

MANDATORY DISCLOSURE (2017-18)

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Babasheb Naik College of Engineering, Pusad – 445215, Dist. Yavatmal (M.S.)

I. Mandatory Disclosure

	Mandatory Disclosure	2017-18	
1	AICTE File No.	No.F.27-27/90-AICTE/US(PG)/6591	
2	Date & Period of last approval	Western/1-3323651741/2017/EOA 10 Apr. 2017 for session 2017-18	
3	Name of the Institution	Janata Shikshan Prasarak Mandal's Babasaheb Naik College of Engineering, Pusad	
	Address of the Institution	Karla Road, Pusad Dist. Yavatmal	
	City & Pin Code	Pusad. Pincode-445215.	
	State / UT	Maharashtra	
	Longitude & Latitude	19 ⁰ 54' 0" N 17 ⁰ 35' 0" E	
	Phone number with STD code	07233-245229	
	FAX number with STD code	07233-246316	
	Office hours at the Institution	10.00 am to 6.00 pm	
	Academic hours at the Institution	8.00 am to 5.45 pm	
	Email	bncpsd@rediffmail.com , principal@bncoepusad.ac.in	
	Website	www.bncoepusad.ac.in	
	Nearest Railway Station(dist in Km)	Nanded (110 Kms)	
	Nearest Air Port(dist in Km)	Nagpur (250 Kms)	
	Type of Institution	Private-Self Financed	
	Category (1) of the Institution	Non Minority	
	Category (2) of the Institution	Co-Ed	
4	Name of the organization running the Institution	Janata Shikshan Prasarak Mandal, Pusad	
	Type of the organization	Trust & Society	
	Address of the organization	Naik Bunglow, Karla Road, Pusad, Dist.Yavatmal (M.S.), Pincode-445204	
	Registered with	Public Trust Registration Office, AKOLA.	
	Registration date	16 September 1963	
	Website of the organization	http://www.jspmpusad.com	
5	Name of the affiliating University	Sant Gadge Baba Amravati University	
	Address	Near Tapovan, Amravati (M.S.) Pincode-444601	
	Website	http://www.sgbau.ac.in	

	Latest affiliation period	Permanent
6	Name of Principal / Director	Prof. Dr. H.B.Nanavala
	Exact Designation	Principal
	Phone number with STD code	07233-245229
	FAX number with STD code	07233-246316
	E-mail	bncpsd@rediffmail.com, principal@bncoepusad.ac.in
	Highest Degree	PhD
	Field of specialization	Mechanical Engg.

7	Governing Board Members		
	Sr.No.	Name of Trustees	Designation
	1	Shri. Jai S. Naik	Chairman
	2	Shri. S.M.Jadhao	Member
	3	Shri. D.S.Asegaonkar	Member
	4	Shri.N.B.Hirani	Member
	5	Shri V.D.Patil	Member
	6	To be Nominated by AICTE	
	7	To be Nominated by Amravati University, Amravati	
	8	To be nominated by the DTE, Maharashtra State Government	
	9	Mr Swapnil S Chavhan	Member (Educationist/Industrialist)
	10	Mr. Navin A Rathod	Member (Educationist/Industrialist)
	11	Prof. Dr. H B Nanwala	Member
	12	Prof. N.P.Jawarkar	Member
	13	Prof. Dr. H B Nanwala	Principal
	Frequency of meetings and date of last meeting: 2 Per Year 22/09/2015		

8	Academic Advisory Body		
	Sr.No.	Name of Member	Designation
	01	Shri. Jai S.Naik	President
	02	Shri. S.M.Jadhao	Rep. of Secretary
	03	Shri. A.S.Asegaonkar	Member
	04	Shri. N. B. Hirani	Member
	05	Prof J.B.Deshmukh	Teaching Staff Rep.
	06	Prof P.D.Dudhat	Teaching Staff Rep.
	07	Prof S.S.Asole	Teaching Staff Rep.
	08	Mr R.H. Bombatkar	Non-Teaching Staff Rep.
	Frequency of meetings and date of last meeting:2 per year 22/09/2015		

9	Organizational Chart			
10	Student feedback mechanism on Institutional Governance/faculty performance	Feedback over the performance of faculty from students is taken every semester on the basis of punctuality, presentation skills, preparation of lecture, course coverage, concepts and principles understandable, guidance, encouragement and motivation, etc. Suggestion boxes are kept at strategic locations for collecting student's suggestions/complaints which are checked at regular intervals and appropriate actions are taken.		
11	Grievance redressal mechanism for faculty, staff and students	<ul style="list-style-type: none"> - For faculty and staff Grievances redressal is done through teaching and non- teaching representatives of LMC/Governing body. - For students, grievance committee exists through which the student problems are solved. 		
12	Name of the Department	CIVIL ENGINEERING		
	Course	Civil Engineering		
	Level	UG		
	1st Year of approval by the Council	1993		
		2016-17	2015-16	2014-15
	Year wise Sanctioned Intake	120	120	120
	Year wise Actual Admissions	105	113	112
	Cut off marks- General quota	34.0%	26.60	34.66
	% Students passed with Distinction	23%	24%	33.33%
	% Students passed with First Class	40%	69%	53.7%

	Students Placed	06	17	13
	Average Pay package, Rs./Year	2.01LPA	2.2	1.9lacs
	Students opted for Higher Studies	02	02	03
	Accreditation Status of the course	----		
	Doctoral Courses	Yes, department is recognized as research center by Amravati University, Amravati, capacity of 15 students		
	Foreign Collaborations, if any	NA		
	Professional Society Memberships	Indian Water Works Association (IWWA) Indian Association for Water Pollution Control (IAWPC) Institute of Engineers (India) (IE(I)) Indian Society for Tech. Education (ISTE) Indian Society for Hydraulics (ISH) Institution of Public Health Engineers (IPHE) Institute of Valuers (India)		
	Professional activities	<ul style="list-style-type: none"> i. Expert Lectures by resource persons from industries, Professional & Academic institutes ii. Technical quiz iii. Group Discussion iv. Aptitude & Technical Test. v. Mock. Interview. vi. Industrial Visit. vii. Essay Competition viii. Extempore Competition ix. Debate Competition x. 10.Seminars 		
	Consultancy activities	Department as offered consultancy worth Rs. 691540.00		
	Grants fetched	MODROB scheme completed in all respect. A total grant received is Rs. 12.00 lac.		
	Departmental Achievements	<p><u>Departmental Achievements:</u> Department runs four year degree course in Civil Engineering, with an intake capacity of 120. The department also runs full time Post Graduation Course- M.E. in Structural Engineering with an intake capacity of 18. The department is equipped with well developed laboratories having modern equipment like Total Station, Loading Frame, Plate Load Test with Digital Proving Ring and Spectrophotometer. Recently department has purchased Compression Testing Machine having capacity 300 tons, Vane Shear Test</p>		

		<p>Apparatus and Permeability Test Apparatus. A separate Computer Laboratory having 40 numbers of PC's with Internet connection, Software's like STAD-Pro, ETABS, Estimator etc. & HP Design jet Plotter available in the department. All the laboratories of the department are recognized for Ph.D. work by Sant Gadge Baba Amravati University, Amravati.</p> <ul style="list-style-type: none"> • Department has received a grant of Rs. 12.0 lacs through AICTE under MODROB Scheme to purchase a Computerized Compression Testing Machine of capacity 500 tons. <p><u>Faculty Achievements:</u></p> <p><u>Publications</u></p> <p>Prof. S.H. Mahure</p> <ul style="list-style-type: none"> - Published paper in International Journal for Scientific Research & Development IJSRDV4I50428 "Cost Comparison Of R.C.C, Steel and Composite Structures" Volume: 4, Issue: 5, Page (s) 554-558, 1st August 2016, High Impact Factor - 2.39 - Published paper in International Journal for Research in Applied Science & Engineering Technology ISSN: 2321-9653 "High Strength Self-Compacting Concrete using Fly Ash" Volume 4 Issue VIII, Page (s) 489-497, August 2016, High Impact Factor - 5.969. - Published paper in International Journal for Scientific Research & Development "Study of Effects of Groundnut Shell Ash (GSA) on Fresh and Hardened Properties of Self Compacting Concrete" Volume: 4, Issue: 6, Page (s) 559-561, 1st September 2016, High Impact Factor - 2.39. - Published paper in International Journal for Innovative Research in Science, Engineering and Technology "Analysis and Design of Multi Storied Building Subjected to Seismic loading using Composite and RCC Structures". (IJRSET), Vol. 6, Issue 02, Page (s) 2152-2159, Feb. 2017, High Impact Factor - 6.209. - Published paper in International Journal for Scientific Research & Development Comparative Static Analysis of R.C.C and Composite Frame (IJSRD), Vol. 4, Issue 12,, Page 2321-0613, 2017, High Impact Factor - 2.39
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		<ul style="list-style-type: none"> - Published paper in International Journal IJSRDV4I50428 01/08/2016 on “Cost Comparison Of R.C.C, Steel And Composite Structures” - Published paper in International Journal Volume 4 Issue August 2016 on “High Strength Self-Compacting Concrete using Fly Ash” - <p>Dr. M.R. Vyavahare</p> <ul style="list-style-type: none"> - Published paper in International Journal of Engineering Research & Technology, vol. 5, Issue-9, on “Comparison of Strength of High Strength SCC using Rounded Course Aggregate & Angular Course Aggregate” <p>Dr. S.M. Mahajan</p> <ul style="list-style-type: none"> - Published 05 papers in International journals. <p>Published a paper in International Journal of Modern trend in Engineering & Research on “A Study on Strength Characteristics of BC Soil-Flyash Mixes”, ISSN 2393-8161</p> <p>Published a paper in International Journal Of Pure And Applied Research In Engineering And Technology On “Improvement In Unconfined Compression Strength Of Fly Ash Stabilized Bc Soil With Pet Fibres” 2319-507x</p> <p>Published a paper in International Journal of Research & Engineering, Science and Technology on “Effects of Fly ash on Engineering Properties of BC Soil” ISSN 2395-6453</p> <p>Published a paper in International Journal of Research & Engineering, Science and Technology on “Effects of Fly ash on Consistency Limits of BC Soil” ISSN 2395-6453</p> <p>Published a paper in International Journal of Research & Engineering, Science and Technology on “Performance of Polythene Reinforced Soil in CBR Test” ISSN 2395-6453</p> <p>Prof. S.D. Charkha</p> <p>Published paper in IJARIE, on Experimental investigation of HSC with partial replacement of Cement with bagasse ash.</p> <p>Published paper in International Journal of Advance</p>
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	<p>Research and Innovative Ideas in Education Volume 2 Issue 2 26/3/ 2016 pp 386-394 ISSN2395-4396 on “Experimental Investigation of HSC with Partial Replacement Of cement with Bagasse Ash”</p> <p>Published paper in International Journal of Advance Research and Innovative Ideas in Education Volume 2 Issue 2 30/4/ 2016 pp1761-1762 on “Improving English at school level”</p> <p>Prof. A.S. Shaikh</p> <ul style="list-style-type: none"> - Published paper in International Journal for Innovative Research in Science, Engineering and Technology “Analysis and Design of Multi Storied Building Subjected to Seismic loading using Composite and RCC Structures”. (IJIRSET), Vol. 6, Issue 02, Page (s) 2152-2159, Feb. 2017, High Impact Factor - 6.209. <p><u>Guest lectures & Workshops</u></p> <p>Dr. K. Ravi</p> <ul style="list-style-type: none"> - Advisor of International conference at Dr. R.G. IT&R, Amravati. - Expert lecture delivered at ASC, SGB, Amravati University. - Advisor for National Conference at College of Engineering at Akola <p>Prof. R.T. Pachkor</p> <ul style="list-style-type: none"> - Guest speaker in one day workshop “Environment & Human Right” on 15th Jan. 2017, organized by Vatsalabai Naik Mahila Mahavidyalaya, Pusad. - Technical expert in “On Wheel Carrier Fare” organized by MSBTE, Mumbai & Dr. Hirani, Institute of Polytechnic, Pusad, 10th & 11th Feb. 2017. - Expert lecture on Water Conservation at Dairy College, Pusad, on 22nd Feb. 2017. - Team leader, third party for the inspection of Jalyukta Shivar work of Pusad & Digras Tehsil. <p>Prof. S.I. Khan</p> <ul style="list-style-type: none"> - Attended one day workshop on “New Ph.D. ordinance 16”, organized by SGB, Amravati University, Amravati, on 26th Dec. 2016 <p><u>Ph.D. Awarded</u></p> <p>Dr. S.M. Mahajan Awarded Ph.D. in Civil Engineering from SGBAU, Amravati, in Feb. 2017</p> <p>Dr. M.R. Vyavahare</p>
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		<p>Awarded Ph.D. in Civil Engineering from SGBAU, Amravati, in Feb. 2017</p> <p>Dr. P.O. Modani</p> <p>Awarded Ph.D. in Civil Engineering from SGBAU, Amravati, vide notification no. 59/2016, dated 29.07.2016.</p> <p><u>Students Achievements:</u></p> <p>Following students have secured merit position in SGB Amravati University, Amravati.</p> <ol style="list-style-type: none"> 1. Mr. Kanhaiyya Kalmundale- First in merit 2. Ms. Shruti Sarage- Third in merit 3. Mr. Pratik Bhoyar- Ninth in merit
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Distinguished Alumni

S.N.	Name of Alumni	Designation	Address
1	Indrajeet Makin	Renowned Contractor	Chandigarh
2	N.R.Reddy	Sr.JAVA Architect	AT & T, narraravi@yahoo.com
4	Anil Dutt Vyas	Asst. Professor	MMNIT, Jaipur`
5	Devendra Raut	Director	Y.C.C. Polytechnic, Nagpur, Ph.No.0712- 2269827
6	Rakesh Upadhyay	Construction Manager	ACE Pipiline Contract Pvt.Ltd. Indore, updhyay72@rediffmail.com
7	Govind Ranjan	Chief Architect	Auroville
8	Manish Pillewar	Architect	Raipur
9	Satish Goyal	Buider & Developer	New Delhi
10	Pradip Taneja	Environmental Engineering Consultant	Jaipur

Name of the Department	CIVIL ENGINEERING		
Course	Structural Engineering		
Level	PG		
1st Year of approval by the	2010		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	18	18	18
Year wise Actual Admissions	02	00	11

Name of the Department	COMPUTER SCIENCE & ENGINEERING		
Course	Computer Science & Engineering		
Level	UG		
1st Year of approval by the Council	1995		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	60 + 60 (2 nd Shift)	60 + 60 (2 nd Shift)	60 + 60 (2 nd Shift)
Year wise Actual Admissions	56 +43	21+07	39+5
Cut off marks- General quota	12, 38 (CET)	23,60 (CET)	31.81
% Students passed with Distinction	3.85	7.04	6
% Students passed with First Class	46.45	54.43	90
Students Placed	29	77	20
Average Pay package, Rs./Year	2.0 lakhs	1.75 Lakhs	2.8 lakhs PA
Students opted for Higher Studies	04	07	04
Accreditation Status of the course	Accredited for three years from 15-03-2012		
Doctoral Courses	No		
Foreign Collaborations, if any	NA		
Professional Society Memberships	ISTE, IE(I)		
Professional activities	<ol style="list-style-type: none"> 1. Expert Lectures by resource persons form industries, Professional & Academic institutes 2. Technical quiz 3. Group Discussion 4. Aptitude & Technical Test. 5. Mock. Interview. 6. Software Competition 7. Essay Competition 8. Extempore Competition 9. Debate Competition 10.Seminars 		
Consultancy activities	Nil		
Grants fetched	Nil		
Departmental Achievements	<ol style="list-style-type: none"> 1. Laboratories of the Department are recognized by Shri Sant Gadge Baba Amravati University, Amravati for research work. 2. Department is ISO 9001-2015 Certified. 		

		<p>3. One Mini-Project under MHRD , New-Delhi is sanctioned by the UGC, New-Delhi.</p> <p>4. Department of Computer science & Engineering conducts 120 Hours Technical Training Program for Third Year and Final Year Students of Computer , Electronics and Information Technology on topic “ Logical C and C++ techniques”.</p> <p>5. organized a One Day Workshop on “Recent Trends in Software Testing” for the Diploma Students on 17/01/2016.</p> <p>6. conducts 01 Month Technical Training Program for Third Year Students of Computer and Information Technology on topic “ PHP,MYSQL - Spoken Tutorial, An Initiative of National Mission on Education through ICT, MHRD,Govt.of India, supported by IIT Bombay”.</p> <p>7. Department staff published 33 papers in reputed National and international referred journal’s.</p> <p>8. Department staff presented 11 papers in National and international Conferences.</p> <p>9. 24 staff of department participated in Short Term Training Program’s For improving their knowledge.</p> <p>10. 03 staff delivered an Expert Lecture at other institute in Short Term Training Program’s and for student’s.</p> <p>11. 04 faculty worked as Reviewer of paper’s ON Technical Committee.</p> <p>12. 01 faculty as a member of Computer Science Teacher Association , USA.</p> <p>13. 06 faculty completed their Post-Graduation (M.E.)</p> <p>14. 04 faculty registered for Ph.D.</p> <p>15. One 3rd Merit position in Amravati University S-2016 Examination</p> <p>16. Three student’s of Computer Sci. & Engineering stood 3rd , 5th and 7th merit respectively in University Merit 2017 Examination.</p> <p>17. Computer Science and Engineering Department organized two day workshop on “Android Application Development” in collaboration with Geekslab Technologies in association with AIESEC,IIT Delhi.</p> <p>18. Computer Science and Engineering Department organized One Day Training Programme on “ Project Development in Net Bins “ on 30/08/2015 for final year students of CSE & IT</p> <p>19. Computer Science and Engineering Department organized Three Day’s Workshop on “Big Data & Hadoop “ from 04 to 06 Sept., 2015 for student as well as staff of the department.</p> <p>20. 08 student’s participated in the workshop on “Home Automation using IOT” organized by Govt.College of Engineering , Amravati on February 4-5,2017.</p> <p>21. 56 student’s of department selected in campus recruitment drive in various companies / Firm’s.</p> <p>22. 1 staff of department successfully qualifies GATE</p>
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		<p>2016 Examination.</p> <p>23. 1 student of Final Yr. CSE successfully qualifies GATE 2016 Examination.</p> <p>24. Above 326 students from the department presented technical papers at various International & National technical paper contests including THRESHOLD held at BNCOE organized by our college.</p> <p>25. 01 student of final year computer successfully crack the GRE Examination with 326 / 340 marks & percentile 87.5 .</p> <p>26. The department student's has been participated in various competition's / program's held at other institute's.</p> <p>27. CCNA course is regularly conducted by the department for the benefit of students.</p> <p>28. with 03 Mou's with other institute / organization , students , Faculty and Staff of the department should be benefited.</p> <p>Dr.S.Y.Amdani</p> <ul style="list-style-type: none"> • Dr.S.Y.Amdani is refereeing Work as a Reviewer on Technical Program Committee for the 2014 IEEE Recent Advances and Innovations in Engineering (ICRAIE - 2014) and also as an associate Editor of International Journal of Pure and applied Research in Engineering and Technology. • Dr.S.Y.Amdani working as a Member of Computer Science Teacher Association(CSTA), USA and also as a Member of International Association for the Engineers (IAENG), Hong Kong. • Dr.S.Y.Amdani published a research paper entitled "Fast Block Based Motion Estimation Using Various Search Patterns", International Journal of Innovative technology and Exploring Engineering (IJITEE) ISSN : 2278-3075, Volume 4, Issue 7, December 2014. • Dr.S.Y.Amdani published a research paper entitled "A Study of Load Balancing in Cloud Computing using Cloud Partitioning and ACO ", International Journal of Engineering and Technical Research (IJETR) Volume-3, Issue-4, PP-333-335, April- 2015 • Dr.S.Y.Amdani published a research paper entitled "Grouping Based on Priority for Job Scheduling in Grid Computing", International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869 (O) 2454-4698 (P), Volume-3, Issue-7, July 2015 • Dr.S.Y.Amdani published a research paper entitled "Grid Computing: Software Environments & Algorithmic Techniques ", International Journal of Science & Technology, Vol.6 Issue 2 , ISSN No.: 2250-141X, April 2016
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	<ul style="list-style-type: none"> • Dr.S.Y.Amdani published a research paper entitled “A Driving Events Recognition System : A overview ”, International Journal of Advancement in Engineering Technology, Management & Applied Science , Vol.3,Issue 5 , ISSN No.: 2349-3224 May 2016 • Dr.S.Y.Amdani published a research paper entitled "Scheduling jobs strategies for grid computing: A review ", International Journal of Advancement Technology & Engineering, exploration , Vol.3,Issue 19 , ISSN No.: 2394-5443 May 2016 • Dr.S.Y.Amdani published a research paper entitled “Scheduling Real – Time task using dynamic Preemption Threshold”, in proceeding ICTCS’16 proceedings of the Second International conference on Communication and Information Technology for Competitive Strategies , Article No.97 ,Udaipur ,INDIA , ISBN No.: 978-1-4503-3962-9 Mar, 04-05, 2016 • Department of Computer science & Engineering and Information Technology conducts 120 Hours Technical Training Program for Third Year and Final Year Students of Computer , Electronics and Information Technology on topic “ Logical C and C++ techniques” under the guidance of Dr.S.Y.Amdani. <p>Prof.S.T.Khandare</p> <ul style="list-style-type: none"> • Prof.S.T.Khandare attended One Week TEQIP Sponsored STTP On “ LaTeX- Article and Report Writing” at Govt.College of Engineering, Karad during 09-13 May, 2016. • Prof.S.T.Khandare attended One Day workshop on Computing Curricula – Vision 2020 (Restructuring Syllabus)”, PG Deptt. of CSE ,SGBAU, Amravati, 23 December 2016 sponsored by BOS, CSE SGBAU Amravati. <p>Prof. S.S.Asole</p> <ul style="list-style-type: none"> • Prof. S.S.Asole mini-project under MHRD, New Delhi namely “An efficient mobility management and smart routing for mobile adhoc network” is sanctioned by the UGC, New Delhi and also is permitted to work out in our college. For this project, UGC also sanction the grant to work out in the college. • Prof. S.S.Asole applied for Ph.D at Sant Gadge Baba
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		<p>Amravati University, Amravati.</p> <ul style="list-style-type: none"> • Prof.S.S.Asole published a paper entitled “Comparative Analysis and Performance Evaluation of MANET Routing Protocol” in International Journal of Computer Science and Mobile Computing December 2014 Publication, Volume 3, Issue 12, ISSN No. 2320-088X • Prof. S.S.Asole published a research paper entitled “An Overview of Cloud Computing and Security Issues”, International Journal of Innovative Science Modern Engineering(IJISME)’ ISSN: 2319-6386(Online),vo.4,issue-6,p.p 16-19 , June-2016 • Prof. S.S.Asole published a research paper entitled “Analysis of Manet Routing protocol Using Mobility & Traffic Models”, INTERNATIONAL Journal of Engineering Research- ONLINE(IJOER) , ISSN 2321-7758 , 2016 • Prof. S.S.Asole published a research paper entitled “Analysis of Mobility Models USING ROUTING PROTOCOLS”, Imperial Journal of Interdisciplinary Research, ISSN 2454-1362 , 2016 • Prof.S.S.Asole presented a paper titled "Performance Analysis of Mobility Models using Routing Protocols ", International Conference Jaipur on 23-25 December 2016 • Prof S.S.Asole has delivered an Expert Lecture on “Computer Networking” on 28/02/2017 in Information Technology Department of Dr.N.P.Hirani Institute of polytechnic , Pusad • Prof S.S.Asole worked as a paper reviewer at JDIT , Yavatmal. <p>Prof.P.H.Pawar</p> <ul style="list-style-type: none"> • Prof.P.H.Pawar has participated in the One Week TEQIP-Short Term Training Programme On “Statistical Techniques for Data Analysis in Research (STEDAR-2014) during June 09-13, 2014, Sponsored by Technical Education Quality Programme (TEQIP Phase II) at Department of Civil Engineering,Government College of Engineering,Aurangabad. • Prof.P.H.Pawar published a research paper entitled “"Use of Automotive Security System in Real Time Decline of Car Theft ", International Journal of Pure & Applied Research in Engineering & Technology . April-
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		<p>2015</p> <ul style="list-style-type: none"> • Prof.P.H.Pawar published a research paper entitled “ Survey on Different Fire and Smoke Detection Techniques using Image Processing”, International Journal of Engineering & Research- ONLINE(IJOER) ISSN:2321-7758 , Vol.4, Issue No.2 Year- Apr-2016,PP.-425-431 • Prof.P.H.Pawar published a research paper entitled “ Forgery Detection in Video Using Watermarking : A Review”, International Journal of Computer Science & Information Technologies ISSN:0975-9646 , Vol.7, Issue No.1 Year- Feb-2016, PP.-270-274 • Prof.P.H.Pawar presented a paper titled " Use of Automotive Security System in Real Time Decline of Car Theft ", 3rd International Conference On Emerging Trends & Research in Engineering & Technology organized by IBSS College of Engigeering ,Amravati on 6th & 7th April 2015 • Prof.P.H.Pawar attended ISTE Sponsored one week workshop on “Theory of Computation & it’s Application”, organized by G.H.Raisoni Institute of Engineering & Technology for women, Nagpur on 23-27 November, 2015. • Prof.P.H.Pawar presented a paper titled "Forgery Detection in Video Using Watermarking ", National Conference Pune on 3rd July 2016 • Prof.P.H.Pawar, attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. • Prof.P.H.Pawar attended One Day workshop on Computing Curricula – Vision 2020 (Restructuring Syllabus)”, PG Deptt. of CSE ,SGBAU, Amravati, 23 December 2016 sponsored by BOS, CSE SGBAU Amravati. <p>Prof.P.A.Bhalge</p> <ul style="list-style-type: none"> • Prof. P.A.Bhalage applied for Ph.D at Sant Gadge Baba Amravati University, Amravati. • Prof.P.A.Bhalage published a research paper entitled “Fast Block Based Motion Estimation Using Various Search Patterns”, International Journal of Innovative technology and Exploring Engineering (IJITEE) ISSN :
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		<p>2278-3075, Volume 4, Issue 7, December 2014.</p> <ul style="list-style-type: none"> • Department of Computer Science & Engineering and Information Technology organized a One Day Workshop on “Recent Trends in Software Testing” for the Diploma Students on 17/01/2016. Prof.G.B.Regulwar co-ordinate the training along with Prof. P.A.Bhalge, Prof.M.M.Ahmed . • Prof.P.A.Bhalge published a research paper entitled “A survey on Motion Estimation Using Adaptive Weighted Mean Filter”, International Journal of science Technology & Engineering Vol.2,Issue 08 , ISSN No.: 2349-784X Feb.2016 <p>Prof.G.B.Regulwar</p> <ul style="list-style-type: none"> • Department of Computer Science & Engineering and Information Technology organized a One Day Workshop on “Recent Trends in Software Testing” for the Diploma Students on 17/01/2016. Prof.G.B.Regulwar co-ordinate the training. • Prof.G.B.Regulwar published a research paper entitled “ A Review on Code Cleanup and Code Standard Refactoring”, International Journal of Current Engineering and Technology ISSN: 2347-5161 Vol.5,No.4, Aug-2015. • Prof.G.B.Regulwar presented a paper titled " A Review of Agile Methodology in Software Development ", 4th International Conference on Business Intelligence,Analytics and Knowledge Management organized by IFHE, Hyderabad 17-18, December-2015 • Prof.G.B.Regulwar register for Ph.D. • Prof.G.B.Regulwar attended One Day workshop on Computing Curricula – Vision 2020 (Restructuring Syllabus)”, PG Deptt. of CSE ,SGBAU, Amravati, 23 December 2016 sponsored by BOS, CSE SGBAU Amravati. • Prof.G.B.Regulwar, attended CSI, ISTE and IETE sponsored One Day workshop on “New Ordinance 2016 on Ph.D”, Deptt. of CSE ,SGBAU, Amravati, 27 December 2016 . • Prof.G.B.Regulwar attended TEQIP-II sponsored Three Days workshop on “Simulation of Wireless Networks using NS2”, organized by JNTUH COLLEGE OF
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		<p>ENGG. HYDERABAD during 26-28 May,2016.</p> <p>Prof.P.B.Pawar</p> <ul style="list-style-type: none"> • Prof.P.B.Pawar, attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. • Prof.P.B.Pawar, attended CSI, ISTE and IETE sponsored One Day workshop on “New Ordinance 2016 on Ph.D”, Deptt. of CSE ,SGBAU, Amravati, 27 December 2016 . <p>Prof.A.D.Chavhan</p> <ul style="list-style-type: none"> • Prof.A.D.Chavan Published a paper entitled “Comparative Analysis and Performance Evaluation of MANET Routing Protocol” in International Journal of Computer Science and Mobile Computing December 2014 Publication, Volume 3, Issue 12, ISSN No. 2320-088X <p>Prof.S.R.Jadhao</p> <ul style="list-style-type: none"> • Prof. S.R.Jadhao applied for Ph.D at Sant Gadge Baba Amravati University, Amravati. • Prof.S.R.Jadhao participated in Two Days Workshop on “Outcome based Accreditation (New NBA 2013 Format –Tier II) for Under graduate Engineering Programme” held during 13th -14th December 2014 organised by S.S.G.M.College of Engineering, Shegaon. • Prof. S.R.Jadhao published a research paper entitled “"Grouping Based on Priority for Job Scheduling in Grid Computing", International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869 (O) 2454-4698 (P), Volume-3, Issue-7, July 2015 • Prof. S.R.Jadhao published a research paper entitled " An Overview Of Grid Computing Security Issues ", International Journal of Engineering Research-Online,vol.3,Issue 2,ISSN:2321-7758,April-2015. • Prof. S.R.Jadhao published a research paper entitled " Grid Computing Scheduling Jobs Based on Priority Using Backfilling ", International Journal of Electrical Electronics & Computer Science Engineering Volume 2, Issue 2 (April, 2015), ISSN : 2348-2273.
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		<ul style="list-style-type: none"> • Prof. S.R.Jadhao published a research paper entitled " SURVEY OF JOB GROUPING BASED SCHEDULING IN GRID COMPUTING ", INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCH IN ENGINEERING AND TECHNOLOGY,IJPRET, 2015; Volume 3 (9): 234-242,ISSN: 2319-507X • Prof. S.R.Jadhao published a research paper entitled "Securing Privacy of Data in E-Marketing Against Malicious User", International Journal of Innovative Science and Modern Engineering (IJISME) ISSN: 2319-6386, Volume-3 Issue-8,Page No.1 - 5 July. • Prof.S.R.Jadhao published a research paper entitled "Grid Computing: Software Environments & Algorithmic Techniques ", International Journal of Science & Technology, Vol.6 Issue 2 , ISSN No.: 2250-141X, April 2016 • Prof.S.R.Jadhao published a research paper entitled "Scheduling jobs strategies for grid computing: A review ", International Journal of Advancement Technology & Engineering, exploration , Vol.3,Issue 19 , ISSN No.: 2394-5443 May 2016 • Prof.S.R.Jadhao presented a paper titled "Novel Hybrid Cost-Priority based Scheduling in Cloud Environment ", International Conference Jaipur on 23-25 December 2016 • Prof.S.R.Jadhao attended One Week TEQIP Sponsored STTP On " LaTeX- Article and Report Writing" at Govt.College of Engineering, Karad during 09-13 May, 2016. • Prof.S.R.Jadhao, attended CSI, ISTE and IETE sponsored One Day workshop on "New Ordinance 2016 on Ph.D", Deptt. of CSE ,SGBAU, Amravati, 27 December 2016 . <p>Prof.A.A.Mahamune</p> <ul style="list-style-type: none"> • Prof. Ms.A.A.Mahamune Completed her M.E in Computer Science & Engineering, From Sant Gadge Baba Amravati University,Amravati • Prof.A.A.Mahamune of Computer Department successfully qualifies GATE 2016 Examination. • Prof.Ms.A.A.Mahamune attended ISTE Sponsored Two week workshop on "Research Methodology,Analysis &
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		<p>Paper Writting”, organized by Jawaharlal Darda College of Engineering and Technology, Yavatmal during 6-4-2015 to 15-04-2015.</p> <ul style="list-style-type: none"> • Prof.Miss.A.A.Mahamune,attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. <p>Prof.B.L.Agashe</p> <ul style="list-style-type: none"> • Prof.B.L.Agashe presented a paper titled " A Review of Real Time Transaction Scheduling using Preemptive Threshold ", 3rd International Conference On Emerging Trends & Research in Engineering & Technology organized by IBSS College of Engineering ,Amravati on 6th & 7th April 2015 • Prof.Ms. B.L.Agashe attended ISTE Sponsored Two week workshop on “Recent Trends & Development in Cloud Computing”, organized by Jawaharlal Darda Institute of Engineering & Technology ,Yavatmal on 14-26 October 2015. • Prof. Ms.B.L.Agashe Completed his M.E in Computer Science & Engineering, From Sant Gadge Baba Amravati University,Amravati • Prof.Miss B.L.Agashe, attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. • Prof.Miss. B.L.Agashe attended One Week workshop on “Research Methodology”,organized by VNIT , Nagpur on 16-22 May 2016 <p>Prof.K.D.Bodhe</p> <ul style="list-style-type: none"> • Prof. K.D.Bodhe Completed his M.E in Computer Science & Engineering, From Swami Ramanand Teerth Marathwada University, Nanded. <p>Prof.R.M.Bodhakhe</p> <ul style="list-style-type: none"> • Prof. Ms.R.M.Bodkhe Completed his M.E in Computer Science & Engineering, From Sant Gadge Baba Amravati University,Amravati. <p>Prof.S.B.Chavhan</p>
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	<ul style="list-style-type: none"> Prof. Ms.Surekha B. Chavan Completed her M.E in Computer Science & Engineering, From Sant Gadge Baba Amravati University,Amravati <p>Mr.R.T.Kaple</p> <ul style="list-style-type: none"> Mr.R.T.Kaple registered Ph.D. in SGB Amravati University, Amravati.
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DISTINGUISHED ALUMNI

S.N.	Name of Alumni	Designation	Address
1	Mr. V. Rajanna	General Manager	Tata Information Technology Co Ltd. Hangchou Branch (Shanghai)
2	Mr. Vivek Dwivedi	Country Manager	HP Marketing,India New Delhi
3	Dr. C. H. Hota	Associate Professor	BITS, Hyderabad
4	Mr.Charanjeet Singh Manhas	CEO & Founder, Tekstrom, Inc.	Newyork,Delaware,USA
5	Dr. Mohd. Husain	Director	M.G.Institute of Management & Technology,Lucknow
6	Dr. Girdhari Singh	Associate Professor	MNIT, Jaipur
7	Mr. Vinod Atal	Project Manager	TCS, Pune
8	Mr.Balram Chinta	Senior Technical Architect	U.S.
9	Dr.Debmalya Biswas	Project Manager	Lausanne,Switzerland
10	Mr. Sanjay Narang	Senior Account Manager	Oracle,Noida

Name of the Department	COMPUTER SCIENCE & ENGINEERING		
Course	Computer Science & Engineering		
Level	PG		
1st Year of approval by the Council	2011		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	18	18	18
Year wise Actual Admissions	03	06	16

Name of the Department	ELECTRONICS & TELECOMMUNICATION ENGINEERING		
Course	Electronics & Telecommunication		
Level	UG		
1st Year of approval by the Council	1993		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	120	120	120
Year wise Actual Admissions	11	11	27
Cut off marks- General quota	53	39.34	12.070
% Students passed with Distinction	--	6.54%	4.71%
% Students passed with First Class	67.52%	92.52%	94.12%
Students Placed	32	63	27
Average Pay package, Rs./Year	1.95 lakhs	1.8 lakhs	1.8lakhs
Students opted for Higher Studies			4
Accreditation Status of the course	Was accredited up to 15 th march 2015. Applying for NAAC accreditation – proposal ready		
Doctoral Courses	15 seats for research work		
Foreign Collaborations, if any	No		
Professional Society Memberships	ISTE, IE(I) , IEEE, IETE, ISOI		
Professional activities	Event	Duration	
	Prof. Dr. R. J. Bhiwani (Vice-Chairman, IETE Yavatmal sub-centre) worked as Advisory Committee member and Prof. Dr. Vasif Ahmed was judge at Poster Paper Presentation Event for IETE West Zone seminar at JDIET, Yavatmal	17 th March 2018	
	Department organized a one week ISTE Approved STTP On “ Soft Computing Techniques ” Dr. R. J. Bhiwani was the co-ordinator for this STTP. 38 participants attended the STTP. Dr. N. P. Jawarkar, Dr. R. J. Bhiwani, Dr. A. N. Gaikwad, Dr. S. N. Dandare and Dr. N. A. Charaniya delivered expert lectures along with practical in this STTP.	26 th to 31 st December, 2016.	
Department organized ISTE Approved and Entuple Technologies supported STTP on “ RF and Microwave Applications : Design Simulation and Measurements ” Dr. A. N. Gaikwad was the co-ordinator for this STTP. 22 participants attended the STTP. Pavan Varanasi, Application	2 to 7 May 2016.		

	<p>Manager, Rohde & Schwarz India, K Kaviarasu, Application Engineer, Entupe Technology and Mr. V. Karthick, Design Engineer, Finetuning Academy from industry delivered lectures in this STTP. Dr. Ghosh, Dr. Rishi Prakash and Mr Jagannath Malik from IIT Roorkee delivered lectures and undertook practical sessions in this STTP.</p>	
	<p>One week workshop on “ Embedded System” by Prolific System ,Nagpur.</p>	<p>22nd to 27th June 2015</p>
	<p>TI University two day Workshop on “Introduction to TIVA-ARM cortex M4 Microcontroller”.</p>	<p>19th – 20th June 2015</p>
	<p style="text-align: center;">Title of Expert Lecture</p>	<p style="text-align: center;">Date</p>
	<p>Dr. S. N. Dandare delivered expert lecture on “Introduction to Analog IC” in Awareness Program for 2nd, 3rd & 4th Year BE Students of Babasaheb Naik College of Engineering, Pusad</p>	<p>9th Feb. 2017</p>
	<p>Dr. N. P. Jawarkar delivered expert lecture on “Introduction to MATLAB” in the training programme organized for PG students in P.N. College Pusad</p>	<p>23rd January 2017.</p>
	<p>Dr. N. P. Jawarkar delivered expert lectures on “Artificial Neural Networks, its Applications” and “Genetic Algorithms” in ISTE approved one week STTP on “Soft Computing Techniques”</p>	<p>26th to 31st December 2016.</p>
	<p>Dr. R. J. Bhiwani delivered expert lectures on “Fuzzy Logic and its Applications” in ISTE approved one week STTP on “Soft Computing Techniques”</p>	
	<p>Dr. A. N. Gaikwad delivered expert lectures on “Introduction to MATLAB and Simulink” in ISTE approved one week STTP on “Soft Computing Techniques”</p>	
	<p>Dr. N. A. Charaniya delivered expert lectures on “Application of ANN for Rainfall Detection”, in ISTE approved one week STTP on “Soft Computing Techniques”</p>	

	Dr. R. J. Bhiwani delivered lecture to Final yr. Electronics students on topic “Tips for Delivering Seminars”	12 th September, 2016.															
	Dr. R. J. Bhiwani delivered Expert lecture to Final yr. Electronics & Power System students on topic “Selection of Project & Tips for Delivering Seminars”	2 nd August, 2016															
	Dr. A. N. Gaikwad delivered expert lecture on “Microwave sensing and imaging for biomedical applications” at National workshop on “Biomedical Signal Processing and Health Care Applications” at Poornima University Jaipur, Rajasthan	23 rd to 25 July 2016															
	Dr. Vasif Ahmed delivered expert lecture on “Design of Serial Communication Circuits using VHDL” in STTP - FPGA based Image Processing & VLSI at HVPM’s College of Engineering, Amravati	22 th June 2016															
	Dr. Vasif Ahmed delivered expert lecture on “Low cost Wireless Remote Monitoring Systems” in FDP -Advances in Wireless and Mobile Communications Sinhgad College of Engg. Pune.	11 th June 2016															
Consultancy activities	Many innovative projects with high social impact developed in speech processing, remote monitoring, through-wall imaging and rural healthcare areas																
Grants fetched	<table border="1"> <thead> <tr> <th>Project</th> <th>Funding Agency</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Study of human life sign detection under multi-frequency RADAR system</td> <td>UGC</td> <td>8.59 Lacs</td> </tr> <tr> <td>Modernization of microprocessor Lab.</td> <td>AICTE</td> <td>Rs 2.5 Lacs</td> </tr> <tr> <td>Modernization of Communication Lab.</td> <td>AICTE</td> <td>Rs 9.0 Lacs</td> </tr> <tr> <td>Modernization of UHF & Microwave Lab.</td> <td>AICTE</td> <td>Rs 7.5 Lacs</td> </tr> </tbody> </table>	Project	Funding Agency	Amount	Study of human life sign detection under multi-frequency RADAR system	UGC	8.59 Lacs	Modernization of microprocessor Lab.	AICTE	Rs 2.5 Lacs	Modernization of Communication Lab.	AICTE	Rs 9.0 Lacs	Modernization of UHF & Microwave Lab.	AICTE	Rs 7.5 Lacs	
Project	Funding Agency	Amount															
Study of human life sign detection under multi-frequency RADAR system	UGC	8.59 Lacs															
Modernization of microprocessor Lab.	AICTE	Rs 2.5 Lacs															
Modernization of Communication Lab.	AICTE	Rs 9.0 Lacs															
Modernization of UHF & Microwave Lab.	AICTE	Rs 7.5 Lacs															
Departmental Achievements	<ul style="list-style-type: none"> Prof. S. I. Khan obtained first Prize in AVISHKAR 2016 (PPG Category) on the topic “Preliminary Detection of Coronary Artery Disease using Electronic Stethoscope” Organized 																

	<p>by SGB Amravati University at Amravati during 15 and 16 Dec 2016.</p> <ul style="list-style-type: none"> • Final year project titled “PC based Pick & Place Robot using Ultrasonic vision” under guidance of Prof. N. N. Charniya won the First prize for “Engineering Design Award (Maharashtra State)” at ISTE project competition in the year 1997. • Final year project titled “Finger Print Identification using Ridge detection Method” under guidance of Prof. N. P. Jawarkar won the First prize for “Engineering Design Award (Maharashtra State)” at ISTE project competition in 2000. • Prof. N. N. Charniya secured First Prize in the Post P.G. Category in the State Level (Inter University) Science and Engineering Exhibition “AWISHKAR-2008” • Prof. Dr. A. N. Gaikwad is recipient of “YOUNG SCIENTIST AWARD”, 2ndRashrityaYuvaVaigyanikSammelan, 2010 organized by UCOST, Vijnana Bharti, Doon University &UttarKhand Government. • Prof. V. G. Nagalkar won First Prize (PG Category) in 7th Maharashtra State Inter University STATE Level Competition “AWISHKAR 2012-13” for his M.E. project “Ischemic Stroke Detection using DIP” under guidance of Prof. S. M. Agrawal and 2nd prize in All Central Zone student Research Convention (5 states) ANVESHAN in Feb. 2013. • Prof. S. N. Dandare won First Prize (Post-PG Category) in SGB Amravati University Level Competition “AWISHKAR 2013” • Five patents have been filed by faculty of Electronics and Telecommunication Department and published in Indian Patents Journal • Dr. R. J. Bhiwani, Dr. A. N. Gaikwad and Dr. Vasif Ahmed are current members of BoS of SGB Amravati University and Prof. N. P. Jawarkar is ex-member of BoS of Amravati and Nagpur Universities. • Department regularly conducts workshops, STTPs and seminars for benefit of faculty, supporting staff and students.
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DISTINGUISHED ALUMNI			
S.N.	Name of Alumni	Designation	Address
1	Mr. Alok Gupta	Managing Director	Samtech Engineering Phase III, Okhala Industrial Estate, Noida (UP)
2	Mr. Neeraj Verma	Business Manager (Asia Region)	CG-Corel India Ltd. Bangalore
4	Mr. Sarang T. Khaty	Sr. Engineer	Lucent Technologies Hindustan Ltd. Gurgaon (Haryana)
5	Mr. Sameer Jatkar	Sr. Engineer	Cognizant Tech. Solutions Infotech. Pune
6	Dr. Prashant Sonare	Asst Professor	YCCE, Nagpur
7	Mr. G S Kanade	Scientist	Instrumentation Divn., ,NEERI, Nagpur
8	Mr. Dhiraj Maheshwari	Senior DFT Engineer	Mentor Graphics (India) Ltd. Hyderabad
9	Mr. Rajesh Kondawar	Managing Director	EDAS Technology, Nagpur
10	Mr. Ashish Chaubey	Design Engineer	Texas Instruments, Bangalore

Name of the Department	ELECTRONICS & TELECOMMUNICATION ENGINEERING		
Course	Digital Electronics		
Level	PG		
1st Year of approval by the	2010		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	18	18	18
Year wise Actual Admissions	0	02	03

Name of the Department	INFORMATION TECHNOLOGY		
Course	Information Technology		
Level	UG		
1st Year of approval by the Council	2000		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admissions	10	05	5
Cut off marks- General quota	40 (CET)	34 (CET)	59.97
% Students passed with Distinction	5.75	1.85	00
% Students passed with First Class	40.25	50.5	90
Students Placed	11	22	04
Average Pay package, Rs./Year	2.0 lakhs	1.75 Lakhs	2.26 lakhs
Students opted for Higher Studies	02	05	NA
Accreditation Status of the course	No		
Doctoral Courses	No		
Foreign Collaborations, if any	NA		
Professional Society Memberships	ISTE, IE(I)		
Professional activities	1. Expert Lectures by resource persons from industries, Professional & Academic institutes 2. Technical quiz 3. Group Discussion 4. Aptitude & Technical Test. 5. Mock. Interview. 6. Software Competition 7. Essay Competition 8. Extempore Competition 9. Debate Competition 10.Seminars		
Consultancy activities	Nil		
Grants fetched	Nil		
Departmental Achievements	1. Department is ISO 9001-2000 Certified. 2. IE(I) Student Chapter arranged Three days workshop on “ Android Technology”. 3. Department has collaboration with Science & Technology Park, Pune. 4. 'IBM Rational Suite' Course has been conducted for the betterment of students in collaboration with		

		<p>IBM Rational Rose, Pune. Total 40 students and staff members were benefited from this course.</p> <p>5. CCNA course is regularly conducted by the department for the benefit of students.</p> <p>6. ISTE Staff Chapter, Babasaheb Naik College of Engineering, Pusad (MS) conducted an expert lecture on the topic “ISTE-Induction Training Program on Teaching Excellence and Methodologies for Technical Teachers” on Occasion of Independence Day.</p> <p>7. ISTE Staff Chapter , Babasaheb Naik College of Engineering, Pusad (MS) conducted an expert lecture on the topic “UGC Research Proposals-Guideline & Discussion” by Dr. Dipak Sheshrao Dhote, Professor at Post Graduate Department of Electronics, Brijlal Biyani Science College, Amravati(MS).</p> <p>8. ISTE Staff Chapter conducted Expert Lecture on ”Effective Teaching Skills”.</p> <p>Prof.S.A.Bhura</p> <ul style="list-style-type: none"> • Prof. S.A.Bhura published a paper on “Overview of Big Data Systematic Tools” in International Journals of Pure and Applied Research in Engineering and Technology (IJPRET) 2014 Volume 2 (8) :870-879. • Prof. S.A.Bhura published a paper on “Improved AED Scheduling Algorithm for Real Time System ” in International Journals of Science & Research (IJSR) ISSN (online) :2319-7064, Volume 3, Issue 9, September 2014. • Prof. S.A.Bhura attended Short term Course on “Global Trends in Artificial Intelligence” organized by Department of Computer Science and Engineering, JDIE&T, Yavatmal during 17th to 29th November 2014. • Prof.S.A.Bhura presented a paper titled " Limited Preemptive Disk Scheduling for Real Time Database System ", First International Conference on Computing, Communication, Control and Automation [ICCUBEA2015] organized by Pimpri Chinchwad College of Engineering , Pune, India on 26th & 27th February, 2015. • Prof.S.A.Bhura presented a paper titled " Scheduling Real Time Transactions using deferred preemptive Technique ", 2nd International Conference On Computer & Communication
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		<p>Technologies (IC3T-2015) organized by CMR Technical Campus, Hyderabad on 24th-26th July ,2015.</p> <ul style="list-style-type: none"> • Prof.S.A.Bhura attended ISTE Sponsored Two day workshop on “Soft Computing for Engineering Applications and Research”, organized by College of Engineering & Technology , Akola. on 28th & 29th April , 2015 • Prof.S.A.Bhura , attended ISTE Sponsored Two week workshop on “Recent Trends & Development in Cloud Computing”, organized by Jawaharlal Darda Institute of Engineering & Technology ,Yavatmal on 14-26 October 2015. • Prof.S.A.Bhura delivered a Expert lecture in ISTE Sponsored Two day workshop on “Big Data and Hadoop “, organized by College of Engineering & Technology , Akola. on 28th & 29th April , 2015 • Computer Science and Engineering and Information Technology Department organized two day workshop on “Android Application Development” in collaboration with Geekslab Technologies in association with AIESEC,IIT Delhi on 4-5 April,2015. Prof.S.A.Bhura were the coordinators. • Prof. S.A.Bhura register for Ph.D. <p>Prof.A.S.Dudhe</p> <ul style="list-style-type: none"> • Prof. A.S.Dudhe registered for Ph.D at Sant Gadge Baba Amravati University, Amravati. • Prof. Amol S.Dudhe attended Short term Course on “Global Trends in Artificial Intelligence” organized by Department of Computer Science and Engineering, JDIE&T, Yavatmal during 17th to 29th November 2014. • Prof. Amol S.Dudhe Completed his M.E in Digital Electronics From Sant Gadge Baba Amravati University,Amravati • Prof.A.S.Dudhe published a research paper entitled “A review on an efficient disease diagnostic and treatment system for Cotton Plant Using Digital Image Processing ”, KY Publication’s International Journal Of Engineering Research-Online (IJOER) Vol.No. 3 Issue No. 1 (Jan-Feb)
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		<p>Year – 2015 Page No. 254-258</p> <ul style="list-style-type: none"> • Prof.A.S Dudhe attended ISTE Sponsored Two day workshop on “Soft Computing for Engineering Applications and Research”, organized by College of Engineering & Technology , Akola. on 28th & 29th April , 2015 • Prof.A.S Dudhe attended ISTE Sponsored Two week workshop on “Recent Trends & Development in Cloud Computing”, organized by Jawaharlal Darda Institute of Engineering & Technology ,Yavatmal on 14-26 October 2015. • Prof.A,S.Dhude delivered a Expert lecture in ISTE Sponsored Two day workshop on “Neural Network and it’s Application Using Metlab “, organized by College of Engineering & Technology , Akola. on 28th & 29th April , 2015 • Computer Science and Engineering and Information Technology Department organized two day workshop on “Android Application Development” in collaboration with GeeksLab Technologies in association with AIESEC,IIT Delhi on 4-5 April,2015. Prof.A.S.Dudhe were the coordinators. • Prof.A.S.Dudhe published a research paper entitled “Driving Events Recognition System: A overview” , International Journal of Advancement in Engineering Technology, Management & Applied Science , Vol.3,Issue 5 , ISSN No.: 2349-3224 May 2016 <p>Prof.P.B.Niranjane</p> <ul style="list-style-type: none"> • Prof.Ms.P.B.Niranjane presented a paper titled " Privacy Aware in Friend Search Engine ", 3rd International Conference On Emerging Trends & Research in Engineering & Technology organized by IBSS College of Engigeering ,Amravati on 6th & 7th April 2015 • Prof.P.B.Niranjane, attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016.
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		<p>Prof.N.U.Chipde</p> <ul style="list-style-type: none"> • Prof. Narendra U.Chipade Completed his M.E in Digital Electronics From Sant Gadge Baba Amravati University,Amravati • Prof.N.U.Chipde attended CSI, ISTE and IETE sponsored One Day workshop on “New Ordinance 2016 on Ph.D”, Deptt. of CSE ,SGBAU, Amravati, 27 December 2016 . <p>Prof.S. D.Chavan</p> <ul style="list-style-type: none"> • Prof.Sachin D.Chavan published a paper on “Overview of Big Data Systematic Tools” in International Journals of Pure and Applied Research in Engineering and Technology (IJPRET) 2014 Volume 2 (8) :870-879. • Prof.S.D.Chavan published a research paper entitled “Grid Computing Scheduling Jobs Based on Priority Using Backfilling”, in International Journal of Electrical Electronics & Computer Science Engineering Volume 2, Issue 2 (April, 2015), ISSN : 2348-227 • Computer Science and Engineering and Information Technology Department organized two day workshop on “Android Application Development” in collaboration with Geekslab Technologies in association with AIESEC,IIT Delhi on 4-5 April,2015. Prof.S.D.Chavan were the coordinators. • Prof. S.D.Chavhan Completed his M.E in Computer Science and Engineering From Sant Gadge Baba Amravati University,Amravati • Department of Computer science & Engineering and Information Technology conducts 01 Month Technical Training Program for Third Year Students of Computer and Information Technology on topic “ PHP,MYSQL - Spoken Tutorial, An Initiative of National Mission on Education through ICT, MHRD,Govt.of India, supported by IIT Bombay” under the guidance of Prof.S.A.Bhura. He was the faculty for the course. Prof.S.D.Chavan and Prof.M.M.Ahmed also help him in conducting the program.
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		<p>Prof.M.M.Ahmad</p> <ul style="list-style-type: none"> • Prof.M.M.Ahmed attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. <p>Prof.U.V.Virulkar</p> <ul style="list-style-type: none"> • Prof.U.V.Verulkar attended ISTE Sponsored one week workshop on “Soft Computing Techniques”, organized by Babasaheb Naik College of Engineering, Pusad on 26-31 December 2016. <p>Prof.E.M.Chaudhari</p> <ul style="list-style-type: none"> • Prof. Ms.E.M.Choudhary Completed her M.E in Computer Science & Engineering, From Sant Gadge Baba Amravati University,Amravati
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DISTINGUISHED ALUMNI

S.N.	Name of Alumni	Designation	Address
1	Mr. Prasad Ade	Software Engineer	TCS, Pune
2	Ms. Shweta Mantri	Software Engineer	Cognizant Bangalore
4	Mr. Milind Saraf	Software Engineer	TCS, Mumbai
5	Mr. Vishwajeet	Software Engineer	TCS, Mumbai
6	Mr.Sudhir Kumar	Software Engineer	Infosys Delhi
7	Mr. Rauf Qureshi	Lecturer	Thakur College of Engg. Mumbai
8	Ms. Nikita Shelke	Asstt.Prof.(Adhoc)	S.G.M.C.E. Shegaon
9	Ms. Shubhangi Chiddarwar	Asstt.Prof.(Adhoc)	College of Engineering Mumbai

Name of the Department	MECHANICAL ENGINEERING		
Course	Mechanical Engineering		
Level	UG		
1st Year of approval by the Council	1993		
	2016-17	2015-16	2014-15
Year wise Sanctioned Intake	120+60 (2 nd Shift)	120 + 60 (2 nd Shift)	120 + 60 (2 nd Shift)
Year wise Actual Admissions	55+07	59+11	107+34
Cut off marks- General quota	45	62.67	23.22
% Students passed with Distinction	10.6	19.79%	5%
% Students passed with First Class	49.49	46.71%	76%
Students Placed	74	51	26
Average Pay package, Rs./Year	2.01 Lakhs	2.2 lakhs	1.42lakhs
Students opted for Higher Studies	2	2	2
Accreditation Status of the course	--		
Doctoral Courses	Yes, department is recognized as research center by Amravati University, Amravati, capacity of 15 students		
Foreign Collaborations, if any	NA		
Professional Society Memberships	All faculty and students are members of ISTE & IE(I)		
Professional activities	<p>MESA (Mechanical Engg. Students Association) is conducting the following activities every year.</p> <ol style="list-style-type: none"> 1. Expert Lectures by resource persons from industries, Professional & Academic institutes 2. Technical quiz 3. Group Discussion 4. Aptitude & Technical Test. 5. Mock Interview. 6. Industrial Visit. 7. Essay Competition 8. Extempore Competition 9. Debate Competition 10. Seminars 		
Consultancy activities	Department is providing one month / 15 Days Certificate course on payment basis for Training the students for various courses like Pro/E , CATIA, AutoCAD, ANSYS.		
Grants fetched	<ol style="list-style-type: none"> 1. A GRANT of RS. 3,00,000=00 (Rs. Three Lacs only) is sanctioned by UGC, New Delhi for Minor Project of Prof. G.K. Gattani on the topic “Exxperimental Investigation and Microsytructure analysis of Weldments”. This is the only project sanctioned in the Vidharbha region in Mechanical Engineering. 2. AICTE MODBROBS grant of Rs 19.0 lacs received for CNC machine by Workshop in 2013 3. Rs 30000 Grant Received from PKV, Akola for Operational Research Demonstration of Kitchen Waste 		

	<p>Biogas Plant during 2003-04</p> <p>4. AICTE MODROBS grant of Rs 7.0 lacs record for ROBOTICS in 1997.</p>
<p>Departmental Achievements</p>	<p>Department runs undergraduate course in Mechanical Engineering with an intake of 180 seats. Post graduate course (M.E.) in CAD-CAM with an intake capacity of 18 is also run by the department. Department has well equipped laboratories.</p> <p>Metallurgy lab: i) Inverted Metallurgical Microscope ii) Image Archiving System iii) Accessories like – Graduated eye piece for rapid measurement , Grain size eye piece, Filar micrometer eye piece, Halogen bulb & Austenite Grain size Turret Eyepiece as per ASTM costing about Rs. 4,89,600=00.</p> <p>I.C. Engine Lab.; AVL CDS Analyzer without smoke meter Model COSTING Rs. 8,86,870=00.</p> <p>Automobile Lab.: Forty One recent model s related to automobile engineering costing Rs.5,05,466=00</p> <p>Department runs Pro-E classes . This year 61 students have registered for this course and completed the same during 03-08-2015 to 04-09-2015.MESA (Mechanical Engineering Students Association) organized and conducted variety of activities like Teachers Day, Speech competition, Extempore Competition, Seminars , etc for the overall development of the students.IEI (Institute of Engineers India) conducted all round development programs for the students like Extempore Competition, Test examination for the GATE preparation, etc.Department also runs “ Students Counseling and Orientation Cell” for solving the personal difficulties and problems of the students.Department has conducted a special coaching classes of final year students for the preparation of Campus Interviews by the concerned subject teachers .Department has organized following Industrial Tours:</p> <ol style="list-style-type: none"> 1. To Akola with 30 students on 23 January ,2016 to Padgilwar Industries and Agro Industries. 2. To Sawargaon On 28January , 2016 to Wind mill farm. 3. To Nashik on 07-08 Feb, 2016 for third year students visited Ukay Metal Industries Pvt. Ltd, India I Power .Ltd, Global Industries , Nashik Engg. Cluster, Om Sai Moulds

and Tools and Rotomatic Contaners.

An **expert lecture** by Mr. Parag Pande has been delivered for the faculty on “Lean Manufacturing” on 30 September, 2015.

Department has organized an **expert lecture** on “**FEA based Simulation**” by Mr. Mahendra Patil of CAD/CAM Guru, Pune on 14 January, 2016 for the faculty and the students.

One day workshop for the final year polytechnic students on “CNC Machining and Programming” was organized on 17 January, 2016. Total 76 students of the various polytechnics attended the workshop.

Department has organized and conducted **one day workshop** on “Assembling and Disassembling of Four Stroke Cycle Engine” for the second and third year students on 27 March, 2016. Wherein total 34 students have participated.

A GRANT of RS. 3,00,000=00 (Rs. Three Lacs only) is sanctioned by UGC, New Delhi for Minor Project of Prof.G.K.Gattani on the topic “Exxperimental Investigation and Microsytructure analysis of Weldments”. This is the only project sanctioned in the Vidharbha region in Mechanical Engineering .

Prof. A.M.Wankhade , Prof . S.S.Bhagwat , Prof. K.K.Jadhav , Prof. S. V. Chopde are per suing for their for their Ph. D.

Prof. S.S.Bhagwat has attended two days workshop on “ Ansys CFD” at SSGM COE, Shegaon on 18-19 March,2016. He has also presented a paper “ First law and second law analysis of extraction condensing steam turbine in sugar industry” in **International Conference** on emerging trends and research in engineering, at DRGIT& R COE, Amravati on 30-31 March,2016 which will be published in the journal.

Prof. A.M.Wankhade published a paper “ Performance and Analysis of CI Engine by using exhaust gas recirculation through venture” in **International Conference** on emerging trends and research in engineering,technology and science at

IBSS COE, Amravati on 30-31 March,2016.

Prof. K.K.Jadhao has done oral presentation of his research work in 2016 IEEE International Conference on Smart Structures and Systems on 23-24 March, 2016 held at Saveetha Engineering College , Chennai. He has also presented a research paper “ Effect of fiber orientation on fatigue behavior of monon composite leaf spring” in the IEEE sponsored International Conference on Science , Technology , Engineering and Management 2016 held in Jeppiaar Engineeing College,Rajiv Gandhi Salai, Chennai on 30-31 March,2016 .

Prof. A. B. Dighewar published a paper “ Computer Aided Design, Modeling and Analysis of Shock Absorbar” in National Conference on Mechanical Engineering, Material Science and Mechatronics (NCMMM-15), VIIT Pune. on 20th Feb 2015, He has also published a paper titled “Modeling and Manufacturing of K1-Connector of Two Wheeler Silencer by Using CAD/CAM Tools” in International Journal Of Modern Engineering Research (IJMER), Vol. 5, Iss.7, pp 21-26. On 01/07/2015.

Prof. Mohd. Razik has published a paper titled “Experiment and Finite Element Analysis of Two Wheeler Engine Fins” in International Journal For Engineering Applications and Technology,Volume 1 Issue 12 in June , 2015. He has also published a paper on “Design and Finite Element Analysis of Two Wheeler Engine Fins” in International Journal of Engineering Sciences & Research Technology,Volume 4, Issue 6, June , 2015.

Prof. P. M. Deshmukh has published papers titled
1) “Design Modification and analysis of charging Belt conveyor system to set optimum results” in International Conference and Journal on Recent Trends in Engineering Science and Management pp- 2383-2390 , March , 2015
2) “Design, analysis and failure of actual charging Belt conveyor system used in the industry to set optimum results” in International Conference and Journal on Recent Trends in Engineering Science and Management pp-2377-2382, March,2015
3) “Design Optimization, Analysis and Remedies over failure of charging belt conveyor system used in the industry to set optimum results” in Intenational Journal of Advance Engineering and Research

	<p>Development(IJAERD) , April,2015.</p> <p>Prof. Avinash M Rathod has published a paper titled “An Experimental Investigation on Diesel Engine by Dual Biodiesel Fuel” in International Journal For Scientific Research And Development , Sept,2015.</p> <p>Prof. A. C. Deshpande has published papers titled 1) “Design and FEA analysis of two wheeler cooling fins-A Review” in International Journal of Pure And Applied Research in Engineering and Technology, April,2015. 2) “Experiment and Finite Element Analysis of Two Wheeler Engine Fins” in International Journal For Engineering Applications and Technology, Volume 1 Issue 12 , June,2015. 3) “Design and Finite Element Analysis of Two Wheeler Engine Fins” in International Journal of Engineering Sciences & Research Technology, Volume 4, Issue 6, June,2015.</p> <p>Prof. A. N. Pote has published a paper titled “Thermal Performance of Closed Loop Pulsating Heat Pipe Using Different Nanofluids” in International Journal for Scientific Research & Development (IJSRD) ,Vol. 2, Issue 11, Dec,2</p> <p>Prof. A. N. Pote, Prof. Akshay P.Punde, Prof. Surendra H. Rathod ,Prof. Kishor K. Khandare has attended one week STTP on “ Role of Rapid Prototyping in Advance Manufacturing” at GHRCE, Nagpur under TEQIP-II from 23-27 November,2015.</p> <p>Prof. Kishor K. Khandare has attended short term course under QIP on “ Biogas Production , Purification and Power Generation” from 18-20 May , 2015 at Centre for Rural Development and Technology , IIT , New Delhi</p> <p>Prof. Parvez F. Agwan has published a paper titled “An Experimental Investigation of Piston Coating on Internal Combustion Engine” in International Journal for Scientific Research & Development (IJSRD) ,Vol. 3, Issue 8, Oct,2015.</p> <p>Prof. A.B.Dighewar worked as Jury member in National level paper Contest for the polytechnic students at Dr. N.P.Hirani Polytechnic, Pusad on 08-02-2016.Prof. Akshay C. Deshpande stood THIRD in the merit list (</p>
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8.86 CGPA) of Sant Gadge Baba Amravati University , Amravati final year **Master of Engineering** in CAD-CAM examination held during 2014-15. **Mr. Suraj R. Girulkar stood FOURTH** in the merit list (9.26 CGPA) of Sant Gadge Baba Amravati University , Amravati final year **Bachelor of Engineering examination** held during 2014-15. Mr. Aditya V. Panpaliya , Mr. Vishvambhar D. Kulkarni and Yogesh D. Rathod has participated in a National Conference on Recent Trends in Engineereing and Technology held on 25 Sept , 2015 at J.D.I.T , Yavatmal and was awarded **FRIST PRIZE**.

Mr. Prathmesh Chopade has participated and presented a paper “ Super Materials ; An Overview’ in 3rd International Conference on Emerging Trends and Research in Engineering and Technology held at IBSS College of Engineering , Amravati on 6-7 April, 2015. He has also participated in speech competition organized by Water Supply and Cleanliness Department , Maharashtra Governemnt and Clean India , District Office , Yavatmal on 06-01-2016 and awarded **SECOND PRIZE** .

Mr. Nikhil D. Raut , final year has presented a paper entitled “ A CAD Analysis & study on effect over mach of Rocket C-d Nozzle by varying its geometric parameters” at **International Conference** on Recent Advances in Engineering and Technology held in **Singapore** on 22 January, 2016.

A technical paper titled “ Study and analysis of exhaust emission of 2- S SI Engine using single and dual S.P. with blend fuel” by Mr. Vishal B. Tayade , Mr. Vivek Girde , Mr. Nilesh Mate, Mr. Vitthal Wazulkar of final year students has been accepted for the presentation in **8th International Conference** on Automotive and Mechanical Engineering to be held in **Paris , France** on Feb, 22-23 ,2016. Mr. Abhijeet Pawar, Mr. Pratik Agame , Mr. Chetan Panlzagade , Mr. Barun kumar Jha , Mr. Aditya Panpaliya , Ku. Gargi Moharil, Mr. Rupesh Chavan , Mr. Vikas Khade , Mr. Anand Deshmukh , Mr, Darshan Kalr , Mr. Suyog Gadewar , Mr. Malay Surve , Mr. Ujwal Ghore , Mr. Chittaranjan Dangore attended one day workshop on “I.C.Engines” conducted by AeroTri X in association with Radiance held at Indian Institute of Technology , Mumbai on 13 March, 2016. Mr. Darshan Kale , Mr. Malay Surve , Mr. Vikas Khade, Mr. Anand Deshmukh attended one day workshop on “3D

	<p>Printing” conducted by Squirrel Eduventures in association with Radiance held at Indian Institute of Technology , Mumbai on 12 March,2016.Mr. Mayur Ingle , Mr. Saurabh Singadkar , Mr.Chaitanya Khade , Mr.Shubham Jartkar , Mr. Shubham More , Mr. Suraj Thenge , Mr. Shubham Hatware, Mr. Vaibhav Bidwai participated in “ Mobile Autonomus Robotics” organized by Vincent Pallotti College of Engineering, & Technology, Nagpur and Robotech Labs Pvt. Ltd, Delhi on 14 -15 January , 2016.Ms. Shital K. Awachar, Ms. Neha S. Uplanchiwar , Ms. Garge S. Moharil , Mr. Prathmesh Chgopade , Mr. Sheikh Naim Sheikh Yusuf and Mr. Syed Mahfooz Ali has participated in a National Conference on Recent Trends in Engineering and Technology held on 25 Sept , 2015 at J.D.I.T , Yavatmal .Mr. Vaibhav B. Bhanuse , Ms. Neha S. Uplanchiwar , Ms. Garge S. Moharil , Mr. Prathmesh Chgopade participated in the 6th Bharatiya Chhatra Sansad organized by MAEER’s School of Government , Pune and Bharatiya Chhatra Sansad Foundation from 27- 30 January, 2016.Mr. Prathmesh Chopade , Mr. Shrinath Kurme , Mr. Rajkumar Mallarap of third year acheieved excellence award for Pro-e certification .Mr. Karan S. Rathod has published paper “ Sensotronic Brake Control System” , Mr. Aditya V. Panpaliya , Mr. Vishvambhar D. Kulkarni and Mr. Yogesh D. Rathod have published paper “ Next Generation Engines and Safty systems” , Mr. Satish K. Awachar,Ms. Gargi S. Moharil and Ms. Neha S. Uplanchiwar have published paper “ Carbon Nanotubes” , Mr. Prathmesh Chopade has published paper “ Advancements in Additive Manufacturing Clip SLS AND 3D Printing Technology” , Mr. Sheikh Naim Sheik Yusuf and Mr. Syed Mahfooz Ali has presented a paper “ Finite Elemnet Analysis and optimization of Tractors Trolley rear axle” at International Journal for Engineering Applications and Technology on 25 -09-2015.Mr. Suchit A. Chavan , Mr. Darshan B. Khandagade , Mr. Gaurav Nawale , Mr. Sumant N. Zade has participated in a workshop on “I.C.Engine” held on 16-17 January , 2016 at Government College of Engineering, Amravati. Mr. Yerawar Shubham has completed the short term course in CREO Parametric during 24-12 2015 to 09-01-2016 ,Mr. Bansod Akshay ,Mr.Ghore Ujwal & Mr. Chavan Suhas has completed the short term course in ANSYS during 24-12 2015 to 09-01-2016 at INDO GERMAN TOOL ROOM, Aurangabad. Mr. Chaitnya Khode , Mr. Aniruddha Joshi bagged First Prize in</p>
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ROBO-RACE ,a national level technical event , held on 11 Feb, 2016 at college of engineering, Akola. Mr. Mayor Ingle, Mr. Shubham Iratkar also participated in the same event. Mr. Prathmesh Chopade participated in the event Battle pro-e ppt at SGGGS Institute of Engineering and Technology , Nanded on 27-28 Feb, 2016 and has been awarded second prize. Mr. Pankaj S. Mr.Madavi, Mr. Vaibhav B. Bhanuse , Mr. Aditya Panpaliya, Mr. Jitendra Bisen, Mr. Shubham M. More , Mr. Mukesh R. Shinde , Ku. Garge Moharil , Mr. Alekh Langewar , Ku. Shital Awachar participated in the event Battle pro-e ppt at SGGGS Institute of Engineering and Technology , Nanded on 27-28 Feb, 2016.Mr. Aditya Panpaliya, Ku. Gargi Moharil participated in the event Mech Quiz at SGGGS Institute of Engineering and Technology , Nanded on 27-28 Feb, 2016.Mr. Suchit Chavan , Mr. Prashant Khadagale participated in the event E-paper at SGGGS Institute of Engineering and Technology , Nanded on 27-28 Feb, 2016.Mr. Saurabh A. Singadkar presented a paper in national level technical event X- plore held on 4 -5 March, 2016 and secured **first position** at Jagadambha college of engineering, Yavatmal. Mr. Alekh Lanjewar and Mr. Mukesh Shinde has also participated in the same event. Mr. Mayur Ingle and Mr. Chaitanya Khode participated in national level technical event ROBO RACE in X- plore held on 4 -5 March, 2016 and secured **runner up position** at Jagadambha college of engineering, Yavatmal.Mr. Barun Jha participated in PPT-D, Mr. Saurabh Singadkar, Mr. Mayur Ingle, Mr. Shubham Iratkar participated in ROBORACE , Mr. Chaitanya Khode participated in Paper presentation in Prajwalan'16 organized by Government College of Engineering, Amravati on 26-27 Feb, 2016. Ku. Shital Awachar has been awarded **FIRST PRIZE** for paper presentation in Threshold -2015 for her paper “ Production Part Approval Process” at Babasaheb Naik College of Engineering, Pusad held on 10-11 Oct,2015.

Following students of the department have been selected in the college campus recruitment program.Mr. Amit Aswale, Mr. Hiteshchand Nakade , Mr. Ankush Dongre, Mr. Nikhil Malpani , Mr. Aafaque S. Khan have been selected in EOS Global Pvt Ltd, Chennai.Mr. Ashish Maghade, Mr. Gaurav Tela , Mr. Hemant Atahawale, Ms. Archana Khadkar , Ms. Roshani Jadhao, Ms. Pooja Thakare have been selected in ICC Technologies , Hyderabad.

A One day work shop on ““ Assembly and Disassembly of four stroke S.I.Engine” was organized by Department of Mechanical Engineering & IEI Chapter on 18 March 2017. Prof A.P.Punde and Prof . N.N.Pawar were course coordinators.

Department is conducting Skill Development program in Field Technicians in Refrigeration and Air Conditioning sponsored by AICTE and NSDC , New Delhi .

Department has organized following **Industrial Tours:**

- 1) To Parali (Vajjnath) on 07th Feb. 2017 to “ Thermal Power Plant” along with four faculty members and 47 students.
- 2) To Pimpal gaon (Pusad) on 11 Feb. 2017 to “Sutgirini” with two faculty members and 27 students.
- 3) To State Transport Depot Workshop , Nagpur on 28-03-2017 with 40 students.

Prof. Avinash Wankhade has been awarded Ph. D. by SGBAU, Amravati (Notification No. 83/2016 Dt. 16-12-2016). His Ph. D. thesis topic was “ Performance Evaluation and Parametric Study of Single Cylinder Four Stroke Diesel Engine By Experimental Investigation Using Various EGR Systems” under guidance of Dr. Shashank B. Thakare.

Prof. S.S.Bhagwat has been awarded Ph. D. by SGBAU, Amravati. His Ph. D. topic was “Finding optimum operational strategies for managing energy in sugar mills considering energy, exergy, energy- economics and CDM issues”.The experts drawn from academia and energy consulting organizations appreciated his work.Dr .S D Pohekar was his Supervisor.

Prof. K.K.Jadhao are pursuing for their Ph. D.

Prof. Avinash Wankhade has presented a paper “ Performance and Emission Analysis of CI Engine by using Exhaust Gas recirculation through venture” in fourth International Conference on Emerging Trends and Research in Engineering , Technology and Science at Dr. Rajendra Gode Institute of Technology and Research , Amravati on 30-31 March ,2016. And published the same paper in International Journal of Pure and Applied Research in

Engineering and Technology ISSN: 2321-207x, Volume -4 (9) , 258-265, May ,2016.

Prof. Avinash Wankhade and Prof . P.K.Jadhao has published a paper “Analysis and Experimentation of Shell and Tube Type Heat Exchanger with different orientation of Baffles” in International Journal of Applied Science and Engineering ISSN: 2321-9653, Volume -4 (9) , Issue VI, June 2016.

Prof. Avinash Wankhade , Prof . M.A.Ali have published a papers

- i) “ Cooling Load Estimation by CLTD Method and HAP 4.5 for Evaporative Cooling system”
- ii) “ Design of Duct for a three Story Retail Shop”

in International Research Journal of Engineering and Technology Vol. 4, Issue 1, January 2017.

A paper titled “ Regenerative type Solar Still with Concentrator’ by **Prof V.V.Dongaonkar** has been accepted for the publication in the International Journal of Engineering Research & Technology (IJERT)ISSN: 2278 - 181(ESRSA Publication) Volume. 6 , Issue. 04 , April – 2017.

Prof. K.K.Jadhao has published following papers :

- i) “ Effect of fiber orientation on behavior of mono composite leaf spring” in the IEEE sponsored International Conference on Science , Technology, Engineering and Nanagement held in Jeppiaar Engineering College ,Chennai on 30-31 March,2016.
- ii) “Fatigue life prediction of steel and composite leaf spring for light commercial vehicle” in 2016 IEEE International Conference , ISBN: 978-1-5090-0912-1 on Smart Structures and Systems at Saveetha Engineering College , Chennai on 23-24 March, 2016.

Prof. S.S.Bhagwat has published the following papers during 2016-17 as under:

- i) “Thermal Analysis of Sugar Industry Boiler”, in International Journal of Research in Science and Engineering and Technology.
- ii) “Performance Assessment of CHP Cycle in Sugar Industry”, in International Journal of Engineering and Advanced Technology.

	<p>iii)“First Law and Second Law Analysis of Extraction Condensing Steam Turbine in Sugar Industry” in International Journal of Pure and Applied Research in Engineering and Technology.</p> <p>Prof. P.R.Vithalkar presented a paper “ Analytical Design of Bus Passenger TIE Rod” in 5th International Conference on Science , Technology and Management held on 30 July, 2016 at Indian International Centre , New Delhi. He has also published a paper “Analytical Design of Bus Passenger TIE Rod ” in International Journal of Advanced Technology in Engineering and Science (ISSN 2348-7550) , Volume 4, Issue 07, July2016.</p> <p>Prof S.J.Rajpal has delivered an expert lecturer on “ Machines and Mechanisms” on 06-10-2016 in Government Polytechnic , Yavatmal .</p> <p>Prof V.V.Dongaonkar has delivered an expert lecturer on “ Renewable Energy Sources for Rural Development” in one day workshop on Renewable Energy organized by P.N. College , Pusad on 14-02-2017.</p> <p>Prof K.K.Khandare has delivered an expert lecturer on “Quality Control and Assurance” at Dr. N.P. Hirani Polytechnic, Puasd on 15-09-2016 in one day workshop on Basic Elements of Mechanical Engineering.</p> <p>Prof M.A.Ali attended one day workshop on “ Cold Storage Design “ organized by ISHRAE Nagpur Center on 10-12-2016.</p> <p>Prof . S.S.Bhagwat , Prof. K.K.Khandare and Prof. A.M.Rathod attended one day workshop on “ Basic on Ansys CED” at SSGM College of Engineering, Shegaon on 18-19 March 2016.</p> <p>Prof . K.K.Khandare along with two students Mr. Ritesh S. Chaudhori and Mr. Vaibhav R. Bidwai of final year attended National level Medical Device innovation conclave organized for collaboration of Mechanical Engineers and Doctors to come up with innovative solutions to solve medical problems at VNIT, Nagpur on 19-23 Sept. 2016, in which Prof K.K.Khandare stood at First position in mini project “ Skin Grafting Device” .</p>
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Fourteen Faculty members from the department attended one day workshop on “ S.G.B.A.U. Ph. D. New ordinance and research awareness” organized by Computer Society of India Amravati Chapter in association with post graduate department of computer science SGBAU, Amravati , Institute Electronics and Telecommunication Engineers , Amravati Local Center and ISTE , New Delhi at SGBAU, Amravati on 27 December , 2016.

This year following FIVE Students of the Department stand in the Merit List (2015-16) of SGBAU, Amravati

- 1) **Mr. Swapnil Sapkal - FIRST Merit (With Three Gold Medals)**
- 2) **Mr. Atiqur Rahaman – SECOND Merit**
- 3) **Ms. Priyanka Kale – THIRD Merit**
- 4) **Ms. Archana Khedkar – SEVENTH Merit**
- 5) **Mr. Sheikh Naim – NINETH Merit.**

Following students of the department have been selected in the college campus recruitment program.

1)Mr. Ritesh S. Choudhari , Mr. Prathamesh S. Chopade , Mr. Vaibhav Bhanuse , Mr. Karan Rathod and Ms. Gargi Moharil selected in Multidimensions , Mumbai.

2)Mr. Akshay V. Bhande , Mr. Suyog S. Gadewar , Mr. Rustam B. Patange , Mr. Vishnu V. Ghuge , Mr. Akshay L. Kandiwar , Mr. Mahendra B. Zote and Ms. Siddhi N. Pande selected in EOS Global Pvt Ltd, Chennai.

3) Mr. Dipit Guhe , Mayur M. Khobragade, Chaitanya P. Khode, Gopal S. Kale, Chetan H. Paulzagade, Shubham D. Iratkar, Abhijit N. Pawar , Ravi K. Jagdale, Rushikesh A.Chitode, Anand R.Yangandalwar,Suraj G.Manwar , Kunal B.Ramteke have been short listed in GRACE Edute , Nagpur.

4)Mr. Dhanraj Upadhyay and Ms. Ankita Kashte have been selected in Poempii, Mumbai.

5)Mr. Dhanraj Upadhyay selected in Kabil Bano , Mumbai.

6) **Mr. Rohidas P. Winkar , Suchit Teleng , Manoj F. Sahu , Yogesh S. Nagre, Rajkumar Mallarup, Nitin U. Kadam , Shrinivas M. Jadhao , Vaibhav R. Somatkar ,**

Aniket R. Gahukar, Mahendra M. Hingade , Vainateya C. Deshmukh , Prasad S. Mamidwar , Santosh R. Masare , Imran A. M. Dabbwala , Shailesh N. Kandalkar selected in Wind care India, Koimtoor, Chennai.

7) Mr. Jitendra D. Bisen , Vaibhav B. Bhanuse, Aditya V. Panpaliya , Yogesh D. Rathod , Rupesh G. Uchit, Vikas L. Khade , Akshay G. Khande, Saurabbh A. Singadkar, Akshay D. Bhatakhade, Jivan G. Puri, Suhas G. Chavhan, Shubham A. Hatware, Khulesh B. Meshram, Rahul P. Gangurde, Dhananjay V. Vade selected in Zoom car .

8) Mr. Alekh J. Lanjewar , Sanket M. Ganorkar , Shubham N. Charjan , Yogesh D. Rathod , Vishvambhar D. Kulkarni , Bramhanand S. Jadhao selected in Universal Education , Bangalore.

Mr. Sumedh Ambhore has felicitated as a best Volunteer in District NSS Camp held at Deurwadi , Tal. Arni by Dr. Murlidhar Chandekar , Hon. V.C., SGBAU, Amravati.

Following Students of the department participated in the various activities :

- Vaibhav V. Bhoyar at Jagadambha College of Engineering and Technology , Yavatmal on 22-23 February, 2017.
- Virendra Rathod has participated in Robo Race, Robo Mud and Chop Structure at College of Engineering and Technology , Shegaon on 20-21 January, 2017 .
- Suraj Tanmane has participated in the workshop on “PCB Designing” organized by government college of engineering, Amravati on 14-15 January, 2017.
- Virendra Rathod is the **Runner Up** of event ROBO GO organised by Sipna College of Engineering and Technology , Amravati on 17 Sept, 2016.
- Shreyash Mandaogade , Vipul Anantwar ,Mayur Sapkal ,Abhijit Dethe,Pranay Nimje , Balaji Kakade ,Ratnam Thool ,Rushikesh Dhale ,Shekh Irfan Shekh Afsar , Shivam S. Tatawar has participated in a two day workshop on Robotics at College of Engineering and Technology , Akola on 30-31 August, 2016.
- Suraj Manwar, Abhijeet Pawar have successfully

	<p>completed the short term course in ANSYS during period 29 December 2016 to 14 January , 2017 at Indo German Toll Room , Aurangabad.</p> <ul style="list-style-type: none"> • Akash Vikhe, Akash Maindkar, Ashwajeet Pohare , Abhijeet Pawar, Siddartha Bhagat have successfully completed the short term course in CATIA during period 16 June , 2016 to 02 July 2016 at Indo German Toll Room , Aurangabad. • Khulesh B. Meshram has successfully completed the INPLANT TRAINING at MSME- TOOL ROOM , Central Institute of Toll Design, A Govt. of India Society – Ministry of Micro , small and Medium Enterprises from 08 June 2016 to 07 July , 2016. • Shubham M. More has successfully completed the INPLANT TRAINING at MANIKGARH CEMENT , B.K.Birla Group of Companies, Gadchandur during 13 June ,2016 to 25 June , 2016. • Rajkumar Mallarap and Vikas L. Khade have participated in the Virtual Baja Saeindia 2016 organised on 24-25 June , 2016 at Christ University , Kengeri Campus, Bengaluru. • 47 Students of the department presented technical papers in National Level Technical Paper Contest “ Threshold 2017” on 11March.2017.
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DISTINGUISHED ALUMNI

S.N.	NAME	Designation	Organisation /Address
01	Mr. Bandi Suresh	Entrepreneur	Vizag Profiles Limited , Visakhapatnam ,
02	Mr.Chakravathy	Entrepreneur	Siemens Power Plant
03	Mr.Sanjay Barad	Scientist-D	Gas Turbine Research Establishment DRDO,
04	Mr.Sudhir Mehta	Entrepreneur	JSK Engg.Co. 28/C/5, Navjivan Society Mahul Road Chembur, Mumbai – 400 074
05	Mr.Vijay Naidu	Director	Exnet Internation F-3, 1 st , FL Shubham Tower RPTS Road, Ajni Square, Nagpur- 440 015
06	Mr.Milind Futune	Entrepreneur	Advance CAD Technology,Pune
07	Mr.Sandip Patil	Dy.Manager	D.M., Supplier quality, Nagpur Business Unit M&M Farm Equipments Sector, Nagpur
08	Mr.Pralhad Zanwar	Appl.Engg.	Oracle India Pvt.Ltd, 7 th Floor, Cyber Tower, HITECH City, Madhapur, Hydrabad
09	Mr.S.V.Rathod	Divisional Vocational Officer	Directorate of Tech. Education Govt. of Maharashtra, Nagpur
10	Mr.Vivek Salvi	Territory Manager	CSM Software Ltd, Master Executive center, City Point, Dhole Patil Road, Pune- 411 001

	Name of the Department	MECHANICAL ENGINEERING		
	Course	CAD/CAM		
	Level	PG		
	1st Year of approval by the Council	2011		
		2016-17	2015-16	2014-15
	Year wise Sanctioned Intake	18	18	18
	Year wise Actual Admissions	0	02	03

	Name of the Department	Electrical (Electronics and Power) Engineering		
	Course	Electrical (Electronics and Power) Engineering		
	Level	UG		
	1st Year of approval by the Council	2012		
		2016-17	2015-16	2014-15
	Year wise Sanctioned Intake	60	60	60
	Year wise Actual Admissions	27	22	26
	Cut off marks- General quota	53	17.40	67.91%
	% Students passed with Distinction	-	22.5	NA
	% Students passed with First Class	21.54	72.5	NA
	Students Placed	-	03	NA
	Average Pay package, Rs./Year	-	1.9	NA
	Students opted for Higher Studies	01	NA	NA
	Accreditation Status of the course	-NA		
	Doctoral Courses	No		
	Foreign Collaborations, if any	NA		
	Professional Society Memberships	ISTE, IE(I)		
	Professional activities	<ol style="list-style-type: none"> 1. Expert Lectures by resource persons form industries, Professional & Academic institutes 2. Technical quiz 3. Group Discussion 		

		<ol style="list-style-type: none"> 4. Aptitude & Technical Test. 5. Mock. Interview. 6. Software Competition 7. Essay Competition 8. Extempore Competition 9. Debate Competition 10. Seminars
	Consultancy activities	Nil
	Grants fetched	Nil
	Departmental Achievements	<p>The Department of Electrical (Electronics and Power) Engineering established in 2012 with capacity of 60 seats at UG level. The Department is ISO certified with well equipped laboratories, highly experienced and learned faculty.</p> <p>Electrical Engineering Lab: all kinds of theorem kits, The cost of Lab. is approximately 2,69,651.</p> <p>Electrical Machine Lab: This lab consists of all kinds of electrical motors, transformers, different loadings, and The cost of Lab. is approximately 11,43,7990/-.</p> <p>Computer Design Lab-I(DSP/Electrical Power) Laboratories: This lab loaded with 25 PC with c, c++, Mat lab Software and AutoCAD ,Earth Fault Tester , Phase indicator meter , Digital colour storage oscilloscope with FFT 50MHZ 500MS/S Model No. DSO. 050C5, The cost of Lab. is approximately 937664.The lab is also modified with latest software related to designing and analysis of power system, Electrical Machines and switchgear.</p> <p>Computer Lab-II(CAMD/NMCP): This lab loaded with 25 PC with c, c++, Matlab Software and AutoCAD. The cost of Lab. is approximately 590450/-.</p> <p>Control System Laboratory: Potentiometer Servo Trainer (Beltronix), Syncro Transmitter Beltrami-make with power Supply, CRO, The cost of Lab. is approximately 147909/-.</p> <p>Microprocessor Laboratory: 8085 Microprocessor kit, Anshuman Make 8259 study card 8259 Controller, Anshuman Make study card 8257, Anshuman Make study card 8253, SMPS. The cost of Lab. is approximately 285779.80/-.</p> <p>Electrical Energy Utilization and EMI: Wattmeter Electro dynamo meter type MECO make range (0-300/600 v), (0-10A) SPWL, Wattmeter Electro dynamo meter</p>

	<p>type MECO make, range (0-300/600 v), (0-10A) SPLW LPF, Compact fluorescent light, Digital multi meter, MECO make, model 9A06, $3\frac{1}{2}$ digit. NVIS.6533 Maxwell inductance bridge trainer, Digital colour storage oscilloscope with FFT 50MHZ 500MS/S Model No. DSO. 050C5, Speed measurement by magnetic pickup with motor. The cost of Lab. is approximately 155588.30/-.</p> <p>EDC/ADC laboratory: DC Regulated power supply 0-30volt,10 amp model no 13210 Aplab make , Digital colour storage oscilloscope with FFT 50MHZ 500MS/S Model No. DSO. 050C5, Multiwave form signal generator 3MHZ model NO MSG3M APLB make. The cost of Lab. is approximately 197446.25/-.</p> <p>Power Electronics/ Network Analysis Laboratory:Wattmeter Electro dynamo meter type MECO make range (0-300/600 v), (0-10A) SPWL ,Computer machines H.P. 3330 MTI-3 Desktop Intel I-3 2120,3.3GHz.CPU,4GB RAM,500 GB HDD,H61chipset,mother board,DD,Writer,Keyboard,optical mouse,18.5”LED Monitor DOS, Maximum Power Transfer Theorem, Norton’s Theorem, Transmission line parameter kit (1qty). The cost of Lab. is approximately 178683.88/-.</p> <p>Switch Gear and Protection Laboratory: Main ACB panel with ACB 260AF/S10,125F/S-263AF/S.5 1900X1800X800-1,1900X1800X800-2, Synchronizing panelSuitable for 160 KVA & 200KVA diesel generator set, All types of fuses inducting HRC, Lighting Arrestors. The cost of Lab. is approximately 724884/-.</p> <p>STAFF ACHIEVEMENTS 2016-17</p> <ul style="list-style-type: none"> • Prof. S.S.Patil Delivered expert Lecture on “Personality Development” on Dr. N. P. Hirani Institute of Polytechnic Pusad. • Prof. S. M. Agrawal Delivered expert Lecture on “Ischematic stroke” and RBC/WBC Count Measurement in Blood Samples using Matlab in Pornima University, Jaipur on dated.23 to
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		<p>25 July-2016</p> <ul style="list-style-type: none"> • Prof S. M. Agrawal, Prof. P. D. Dudhat, Prof. G. G. Gulhane, Prof.Ms. M. V. Girhepunje, Prof. P. D. Thamke and Prof. Ms. S. D. Ingale attended the Three Day Workshop on “Awareness of NBA Process” from 22nd December to 23rd December 2016. • Prof S. M. Agrawal, Prof. P. D. Dudhat, Prof. G. G. Gulhane, Prof.Ms. M. V. Girhepunje, Prof. P. D. Thamke and Prof. Ms. S. D. Ingale attended the short term training program on “Soft Computing Techniques” from 26 December to 31 December. <p style="text-align: center;">PROGRAMS ORGANISED UNDER DURING 2016-17</p> <ol style="list-style-type: none"> 1) Special Preparation classes for first year students on dated 25/05/2016 by S.M. Agrawal and Prof. S.S. Patil on Electrical Engineering. 2) Expert Lecture is delivered by Prof.Dr.R.J.Bhiwani under the topic of “Preparation of Project and Seminar” for final year students on dated 2nd July 2016 .Total 61 Students from final year attended the Expert Lecture. 3) Prof. P.O. Modani conducted expert lecture on “Implementation of Electrical Wiring/Switchgear Design using AutoCAD Software on dated 10th and 11th July 2016 for third year students and for final year students on 16th &17th July 2016. 4) Prolofic System Nagpur conducted seminar for third year students on dated 16 July 2016. 5) Prof. Ms. M.V.Girhepunje and Mr.Sagar Palkar conducted one day workshop on “Application of AutoCAD in Electrical Engineering” for student of Department of Electrical Engineering, on dated 21 July 2016, under IE (I) students chapter of the department.. 6) Prof. S. M. Agrawal and Prof. G.G.Gulhane conducted one day workshop on “Power
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		<p>System Computer Aided Design (PSCAD)” for student of Department of Electrical Engineering, on dated 28 July 2016, under IE(I) students chapter of the department.</p> <p>7) Prof. G. G. Gulhane conducted one day workshop on “Application of Different software in Power Systems” on dated 30 August 2016 for second year students.</p> <p>8) The department of Electrical Engineering has conducted a Three days training program on “Thermal Power Plant Appreciation” by NPTI Nagpur, with the experts Dr.V.Vidyasagar (Dy.Director of NPTI) and Mr.D.Anbarasu (Asst.Director) ,on dated 23/09/2016 to 25/09/2016 with the certification of National Power Training Institute (Ministry of Power, Govt. Of India) along with faculty of the department under IE (I) students chapter of the department. Total 125 students attended the training program.</p> <p>9) Prof. S. M. Agrawal conducted expert lecture on “Basic Components of Electrical Engineering” for second year students.</p> <p>10) Online Webcast Academia Relationship PMI Bangalore, India Chapter is conducted on dated 19/10/2017 for students.</p> <p>11) Prof. P.O. Modani conducted expert lecture on “Implementation of Electrical Wiring/Switchgear Design using AutoCAD Software on dated 10th and 11th July 2016 for third year students and for final year students on 16th &17th July 2016.</p> <p>STUDENT’S ACTIVITIES.</p> <ul style="list-style-type: none"> • Mr.Nitin Deshmukh from Final Year Qualify the Gate-2016 with Valid Score 19.7. • Students of department attend the one week PLC Training Program which arrange by T&P Department during 15/12/2016 to 14/01/2017. • Five students undergone Implant training during 29/12/2016 to 14/01/2017 at Indo
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		<p>German Tool room, Aurangabad.</p> <ul style="list-style-type: none"> • Six students form third year attended the one month training of thermal power plant in TPS, Paras during 01/06/2016 to 30/06 / 2016. • Four students attended three weeks training at super thermal power plant, Chandrapur during 15/12/2016 to 07/01/2017. • Eight students attended two days training at Government college of Engineering from 14/01/2017 to 15/01/2017 on solar power. • Forty One student attended one day program on Project Management Concepts for Students Community on 19 /10/2016 by PMI , Banglore , India Chapter 		
13	Faculty Profile	Refer (page no 47-48)		
14	Admission Quota	CAP- Institutional level		
	Entrance test/Admission Criteria	As per guidelines of Directorate of Technical Education, Maharashtra State for both UG and PG		
	Cutoff list/Last candidate admit, Fees in rupees , Number of Fee Waivers offered , Admission Calendar PIO quota			
	Civil Engineering			
		2016-17	2015-16	2014-15
	Cut off / last candidate admitted	34	26.6054	40.6945
	Fees in rupees	92940	92940	92300
	Number of Fee Waivers offered	6	6	5
	Admission Calendar	As per DTE Mumbai.		
	PIO quota	NA		
	Mechanical Engineering			
		2016-17	2015-16	2014-15
	Cut off / last candidate admitted	35	42.1802	23.22
	Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	6	6	6	
Admission Calendar	As per DTE Mumbai.			
PIO quota	NA			

Mechanical Engineering (2nd shift)

	2016-17	2015-16	2014-15
Cut off / last candidate admitted	38	62.6774	30.32987443
Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	Nil	Nil	Nil
Admission Calendar	As per DTE Mumbai.		
PIO quota	NA		

Electronics & Telecommunication Engineering

	2016-17	2015-16	2014-15
Cut off / last candidate admitted	53	39.3158	12.07022 (AI Rank)
Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	Nil	6	5
Admission Calendar	As per DTE Mumbai.		
PIO quota	NA		

Computer Science & Engineering

	2016-17	2015-16	2014-15
Cut off / last candidate admitted	44	30.02	31.81600361
Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	2	3	3
Admission Calendar	As per DTE Mumbai.		
PIO quota	NA		

Computer Science & Engineering (2nd shift)

	2016-17	2015-16	2014-15
Cut off / last candidate admitted	43	62.500000000	20.2438 (AI Rank)
Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	Nil	Nil	Nil
Admission Calendar	As per DTE Mumbai.		
PIO quota	NA		

Electrical Power System

	2016-17	2015-16	2014-15
Cut off / last candidate admitted	39	17.402681845	10.60615 (AI Rank)
Fees in rupees	92940	92940	92300
Number of Fee Waivers offered	3	3	3
Admission Calendar	As per DTE Mumbai.		
PIO quota	NA		

	Information Technology			
		2016-17	2015-16	2014-15
	Cut off / last candidate admitted	38	34.1749	18.4384 (AI Rank)
	Fees in rupees	92940	92940	92300
	Number of Fee Waivers offered	2	3	3
	Admission Calendar	Common for all branches		
	PIO quota	NA		
15	Infrastructure information			
	Classroom/Tutorial Room facilities	Total 32 Class Room and 18 Tutorial Halls, 1 Drawing Halls (317.84 Sq.M.). Refer (Page No. 49)		1
	Laboratory details	Refer (Page No. 59-66) & (Page No.50-51)		
	Computer Centre facilities	<ul style="list-style-type: none"> • Number and Configuration of Systems 788 (P-IV & Above) • Total number of systems connected by LAN/WAN – 504 • Hi-End Servers : HP DL380 G5, HP ML150. HP ML 110, Sonicwall Firewall NSA-4500. • Internet bandwidth – 65 Mbps • Leased Line Internet : 65 Mbps Idea. • Major software packages available Microsoft Campus Aggrement. • Application S/w-192, System S/w-296 Refer (Page No. 52)		–
	Library facilities	<ul style="list-style-type: none"> • Total area of the library (Sq.M) – 1426.76 • Seating capacity of the library _ 200 Readers • Reprographic facility (yes / No) __Yes • Working hours of library __9 am to 9 pm • Library Networking facility (Yes/No) - Yes • 629 e-Journals (Sci. Direct) (Refer Appendix – V) and DelNet • Usage data of the library (in terms of books issued to the faculty & students etc.) 56469 Books [Jul-07 to Jun-08] (Ref. section refer books & JI's total no. of readers 7285) • Annual library budget (% of annual student fee collected) __ 12 Lakhs 		–

		[1.5% of annual Student fee collection] Refer (Page No. 53)
	Auditorium / Seminar Halls / Amphi	Separate centrally air cooled auditorium with 700 seats capacity. Refer (Page No. 54-55)
	Cafeteria	Cafeteria is available in the campus. Refer (Page No. 55)
	Indoor Sports facilities	Badminton Cement court-3, Table Tennis-4, Carrom & Chess Rooms-4. Refer (Page No. 56)
	Outdoor Sports facilities	Cricket, Football-1, Volley ball-4, Tennis court-2, Basket ball cement court-1, Ball Badminton-1. Refer (Page No. 56-57)
	Gymnasium facilities	Multigym 16 Station, Powergym free weight. Refer (Page No. 57-58)
	Facilities for disabled	Available.
	Any other facilities	Broadband, Leased Line, AS/400 Server, HCL Magnum, 24 Hr. Internet lab, Campus wide Fiber optics LAN, College is going for Wi-Fi within month time.
16	Boys Hostel	4 Hostel Buildings – 497 Rooms – Total Area 15113 Sq.M.
	Girls Hostel	2 Hostel Buildings – 103 Rooms – Total Area 1192 Sq.M.
	Medical & other Facilities at Hostel	Canteen, Co-operative Mess, Juice Centre, Cooperative store, Audio-Video facilities, Parking, 140 KVA Diesel Generator, 24 Hrs. ambulance facility is available in the campus & Medical facility is also available within 1 Kms. Area from the campus.
17	Academic Sessions	
	Examination system, Year / Sem	Semester wise.
	Period of declaration of results	As per University calendar
18	Student Insurance	Yes
19	Students Activity Body	
	Cultural activities	Annual social gathering “GAIETY”, is organized 35 every year University level Youth festival activities are organized in the
	Sports activities	Both college level and university level sports (indoor and outdoor) activities are organized in the campus.
	Literary activities	Literary articles are part of “Impetus” annual student magazine

	Magazine / Newsletter	Impetus” Annual Students magazine and a news letter is published
	Technical activities / TechFest	“Threshold” a National level technical paper contest, Technical model exhibition is organized every year during annual gathering. “ZEAL” (Tech Fest) in which Technical quiz, Robowar, Roborace,Poster competition, Lan gaming, etc. are conducted every year.
	Industrial Visits / Tours	Organized as per need of syllabus
	Alumni activities	Alumni meet is arranged every year.
20	Name of the Information Officer for RTI	Prof. Dr. H.B.Nanavala
	Designation	Principal
	Phone number with STD code	07233-245299
	FAX number with STD code	07233-246316

LIST OF Regular TEACHING STAFF (Session 2019-20) Page No. 59

1 Professor Dr. H. B. Nanvala, Principal (P.G.)

Electronics & Tele. Engg. Deptt.

- 1 Professor Dr. N. P. Jawarkar, HOD
- 2 Professor Dr. R. J. Bhiwani (P.G.)
- 3 Professor Dr. A. N. Gaikwad (PG. CSE)
- 4 Professor Dr. Vasif Ahemad
- 5 Professor Dr. S. N. Dandare (P.G.)
- 6 Asso. Professor Mr. M. A. Khan
- 7 Asso. Professor Dr. N. A. Charaniya (P.G.)
- 8 Asso. Professor Mr. K. M. Punwatkar
- 9 Asso. Professor Ms. M. A. Jiwani
- 10 Asso. Professor Mr. K. S. Dongare
- 11 Asstt. Professor Mr. V. V. Dahale
- 12 Asstt. Professor Mr. Umesh U. Waghmare

Electrical Electronics & Power Engg. Deptt.

- 1 Asso. Professor Mr. S. M. Agrawal, HOD
- 2 Asso. Professor Mr. S. S. Patil
- 3 Asstt. Professor Mr. P. D. Dudhat

Mechanical Engg. Deptt.

- 1 Professor Mr. A. M. Wankhade, HOD.
- 2 Asso. Professor Mr. M. S. Khan
- 3 Asso. Professor Mr. G. K. Gattani, (P.G.)
- 4 Asso. Professor Mr. V. V. Dongaonkar
- 5 Asso. Professor Mr. S. K. Bidwai
- 6 Asso. Professor Mr. M. A. Ali
- 7 Asso. Professor Mr. J. G. Ingle
- 8 Asso. Professor Mr. S. J. Rajpal (P.G.)
- 9 Asso. Professor Mr. K. K. Jadhav
- 10 Asso. Professor Mr. S. S. Bhagwat

Work Shop Deptt.

- 2 Asso. Professor Mr. S. V. Chopade
- 3 Asso. Professor Mr. S. G. Labhsetwar

Applied Physics Deptt.

- 1 Asso. Professor Mr. A. S. Rahate, HOD
- 2 Asso. Professor Mr. D. D. Tatwadi

Applied Chemistry Deptt.

- 1 Professor Dr. H. K. Wankhade, HOD
- 2 Asso. Professor Ms. V. W. Shiwardkar
- 3 Asso. Professor Mr. R. P. Godbole,

* on lien

Civil Engg. Deptt.

- 1 Professor Dr. K. Ravi (P.G.)
- 2 Professor Dr. S. H. Mahure, HOD (P.G.)
- 3 Asso. Professor Dr. T. N. Boob
- 4 Asso. Professor Mr. S. R. Bhosale
- 5 Asso. Professor Mr. S. S. Zambani
- 6 Asso. Professor Mr. J. H. Verma
- 7 Asso. Professor Mr. J. B. Deshmukh
- 8 Asso. Professor Mr. R. T. Pachkor
- 9 Asso. Professor Mr. S. M. Mahajan
- 10 Asso. Professor Mr. S. D. Charkha
- 11 Asso. Professor Mr. A. C. Saoji (P.G.)
- 12 Asso. Professor Mr. V. M. Mudpe

Comp. Sci. & Engg. Deptt.

- 1 Professor Dr. S. Y. Amdani, HOD, (P.G.)
- 2 Asso. Professor Mr. S. T. Khandare (P.G.)
- 3 Asso. Professor Mr. S. S. Asole
- 4 Asstt. Professor Mr. P. H. Pawar

Information Technology Deptt.

- 1 Asstt. Professor Mr. Sohel A. Bhura, HOD
- 2 Asstt. Professor Mr. Amol S. Dudhe
- 3 Asstt. Professor Ms. Pronima B. Niranjane

Applied Maths

- 1 Professor Dr. S. V. Thakare, HOD
- 2 Asso. Professor Mr. M. P. Landge
- 3 Asso. Professor Mr. S. B. Pundkar
- 4 Asso. Professor Mr. S. K. Sarkate,

Sports Deptt.

- 1 Dy. D.P.E. Mr. A. J. Tiwari, HOD
- 2 Dy. D.P.E. Mr. S. P. Washimkar

Training & Placement Deptt.

- 1 Asso. Professor Mr. M. R. Vyavhare

LIST OF Ad-hoc TEACHING STAFF[Session 2016-17] Date : 01/10/2016

Civil Engg. Deptt.

- 1 Asstt. Professor Mr. Prashant D. Modani
- 2 Asstt. Professor Soheb Ahmed Khan
- 3 Asstt. Professor Mr. Sachin U. Rathod
- 4 Asstt. Professor Mr. Sk. Akram Sk. Salim
- 5 Asstt. Professor Ms. Saudamini Y. Jambhulkar
- 6 Asstt. Professor Mr. Syed. Ibrahim
- 7 Asstt. Professor Mr. A. D. Raut
- 8 Asstt. Professor Ms. Tejal S. Gyanchandani
- 9 Asstt. Professor Mr. Milind P. Deshmukh
- 10 Asstt. Professor Mr. Manoj K. Pandey
- 11 Asstt. Professor Mr. R. S. Bhasme
- 12 Asstt. Professor Mr. Amol P. Chavhan
- 13 Asstt. Professor Mr. Nitin R. Shukla
- 14 Asstt. Professor Ms. P. R. Jadhav (CSE)
- 15 **Asstt. Professor Siddharth Yadav**
- 16 **Asstt. Professor Swapnil Lahane**
- 17 **Asstt. Professor Chaitanya Ghate**
- 18 **Asstt. Professor Nishant Thakare**
- 19 **Asstt. Professor Avishek Ghosh**
- 20 **Asstt. Professor Zerusha Gani**

Mechanical Engg. Deptt.

- 1 Asstt. Professor Mr. Parmod K. Jadhav
- 2 Asstt. Professor Mr. Atish B. Dighewar
- 3 Asstt. Professor Mr. Mohd. Raazik
- 4 Asstt. Professor Mr. Firoz I. Mirza
- 5 Asstt. Professor Mr. Md. Ashfaq A. Bhura
- 6 Asstt. Professor Mr. S. A. Chintamani
- 7 Asstt. Professor Mr. Prafull R. Sakharikar (w/s)
- 8 Asstt. Professor Mr. Md. Pravez Agwan (w/s)
- 9 Asstt. Professor Mr. A. P. Purde
- 10 Asstt. Professor Mr. Avinash M. Rathod
- 11 Asstt. Professor Mr. P. M. Deshmukh
- 12 Asstt. Professor Mr. Kishorkumar K. Khandare
- 13 Asstt. Professor Mr. N. N. Pawar
- 14 Asstt. Professor Mr. P. R. Vitalkar
- 15 Asstt. Professor Mr. Sushheel S. Mundada
- 16 Asstt. Professor Mr. Milind M. Rathod
- 17 Asstt. Professor Ms. Rujuta M. Nakhale
- 18 Asstt. Professor Ms. V. C. Bartore
- 19 Asstt. Professor Mr. Mahesh Kr. G. Markate
- 20 Asstt. Professor Ashwini K. Chaturle (CSE)
- 21 Asstt. Professor Ms. Mohini M. Ade (CSE)
- 22 Asstt. Professor Ms. Dipi V. Jilhare (CSE)
- 23 Asstt. Professor Mr. Ranigrao S. Chavhan (CSE)
- 24 Asstt. Professor Ms. Ashmita D. Rathod (CSE)
- 25 Asstt. Professor Ms. Monal B. Sarma (CSE)
- 26 **Asstt. Professor Mr. Vijay V. Gandhewar**
- 27 **Asstt. Professor Nitin Kotwal**
- 28 **Asstt. Professor Sumit Totade**
- 29 **Asstt. Professor Gandhar Patwardhan**
- 30 **Asstt. Professor Ahinshu Ghosh**

Humanities Scinece

- 1 Asstt. Professor Mr. R. S. Patwardhan
- 2 Asstt. Professor Ms. V. M. Yennawar
- 3 Asstt. Professor Mr. A. Y. Polkat
- 4 Asstt. Professor Mr. G. P. Markate
- 5 Asstt. Professor Ms. A. N. Thenge
- 6 Asstt. Professor Ms. Dakshita C. Mule
- 7 Asstt. Professor Mr. Manish G. Thakare
- 8 Asstt. Professor Ms. Jaishri R. Shelar
- 9 Asstt. Professor Ms. Savita N. Keshiwani
- 10 Asstt. Professor Mr. Shankar S. Choudhari
- 11 Asstt. Professor Mr. Sachin N. Rathod
- 12 Asstt. Professor Mr. S. R. Tiwarangkar
- 13 Asstt. Professor Ms. A. P. Mohelkar #
- 14 Asstt. Professor Mr. Vikas V. Pandey #

Electronics & Tele. Engg. Deptt.

- 1 Asso. Professor Mr. A. H. Soni
- 2 Asstt. Professor Mr. Abdul Sattar
- 3 Asstt. Professor Ms. S. M. Pokale
- 4 Asstt. Professor Mr. S. I. Khan
- 5 Asstt. Professor Mr. N. N. Khatre
- 6 Asstt. Professor Ms. Ankita H. Deshmukh
- 7 Asstt. Professor Ms. Noopur D. Gabbhade
- 8 Asstt. Professor Ms. Chaitali V. Deshmukh
- 9 Asstt. Professor Ms. Vasundhara H. Lokhande
- 10 Asstt. Professor Ms. Naina A. Gaikwad
- 11 Asstt. Professor Ms. Akanksha P. Thakare
- 12 Asstt. Professor Ms. Harsha R. Panchariya
- 13 Asstt. Professor Ms. Sarna D. Dhangare
- 14 Asstt. Professor Ms. Rita R. Ingle
- 15 Asstt. Professor Mr. Dhananjay R. Matre
- 16 Asstt. Professor Mr. Vaibhav P. Raut
- 17 Asstt. Professor Ms. Snehal D. Dalhake (CSE)
- 18 **Asstt. Professor Ashish Jawarkar**
- 19 **Asstt. Professor Amol R. Madane**

Electrical Electronics & Power Engg. Deptt.

- 1 Asstt. Professor Mr. G. G. Gulhane
- 2 Asstt. Professor Mr. P. D. Thamke
- 3 Asstt. Professor Ms. Swati D. Ingle
- 4 Asstt. Professor Mr. S. V. Mukhare
- 5 Asstt. Professor Ms. P. V. Rathod
- 6 Asstt. Professor Ms. Rashmi S. Moharil (ECN)
- 7 Asstt. Professor Ms. Rupali R. Umekar (ECN)
- 8 Asstt. Professor Mr. Amit D. Purohit (CSE)
- 9 Asstt. Professor Mr. Nikhil D. Dixit (CSE)
- 10 Asstt. Professor Mr. Dhiraaj D. Rathod (CSE)
- 11 **Asstt. Professor Mr. Aniket Chaudhary**

Comp. Sci. & Engg. Deptt.

- 1 Asstt. Professor Mr. Satish R. Jadhav
- 2 Asstt. Professor Mr. Prashant A. Bhalge
- 3 Asstt. Professor Mr. S. Y. Gawali
- 4 Asstt. Professor Mr. G. B. Regulwar
- 5 Asstt. Professor Mr. Pankaj B. Pawar
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- 8 Asstt. Professor Mr. Sachin D. Chavhan
- 9 Asstt. Professor Ms. Bhagyashri L. Agashe
- 10 Asstt. Professor Ms. Renushree M. Bodkhe
- 11 Asstt. Professor Mr. Muzammil M. Ahmad
- 12 Asstt. Professor Mr. Gopal S. Ade
- 13 Asstt. Professor Ms. Sheetal K. Padmawar
- 14 Asstt. Professor Ms. Seema Y. Meske
- 15 Asstt. Professor Ms. Sonal R. Papnawar
- 16 Asstt. Professor Mr. Shrikant B. Chavhan
- 17 Asstt. Professor Ms. Sheetal S. Chavhan
- 18 Asstt. Professor Ms. Komal V. Dhole
- 19 Asstt. Professor Ms. Dipali S. Gaikwad
- 20 Asstt. Professor Ms. Akshada D. Yevotkar
- 21 Asstt. Professor Ms. Akanksha P. Deshmukh
- 22 Asstt. Professor Mr. D. G. Thakare
- 23 **Asstt. Professor Mr. Sal Nageshwar Rao chawadi**
- 24 **Asstt. Professor Mr. Vaibhav Saware**
- 25 **Asstt. Professor Mr. Vaibhav Dawane**

Information Technology Deptt.

- 1 Asstt. Professor Mr. N. U. Chitpe
- 2 Asstt. Professor Mr. U. S. Venulkar
- 3 Asstt. Professor Mr. S. R. Fayawade
- 4 Asstt. Professor Mr. Saurabh A. Thakare
- 5 Asstt. Professor Mr. Nilesh A. Chintamani
- 6 Asstt. Professor Mr. Nilesh V. Wankhade
- 7 Asstt. Professor Ms. Sneha R. Madane
- 8 Asstt. Professor Ms. Rachana A. Agrawal
- 9 Asstt. Professor Mr. Rohit A. Mulkawar
- 10 Asstt. Professor Ms. Prajakta P. Fundalwar (ECN)
- 11 Asstt. Professor Mr. Faizal Amdani

(* On Ilen, # CHB Staff) [Total Staff : R-59 +A-128+ CHB.2 = 189]

CLASS ROOMS



DRAWING HALL



LABORATORY



LABORATORY



LABORATORY



LABORATORY



LANGUAGE LAB



COMPUTER CENTRE



LIBRARY



LIBRARY



AIR COOLED AUDITORIUM WITH CAPACITY OF 700 SEAT



SEMINAR HALL (03 Nos.)



ADMINISTRATIVE BUILDING



CAFETERIA



INDOOR GAMES



OUTDOOR GAMES



OUTDOOR GAMES



GYMNASIUM



GYMNASIUM



LABORATORY:

For each Laboratory

➤ List of Major Equipment/Facilities

Civil Engineering :

S.No	Name of the Laboratory / Workshop	Major Equipment
1	Fluid Mechanics	Pipes & fitting including electrical fittings. Propeller Current meter & digital display, Titrating Flume (6 meter length)
2	Soil Mechanics	Direct Shear Test, Triaxial Test, C.B.R. Apparatus, Soil Trimmer (NISCO) (Motorized), Plate bearing Test Apparatus With Accessories, Oil/Water, constant pressure System for Tri axial Test, Earth resistivity meter With Accessories, C.B.R. mould made of steel metal (IS.9669) (6 nos.), AFCOSET ELECT. Analysis Balance (Cap – 120 gms, Accuracy – 0.1 mg.)
3	Transportation Engg.	Los Angle's abrasion test M/c, Deval's abrasion test M/c, Marshal stability apparatus.
4	Environmental Engineering	Vertical Autoclave, Spectrophotometer (Digital spectrochlem), Incubator (Biological), Remis Incubator (Cooling), Water Analyzer kit, Photo flame meter Digital), Glass wares, Glass Double distillation plant. High volume air sampler, Centrifuge model, A.C. Voltage stabilizer, Spectrophotometer.
5	Survey	Transit Vernier Theodolites (6 nos.), Automatic level, Shamiyana, Shoulderies & single fly staff officer tent. Tarpaulins, Prismatic Compass Tape 30 mt. leveling staves. Transit Vernier & etc. Kanats & officers Tents. Through Compass Everest man Vernier Transit Theodolite (6 nos.), Tarpolines (15x15 Ft. – 5 nos.) (21x24 Ft – 2 nos.), (18x12 Ft - 2 nos.), (9x9 Ft – 3 nos.), Digital planimeter palcom (model KP, 90N) (3 nos.), Glob for Measurement of Latitude And Longitude, Chetak Verniour Transit Thedolite (3 nos.).
6	Material Testing	Universal Testing machine, Impact testing machine, Fatigue testing machine, Extensometer, Shear testing apparatus, Tensile Testing machine (upto 500 kg.), Torsion Testing Machine 50 Kgm
7	Concrete Technology	C Compression testing machine, Electronic Balance Capacity 15 kg. Accuracy 1 gm.), Automated curing tank, Concrete Permeability apparatus, Air Compressor for Concrete Permeability apparatus
8	Structural Engineering	Begg's Deformator, Research Polariscope, Universal Frame, Strain gauge, Software of STADD III 2 master disk + 8 other disk - Loading Frame 100 tons capacity, Diflection of Trusses Apparatus, Begg's Diformeter Set
9	Computer Lab.	Printer Dot matrix L&T L32 160 CPS, Room Air Conditioner, Voltage stabilizer with Buck & Buster, Aplab static voltage stabilizer – 2 KVA, Automatic voltage regulator NEWLITE make – 4 KVA, STADD III/ISDS Module Ver 11.1, Pentium Computer System, PC/AT-286, Computer System, Pentium 4 with 128 MB RAM (2 nos.), Pentium 4 with 256 MB RAM (2 nos.), Auto Architect desktop software Version 3.3, Dot matrix printer, Panasonic PT-PC50E micro portable LCD Projecter, Kodak Ektalite E-30 Overhead Projecter, Intel P-4 2.4 Ghz(BOX) with intel

S.No	Name of the Laboratory / Workshop	Major Equipment
		845GVSR Original M/B 256 MB DDR SD RAM, Printer DMP 136 Col. 24Pin 342 CPSIL X1170 (10 nos.), H.P. Laser Printer 1015, HP Dx 2300 Intel Dual Core 2.8 GHZ, Laptop (HP), AC 2 T. (Blue Star make), CADian Professional 2008 site license, Constructor 2007, Estimator 2007, ETABS (5 nos.)
10	Hydraulic Machines	Palton Wheel Test rig, Francis turbine test rig, Centrifugal pump test rig, Universal air lift pump
11	Geology	Polarized microscope (04 nos.)

Mechanical Engineering :

S.N.	Name of the Laboratory / Workshop	Major Equipment
1	Automobile	Cut Section of a Car Model, Infra RED Exhaust Gas Analyzer Model TD-2040 with Standard Accessories, Diesel Smoke Meter Model -DX 200 CAMIC Along with Standard Accessories.
2	Drawing Models Laboratory	Variuos models of joints, couplings, Pyramid, Cone, Cylinder, Prism, Sphere, wired models, etc.
3	Refri. & Air Conditioning Lab.	Vapor compression Refrigeration Test Rig, Air Conditioning Test Rig, Cut Model Control Panel, Anemometer, ICE Plant Tutor, Digital Temp. Indicator, Gas Charging Station Unit.
4	Dynamics Mech. Measurement & NES Lab.	Pressure measurement Rota meter, Dead weight pressure gauge tester, Level measurement module, Strain Gauge Indicator with Lathe Tool Dynamometer, H.E.M. Made Instrumentation Tutor part I,II,III, Hydraulic Control Trainer, Pneumatic control Demo kit, H.E.M. Make Strain Gauge Indicator, Electro pneumatic Converter, Precision pyranometer, Thermoelectric Pyrheliometer, Sun shine recorder with cards, Liquid flat plate collector test rig. VIB Lab. Whirling of shaft apparatus etc.
5	Metrology Lab.	Slip gauge set, Cylinder Bore Gauge, Gear Tooth Micrometer, Screw Thread Micrometer, Dial Bore Gauge, Mechanical Compator, Voltage Stabilizers, Room Air Conditioner Crystal /1500, Surface Roughness Meter, Gear Tooth Micrometer, Screw Thread Micrometer, Watch Tachometer etc.
6	Computer Lab.	LCD Projector, UPS, Server, L&T Printer L32,160CPS (2.) , Computer Machine P4 (46) , Window AC (3), AutoCAD 2000i (5 user), CATIA V5R9 (5 user), MSC Nastron, Patron, Visual Nastron 4D, Oracle 9i (5 user), Window Server, ProE Wild Fire 3.0 (5 user), ANSYS 11 Software (5 user), LCD Projector, Lap Top HP. FMS system consisting of two mentor Robots, accessories & work cell component, etc.
7	Heat Transfer Lab.	Test rigs for determination of - Thermal Conductivity of Insulating Powder, Thermal Conductivity of Metal Bar, Heat Transfer from Pin Fin, Heat Transfer in natural Convection, Emissivity Measuring Apparatus, Boiling Heat Transfer Unit, Heat Transfer Through Composite Wall, Stefan Boltzman Apparatus, Finned Tube Heat Exchanger.

S.N.	Name of the Laboratory / Workshop	Major Equipment
8	Metallurgy Lab.	Metallurgical Microscope with accessories polishing station, Inverted Metallurgical microscope with accessory, Muffle (Not Working) Furnace, Muffle Furnaces, etc..
9	Mechanical Measurement Lab.	Pressure Gauge Bourdon"s type, Constant Volume Thermometer, Strain Gauge Indicator with Lathe Tool Dynamometer, H.E.M.Made Instrumentation Tutor part I,II,II, H.E.M.Make Strain Gauge Indicator, Hydraulic Control Trainer, Pneumatic control Demokit, Speed Measurement Module, Dead Weight Pressure Gauge Tester, Level Measurement Module, Rota Meter, Pressure Measurement, Strain Gauge, Linear Variable Differential Transformer Module.
10	Photography Lab.	Enlarger (Alfa) with 4.5 to 7.5 lens of Hansa, Stadelar Pen (0.3), Letrasel book, Stadelar pen (0.6), Cutter, Scissor etc.
11	Unconventional Energy Sources Lab.	NI Precision Pyranometer, NI Thermoelectric Pyrheliometer, NI Sun Shine Recorder with Cards, Liquid flat Plate Collector Test Rig, Fibre Water Tank (Plasto) 500 Litter,
12	Energy Conversion Lab.	Cocharan Boiler (Model), Vertical Water Tube Boiler, Marcent Boiler, Cornish Boiler, Babcock Wilcox Boiler etc.
13	Hydraulic Lab	Francis Turbine, Radial Turbine Pump Model, Gear Pump, Centrifugal Pump, Reciprocating Pump, Hydraulic Elevator etc.
14	Internal Combustion Lab.	4 stroke single Cylinder Diesel Engine Test Rig, Air Compressor Test Ring, Indicatar Cutable for Two Stage 15KSC/7.5 HP 2 Cylinder Air Compressor Test Ring, Blower Test Rig, Single Cylinder 2 Stroke Petrol Engine Test Rig, 4 Stroke 4 Cylinder Petrol Engine Test Rig, Computer Based IC Engine Test Rig etc.
15	FMS Lab	Pick & Place Robots with Conveyor & Indexing Table

Workshop:

S.N.	Name of the Laboratory / Workshop	Major Equipments
1	Smithy Shop	Smithy hearths, Anvil, Tools and other minor tools.
2	Machine/Turning Shop	Universal column & Knee type milling m/c, Shaper machine 12", Radial drilling machine, Lathe M/c (Omega, Shimga, Parmer, Capstan, H.G.),CNC M/c, Master model Lathe Padmini and other minor tools.
3	Welding Shop	Welding transformers (air & oil wired), Spot welding M/c, Gas Welding Unit, Grinder.
4	Fitting Shop	Drilling M/c, Hard Press, Hydraulic Power Saw, Too grinder & other tools and equipments.
5	Sheet Metal Shop	Edge folding & binding M/c, Sheet Folding M/c, Grinder and other tools, equipments.
6	Carpentry & Pattern Making Shop	Wood Turning Lathes, Universal wood working M/c, Band saw, Jig & freight saw, Belt & disc sander, griner, other tools and equipments.
7	Moulding Shop	Blower M/c with bit furnace, Grinder, Other moulding tools and equipments.

Electronics & Telecommunication:

S.N.	Name of the Laboratory / Workshop	Major Equipment
1	Microprocessor/DSP/VLSI	VLSI Design Software XILINX ISE Series Ver. 9.2 with Spartan-III based VLSI Kit (N-User), VLSI-VHDL-VERILOG-FPGA-CPLD (Single user, 5 Nos.), MATLAB DVD Kit for PC & Unix Release - R2008a (10 User), ORCAD- Capture, PSPICE and Layout (EDA Software) R 9.2, DSP Trainer Kits (5 Nos.), DSP System Generator Ver. 9.2 (N-User), Universal Kit for Xilinx CPLD Xc9572 devices (on board), Model-EDASX2 and Spartan FPGA Device (2 Nos.), DLP Projector, HP Server Proliant ML 150, CRO 30 MHz (2 Nos.) CRO 20 MHz (2 Nos.), Microcontroller trainer kit 89C51 (10 Nos.) AVR Mega-32 Microcontroller kits (4 Nos.), Beagle board (2 Nos.), Logic Analyzer, ESA-PCI DAS card, Computer P-4 (11 Nos.), HP make core to duo Computer with 18.5" TFT (46 Nos.), Laser Printer HP-1015, Universal Programmer Superpro/Z, Notebook Computer HP-Make, 32 bit ARM Kit (2 Nos.), Four channel Dual 3006 stereo daughter card (2 Nos.), MSP 430 Starter kit (2 Nos.), Caddo 823 Techlab 30 MHz, 2 Ch 4 tract with 2MHz function Generator, triple output power supply frequency counter, Microsoft MSDN Alliances, PC Add-on card ALS-PC-27 - ADC/DAC/Opto Isolated I/P & O/P, Static voltage stabilizer, Model:9313A, Aplab-Make (2 Nos.), 8085 & 8086 ICE Circuit Emulator "CHOICE", ADM Make, ICE-2 In Circuit Emulator,
2	Communication Engineering	Spectrum Analyzer, CRO Dual Trace (11 No.) CRO Four Trace, Signal generator (FM/AM) Radar 2354, Strowger Exchange 50-7 lines, Computer P4 (6 Nos.), Caddo 823 TechLab.,
3	Electronics Workshop	CRO(9 Nos.), Process Camera, Photo Resist Dip Coating Machine, Photo Resist Ultravioleted Rich exposing unit, Etching Machine, Tinning Machine, Automatic Coil winding Machine, PCB Etching Machine (AGIT), Overhead Projector (2 Nos.), Automatic Digital IC Tester, PTH Unit, Sheet Folding Machine, Dry Film Laminator, Dry film developing Unit, Screen Printing Machine, Dip Soldering Machine, Overhead head Projector Kodak Ektalite E30/E31(2 Nos.), Computer P4(23 Nos.)
4	UHF & Microwave	Colour T. V. Trainer main board 32" x 24" with colour T. V. Picture tube. All assembly with PCB working, Colour T. V. Receiver kit, CRO (Dual Trace) (3 Nos.), Tinnel Microwave Laboratory, Microwave Laboratory X-Band(2 Nos.), Microwave Laboratory C-band, Klystron with mount (9134), Analog-Digital Training System(2 Nos.), Microwave Test Bench Gunn based (x-Band), Microstrip system trainer, Intel P-4 Computers (3 Nos.), Function Generator, Component Development System(2 Nos.)
5.	Electronic Devices & Circuits	Digital IC Tester, CRO(10 Nos.), LCR Bridge Digital Type, Digital Multimeter, Function Generator, Computer P4(3 Nos.)

S.N.	Name of the Laboratory / Workshop	Major Equipment
6	Instrumentation	Recorder , CRO (6 Nos.), Trainer kits for measurement of Temperature, displacement, angular displacement, capacitive transducer, resistive hygrometer, load cell, hot wire anemometer, Hall-effect, instrumentation tutor port, D/A convertor, Speed Measurement Trainer (2 Nos.)
7	Elect. Machines / Electrical Engg.	Slipping Induction Motor, Alternator motor Set, DC Series Motor-Generator, DC Shunt Motor-Generator Set, DC Machine Assembly Kit, DC Power Supply, Oscilloscope(3 Nos.), Computer P4 (2 Nos.)
8.	Integrated Circuit	Digital IC Function Tester, CRO(8), Computer P4 (2)
9	Power Electronics	Oscilloscope (9 Nos.), Signal Digitiser- systronics, 3Phase, Induction Motor Speed Controller, Integrated Thyristor Controller(ITC)(6 Nos.), RMS/ Hund Held 4 1/2 Digital True User's Multimeter, Computer P-IV (3 Nos.) Dielectric Heating Trainer Kit, Induction Heating Trainer Kit
10	Control Systems	Regulated DC Power Supply, Torque Measurement Tutor using Torque Transducer (2 Nos.), Temperature Controller, DC Motor Speed Control Demonstration, Strip Chart Recorder
11	OFC	D. L. Video fiber optic video link separate transmitter and AGC receiver module with 12VDC power supply fiber ,Fiber optic training Lab. With Accessories Falcon make, MOP-VLG fiber optic power meter Falcon make, MOS 850 fiber optic LED power source Falcon make, FI-500 Fiber Optic continuity Tester Falcon make , CK-1000 ST Connector installation Kit, Falcon Make HE-NE Laser source, Laser Optic Lab & Glass Fiber, CCD Camera Colour , UV Mechanical Splicing kit with accessories Falcon make , Antenna system Trainer, S-936 FM (Stereo)/AM Synth. Sweep Signal + Marker generator, STS-3006 Antenna Analysis Software
12	Network	CRO (3 Nos.), K-type bandpass filter, M-derived low pass filter, phase angle meter, Digital Multimeter (4 Nos.), Fourier kit, Analog multimeter, Solid state AC milivoltmeter , Q meter model , Regulated DC power supply

Computer Sci. & Engg. :

S.N.	Name of the Laboratory / Workshop	Major Equipment / Software
1	Multimedia	Printer Dot Matrix FX-105, Printer Dot Matrix 1050, Voltage Regulator Range 184V-253V / 5KVA, (2Nos) Software:(Adobe Page Maker 6.5 plus full pack, Corel Draw 9.0, MS office 2000 full pack Professional AE, MS office 2000 full pack Professional AE MOLP Additional Licences Prince Level "A", AUTO DESK 3D STUDIO MAX AE, Microsoft Visual C++ ver 5.0 P.E, MS Visual Basic Prof.5.0 AE, MAT LAB, Wavelet Tool Box, System Identification Tool Box, Signal Processing Tool Box), Video Conferencing Kit, Macromedia Web Design Studio MX 1.1 AE, Canon Digital Camera, TV Samsung, ONIDA Make DVD Player, Printer HP COLOR LASERJET 2600N, HP DX 2300 INTEL DUEL CORE 2.8 GHZ (15 Nos.) & One Pentium IV Machine Zenith Make.

2.	Client Server	PC/AT 80386 DX 33 MHz with , 2 MB RAM (8 x 256MB), 1.44MB FDD, 260MB HDD, Printer HP500C Inkjet Color HP Make, Pentium I Machine 133 MHZ - DISKLESS (30 Nos), Licences Win 98 MOLP Additional, Software:Turbo Accelerate Suite C++(Borland), Software Microsoft Foxpro 2.6, DLP Projector Model No.U5-111 with accessories, Intel P-IV 2.4 Ghz(box) (4 Nos), HP LJ1022 Printer, Printer PSC HP 3050, HP DX 2300 INTEL DUEL CORE 2.8 GHZ (11 Nos), HP Server ML110 with 3GHZ, 1GB RAM, Laptop Zenith Director - Intel Pentium Dual Core Processor 1.73 Ghz, Scanner UMAX Scanner 5600.
3.	IBM Rational Rose	Aplab Line Voltage Regulator Model 9124 input 184V-253V Output 230V+0.57 Max Current 22 Amps.Capacity 5 KVA max (2Nos),, AC – 2 Nos. Software: J Builder Developer Ed. AE (Ind : JDK 1.3), Laser Printer HP 1015, Software IBM Rational suite Enterprise with 15 floating licences, IBM Rational suite Enterprise, HP DX 2300 INTEL DUEL CORE 2.8 GHZ/512 DDR/80GBHDD SATA/DVD WRITER/MMKB/OPTICAL MOUSE/17" TFT MONITOR (21 Nos), HP LJ1020 Printer, Blue Star A/C 2 tonne with installation, with Remote (2 Nos)
4.	STLD Lab	Microsoft CS-5.1 optimizing Compiler, Printer L&T L32 Col 160 CPS, 80386 Computer Systems :80386 DK Moth. Board 33 MHz, 2 MB sim Memory>(*x256),1.44MB, 3.5 FDD,IDE Controller Card,SMPS : 200 Watts,260MB HDD, Segate,Dual Frequency Monitor (22 Nos), Training Kit:: a)SBC-51#1507, b)SMPS, Cable & converter microassembly (2Nos), Circuit maker s/w with device, cable, Aplab Line Voltage Regulator, Intel P-IV 2.4 Ghz(box) with intel 845 GVSR original M/B (4 Nos), HP LJ1020 Printer, HP LASERJET 1020 (3 Nos), P-IV 1.9 GHZ(20 Nos), PC/AT 80386 DX 33 MHz with Moth. Board (07 Nos) , 1050 : 9 pin 300 cps WIPRO, Printers DeskJet 500C
5.	Linux Lab	DSP-Trainer Kits L&T, Wipro P-IV PCs (27 nos) Over head Projectors (2 Nos), DLP Projector US 111
6.	Programming Lab	Printer 80 Letter Quality Printer, Aplab Servo Controller automatic line voltage regulator, PC/XT(10 MHz) (28 Nos), Air Conditioner, Printers Paragon 36, PENTIUM 133 MHZ (2 Nos), P-IV 1.9 GHZ (20 Nos), Printer 1050 : 9 pin 300 cps WIPRO, Printers DeskJet 500C
7.	Microprocessor Lab	Pair of Line Driver, ADM 8088/86 max min mode disassembly pods model pod with power supply (10 Nos), Dual Trace Oscilloscope, Built in Curve Tracer ,Composite triggering,Variable Hold off (8 Nos), DYNA KIT - Dyana-86L#260830 with keyboard MODEL DYNA-86L Sr.No.Pylomax 2608 (3 Nos), MODEL ADM-LA 480 PC compatible logic analysis system(48 channel), ADM PD1-100 General purpose pods(100 MHZ)model pd 10, ADM PD-48 General purposepods(25MHZ) Model pd 48, Microprocessor based CUB KIT 8085 Anshuman Make 8085 with Power Supply (10 Nos), EPROM Programmable Model EPA27 (5 Nos), Memory I/O Study Card Anshuman make (5 Nos)
8.	R & D Lab	Intel P-IV 2.4 Ghz(box) (26 Nos), Intel P-IV 2.8 Ghz(box) (7 nos)
9.	IBM AS400 Lab	IBM AS/400 SERVER WITH V3R7 OS/400, TERMINAL LOGIC UNIT, 121 KEYS K/B, 2X4 GB HDD, CD ROM, CTD DRIVE, MONO VGA MONITOR, AND PRELOADED SOFTWARES. INCLUDING CAT 5 NETWORKING OF AS/400 & CS LAB, APC Make : 1KVA, External CD Writer Model 7500 series HP

		(24x14x14X), HP DX 2300 20 Nos.), Projector XD 1160 ACER, Turbo C++ Software, MSDOS 6.22 Software.
10	Database Lab	PENTIUM 133 MHZ (24Nos), Wipro P-IV, 1.6 GHz (09 Nos), Intel P-IV 2.4 Ghz(box) (04 Nos), HP DX 2300 DUAL CORE 2.8 GHZ(03 Nos), Oracle 8i with Developer 2000.
11	EDC Lab	Digital IC Tester, CRO(10 Nos.), LCR Bridge Digital Type, Digital Multimeter, Function Generator, Computer P4(3 Nos.)

Information Technology :

S.N.	Name of the Laboratory / Workshop	Major Equipment / Software
1	Cisco Network Academy Lab	Intel P-IV 2.4 Ghz(box) (20 Nos), CISCO 1841 MODULEAR ROUTER W/2 X FE, (3 Nos), ACS-1841-RM-19, RACK MOUNT KIT FOR 1841## (3 Nos), CAB-SS-V.35 MT (3 Nos), WS-C2900-24TT-L CATALYST 2960, 24 10/100 + 2 1000 BT LANE BASE IMAGE (3 Nos), WRT310N - SG WIRELESS-N BROADBAND ROUTER (1 WAN GE 24 GE BROADBAND ROUTER) (2 Nos), Epson LCD PROJECTOR WITH SCREEN
2	Networking Lab	L&T 300 CPS Printer, HP LJ1022 Printer, UPS APC 3KVA Offline with batteries, Intel P-IV 2.4 Ghz(box) (20 Nos)
3	Software Development Lab	SW: MAT LAB & Tool Boxes, Novell Netware Server 5.0 + 5 Connection 300340891, NW-5 25 Connection additional licence 400108996, MS Visual Studio Enterprises A.E. V6.0, Turbo Accelerate Suite C++(Borland) (30 Nos), LINUX Prof. 8.0, J Builder Developer Edd.AE (Ind.Jdk 1.3) H/W : HP TC 2120 WITH CPU Regulatory Model 5X150308652-001, Additional 86.4 GB SCSI Drive CPU, HP LJ1022 Printer, HP COLOR LASERJET 2600N, EXTERNAL HDD 500 GB, HP COMPAQ DX2255 AMD Athlan 3500 GHz with Net Gear Card (20 Nos), HP Server Brilliant ML 150 CPU, UPS APC 3KVA Offline with batteries Smart UPS-3000,
4	Embedded lab	L&T 300 CPS, DSP Using TNS 820025, DSP Trainer (Stand 18NPC 101 Keyboard., DSP Trainer kit TMS320C30 (2 Nos), OTS Low Cost AD ADC/DAC Cord Assembly, HP Pavilion DV 212TV Notebook PC Dual Core 1.7/ 512 / 80GB / DVD RW/1.3mp webcam/BT/WI-FY/40., HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80 GB/DVD Combo Drv. CPU With Net Gear Card (10 Nos), Tablet PC HP 1301 CNF73554Q6, SCRAM development toolset for ARM Micro controller, Mini ARM 2378 with LCD Display (2 Nos), MA EXP Board (2 Nos), Arm SBC 9302 with 8MB flash & 3.2 MB RAM (2 Nos), DE2 Board with Mega Pixel Camera Module & Color Graphics LCD Display, Computer Dyna EmbTech#140 Embedded Kit with power supply
5	Project Lab	HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80 GB/DVD Combo Drv with Net Gear Card WI-Fi (17 Nos)
6	Programming Lab	HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80

		GB/DVD Combo Drv with Net Gear Card WI-Fi (20 Nos)
7	Internet Lab	THINCLIENT ENTER PCBUDDY NETWORK COMPUTING TERMINA, HP Server Brilliant ML 150, THINCLIENT ENTER PCBUDDY NETWORK COMPUTING TERMINAL with 15” TFT.- 30 Nos. , Split AC 2 Tonne x 2 No
8	Thin Client Lab	Thin client Server with 30 clients, Pentium with 16 MB RAM,FF 1.44, Mono VGA Monitor - AM7-131054, 101 K/B, Scroll Mouse RP-Tech with Thin Client Card (23 Nos), HP DX 2300 DUEL CORE 2.8 GHZ, EXTERNAL HDD 400 GB, DLINK DE816TP 10BASE T ETHERNET HUB 16 PORTS, DLINK DES3226S ETHERNET SWITCH 24 PORTS,
9	Maintenance Lab	Electronically Temp. controlled soldering & Desoldering Station DDTOS-1700, AMI Diagnostic, Semantic Nortons Antivirus for 2000 (for Win95/98/NT), Semantic Nortons Antivirus for DOS
10	Language Lab	Teacher Console, IK590, Teacher External Box IK180, Student External Box IK180 (10 Nos) , LG LCD TV 42", Projector XD 1160 ACER, HP DX 2300 INTEL DUEL CORE 2.8 GHZ (21 Nos)., MSDN ALLIANCE - 20 USER, ETRUST SOFTWARE, APC Make UPS 5 KVA, Split AC 2 Ton x 2 Nos.

Humanities :

S.N.	Name of the Laboratory / Workshop	Major Equipment
1	Physics	Advanced Spectrometer, Hall Effect experiment, He-Ne Laser, Ultrasonic Interferometer, Newtons ring experiment, Cathode Ray Oscilloscope, PC, Laclanche Cells, Travelling microscope, Thomsons Apparatus, Ultrasonic interferometer etc.
2	Chemistry	Abels apparatus, Pinsky Martens apparatus, Redwood Viscometer, Hot air oven, Portable glass plant, Spectro meter, LHC-48 Const. temp. water bath, Digital Consuctivity meter, Digital analytical balance, Desktop PC, Laptop, LCD Projector, Abels flash point pparatus, Glasswares, Chemicals etc.
3	Mathematics	--