

MANDATORY DISCLOSURE

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

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

I) Name and Address of the Institution :-

ZEAL EDUCATION SOCIETY's
Dnyanganga College of Engineering and Research
S.No. 39, Ambegaon-Dhayri road, Narhe, Pune – 411041.
Phone No. 24391476 , 24391381
Email-id: zealinstitutes@gmail.com

II) Name and Address Of Principal:-

Dr. Pradeep Janardan Awasare
Dnyanganga College of Engineering and Research
S.No. 39, Ambegaon-Dhayri road, Narhe, Pune – 411041.
Phone No. 24391476 , 24391381

III) Name of the Affiliating University:-

University of Pune Ganeshkhind , Pune

IV) GOVERNANCE :-

❖ Members of the Governing Body:

1) S. M. Katkar, Founder Director

He is Businessman by profession. He has not only established himself as renowned entrepreneur, but also is in the field of education for more than a decade. Driven by a mission of providing an excellent quality education Zeal Education Society has left no stone unturned in setting up various Schools, Jr. College, D.Ed. , B. Ed., M.Ed. Colleges.

2) Shri. V. S. Khanvelkar (Industrialist)

3) Shri. Sarjerao T. Poman (Industrialist)

4) Dr. Harer E.N. (Educationalist)

5) Shri. Kondwekar M. N. (Educationalist)

6) DTE Nominee – Name to be received

7) University of Pune Nominee – Name to be received

8) Dr. P J Awasare, Principal, Member Secretary

❖ **Members of Academic Advisory Body.**

1) Dr. P. J. Awasare, Principal, Dnyanganga College of Engineering & Research.

2) Dr. G S Tasgaonkar, Advisor, Zeal Education Society.

3) Prof. M. N. Kondhavekar, Ex. Principal Modern College of Engineering, Pune - 05

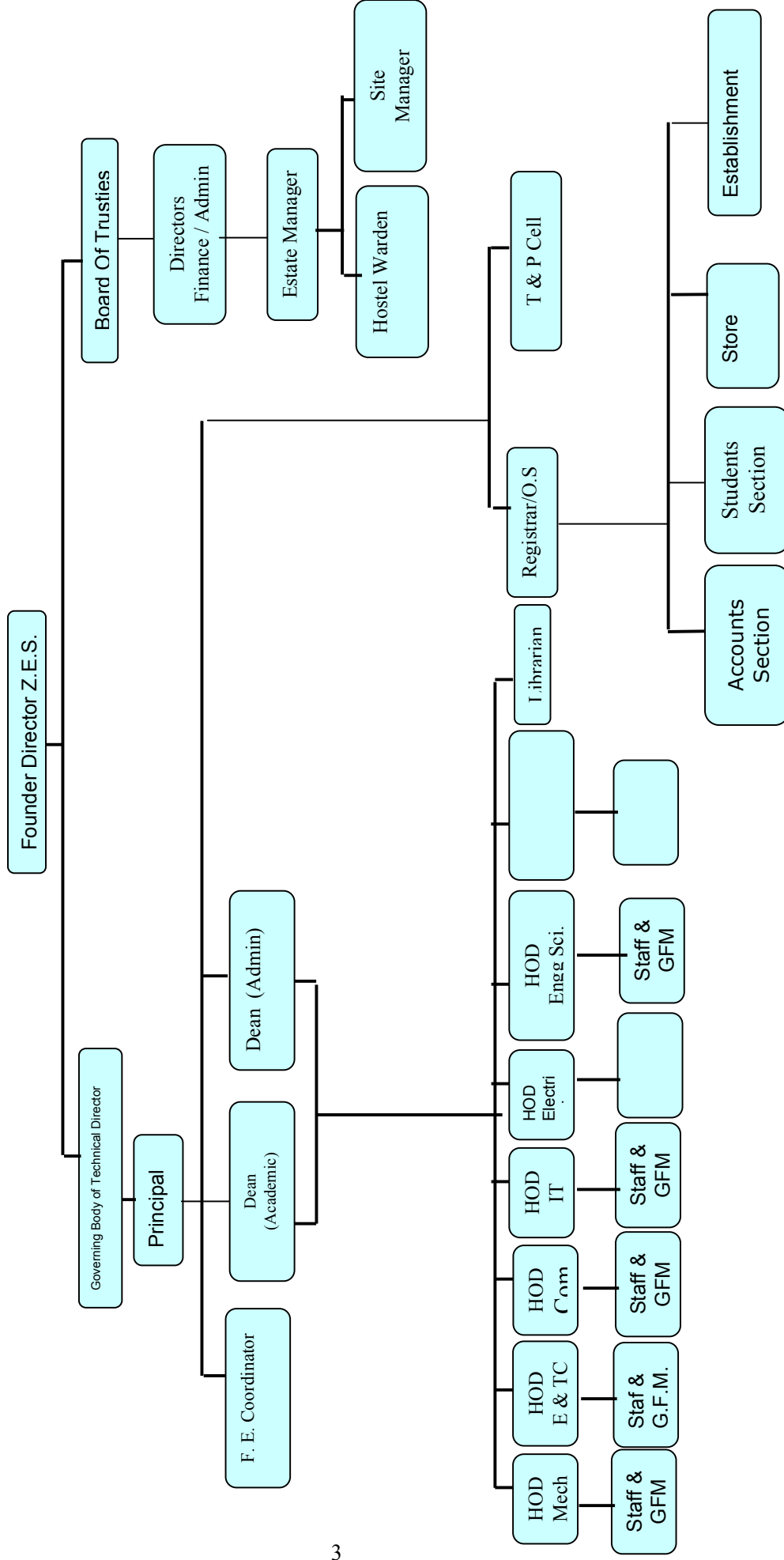
4) Prof. V. S. Bandal, Professor in Electrical Engineering, Govt. C.O.E., Pune - 05

5) Prof. V. S. Khanvelkar, Managing Director, Design Tech Systems Ltd, Pune – 29.

❖ **Frequency of the Board Meetings and Academic Advisory Body.**

Conduction of meetings once in every six months.

❖ Organizational chart and processes



❖ **Nature and Extent of involvement of faculty and students in academic affairs/improvements:**

Faculty are involved in administrative and academic committees and given proper exposure to broaden their understanding of functioning.

Student's views and suggestions are welcomed to carryout improvement in academics. Students are asked to give feedback on the faculty to improve teaching. Regular interaction with students is proposed to understand their problems.

❖ **Mechanism/Norms & Procedure for democratic/good governance:**

Governing and Academic Advisory Bodies conduct regular meetings and issues are discussed and resolved. Total transparency in conduct is ensured. Powers have been delegated at appropriate level and interference in others work is not allowed.

❖ **Student Feedback on Institutional Governance/Faculty performance:**

Students are encouraged to put their suggestions in suggestion boxes in all the departments. Issues which can not be resolved at departmental level are brought to the notice of Principal during HOD meeting with Head of Institute. Feed back from students about faculty is obtained during every semester. This feedback is discussed with the staff and they are asked to consolidate strong points and remove weaknesses observed.

❖ **Grievance redressal mechanism for faculty, staff and students.**

Grievance Redressal committee headed by the Principal conducts meetings as and when required to address grievances.

V) PROGRAMMES:-

❖ **Name Of Programmes approved by the AICTE:**

- 1) **Electronics & Telecommunication Engineering**
- 2) **Mechanical Engineering**
- 3) **Computer Engineering**
- 4) **Information Technology**
- 5) **Electrical Engineering**
- 6) **Master of Business Administration (MBA)**

❖ **Name Of Programmes accredited by the AICTE. Not applicable**

As the institute started functioning in the year 2007-08

❖ **Details of Programmes:**

1. Electronics & Telecommunication Department:

- Name :- Electronics & Telecommunication Engineering
 - Number of Seats:- 60
 - Duration:- 4 Years.

 - Cut off marks/rank for admission during (Admission process is going on)
- Admission for all the courses are approved by D.T.E. Maharashtra State.

2. Mechanical Engineering Department:

- Name :- Mechanical Engineering
 - Number of Seats:- 60
 - Duration:- 4 Years.
 - Cut off marks/rank for admission during (Admission process is going on)
- Admission for all the courses are approved by D.T.E. Maharashtra State.

3. Computer Engineering Department:

- Name :- Computer Engineering
 - Number of Seats:- 60
 - Duration:- 4 Years.

 - Cut off marks/rank for admission during (Admission process is going on)
- Admission for all the courses are approved by D.T.E. Maharashtra State.

4. Information Technology Department:

- Name :- Information Technology
 - Number of Seats:- 60
 - Duration:- 4 Years.
 - Cut off marks/rank for admission during (Admission process is going on)
- Admission for all the courses are approved by D.T.E. Maharashtra State.

5. Electrical Engineering Department:

- Name :- Electrical Engineering
 - Number of Seats:- 60
 - Duration:- 4 Years.

 - Cut off marks/rank for admission during (Admission process is going on)
- Admission for all the courses are approved by D.T.E. Maharashtra State.

6. Management Department:

- Name :- Master of Business Administration

- Number of Seats:- 60
- Duration:- 2 Years.
- Cut off marks/rank for admission during (Admission process is going on)

Admission for all the courses are approved by D.T.E. Maharashtra State.

- **Fee: - Rs. 50000/- per year**

Placement Facilities:- New Institute

- ❖ **Name and Duration of Programmes having collaboration with Foreign University(s)/Institutions and being run in the same campus along with status of their AICTE approval.**

Not Applicable.

VI) FACULTY:-

- ❖ **Branch wise List of Faculty Members**

***Faculty Position for the existing programme(s) (Programme-wise)**

Name of the Programme (UG)	Total Sanctioned Intake (last 4 yrs. for Engg./Arch./HMCT/ Pharmacy/ Applied Arts etc. , last 3 yrs. for MCA and last 2 yrs. for MBA)	Total number of Faculty required as per norms (column 2 divided by 15)	Details of Faculty Available					Nature of Appointment	
			Professors (Rs. 16400-22400 scale)	Assistant Professors / Readers (Rs. 12000-18000)	Lecturers (Rs.8000-13500)	Total	Others/ visiting faculty	Total number of faculty Permanent & Approved by University	Total number of faculty on adhoc basis
1	2	3	4	5	6	7	8	9	10
Mechanical Engg	60 + 60+60	12	03	04	05	12	--	05	7
Computer Engg.	60 + 60+60	12	--	--	09	09	--	---	09
E & TC Engg	60 + 60+60	12	--	01	13	14	--	04	10
Information technology	60 + 60+60	12	--	--	06	06	--	---	06
Electrical Engg.	60 + 60	08	--	02	04	06	--	03	03
General Science.	--	--	--	01	09	10	--	02	08
Allied Subjects	--	--	--	--	03	03	--	01	02
Total		56	03	08	49	60		15	45

Name of the Programme (PG)	Total Sanctioned Intake (last 4 yrs. for Engg./Arch./HMCT/ Pharmacy/ Applied Arts etc. , last 3 yrs. for MCA and last 2 yrs. for MBA)	Total number of Faculty required as per norms (column 2 divided by 15)	Details of Faculty Available					Nature of Appointment	
			Professors (Rs. 16400-22400 scale)	Assistant Professors / Readers (Rs. 12000-18000)	Lecturers (Rs.8000-13500)	Total	Others/visiting faculty	Total number of faculty Permanent & Approved by University	Total number of faculty on adhoc Basis
1	2	3	4	5	6	7	8	9	10
MBA	60	04	01	00	03	04	--	---	04
Total		04			03	04		---	04

- Permanent faculty : Student Ratio:- **1 : 14.06**
- Number of new faculty employed during last two years:-
2008-09 & 2009-10 **64**
- Number of faculty left during last two years:- - **10**

VII) PROFILE OF PRINCIPAL:-

Name : Dr. Pradeep Janardan Awasare

Date of Birth : 26/09/1956

Academic qualifications
(with field of specialization): **M.Tech. (Design Engg.)**
Ph.D. (Design Engg.)

Details of Experience (Academic / Industrial) : 28 Years.

Date of the appointment in the present institution : 28/08/2009

VIII) FEE Structure:-

The Shikshan Shulk Samiti has decide the Interim fee Rs. 53500/-, for the academic year 2009-10.

❖ Time schedule for payment of fee for the entire programme.

As per the norms laid down by Directorate of Technical Education, Maharashtra State.

❖ Number of scholarships offered by the institute, duration, amount: Nil

❖ Criteria for fee waivers / scholarship:-

As per the norms of Government of Maharashtra. In addition fee waiver is given to University Rank holders

❖ Estimated cost of Boarding and Lodging in Hostels.

Estimated cost of Boarding and Lodging in hostel is Rs. 45000/-

IX) ADMISSION:-**❖ Number of seats sanctioned with the year of approval:-**

Sr. No.	Name Of Course	Year Of Approval	Seats Sanctioned	Total Seats
1.	Electronics & Telecommunication Engineering	2007	60	60
2.	Mechanical Engineering	2007	60	60
3.	Computer Engineering	2007	60	60
4.	Information Technology	2007	60	60
5	Electrical engineering	2008	60	60
6	Master of Business Administration	2009	60	60

- Additional intake approved from 2007- 08

Electrical Engineering 60
 Master of Business Administration 60

- Number of students admitted under various categories each year in the last two years:-

ACADEMIC YEAR :- 2007-08

Sr.no	Branch	OPEN	SC	ST	VJ	NT-1	NT-2	NT-3	OBC	SBC
1	Computer Engineering	42	03	--	01	01	01	--	12	01
2	E & TC Engg.	50	02	--	--	--	01	02	06	00
3	Information Tech.	39	05	--	--	01	--	--	16	--
4	Mechanical .Engg.	46	--	---	--	--	01	01	10	--

ACADEMIC YEAR :- 2008-09 (First Year)

Sr.no	Branch	OPEN	SC	ST	VJ	NT-1	NT-2	NT-3	OBC	SBC
1	Computer Engg.	37	06	--	--	01	02	--	13	01
2	E & TC Engg.	36	05	--	01	01	01	02	11	--
3	Information Tech.	43	05	--	--	01	01	02	09	--
4	Mechanical .Engg.	40	05	--	--	--	02	--	12	01
5	Electrical Engg.	40	01	--	--	01	01	05	12	--

ACADEMIC YEAR :- 2008-09 (Second Year)

Sr.no	Branch	OPEN	SC	ST	VJ	NT-1	NT-2	NT-3	OBC	SBC
1	Computer Engg.	55	01	--	--	01	01	--	12	01
2	E & TC Engg.	63	02	--	--	01	--	--	06	--
3	Information Tech.	52	04	--	--	01	--	--	14	--
4	Mechanical .Engg.	56	01	--	--	02	01	--	10	--

❖ **Number of applications received during last two years for admission under Management Quota and number admitted:-**

- 1) Year 2008-09: 74 Applications
- 2) Year 2009-10: Under process

X) Admission Procedure:-

1. Engineering Program

- ❖ Centralised Admission Procedure (CAP) done by the Directorate of Technical Education, Maharashtra State.

Name and Address of Test Agency :-

Directorate of Technical Education Maharashtra State, Mumbai.
3, Mahapalika Marg , Opp. Metro Cinema, Mumbai 400001

URL :- www.dte.org.in/fe2009

- ❖ **No. of Seats allotted to different Test Qualified candidates separately [All India Test/CET (State Conducted test/University tests) /Association conducted test] .**

Sr. No.	Branch	Sanctioned Intake	Through CAP		By Management	Total
			CET	AIEEE		
1.	Electronics & Telecommunication Engineering	60	38	09	In Process	
2.	Mechanical Engineering	60	38	09	In Process	
3.	Computer Engineering	60	38	08	In Process	
4.	Information Technology	60	38	09	In Process	

5	Electrical Engineering	60	38	09	In Process	
6	MBA	60	38	09	In Process	

- ❖ **Calendar for admission against management/vacant seats.**
Calendar for admission against for vacant seats for academic Year 2008-09

1. Engg. Program

- Date of advertisement. 29/06/2009 : Sakal
- Date of advertisement. 02/08/2009 : Sakal
- Date of advertisement. 02/08/2009 : Lokmat

XI) Criteria And Weightages For Admission:

- ❖ **Describe each criteria with its respective Weight ages i.e. admission test, marks in qualifying examination etc.**

As per directive given by Directorate of Technical Education Maharashtra State.

- ❖ **Mention the Minimum level of acceptance if any**

As per the norms of Directorate of Technical Education Maharashtra State.

- ❖ **Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.**

As per the norms of Directorate of Technical Education Maharashtra State.

- ❖ **Display marks score in test etc.& in aggregate for all candidates who were admitted.**

As done by centralized admission process by Directorate of Technical Education Maharashtra State.

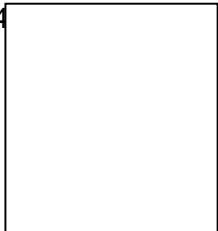
XII) Application Form:

❖ Downloadable application form is as follows :

**ZEAL EDUCATION SOCIETY'S
DNYANGANGA COLLEGE OF ENGINEERING & RESEARCH**

(Approved by AICTE, Govt. of Maharashtra & Affiliated to Pune University)
S. No.39, Narhe, Pune – 411041. Tel. Nos. 24390657, 24391381 Tel. Fax: 243914
Email: dcoer@zealeducation.com Website: www.zealeducation.com

APPLICATION FORM FOR ADMISSION TO FIRST YEAR DEGREE
COURSE IN ENGINEERING: **MECHANICAL / COMPUTER / ELECTRONICS &
TELECOMMUNICATION / INFORMATION TECHNOLOGY**



FOR OFFICE USE ONLY

PCM Total / 300		Maharashtra Merit Number			
Category		ZES Merit Number			
MH-CET / AIEEE		Physics	Chemistry	Mathematics	Total
	Marks obtained				
Total /	Out of				

- Name
 - Surname _____
 - First name _____
 - Middle name _____
 - Mother's Name – (only First name) _____
 - Parent's Full Name:- _____
 - Occupation: _____
 - Parent's Permanent Address _____
- Local / Contact Address for correspondence (Pune)
 - _____
 - _____
 - _____ Pin _____
 - Telephone No. (if any) 1. Parents _____ 2. Student _____
- Do you belong to backward category: Yes No
 (Such as SC /ST /VJ/ DT/ SBC/ NT-1/ NT-2/ NT-3/ OBC)
 If yes, mention category: _____ Caste _____ Religion _____

Note: Candidate must enclose attested copies of caste validity certificates for his/her claims as mentioned in DTE Brochure **MHT-CET 200_**

- Date of Birth : In figure _____ In Words _____
- Sex – (Male/Female) :
- Details of standard (X) examination passed:

Month & Year of Pas		Name and Address of Institution			Whether passed form Maharashtra	
Subject	Marks Obtained	Max. Marks	S.S.C. Grand Total	Marks Obtained	Maximum Marks	
Mathematics						

7. Details of qualifying examination (Std.-XII) passed/ Diploma Exam Marks

Month & Year of Passing		Name and Address of Institution			Whether passe form Maharashtra	
Subject	Marks Obtained	Maximum Marks	H.S.C. / Diploma Grand Total	Marks Obtained	Maximum Marks	
Physics						
Chemistry						
Mathematics						
PCM Total						

8. MHT- CET- 2007

AIEEE -

(Please tick)

MHT-CET / AIEEE Roll. No.			Maharashtra State Merit/ Rank No. (Engineering)		O. M. S. Merit No.
MHT-CET-Score/ AIEEE Score	Marks Obtained	Out of	General	Category	

- Strike out which is not applicable.
- Change of Address (Permanent/Temporary/Local) Phone No./Mobile No. should be informed to our office immediately.

List of Certificates attached with the application form:

1. _____ 2. _____
3. _____ 4. _____
5. _____ 6. _____

(Please do not attach certificates which are not asked for)

9. Declaration and Covenant to be signed by the candidate:

I declare and covenant that:

I have read, understood and I am fully aware of all the Rules of Admissions, Cancellation; Rules for refund etc. for Admission under Management Quota/ Against vacant seats after CAP Round for the current year and after understanding these rules, I have filled this form of application for admission for the current academic year.

The information given by me in this application form is true to the best of my knowledge and belief. I have not been debarred from appearing at any examination held by any Government constituted or statutory examination authority in India.

I fully understand that the offer of a course or branch of Engineering/Technology will be made to be depending on my inter se merit and availability of a seat at the time of scrutiny of my application.

I understand that no other document, other than those attached to the application form will be entertained for the purpose if claims/ concessions etc. in connection with my admission.

I hereby agree to confirm to any rules, acts and laws enforced by Government and Zeal Education Society, authorities and I hereby undertake that so long as I am a student of the college, I will do nothing either inside or outside the college campus which may result in disciplinary action against me under the rules, acts and laws laid down by Government/University/College authorities.

I fully understand and agree that the principal of the college, will have the right to expel and/or rusticate me and/or cancel my admission from the college for any infringement of the Rules of Conduct and Discipline prescribed by the Government/ College/University (if any) and the undertaking given above.

I also agree that all rules framed from time to time by the University of Pune or Director of Technical Education or by any concerned authorities under any concerned statute or the state of Maharashtra relating to refund of fees in case of cancellation of admission by me from the college, shall be binding upon me, and I shall not be entitled to any other amount either by way of compensation, interest or otherwise.

10. None of information which may be available with the college relating to me or any of my record be furnished to any third party.

Place :
Date :

Signature of the Candidate

11. Declaration to be signed by the Parent/Guardian:

I declare that, the particulars furnished by my son/daughter/ward in this application form are correct to the best of my knowledge and belief. Also I hereby declare that I have read, understood and am fully aware of rules of Admission cancellations & refund for etc. for the current year and after understanding these rules, we are taking the admission.

I understand and abide myself to pay on behalf of my son/daughter/ward such fees, charge etc. which Government of Maharashtra/University may levy from time to time by due date, and in the event of failure on my part and/or on the part of my son/daughter/ward, the principal of the college may take such action against my son/daughter/ward as he may deem fit. I hereby confirm that it is obligatory on our part to abide by all the Rules of Zeal Education Society.

I confirm all declarations and covenants agreed to by my ward as above.

I will sign the requisite agreement bond as prescribed by the government (In case of minor only)

UNDERTAKING

(Regarding acceptance of Fees structure to be given by the Parent/Legal Guardian)

In lieu of the.....(Name of the Institute) considering the application of Mr./ Ms.....son/daughter of Mr./ Mrs.....residing at..... for admission to (course). I Mr./ Mrs..... hereby agree to pay adhoc fees/ fees prescribed by the competent authority/ college Authority.

I hereby further agree and undertake that if the fees (Tuition + Development) and other charges/ fees decided by the Shikshan Shulka Samiti / Competent Authority are more than the adhoc fees for the current academic year, then I will pay the difference to the Institute on demand. I shall also pay the fees and other charges decided by Shikshan Shulka Samiti / Competent Authority for the subsequent Academic years in time.

Place :

Date :

Signature of the parent/Guardian

INSTRUCTIONS TO BE FILLED UP DATA SHEET
(Serial numbers are as per points in Sheet)

1. Write your category code:

Category	Code
Open	00
SC	10
ST	20
VJ (14 as specified in Rule 3)	30
NT 1 (28 before 1990 as specified in rule 3)	41
NT 2 (Dhangar, specified in rule 3)	42
NT 3 (Vanjari, specified in rule 3)	43
OBC	50
SBC	60

1 a. Write Religion Code:

Hindu	1
Muslim	2
Christian	3
Boudha	4
Sikh	5
Parsi	6
Other	7

2. Write name of the application in **BLOCK** letters.
3. Write 'M' for Male or 'F' for Female.
4. Write Physics marks out of 100 at H.S.C. or equivalent examination.
5. Write Chemistry marks out of 100 at H.S.C. or equivalent examination.
6. Write mathematics marks out of 100 at H.S.C. or equivalent examination.
7. Write PCM total out of 300 at H.S.C. or equivalent examination.
8. Write H.S.C. (or equivalent) total marks out of 600.
9. Write S.S.C. (or equivalent) total marks out of 700.
10. Have you passed standard XIIth from Maharashtra State? Write 'Y' for Yes and 'N' for No.
11. Have you passed standard Xth from Maharashtra State? Write 'Y' for Yes and 'N' for No.
12. Write your complete address for correspondence.
13. For Non submission of Caste Validity Certificate in prescribed form as per DTE brochure the candidate Parents will be responsible for Non approval of their provisional admission sought.

ZEAL EDUCATION SOCIETY's
DNYANGANGA COLLEGE OF ENGINEERING & RESEARCH

(F.E. ADMISSION DATA SHEET)

Read the instructions given in the form before filling up the Data Sheet

1. CATEGORY : CODE		2. RELIGION CODE	
--------------------	--	------------------	--

3. SURNAME		4. SEX	
FIRST NAME			
MIDDLE NAME			

* MARKS OBTAINED AT CET/ AIEEE ENTRANCE EXAM.

5. PHYSICS MARKS/50			
6. CHEMISTRY MARKS/50			
7. MATHEMATICS MARKS/100			
8. PCM MARKS/200			

9. HSC Total/ 600						
10. SSC Total/ 700						
10. H.S.C. MARKS	SUBJECT	PHYSICS	CHEMISTRY	MATHEMATICS	TOTAL	
	MARKS OBTAINED					
	OUT OF					
11. WHETHER H.S.C. PASSED FROM MAHARASHTRA STATE BOARD				YES/NO		
12. S.S.C. MARKS	SUBJECT	PHYSICS	CHEMISTRY	MATHEMATICS	TOTAL	
	MARKS OBTAINED					
13. WHETHER S.S.C. PASSED FROM MAHARASHTRA STATE BOARD				YES/NO		
14. ADDRESS FOR CORRESPONDENCE						
CITY						
PIN CODE						
PHONE NO.(PERMANENT)					STD CODE	
PHONE NO.(LOCAL)						

14. Choice of Course in preferential order

1. _____
2. _____
3. _____
4. _____

Information given above is same as mentioned in the main application form

Place:

Date:

Signature of the candidate

* ATTACH THE ORIGINAL SCORE CARD

XIII) List Of Applicants :

The admissions under management seats /vacant seats in process and will be done as per state Government directive. The list will be verified & certified by DTE.

XIV) Results of admission Under Management Seats/Vacant Seats:

- Composition of selection team for admission under management quota with the brief profiles of members. This information will be made available in public domain after the admission process is over.
 1. Principal
 2. Management Representative
 3. H.O.D.

XV) Information On Infrastructure And Other Resources Available

Library:-

- Number of Library books/Titles/Journals available (Program wise)

Sr. No.	Course (s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	Mechanical Engg	399	1733	08	02
2	E & TC Engg.	380	1643	07	02
3	Computer Engg.	391	1714	09	02
4	Information Technology	385	1709	09	02
5	Electrical Engg.	287	1174	06	02
6	MBA	176	1121	12	03
7	Engg. Science & Humanities	368	1878	07	--
	Total	2386	10972	58	13

- List Of online National/international Journals subscribed.
- ❖ **E-Library Facility -- Available.**

❖ Laboratory:

Details of Laboratories , Workshops & Departments

18. Details of Laboratories & Workshops

S.No	Name of the Course	Name of the laboratory/workshop	Total Area of lab/workshop (in Sq. m.)	Major equipments
FIRST YEAR				
I Department of Mechanical Engineering				
1	F. E.	Basic Mechanical Engineering	103.20	Refrigerator, Flat plate collector, models of 4 stroke petrol and diesel engine, model of Hook's joint, Centrifugal clutch, claw, clutch, single plate clutch
2	F. E.	Mechanical Workshop	1024.80	Welding machine, Hand operated shearing machine, Plastic injection moulding machine, Blacksmiths hearth, Hand drill machine, Bench grinder, Hand grinder, surface plate, swage block, Anvil, Air blower
3	F. E.	Drawing Hall	157	Model of line, plane, various solids.
II Department of Electronics & Telecommunication Engineering				
4	F. E.	Basic Electronics Engineering	103.20	Dual Trace CRO, Digital storage Oscilloscope, DC power supply, Function Generators, Digital Multimeters, LCR Meter, Analogue IC tester.
III Department of Electrical Engineering				
5	F.E	Basic Electrical Engineering	87.62	Three Phase Dimmerstat, three phase and single phase lamp load bank, D.C./A.C. ammeters and voltmeters , three phase rectifier, Megger and single phase energy meter, LCD
IV Department of Applied Science				
6	F. E.	Mechanics & Kinematics Lab Basic Civil Engineering	103.20	Dumpy Level, Digital Planimeter, Line ranger, Prismatic compass, Beam reaction apparatus, Lifting Machines, Laser Level, GPS, Polygon Law Apparatus Belt, Moment of Inertia of fly wheel Apparatus
7	F. E.	Chemistry Laboratory	115.72	PH meter with electronic buffer and in-built stirrer, with electrode. Water still 4 lit/hr, Stop Clock, Dryer Emerald make, Digital photoelectric Colorimeter Equiptronics make model EQ-650A, Gas connection, Muffle furnace working temp. 0 to 1200c Labline make, Electric Oven : Hot air Oven : Temp. range 50 c above ambient to 250 c Labline make model., Electronic weighing Machine: Citizen make .
8	F. E.	Physics Laboratory	121.43	Energy Band Gap (semiconductor), Photocell characteristics with power supply and meter, Solar cell characteristics with meter, Dual DC Regulated P/S with I/P, 1ph, 230V, 50 Hz, AC supply, DC Regulated P/S 0-30V, 2A DC supply, Experimental kit for characteristics of Diode, 0-100 micrometer, Diffraction grating, E/M Thomsons method, Newton's ring apparatus, Wooden type Newton's ring, Spectrometer, Scientist and Equipment Charts
SECOND YEAR				
I Department of Mechanical Engineering				
9	S. E.	Fluid Mechanics	200	Bernoullies Appratus, Flow through pipe, Metacentric height measurement, Flow through channels,

10	S. E.	Thermal Engineering	100	Gas calorimeter, Digital Bomb Calorimeter, Two stage air compressor test rig., Orsat apparatus.
11	S. E.	Metallurgy	100	Jominy end quench hardness tester with muffle furnace, Impact Testing Machine, Trinocular microscope with CCTV,
12	S. E.	Theory of Machine – I & II	100	Compound pendulum, Tri-filler suspension, model of various inversion and mechanism., measurement of slip, torque measurement , Epicyclic gear train, cam dynamics, governor.
13	S. E.	Heat transfer	100	Thermal conductivity of insulating powder, pin-fin apparatus, natural and forced convection.
14	S. E.	C.G & CONM	95	CATIA V5, Inteli CAD, C. Personal Computers – 19 D- Link 16 Port Switch, LX 300 Dot Matrix Printer – 2 , Laser Printer – 1
15	S. E.	IC Engine & Automobile	100	Multi cylinder 4-stroke petrol engine, single cylinder 4-stroke diesel engine, cut section models, Orsat apparatus.
II	Department of Electronics & Telecommunication Engineering			
16	S.E . & T.E.	EDC Lab.	94.52 6	Dual Trace CRO, Digital storage Oscilloscope, DC power supply, Function Generators, Digital Multimeters, Component Development systems, P.A. System, PROTEUS simulation software for 10 users.
17	S. E.	Digital Elex Lab.	79.92	Dual Trace CRO, DC power supply, Function Generators, Digital Multimeters, digital trainer kits, Digital IC tester,
18	S.E . & T.E.	Communication Engg. Lab.	79.92	Dual Trace CRO, Digital storage Oscilloscope, Spectrum analysers, Am/ FM Generators, SSB Tx / Rx, DSB Tx / Rx, DC power supply, Function Generators, Digital Multimeters, Arbitrary function generator, Generation & Reception of QPSK in presence of noise, Detection of digital based band signal using Matched Filter in presence of noise, Generation & Detection of DS-SS coherent BPSK and spectral analysis, Study of Companded PCM using A-law companding with noise measurement meter, Study of Adaptive Delta Modulation with noise & noise measurement meter, Generation & Reception of FSK in presence of noise.
19	S.E . & T.E.	Power Electronics & Control Lab.	100.0 0	Power scopes, Dual Trace CRO, Digital storage Oscilloscope, PC based Logic Analyzer(34-Channels), V-I characteristics of SCR, TRIAC, Triggering and Firing circuits for SCRs & MOSFETs, Single Phase Semi & Full converters, Trainer kit for SMPS & UPS, DC series Motor, Single-Phase PWM bridge inverter, dc chopper & ac voltage controller, VARIACs, DC power supply (high & low), Function Generators, PLC, Synchro TX /RX, LVDT kit, Pressure Transducer kit, Instrumentation trainer system, Transmission line set up, Digital Multimeters.
20	S.E . & T.E.	Microcontroller & Microprocessor Lab.	100.0 0	Universal IC Programmer, Digital Trainers, 89c51RD2 Based Multipurpose project cum development board, Microcontroller Trainer Kit with : 89C51 CPU, PIC 16F8xx Microcontroller Trainer kit, 16 / 32 bit ARM Trainer, different interfacing cards, Dual Trace CRO, DC power supply, Function Generators, Digital Multimeters, 10 PCs (HP Make P Core 2 DUO, 2.8 GHz), Laser printer.
21	S.E . & T.E.	Computer Centre-1	75.00	Total no of PC = 25 HP Make P Core 2 DUO, 2.8 GHz., 1 GB DDR2 RAM, 160 GB HDD, 15" TFT COLOR MONITOR, INTEL 945 MOTHERBOARD, HP MOUSE & KEYBOARD Dot matrix & Laser Printers , 16 port D-Link Switch, Scanner, LCD projector.
III	Department of Electrical Engineering:			
22	S.E	Electrical Measurements & Instrumentation	103.29	Level Measurement kit, Pressure Measurement kit , LVDT, D.C./A.C. ammeters and voltmeters Wattmeters ,CRO, Digital Earth Tester, Digital Multimeters, Kelvin Double Bridge,
IV	Department Of Information Technology			
23	S.E	Material Science	54.11	Oil Testing Kit, H.V. Sphere Gap Unit, HV Schering Bridge , HV Tester.

24	S.E & T. E. IT	Software Lab I	70.29	Total No of PC=26+1 Server +HPCompaq dx-2480 Intel Pentium Core Duo DDR 2 Ram, 160 GB SATA HDD,Key board, Mouse 15 " TFT Color Monitor DOT Matrix TVSE 345 D link 16 Port Power com 600 VA, 5 KVA/2 Software - Windows XP,Quickheal, MS OFFICE, MS Visual Studio,TC
25	S.E & T. E. IT	Software Lab II	70.29	Total No of PC=27 HPCompaq dx-2480 Intel Pentium Core Duo DDR 2 Ram, 160 GB SATA HDD,Key board, Mouse 15 " TFT Color Monitor Hp Laser Jet, DOT Matrix TVSE 345, D link 16 Port, Power com 600 VA Hp Sacnjet 2410. Software - Windows XP,Quickheal, MS OFFICE, MS Visual Studio, Visual Studio 2008, TC
26	F.E & T. E. IT	Operating System Lab	70.29	Total No of PC=25 HPCompaq dx-2480 Intel Pentium Core Duo DDR 2 Ram, 160 GB SATA HDD,Key board, Mouse 15 " TFT Color Monitor , DOT Matrix TVSE 345, D link 16 Port. Software - Windows XP, LINUX, Quickheal, MS OFFICE, MS Visual Studio,TC
V	Department of Computer Engineering:			
27	TE & SE Co mpu te r En gg.	Programming Lab - I	70.29	Personal Computer - 27, D-Link 16Port Switch, TVS MSP 345 Large Dot Matrix Printer, HP Laserjet Printer P1008,HP Scanner,UPS 600 VA,UPS 5 KVA / 2 Hrs. Backup Software - Windows XP,Oracle 10g, Quickheal, MS OFFICE, MS Visual Studio,TC
28	FE & SE Co mpu ter Eng g.	Programming Lab - II	70.29	Personal Computer - 25, D-Link 16Port Switch, TVS MSP 345 Large Dot Matrix Printer, Epson LX 300. Software - Windows XP, Quickheal, MS OFFICE, TC,TASM/MASM
29	TE Co mpu ter Eng g.	Multimedia Lab	70.29	Personal Computer - 30, D-Link 16Port Switch, TVS MSP 345 Large Dot Matrix Printer, Epson LX 300. Software - Windows XP,MS OFFICE, TC
30	FE & TE Co mpu ter Eng g.	Database Lab	70.29	Personal Computer - 25, D-Link 16Port Switch, TVS MSP 345 Large Dot Matrix Printer, Epson LX 300. Software - Windows XP,MS OFFICE, TC, TASM/MASM
31	SE Co mpu ter Eng g & IT	Digital Hardware Lab	103.28	Personal Computer - 2, Digital Trainer Kit,CRO,Microprocessor Kit,Microcontroller Kit,ADC,DAC,Multimeter Software - Windows XP, Quickheal, MS OFFICE, TC,TASM/MASM

- **Curriculum and syllabus for each of the programmes as approved by the university.**

As per university of Pune.

- **Academic Calendar Of University (Sem- I) : --**

ACADEMIC YEAR 2009 – 2010

- | | |
|--|---------------------------------------|
| 1. Commencement of Classes | : 22/06/2009 (SE),
31/08/2009 (FE) |
| 2. End Of Classroom Teaching | : 12/10/2009 (SE),
30/11/2009 (FE) |
| 3. University Examination (tentative) | : 21/11/2009 (SE)
25/12/2009 (FE) |
| 4. Commencement of next academic term (tentative): | : 01/01/2010 |

- **Academic Time Table Of University (Sem- II): --**

ACADEMIC YEAR 2009 – 2010

- | | |
|---------------------------------------|--------------|
| 1. Commencement of Classes | : 01/01/2010 |
| 2. End Of Classroom Teaching | : 15/04/2010 |
| 3. University Examination (tentative) | : 24/05/2010 |

- **Academic Time Table :**

As per University of Pune

- **Teaching load of each Faculty**

As per University of Pune norms

- Internal continuous evaluation system and place – Available
- Student assessment of faculty, system in place – Available