

## **MANDATORY DISCLOUSER**

**I. NAME OF THE INSTITUTION:** BHUTTA COLLEGE OF ENGINEERING & TECHNOLOGY.  
VPO BHUTTA. LUDHIANA- 141026.  
**TELEPHONE:** 0161 – 2852913, 2853256-57.  
**MOBILE:** 098147-99666.  
**FAX:** 0161 – 2853258.  
**E-MAIL:** bcetldh@rediffmail.com

**II. NAME & ADDRESS OF DIRECTOR:** Dr. S. D. KHEPAR. – DIRECTOR  
BHUTTA COLLEGE OF ENGG. & TECH.  
V&PO. Ludhiana-141026  
**TELEPHONE:** 0161 – 2852913, 2853256-57.  
**MOBILE:** 098145-33000.  
**FAX:** 0161 – 2853258.  
**E-MAIL:** sdkhepar@rediffmail.com

**III. NAME OF THE AFFILIATING UNIVERSITY:** PUNJAB TECHNICAL UNIVERSITY,  
JALANDHAR.

**IV. GOVERNANCE:**

❖ **Members of the Board & their brief background:**

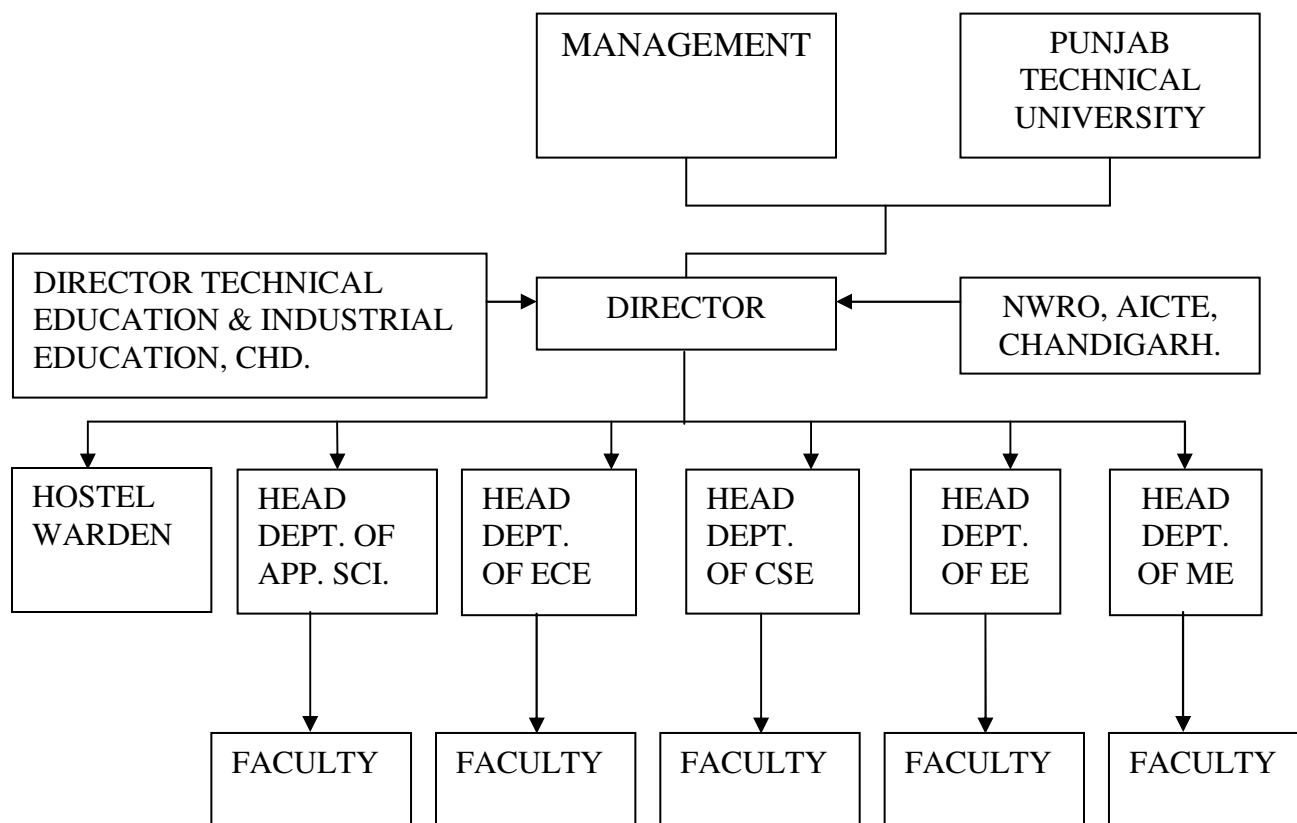
1. Sardar Sukhdev Singh (Business Executive – Secretary).
2. Padam Shri Jagjit Singh Hara (Economist / Industrialist, Ludhiana).
3. Shri K. S. Maini (I.A.S. Retd.).
4. Dr. S. D. Khepar (Ex-Officio Principal / Director, Bhutta college of Engineering & Technology).
5. Dr. M. S. Bhatti, Educationist

❖ **Members of Academic Advisory Body:**

1. Dr. S. D. Khepar (Principal / Director Bhutta College of Engineering & Technology – Chairman).
2. Dr. K. S. Salaria (Ex. Prof. & Head Dept. of Mechanical Engineering – Punjab Agriculture University, Ludhiana).
3. Prof. M. S. Seekri (Professor and Head Dept. CSE, BCET Bhutta)
4. Dr. A. S. Bansal (Director – G.I M T. Ludhiana.).
5. Dr. Joginder Singh (Prof. & Head Dept. of Mechanical Engineering – Bhutta College of Engineering & Technology, Ludhiana.).
6. Dr. J. S. Bindra (Prof. & Head Dept. of Applied Science – Bhutta College of Engineering & Technology, Ludhiana.).
7. Dr. M. S. Bhatti (Prof. & Head Dept. of Electronics & Electrical Engineering - Bhutta College of Engineering & Technology, Ludhiana.).
8. Dr. Raghubir Singh (Prof. – Bhutta College of Engineering & Technology, Ldh.).

❖ **Frequency of Board Meetings and Academic Advisory Body:** Board meets Six Monthly & Academic Advisory committee meets Quarterly.

❖ **Organizational Chart & Processes:**



- ❖ **Nature and Extent of involvement of Faculty and Students in Academic Affairs / Improvements:** The Faculty is actively involved thro' faculty meetings, Board of studies at college and department level, academic committee and brain storming sessions. Students are involved thro' advisory meetings in which the academic problems and their solutions are discussed.
- ❖ **Mechanism / Norms & Procedure for democratic / good governance:** The academic and administrative powers have been decentralized and the departments have been given full powers for development of infrastructure facilities and imparting quality education to the students.
- ❖ **Students Feedback on Institutional Governance / Faculty Performance:** The students feedback is obtained in each semester thro' teacher's evaluation for which a specific Performa has been developed. The students feedback is also being obtained thro' advisory meetings.
- ❖ **Grievance redressal mechanism for faculty, staff and students:** The grievance committee for faculty and a welfare committee for students have been constituted at the college level.

## V. PROGRAMMES:

- ❖ **Name of the programmes approved by AICTE:** B. Tech. Programme in
  - (i). Electronics & Communication Engg.
  - (ii). Computer Science & Engineering.
  - (iii). Mechanical Engineering.
  - (iv). Electrical Engineering.

- ❖ **Name of the programme accredited by the AICTE:** NIL.

- ❖ **Details for each Programme:**

**Programme Number 1:**

- **Name:** B. Tech. in Electronics & Communication Engineering.
- **Number of Seats:** 60.
- **Duration:** Four Years.
- **Cut off mark/rank for admission during the last three years:** CET – Rank.
- **Fee:** As per Punjab Technical University, Jalandhar Norms.
- **Placement Facilities:** Training cum placement cell has been constituted headed by a professor.
- **Campus placement in last three years with minimum salary, maximum salary and average salary:** N. A. (the first batch will be passing out in 2007).

**Programme Number 2:**

- **Name:** B. Tech. in Computer Science & Engineering.
- **Number of Seats:** 60.
- **Duration:** Four Years.
- **Cut off mark/rank for admission during the last three years:** CET – Rank.
- **Fee:** As per Punjab Technical University, Jalandhar Norms.
- **Placement Facilities:** Training cum placement cell has been constituted headed by a professor.
- **Campus placement in last three years with minimum salary, maximum salary and average salary:** N. A. (the first batch will be passing out in 2007).

**Programme Number 3:**

- **Name:** B. Tech. in Mechanical Engineering.
- **Number of Seats:** 60.
- **Duration:** Four Years.
- **Cut off mark/rank for admission during the last three years:** CET – Rank.
- **Fee:** As per Punjab Technical University, Jalandhar Norms.
- **Placement Facilities:** Training cum placement cell has been constituted headed by a professor.
- **Campus placement in last three years with minimum salary, maximum salary and average salary:** N. A. (the first batch will be passing out in 2007).

**Programme Number 4:**

- **Name:** B. Tech. in Electrical Engineering.
- **Number of Seats:** 60.
- **Duration:** Four Years.
- **Cut off mark/rank for admission during the last three years:** CET – Rank.
- **Fee:** As per Punjab Technical University, Jalandhar Norms.
- **Placement Facilities:** Training cum placement cell has been constituted headed by a professor.
- **Campus placement in last three years with minimum salary, maximum salary and average salary:** N. A. (the first batch will be passing out in 2007).

**Programme Number 5:**

- **Name:** B. Tech. in Civil Engineering.
- **Number of Seats:** 60.
- **Duration:** Four Years.
- **Cut off mark/rank for admission during the last three years:** CET – Rank.
- **Fee:** As per Punjab Technical University, Jalandhar Norms.
- **Placement Facilities:** Training cum placement cell has been constituted headed by a professor.
- **Campus placement in last three years with minimum salary, maximum salary and average salary:** N. A. (the first batch will be passing out in 2007).

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

- **Name of the University/ Institution:** NIL.
- **Address:** N.A.
- **Website:** N.A.
- **Is the Institution / University Accredited in its Home Country:** N.A.
- **Whether the degree offered is equivalent to an Indian Degree:** N.A.
- **Nature of Collaboration:** N.A.
- **Conditions of Collaboration:** N.A.
- **Complete details of Payment a student has to make to get the full benefit of collaboration:** N.A.

❖ For each Collaborative / Affiliated Programme give the following:

- Programme focus: N.A.
- Number of Seats: N.A.
- Admission Procedure: N.A.
- Fee: N.A.
- Placement Facility: N.A.
- Placement Records for the last three years with minimum salary, maximum salary and average salary: N.A.

VI. FACULTY:

❖ Branch wise list of Faculty Members:

- Permanent Faculty:

S. No.	Name & Designation	Sex	Qualifications	Specialization	Date of Appointment In the Institute	Basic Pay	Total Emoluments
1.	Dr. S.D. Khepar (Director)	M	ME (Honrs), Ph.D. (Civil Engg.)	Civil Engg.	05.04. 2003	40,000/-	40,000/-
2.	Dr. A. S. Bansal (Principal)	M	ME (Mech. Engg.), Ph.D.	Computer Applications	27.02. 2006	40,000/-	40,000/-
➤ <b>DEPARTMENT OF APPLIED SCIENCE: -</b>							
3.	Dr. J.S. Bindra (Professor)	M	M.Sc., Ph.D. (Applied Maths)	Applied Maths	11.08. 2003	25,500/-	25,500/-
4.	Mr. Rajpal Singh Toor (Asstt. Prof.)	M	M.Sc.(Math) & M.Sc. (Comp. Sc.)	Real Analysis	20.10. 2003	12,000/-	19,200/-
5.	Mr. Gaurav Kumar (Lecturer)	M	M. Sc. (Math) & B. Ed.	Maths	12.08. 2005	8,000/-	12,800/-
6.	Ms. Sarabjit Kaur (Lecturer)	F	M. Sc. (Maths)	Maths	01.06. 2004	8,000/-	12,800/-
7.	Dr. Gurdeep Singh (Professor)	M	Ph. D. (Physics)	Physics	16.08. 2005	25,500/-	25,500/-
8.	Mr. B.S. Rana (Asstt. Prof.)	M	M. Sc. (Physics) & M. Phil.	Bio Physics	22.01. 2005	12,000/-	19,200/-
9.	Dr. Randeep Kaur (Asstt. Prof.)	F	M. Sc. & Ph. D. (Org. Chemistry)	Organic Chemistry	19.01. 2004	12,000/-	19,200/-
10.	Ms. Harsimranjit Kaur (Lecturer)	F	M. Sc. (Chemistry) & B. Ed.	Chemistry	01.09. 2005	8,000/-	12,800/-
11.	Dr. Raghbir Singh (Professor)	M	M.A. (English & Sanskrit.)	English	29.08. 2005	25,500/-	25,500/-
12.	Mr. Manoj Kr. Saini	M	M. Sc. (Physics) & B. Ed.	Physics	02.01.2006	8,000/-	12,800/-

➤ <b><u>DEPARTMENT OF MECHANICAL ENGINEERING: -</u></b>							
13.	Dr. Joginder Singh (Proff. & HOD)	M	Ph. D. (Production Engg.)	Production Engineering	01.11. 2005	25,000/-	25,000/-
14.	Er. Manjit Singh (Asstt. Prof.)	M	M. Tech.	Mechanical Design	09.06. 2005	12,000/-	19,200/-
15.	Er. Parminder Singh (Lecturer)	M	M. Tech.	Structures	12.06. 2005	8,000/-	12,800/-
16.	Er. Satwinder S. Chahal (Lecturer)	M	M. Tech.	Production Engineering	16.08. 2005	8,000/-	12,800/-
17.	Er. Balraj Singh Brar (Lecturer)	M	M. Tech.	Industrial Engineering	24.08. 2005	8,000/-	12,800/-
18.	Er. Kuljeet Kaur (Lecturer)	F	B. Tech.	ME	09.06. 2005	8,000/-	12,800/-
19.	Er. Navneet Goyal (Lecturer)	M	B. E. (Mech.)	Welding Technology	27.08. 2005	8,000/-	12,800/-
20.	Er. Harwinder S. Gill. (Lecturer)	M	B. Tech.	ME	18.08. 2005	8,000/-	12,800/-
21.	Er. Jagdeep Singh (Lecturer)	M	B. Tech.	ME	28.02. 2006	8,000/-	12,800/-
➤ <b><u>DEPARTMENT COMPUTER SCIENCE &amp; ENGINEERING: -</u></b>							
22.	Proff. M. S. Seekree (HOD)	M	M. Tech. (CSE)	Optimization & Power syst	13.12. 2005	25,000/-	25,000/-
23.	Er. Amit Goyal	M	M. Tech. (CSE)	DBMS & Software's.	02.01.2006	8,000/-	12,800/-
24.	Er. Rajwinder Kaur (Lecturer)	F	B. E. & M. Tech. (Doing).	CSE	07.03. 2005	8,000/-	12,800/-
25.	Er. Jeevan Jyoti (Lecturer)	F	B.E. (CSE)	CSE	25.01. 2005	8,000/-	12,800/-
26.	Er. Harpreet Singh (Lecturer)	M	B. Tech. (CSE)	CSE	03.09.2005	8,000/-	12,800/-
27.	Er. Shaminder S. Sohi (Lecturer)	M	B. Tech. (CSE)	CSE	10.10. 2005	8,000/-	12,800/-
28.	Er. Vishal Paika (Lecturer)	M	B.E. (CSE)	Programmin g languages	01.09. 2003	8,000/-	12,800/-
29.	Er. Puneet Kaur. (Lecturer)	F	B. Tech. (CSE)	CSE	01.07. 2005	8,000/-	12,800/-
30.	Er. Parminder Singh (Lecturer)	M	B. Tech. (CSE)	CSE	05.09. 2005	8,000/-	12,800/-
31.	Er. Rajinder Singh (Instructor)	M	B. Tech. (CSE)	CSE	14.09. 2005	6,800/-	6,800/-
➤ <b><u>DEPARTMENT ELECTRONICS &amp; COMMUNICATION ENGINEERING: -</u></b>							
32.	Dr. M. S. Bhatti * (Proff. & HOD)	M	M. Tech. (EE)	Instrumentati on	26.09. 2005	25,000/-	25,000/-
33.	Er. Gagandeep Kaur (Lecturer)	F	B. Tech. & M. Tech. (Doing).	ECE	26.04. 2005	8,000/-	12,800/-
34.	Ms. Amanpreet Kaur (Lecturer)	F	M. Tech.	Electronic Design	30.08. 2005	8,000/-	12,800/-
35.	Er. Itti Bhatia. (Lecturer)	F	B. Tech.	ECE	18.08. 2005	8,000/-	12,800/-
36.	Er. Deepak (Lecturer)	M	B. Tech.	CCNA	22.01. 2005	8,000/-	12,800/-

37.	Er. Y. D. Puri. (System Engg.)	M	B.E.	Computer Hardware	01.04. 2005	8,000/-	12,800/-
38.	Er. Amritpal Kaur (Lecturer)	F	B. Tech.	ECE	28.02. 2006	8,000/-	12,800/-
39.	Er. Ravanpreet K. (Lecturer)	F	B. Tech.	ECE		8,000/-	12,800/-
<b>➤ DEPARTMENT ELECTRICAL ENGINEERING: -</b>							
*	Dr. M. S. Bhatti * (Proff. & HOD)	M	M. Tech. (EE)	Control & Instrument.	26.09. 2005	25,000/-	25,000/-
40.	Ms. Swapandeep Kaur (Lecturer)	F	M. Tech. (Power Engg.)	Power Systems	01.06. 2005	8,000/-	12,800/-
41.	Mr. Gurjit Singh (Lecturer)	M	B. Tech. (Ele. & Elec. Engg.)	EE	07.06. 2005	8,000/-	12,800/-
42.	Ms. Gurmeet Kaur (Lecturer)	F	B. Tech.	EE	07.06. 2005	8,000/-	12,800/-
43.	Er. Manu Bharti (Lecturer)	F	B. Tech. & M. Tech. (Doing).	EE	22.08. 2005	8,000/-	12,800/-
44.	Er. Kanchandeep k (Lecturer)	F	B. Tech.	EE	28.02. 2006	8,000/-	12,800/-

- **Visiting Faculty :**

S. No.	Name of Faculty	Designation	Specialization	Qualification	Teaching/ Industrial Experience
<b>➤ DEPARTMENT OF COMPUTER SCIENCE &amp; ENGINEERING: -</b>					
2.	Dr. R. Kumar.	Professor	Software Engineering.	M. Tech.	35 yrs.
<b>➤ DEPARTMENT OF ELECTRONICS &amp; COMMUNICATION ENGINEERING: -</b>					
3.	Dr. Jagmohan Singh.	Professor	Electronics & Comm. Engg.	M. Tech.	35 yrs.
<b>➤ DEPARTMENT OF ELECTRICAL ENGINEERING: -</b>					
4.	Dr. D. Grover.	Professor	Electrical Engineering.	Ph. D.	25 yrs.
5.	Er. M. S. Panesar.	Professor	Electrical Engineering.	M. Tech.	30 yrs.

- **Permanent Faculty : Student Ratio = 10 : 1.**
- ❖ **Number of faculty employed and left during the last three years:**  
Employed: 60.  
Left: 22

**VII. PROFILE OF DIRECTOR / PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED:**

**BRIEF PROFILE OF DIRECTOR & OF THE FACULTY IS ENCLOSED: -**

- 1. NAME:** Dr. S.D. KHEPAR – DIRECTOR BCET, LUDHIANA.
- 2. D.O.B.:** 08-11-1940
- 3. Present Address:** Dr.S.D.Khepar  
Director, Bhutta College of Engineering & Technology.  
V & PO Bhutta. Ludhiana – 141026.
- Phone:** 0161-2852913, 98147-99555.
- E-mail:** [sdkhepar@rediffmail.com](mailto:sdkhepar@rediffmail.com)
- Duration of Employment  
BCET, Bhutta. Ludhiana:** Since 05.04.2003

**4. Educational Qualifications:**

- 1.Ph.D. (Civil Engineering): - Indian Institute of Technology, New Delhi, 1979 (course work from University of California, Davis, USA, OGPA 4.0/4.0)
- 2.Master of Engineering from University of Roorkee, (in High first division) 1971.
- 3.Bachelor of Engineering, Institution of Engineers, India, 1966.

**5. Professional Experience:**

- 1.National Professor** (Highest academic position in the country) Govt. of India, Punjab Agriculture University, March 1997 to March 2002.
- 2Dean** College of Agriculture Engineering, Punjab Agriculture University May 1988 to May 1996.
- 3Chief Engineer** (Additional charge) Punjab Agriculture University April 1987 to April 1995.
- 4.Consultant (Asian Development Bank)** Sri Lanka Feb. 1984 to June 1986.
- 5.Additional Director of Research** (Engineering) Punjab Agriculture University July 1986 to April 1988.
- 6.Professor and Head**, Department of Soil and Water Engineering Punjab Agriculture University, Ludhiana May 1975 to Jan. 1984.
- 7.**Research Engineer Punjab Agriculture University Oct. 1971 to April 1975.
- 8.**Lecturer/Asstt. Research Engineer Punjab Agriculture University, Oct. 1967 to Sept. 1971.

**6. Publications:**

The Publications includes 60 research papers published in National and International Journals of repute, 65 research papers published in proceedings of National and International Conferences/seminars, 10 Technical Bulletins & 1 Text book.

## **7. Awards, Distinctions and Recognition:**

- I. **Rafi Ahmed Kidwai Memorial Prize** for the binium 1986-87 for Outstanding research contribution in Engineering.
- II. **Jawaharlal Nehru Award** (1980) for outstanding research contribution in Ph.D.
- III. **Invention Award** by National Research and Development Council, Govt. of India 1976 for development of an animal drawn lift irrigation pump.
- IV. **Fellow** National Academy of Science, Institution of Engineers (India) and member of a number of professional societies.
- V. **Commendation medals** by various professional societies and associations.
- VI. **Distinguished Alumnus** Silver Jubilee award. Thapar Institute of Engineering & Technology, 1982.
- VII. **Member** of number of expert committees constituted by International Agencies and State/Central Governments.

## **VIII. FEE:**

- ❖ **Detail of fee, as approved by State fee Committee, for the Institution:** The annual fee is Rs. 45,000 /=. Other annual Charges are Development Fund = Rs. 6,500 /=, University related Fee = Rs. 438 /= & Student Activity related Fee = Rs. 2,000 /=.
- ❖ **Time Schedule for payment of fee for the entire programme:** One week before start of each Semester.
- ❖ **No. of Fee waivers granted with amount and name of students:** 10 % of the students are given half Fee Concession.
- ❖ **Number of scholarships offered by the institute, duration and amount:** Scholarship is offered in term of half fee waiver for the semester.
- ❖ **Criteria for fee waivers / scholarship:** Merit Cum means.
- ❖ **Estimated cost of Boarding and Lodging in Hostels:** Rs. 2,250 /= Approx.

## IX. ADMISSION:

### ❖ Number of seats sanctioned with the year of approval:

<u>S. No.</u>	<u>Programme</u>	<u>Seats Sanctioned</u>	<u>Year of Approval</u>
1.	Electronics & Comm. Engg.	Forty.	2003 - 04
	Computer Sc. & Engg.	Forty.	
	Mechanical Engineering	Forty.	
	Electrical Engineering	Forty.	
2.	Electronics & Comm. Engg.	Sixty.	2004 - 05
	Computer Sc. & Engg.	Sixty.	
	Mechanical Engineering	Sixty.	
	Electrical Engineering	Sixty.	
3.	Electronics & Comm. Engg.	Sixty.	2005 - 06
	Computer Sc. & Engg.	Sixty.	
	Mechanical Engineering	Sixty.	
	Electrical Engineering	Sixty.	

### ❖ Number of students admitted under various categories each year in the last three years:

<u>S. No.</u>	<u>Programme</u>	<u>Students Admitted</u>	<u>Year / Batch</u>
1.	Electronics & Comm. Engg.	38 + *06 = 44.	2003 - 04
	Computer Sc. & Engg.	23 + *20 = 43.	
	Mechanical Engineering	38 + *06 = 44.	
	Electrical Engineering	27 + *17 = 44.	
2.	Electronics & Comm. Engg.	40 + **17 = 57.	2004 - 05
	Computer Sc. & Engg.	35 + **09 = 44.	
	Mechanical Engineering	43 + **15 = 58.	
	Electrical Engineering	08 + **20 = 28.	
3.	Electronics & Comm. Engg.	35.	2005 - 06
	Computer Sc. & Engg.	26.	
	Mechanical Engineering	23.	
	Electrical Engineering	03.	

\*Admitted thro' LEET in Year 2004-05.

\*\*Admitted thro' LEET in Year 2005-06.

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

<u>S.No.</u>	<u>Programme</u>	<u>Year</u>	<u>Applications Received under MQ</u>	<u>Students Admitted under MQ</u>
1.	Electronics & Comm. Engg.	2004 – 05.	46.	20.
2.	Computer Sc. & Engg.	2004 – 05.	34.	20.
3.	Mechanical Engineering.	2004 – 05.	37.	20.
4.	Electrical Engineering.	2004 – 05.	19.	08.
5.	Electronics & Comm. Engg.	2005 – 06.	51.	20.
6.	Computer Sc. & Engg.	2005 – 06.	42.	20.
7.	Mechanical Engineering.	2005 – 06.	41.	20.
8.	Electrical Engineering.	2005 – 06.	21.	03.

**X. ADMISSION PROCEDURE:**

❖ **Mention the admission test being followed, name & address of the test Agency and its URL (website):**

1. CET Punjab conducted by Punjab Technical University, Jalandhar on State level.  
Website: [www.ptu.ac.in](http://www.ptu.ac.in)
2. AIEEE conducted by CBSE, New Delhi on All India Level.  
Website: [www.aieee.nic.in](http://www.aieee.nic.in)

❖ **Number of seats allotted to different Test qualified candidates separately {AIEEE / CET (State conducted test/ University tests)/ Association conducted test}: 85% seats are reserved for CET Punjab and the remaining 15% are seats are reserved for AIEEE. Out of the Punjab Quota 1/3<sup>rd</sup> of the seats are filled under the management quota as per the guidelines issued by the Punjab Government.**

❖ **Calendar for admission against management / vacant seats:**

- Last date for request for applications: As per PTU, Jalandhar & State Govt. notification.
- Last date for Submission of Applications: As per PTU, Jalandhar & State Govt. notification.
- Date for announcing list (main list and waiting list should be announced on the same day): As per PTU, Jalandhar & State Govt. notification.
- Release of admission list (main list and waiting list should be announced on the same day): As per PTU, Jalandhar & State Govt. notification.
- Date for acceptance by the candidate (time given should in no case be less than 15 days): As per PTU, Jalandhar & State Govt. notification.
- Last date for closing of admission: As per PTU, Jalandhar & State Govt. notification.
- Starting of the academic session: Second week of August.
- The waiting list should be activated only on the expiry of date of main list.
- The policy of refund of the fee, in case of withdrawal, should be clearly notified.

## **XI. CRITERIA AND WEIGHTAGE FOR ADMISSION**

The order of admission criteria is as under:

**State quota: 85 %.**

- CET Rank: - All the candidates appeared in CET are considered in order of merit.
- Marks obtained in 10+2 Non-medical

**All India quota: 15 %.**

- AIEEE Rank.; All candidates appeared in the test in order of merit are considered..