insert, delete and update the database created in experiment No. 1.	PC, MySQL
3.	T.E. IT (Term – II)	Database Management System	SQL Queries: The queries should involve SQL feature such as aggregate functions, Group by, having, order by the database created in experiment No. 1.	PC, MySQL
4.	T.E. IT (Term – II)	Database Management System	SQL Queries: The queries should involve SQL feature such as aggregate functions, Group by, having, order by the database created in experiment No. 1.	PC, MySQL
5.	T.E. IT (Term – II)	Database Management System	Screen Design and Report Generation: Sample Forms and reports should be generated using any front end tools	PC, MySQL
6.	T.E. IT (Term – II)	Database Management System	Write a program to demonstrate different types of Joins	PC, MySQL
7.	T.E. IT (Term – II)	Database Management System	Write a program to demonstrate use of Trigger	PC, MySQL
8.	T.E. IT (Term – II)	Database Management System	Write a program to demonstrate view.	PC, MySQL

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – II)	Data Warehousing and Mining	Develop a program to construct a multidimensional data model (Star, Snowflake or Fact constellations).	PC, MYSQL.
2	B.E. IT (Term – II)	Data Warehousing and Mining	Develop a program to implement data pre-processing techniques.	PC, WEKA Tool
3	B.E. IT (Term – II)	Data Warehousing and Mining	Implement Apriori algorithm for frequent item set.	PC, WEKA Tool
4	B.E. IT (Term – II)	Data Warehousing and Mining	Develop a program to extract association mining rules.	PC, WEKA Tool
5	B.E. IT (Term – II)	Data Warehousing and Mining	Develop a program for classification of data.	PC, WEKA Tool
6	B.E. IT (Term – II)	Data Warehousing and Mining	Develop a program for implementing one of the clustering techniques	PC, WEKA Tool

Name of Lab:-Lab no. 4/ Multimedia Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – II)	Computer Network Security Lab	Program for encryption and decryption of the message.	PC, Ubuntu, gcc
2	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Implement Encryption/Decryption using Ceaser Cipher.	PC, Ubuntu, gcc
3	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program for Encryption/Decryption using Rail Fence Technique.	PC, Ubuntu, gcc
4	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Simulate Diffie- Hellman Key Exchange.	PC, Ubuntu, gcc
5	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Implement Playfair Cipher.	PC, Ubuntu, Mozila Firefox

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	S.E. IT (Term – II)	Computer Organization and Architecture	Study of DOS and BIOS interrupts and 8086 assembly directives.	Ubuntu 14.04
2	S.E. IT (Term – II)	Computer Organization and Architecture	Program using MACO: Display personal information	Ubuntu 14.04
3	S.E. IT (Term – II)	Computer Organization and Architecture	Program for addition of two numbers using NEAR procedure.	Ubuntu 14.04
4	S.E. IT (Term – II)	Computer Organization and Architecture	Program for addition of two numbers using FAR procedure.	Ubuntu 14.04
5	S.E. IT (Term – II)	Computer Organization and Architecture	Program for multiplication of two numbers using NEAR procedure	Ubuntu 14.04
6	S.E. IT (Term – II)	Computer Organization and Architecture	Program for multiplication of two numbers using FAR procedure	Ubuntu 14.04
7	S.E. IT (Term – II)	Computer Organization and Architecture	Program for password verification.	Ubuntu 14.04
8	S.E. IT (Term – II)	Computer Organization and Architecture	Program for BCD addition	Ubuntu 14.04
9	S.E. IT (Term – II)	Computer Organization and Architecture	Program for generating Fibbonaci series	Ubuntu 14.04
10	S.E. IT (Term – II)	Computer Organization and Architecture	Program for BCD to HEX conversion.	Ubuntu 14.04

Name of Lab: - Lab no. 5/ Operating System Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	S.E. IT (Term – II)	IT Workshop Lab	Create one/two Dimensional Array.	Ubuntu 14.04, SciLab
2	S.E. IT (Term – II)	IT Workshop Lab	Insertion and Deletion of element in array.	Ubuntu 14.04, SciLab
3	S.E. IT (Term – II)	IT Workshop Lab	Perform arithmetic operation on array(Addition,Subtraction,Mu ltiplication,Division ,Exponentiation,Inverse,Transp ose,etc)	Ubuntu 14.04 SciLab
4	S.E. IT (Term – II)	IT Workshop Lab	Perform Relational and Logical operation on two matrix like a. Relational Operation- >,<,>=,<= b. Logical Operation - ~,&, ,XOR	Ubuntu 14.04 SciLab
5	S.E. IT (Term – II)	IT Workshop Lab	Write linear differential expression and round it to the nearest integer value using Round, Floor, Ceil and Fix operation.	Ubuntu 14.04 SciLab
6	S.E. IT (Term – II)	IT Workshop Lab	Using linear expression plot the a. Trigonometric function – sin(t),cos(t),tan(t),cot(t) ,sec(t),cosec(t). b. Logarithmic functions - log(A),log ₁₀ (A),Square root of A,Real nth root of A.	Ubuntu 14.04 SciLab
7	S.E. IT (Term – II)	IT Workshop Lab	Generating multiple and subplot for sine ,cos,square,triangular,etc.	Ubuntu 14.04 SciLab

8	S.E. IT (Term – II)	IT Workshop Lab	Creating a vector X with element ,Xn=(-1) ⁿ⁺¹ and adding up 100 element of the vector ,X And plotting the function ,x,x ³ (2n-1) ,e ^x and exp(x ²⁾ (A) A Rectangular Plot (B) A Semi log Plot (C) A log-log Plot	Ubuntu 14.04 SciLab
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Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – II)	Computer Network Security Lab	Program for encryption and decryption of the message.	PC, Ubuntu, gcc
2	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Implement Encryption/Decryption using Ceaser Cipher.	PC, Ubuntu, gcc
3	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program for Encryption/Decryption using Rail Fence Technique.	PC, Ubuntu, gcc
4	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Simulate Diffie- Hellman Key Exchange.	PC, Ubuntu, gcc
5	B.E. IT (Term – II)	Computer Network Security Lab	Write a Program to Implement Playfair Cipher.	PC, Ubuntu, Mozila Firefox

Name of Lab: - Lab no. 6/ Computer Network Lab

Si N	r. Io	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	1	S.E. IT	Data Structures &		Ubuntu 14.04
	L	(Term - II)	Algorithms Lab	Program for stack	Obulitu 14.04
2	,	S.E. IT	Data Structures &		Ubuntu 14.04
4	_	(Term - II)	Algorithms Lab	Program for Linear Queue	Obulitu 14.04
	2	S.E. IT	Data Structures &		Ubuntu 14.04
)	(Term - II)	Algorithms Lab	Program for Circular Queue	Obuntu 14.04

4	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Conversion of infix to postfix expression.	Ubuntu 14.04
5	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Conversion of postfix expression to infix expression	Ubuntu 14.04
6	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Implementation of doubly linked list insertion, deletion & searching	Ubuntu 14.04
7	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Implementation of various operations on binary search tree	Ubuntu 14.04
8	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Implementation of Quick sort	Ubuntu 14.04
9	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Implementation of Radix sort	Ubuntu 14.04
10	S.E. IT (Term – II)	Data Structures & Algorithms Lab	Implementation of Merge sort	Ubuntu 14.04

Sr. No	Year and Branch	Subject	Experimental Title	Name of Equipment, Software available to Conduct the Experiment
1.	T.E. I.T (Term – II)	Operating System Lab	Study of Commercial and Open Source Operating System	Ubuntu 14.04, Windows 7
2.	T.E. I.T (Term – II)	Operating System Lab	Program to Implement Command Interpreter using System Calls	Ubuntu 14.04, gcc
3.	T.E. I.T (Term – II)	Operating System Lab	Program for Implementation of Concepts of Threading	Ubuntu 14.04, gcc
4.	T.E. I.T (Term – II)	Operating System Lab	Program for Implementing CPU Scheduling Algorithms	Ubuntu 14.04, gcc
5.	T.E. I.T (Term – II)	Operating System Lab	Program for Memory Management Algorithms	Ubuntu 14.04, gcc
6.	T.E. I.T (Term – II)	Operating System Lab	Program to Implement Page Replacement Algorithms	Ubuntu 14.04, gcc
7.	T.E. I.T (Term – II)	Operating System Lab	Program for Bankers Algorithm	Ubuntu 14.04, gcc
8.	T.E. I.T (Term – II)	Operating System Lab	Program to Demonstrate Disk Scheduling	Ubuntu 14.04, gcc

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Name of Lab: - Lab no. 7 / Database Management System Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design ATM system using Structural and Behavioral UML diagram	PC, Ubuntu, Umbrello
2	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design College Admission Process using Structural and Behavioral UML diagram	PC, Ubuntu, Umbrello
3	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design Library Management System using Structural and Behavioral UML diagram.	PC, Ubuntu, Umbrello
4	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design Hospital Management System using Structural and Behavioral UML diagram.	PC, Ubuntu, Umbrello
5	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design Railway Reservation System using Structural and Behavioral UML diagram.	PC, Ubuntu, Umbrello
6	T.E. IT (Term – II)	Object Oriented Modelling & Design Lab	Design Hotel Management System using Structural and Behavioral UML diagram.	PC, Ubuntu, Umbrello

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	B.E. IT (Term – II)	Internet Security Lab	Implement Encryption/ Decryption using Ceaser Cipher.	PC, Ubuntu, gcc
2	B.E. IT (Term – II)	Internet Security Lab	Implement Diffie-Hellman Key Exchange Algorithm	PC, Ubuntu, gcc

3	B.E. IT (Term – II)	Internet Security Lab	Implementation of RSA Algorithm	PC, Ubuntu, gcc
4	B.E. IT (Term – II)	Internet Security Lab	Implementation of Digital Signature	PC, Ubuntu, gcc
5	B.E. IT (Term – II)	Internet Security Lab	Creation & Export of Digital Certificate	PC, Ubuntu, Mozila Firefox

Name of Lab: - Lab no. 8/ Software Engineering Lab

Sr. No	Year and Branch	Subject	Experiment Title	Name of Equipment, Software available to Conduct the Experiment
1	T.E. IT (Term – I)	Digital Electronics Lab	Verify the truth tables of logic gates OR, AND, NOT, NOR,	PC, CEDAR simulator
2	T.E. IT (Term – I)	Digital Electronics Lab	Design of 4 bit Gray to binary Code Converter.	PC, CEDAR simulator
3	T.E. IT (Term – I)	Digital Electronics Lab	Realization of adders and substractor using IC 7486 and 7404.	PC, CEDAR simulator
4	T.E. IT (Term – I)	Digital Electronics Lab	Realization of 2:4 decoder using basic gates.	PC, CEDAR simulator
5	T.E. IT (Term – I)	Digital Electronics Lab	Realization of 8:1 Mux using basic gates.	PC, CEDAR simulator
6	T.E. IT (Term – I)	Digital Electronics Lab	Verify the truth table of J-K, T, and D Flip-flops using ICs.	PC, CEDAR simulator
7	T.E. IT (Term – I)	Digital Electronics Lab	Verify 4-bit register using IC 7495	PC, CEDAR simulator
8	T.E. IT (Term – I)	Digital Electronics Lab	Verify Decade counter using IC 7490	PC, CEDAR simulator

Shram Sadhana Bombay Trust College of Engineering & Technology, Bambhori Equipment & Software Cost Information

Name of Department:- Mechanical Engineering

Sr.	Name of	Name of	Cost of	Cost of	Total Cost	Name of	Cost of	Cost of	Total Cost	Total Cost of	Total Cost of
No	Laboratory	Equipment	Equipment (UG)	Software (UG)	(UG)	Equipment	Equipmen t (PG)	Software (PG)	(PG)	Equip. (UG&PG)	Equip. &Software (UG&PG)
01	Computer Lab					Ansys Software (PG)		183750.00	183750.00		
						Mat Lab Software (PG)		316201.00	316201.00		
		Auto cad Software (UG)		182000.00	182000.00	(- 7			182000.00	401700.00	1083651.00
						Lenova Computer (PG)	195000.00		195000.00		
						H.C.L. Computer (PG)	206700.00		206700.00		
02	Tribology Lab					Tilting Pad Thrust Bearing	56133.00		56133.00		
						Friction & Wear Test Ring	100100.00		100100.00	210133.00	210133.00
						Friction in journal Bearing	53900.00		53900.00		
03	Heat Power Lab	Four cylinder Four Stroke Disel Engine	312503.00		312503.00					838503.00	838503.00
		Twin Cylinder Disel Engine	526000.00		526000.00						
04	MQC. Lab	Auto Colimeter	70000.00		70000.00					1439589.00	1439589.00
		Angle Dekkor	90000.00		90000.00					1459569.00	1433363.00

		Tool Maker	68000.00		68000.00				
		Microscope							
		Gear Test	134000.00		134000.00				
		Bench							
		Profile	66465.00		66465.00				
		Projector							
		Model							
		PPT-200							
		3D Co	1011240.00		1011240.00				
		ordinance							
		mear. Mc/							
		Arm Max							
05	TOM DOM Lab	Slip & Creep	54647.00		54647.00				
		measureme						F4C47.00	F4C47.00
		nt In Belt						54647.00	54647.00
		Drive							
06	Material Sci.	Metzer	50000.00		50000.00				
	Metallurgy	Binocular							
		Universal						450000 00	450000 00
		Microscope						158000.00	158000.00
		Microscope	108000.00		108000.00				
		CCTV MS-8							
07	CAD/CAM	Ideas		280000.00					
	Lab								
		AutoCAD200		290000.00					
		5							
		Intel Core	126164.00		126164.00			22244400	000444.00
		Computer						332114.00	902114.00
		HCL	127200.00		127200.00				
		Computer							
		Lenovo	78750.00		78750.00				
		Computer							
08	RAC Lab	Vapour	139116.00		139116.00				
		Absorption							
		system							
		Air	365000.00		365000.00			644116.00	644116.00
		Conditioning							
		Cycle Test							
		ICE	140000.00		140000.00				

		Plant Tutor						
09	IEDC Project	Solar Water Heating System	68000.00	68000.00			388711.00	
		Developmen t of Efficient Air Cooler	63178.00	63178.00				
		Sports Racing car	156533.00	156533.00				388711.00
		Investigation of factors affecting on performance of a thermoelect ric generator	101000.00	101000.00				
10	Auto Mobile Lab	Spare Part	51192.00	51192.00			- 102962.00 - 105402.00	102962.00
		Tyres AVT Tayres	51770.00	51770.00				
11	Mechatronics Lab	Trainers	51018.00	51018.00				105402.00
		Pneuinatic Actuator	54384.00	54384.00				105402.00

H. O. D. Mech. Engg. Dept.

DEPARTMENT OF MECHANICAL ENGG.

ABOVE RS. 50,000/- MAJOR EQUIPMENT LIST

SR.	NAME OF THE EQUIPMENT	QUANTITY.	AMOUNT
NO.			
01	Tilting Pad Thrust Bearing	01	56133.00
02	Friction & Wear Test Ring	01	100100.00
03	Friction in journal Bearing	01	53900.00
04	Four cylinder Four Stroke Disel Engine	01	312503.00
05	Twin Cylinder Disel Engine	01	526000.00
06	Auto Colimeter	01	70000.00
07	Angle Dekkor	01	90000.00
08	Tool Maker Microscope	01	68000.00
09	Gear Test Bench	01	134000.00
10	Profile Projector Model PPT-200	01	66465.00
11	3D Co ordinance mear. Mc/ Arm Max	01	1011240.00
12	Slip & Creep measurement Belt Drive	01	54647.00
13	Metzer Binocular Universal Microscope	01	50000.00
14	Microscope CCTV MS-8	01	108000.00
15	Ideas Software	07	280000.00
16	AutoCAD2005 Software	10	290000.00
17	Vapour Absorption system	01	139116.00
18	Air Conditioning Cycle Test	01	365000.00
19	ICE Plant Tutor	01	140000.00
20	Solar Water Heating System	01	68000.00
21	Model Air Cooler	01	63178.00
22	Sports Racing car	01	156533.00
23	Thermoelectric generator	01	101000.00
24	Spare Part	01	51192.00
25	Tyres AVT Tayres	01	51770.00
26	Trainers	01	51018.00
27	Pneuinatic Actuator	01	54384.00

DEPARTMENT OF MECHANICAL ENGG.

INVESTMENT IN LABORATORIES

No.	Name of the Laboratory	Investment in Rs.
01	Model Lab	48606
02	Heat Power Lab	1064731
03	RAC Lab.	752816
04	CAD/CAM Lab.	332115
05	Tribology Lab.	244937
06	Material Science & Metallurgy Lab.	434886
07	Heat Transfer Lab.	192952
08	Metrology Lab.	2112438
09	Theory of Machines Lab.	213469
10	Computer Lab.	613550
11	Mechatronics Lab.	105400
12	Automobile Engineering Lab.	227376
	Central Workshop	4535948
	Total :-	10879224

Dr. S. P. Shekhawat H.O.D. Mech. Engg. Dept.

DEPARTMENT OF BUSINESS ADMINISTRATION

Details of Major Equipments of Laboratory

NAME OF THE DEPARTMENT: - M.B.A.

Sr.No	Name of the laboratory/Workshop Detail	Major Equipment above 50,000/-
01	Computer Lab-01	-NIL- ·

Lab In charge H.O.D. (MBA)