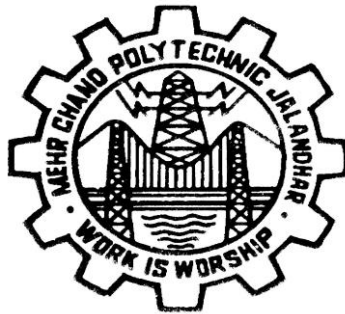


# **MANDATORY DISCLOSURE**

**ACADEMIC YEAR**

**2017-18**



**(ESTD.1954)**

## **MEHR CHAND POLYTECHNIC COLLEGE**

**( MANAGED BY D.A.V. COLLEGE MANAGING COMMITTEE , NEW DELHI)**

**DAYANAND NAGAR**

**G.T. ROAD ,JALANDHAR**

**PH. 0181-2250184 , FAX 0181-2203305**

Website : [www.mcpolyjal.com](http://www.mcpolyjal.com)  
E-mail : [mcpolycjal@yahoo.co.in](mailto:mcpolycjal@yahoo.co.in)

## Mandatory disclosure

### I. NAME OF THE INSTITUTION:

<b>Name</b>	<b>Mehr Chand Polytechnic College</b>
<b>Village</b>	Dayanand Nagar, G.T.Road , Jalandhar
<b>Taluka</b>	
<b>District</b>	Jalandhar
<b>Pin Code</b>	144008
<b>State</b>	Punjab
<b>STD Code / Phone &amp; Mobile nos</b>	0181-2250184
<b>Fax No. / E-mail</b>	0181- 2203305 / <a href="mailto:mcpolycjal@yahoo.co.in">mcpolycjal@yahoo.co.in</a>
<b>Nearest Rly Station</b>	Jalandhar City ( 3 Km)
<b>Nearest Airport</b>	Raja Sansi Airport , Amritsar ( 85 Km )
<b>Web site</b>	<a href="http://www.mcpolyjal.com">www.mcpolyjal.com</a>

### II. NAME & ADDRESS OF THE PRINCIPAL

<b>Name</b>	<b>Sh. Jagroop Singh</b>					
<b>Designation</b> Principal	<b>Date of Birth:</b> <b>(Age)</b> 26.01.1969 42 years	<b>Highest Degree</b> M.Tech (Gold Medalist )	<b>Specialization</b> Soil Mechanics & Foundation Engg.	<b>Total Experience (Years)</b>		
				<b>Teaching</b>	<b>Research Industrial</b>	<b>Academic Administration</b>
				17	-	06
<b>Mobile No.</b> 9878615600	<b>STD Code</b> 0181	<b>PAN No.</b>	ALPPS2333A			
<b>Fax No.</b> 2203305	<b>Phone No. (O)</b> 2250184	<b>Date of relieving from last Job:</b>  --				
<b>E-Mail</b> <a href="mailto:Jagroop_kiwi@yahoo.com">Jagroop_kiwi@yahoo.com</a>	<b>Phone No.(R)</b> 2202593 ;4610156	<b>Date of joining the institution:</b> 23.2.1993				

### III. Name of the Affiliating University:

Punjab State Board of Technical Education & Industrial Training  
Plot No. 1-A, Sector 36 A ,  
Chandigarh

## IV. Governance

To realize the dream of Maharishi Dayanand a group of enlightened, dedicated and devoted followers with a deep sense of self denial, founded the Dayanand Anglo Vedic College trust and Management Society which was registered in 1886. The DAV College Trust and Management Society takes pride in the fact that it is the largest non-governmental educational organization in India managing a chain of 700 institutions including Engineering Colleges, Medical Colleges, Polytechnics, Physiotherapy Colleges, Arts and Science Colleges and Public and Model schools . It covers, the entire spectrum of educational activity in the country. The DAV has established a reputation for academic excellence and character building. Every year thousands of students pass out of these institutions and distinguish themselves in various national and international platforms. The society has, as its alumni, distinguished jurists, diplomats, doctors, engineers, scientists, educationists, literary figures and sportsmen. *The DAV Alumni have made their mark in every sphere of life. Notable amongst them are Ex-Prime Ministers Sh. Atal Bihari Vaajpayee and Sh.I.K.Gujral, Ex-Chief justice of Hon'ble Supreme Court of India Sh M. M. Punchi, mesmerizing singer Sh. Jagjit*

*Singh, the heart beat of millions Shahrukh Khan, Lion of Cricket Sh. Kapil Dev and the present Prime minister Dr. Manmohan Singh to name a few.*

### A) Members of the Governing Body:

#### 1. Dr. Punam Suri, President

A well known media personality, Managing Editor of Daily Milap, acquainted with the latest information technology, a staunch Arya Samajist, an illustrious grandson of Mahatma Anandswami (Mahashaya Khushal Chand), has travelled to all European, Middle, Eastern and Far Eastern Countries.

#### 2. Dr. R.K.Arya, Vice President

A renown cancer specialist and a philanthropist, Dr Arya has been actively associated with DAV and Arya Samaj .He is a physician of international repute .He has done outstanding service in the field of medical science especially cancer treatment.

#### 3. Shri Shrideep Omchery, Vice-President

Shri Shrideep Omchery hails from a renowned family educationists and civil service officers. He is an alumnus of Xavier Labour Relations Institute, Jamshedpur and Wharton School of Management, USA. He has 32 years of varied management experience which has given him an outstanding vision in turn around skills, building strategies for future growth. Well versed with the fundamental of economics, he has been contributing articles to various journals and newspapers such as Business India, Economics Times, Indian Express etc. He has travelled widely both in India and abroad participating in seminars and conferences.

#### 4. Shri R.S. Sharma, General Secretary

An educationist of repute, joined DAV fold in June 1955 as Lecturer in English at DAV College, Amritsar, served as Principal of various DAV Colleges, retired as Principal, DAV College, Jalandhar in 1987, served on various important posts in universities, joined DAV CMC in 1991 and held various important positions such as Secretary, General Secretary, Vice President. Born at Ferozepur Cantt, has visited U.K., France, Switzerland and Germany

#### 5. Shri Ravinder Kumar, Secretary

Retired IA & AS, A product of DAV College, Jalandhar, ex Audit Officer, Office of the Director of Audit Central Revenues, New Delhi, remained on deputation to University Grants Commission and

Municipal Corporation of Delhi, held office of Deputy Accountant General, Punjab, was on deputation to Lok Sabha Secretariat till 1989 when he retired, and has been associated with DAV College Managing Committee since then.

## 6. Sh. Mahesh Chopra, Hony. Treasurer

Born in 1937 in Jammu (J&K State), Sh. Mahesh Chopra has been actively associated with the DAV and Arya Samaj for more than fifty years. He served the DAV Colleges of Punjab and Haryana States as a senior faculty member (Deptt. English). His last stint was in DAV Centenary College, Faridabad whose he is one of the three founding members when in 1985 he was transferred from Dayanand College, Hisar, to build up this Institution. To cater to the professional needs of the Industrial town, Management Courses were started in the evening and he worked as Incharge of the Management Classes. In consequence, it helped in generating large funds to build up the DAV Centenary College

Other members of Governing Body of Mehr Chand Polytechnic College , Jalandhar includes :

7.	Dr.Satish Sharma	Director(Colleges)
8.	Dr.Manoj Kumar,Principal DAVIET	
9.	Director,	<i>Technical Education Changiarh,Pb or his nominee</i>
10.	Secretary,	Psbte & IT Chandigarh or his nominee
11.	Representative	of AICTE,New Delhi.
12.	Dr..Jagroop Singh	Principal
13.	Staff Representative	MCPC,Jalandhar
14.	Staff Representative	MCPC,Jalandhar

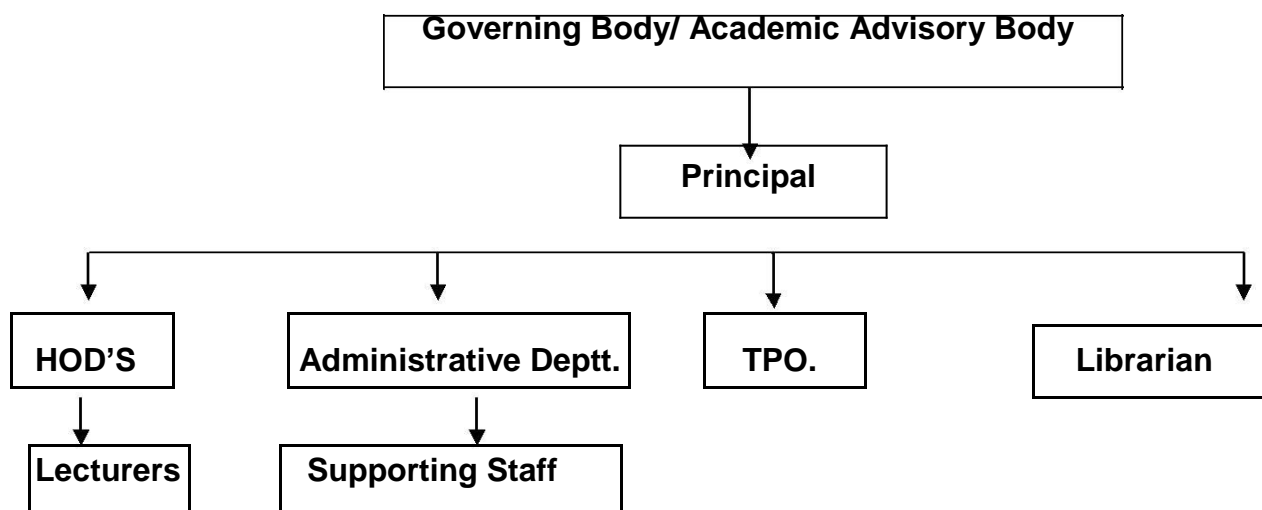
### B) Members of Academic Advisory Body

The members of Governing Body are also the members of Academic Advisory Body.

### C) Frequency of Board Meetings and Academic Advisory Body

Board meetings and Academic Advisory Body meetings are held twice in a year.

### D) Organization Chart and Processes



**E) Nature and extent of involvement of faculty and students in academic affairs/improvements.**

The members of faculty and students are actively involved in academic affairs. Various personality development programmes for students are organized frequently. The members of faculty are also sponsored to attend short term courses for quality improvement . Being member of the Board of the Studies faculty also contributes in revising the syllabi. Students Academic Council has been constituted in the College which includes HODs, Incharges and Student representatives from various streams. The Council holds at least one meeting in each semester to discuss academic affairs /improvements.

**F) Mechanism/norms and procedure for democratic/good governance.**

In order to maintain the accountability, we conduct an internal Audit every Semester at departmental and Inter departmental level. We are applying horizontal system of Admin. For having democratic good governance, in this system there are several functional heads, who are accountable for their jobs responsibilities, and they are fully authorized to take work from their subordinates and colleagues, but they are not to suppose to take any primitive action against them . Of course in case of any indiscipline by a subordinate they can report against him to the institutional head i.e. the Principal.

**G) Student Feedback on Institutional Governance/Faculty Performance**

Student feedback on Institutional Governance/Faculty Performance is obtained once in a semester. Students are always welcomed to report their grievances to their concerned HOD's and Principal. From session 2009, Internal Rationalization Committee has been constituted to seek feedback on Institutional level. The members included

- |                                |                           |
|--------------------------------|---------------------------|
| i) Principal,Dr. Jagroop Singh | Principal                 |
| ii) Sh. S.P.S. Khurana         | Vice principal/Sr.HOD     |
| iii) Ms. Manju Manchanda       | Controller of Examination |

**H) Grievances Redressal Mechanism for faculty, staff & student**

1. For students there is a student academic council .
2. For Faculty there are Staff Representatives who are members in Governing Body
3. For Administrator Staff, there is office supdt , who takes care of their office supdt grievances and talk to the higher authority for their solution

**V. PROGRAMMES**

<b>Name of the Course</b>	<b>Accredited (2006-09)</b>	<b>Sanctioned intake</b>	<b>Duration</b>	<b>Session</b>
<b>Civil</b>	<b>Yes</b>	<b>60</b>	<b>Three years</b>	<b>Morning And Evening</b>
<b>Electrical</b>	<b>Yes</b>	<b>60</b>	<b>Three years</b>	<b>Morning And Evening</b>
<b>Mechanical</b>	<b>Yes</b>	<b>60</b>	<b>Three years</b>	<b>Morning And Evening</b>
<b>ECE</b>	<b>Yes</b>	<b>60</b>	<b>Three years</b>	<b>Morning</b>
<b>Computer</b>	<b>-N.A.-</b>	<b>60</b>	<b>Three years</b>	<b>Morning And Evening</b>
<b>Automobile</b>	<b>-N.A.-</b>	<b>60</b>	<b>Three years</b>	<b>Morning</b>
<b>D.Pharmacy</b>	<b>-N.A.-</b>	<b>60</b>	<b>Two years</b>	<b>Morning</b>

## PLACEMENT FACILITIES

The Institute has an active placement cell headed by a trained and experience placement officer and one senior faculty from each deptt. who maintain a regular contact with the students and the recruitment drive of various companies. They organize mock interviews ,seminars , G.D. etc. to train the students for placement .

It is matter of great pride that the Alumni of the Institute have been occupying very high positions in all spheres of National life .

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

DEPARTMENT	TOTAL STUDENTS PASSOUT	No of students optd for higher studies	Total no of Students Selected Cell
CIVIL	26(M)+28(M)	21(M)+19(E)	08(M)+05(E)
ELECTRICAL	39(M)+16(E)	20(M)+14(E)	9(M)+07(E)
MECHANICAL	22(M)+49(E)	19(M)+37(M)	10(M)+09(E)
ELECTRONICS	20(M)+06(E)	12(M)+01(E)	04(M)
COMPUTER	48(M)+29(E)	35(M)+28(E)	5(M)+04(E)
PHARMACY	49	8	16
AUTOMOBILE	46	16	13
Architecture	24	4	2

2016

DEPARTMENT	TOTAL STUDENTS PASSOUT	No of students optd for higher studies	Total no of Students Selected Cell
CIVIL	63(M)+44(M)	34(M)+20(E)	07(M)+06(E)
ELECTRICAL	45M)+34(E)	15(M)+07(E)	10(M)+02(E)
MECHANICAL	61(M)+50(E)	34(M)+28(M)	08(M)+09(E)
ELECTRONICS	33(M)+25(E)	19(M)+08(E)	04(M)+07(E)
COMPUTER	50(M)+40(E)	30(M)+19(E)	01(M)+03(E)
PHARMACY	60	20	13
AUTOMOBILE	45	9	22
Architecture	28	15	3

DEPARTMENT	TOTAL STUDENTS PASSOUT	No of students optd for higher studies	Total no of Students Selected Cell
CIVIL	65(M)+35(E)	35(M)+18(E)	02(M)+03(E)
ELECTRICAL	28(M)+21(E)	21(M)+15(E)	03(M)+02(E)
MECHANICAL	59(M)+40(M)	35(M)+19(E)	25(M)+03(E)
ELECTRONICS	43(M)+41(E)	23(M)+10(E)	04(M)+06(E)
COMPUTER	58(M)+41(E)	31(M)+14(E)	07(M)+02(E)
PHARMACY	44	17	7
AUTOMOBILE	47	18	12

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

-----N.A.-----

- Details of the Foreign Institution/University:

-----N.A.-----

- For each Collaborative/affiliated Programme give the following:

-----N.A.-----

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

-----N.A.-----



**VI. FACULTY**

<b>Department</b>	<b>Permanent faculty</b>	<b>Adhoc faculty</b>	<b>Total No. of students (2nd +3rd years )</b>	<b>faculty/ student ratio</b>
<b>Civil Engg.</b>	<b>02</b>	<b>4</b>	<b>120</b>	<b>1:18</b>
<b>Elect. Engg.</b>	<b>02</b>	<b>4</b>	<b>120</b>	<b>1:15</b>
<b>Mech. Engg.</b>	<b>01</b>	<b>5</b>	<b>120</b>	<b>1:18</b>
<b>ECE</b>	<b>01</b>	<b>3</b>	<b>120</b>	<b>1:20</b>
<b>Comp. Engg.</b>	<b>03</b>	<b>3</b>	<b>120</b>	<b>1:20</b>
<b>Pharmacy</b>	<b>04</b>	<b>2</b>	<b>120</b>	<b>1:18</b>
<b>Automobile Engg</b>	<b>01</b>	<b>05</b>	<b>120</b>	<b>1:20</b>
<b>Architecture Assistantship</b>	<b>0</b>	<b>04</b>	<b>60</b>	<b>1:20</b>

**i. Faculty stability during the last three years**

No. of faculty employed during the last three years: --

No. of faculty left the during last three years: --

**PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED**  
*(Details of Contribution in Engineering Research, Educational Management and Literature)*

1	<b>Name</b>	<b>Dr. Jagroop Singh</b>
2	<b>Father's Name</b>	S..Baldev Singh
3	<b>Educational Qualification</b>	M.Tech. (Gold Medalist); MBA;PhD, D Litt ;F.I.E
4	<b>D.O.B</b>	26.1.1969
5	<b>Specialization</b>	Soil Mechanics & Foundation Engineering( M.Tech )  Evaluating the Feasibility and Effectiveness of Problem Based Learning approach in Engineering Education at Indian Polytechnics (Ph.D)
6	<b>Nationality</b>	Indian
7	<b>Present Employment</b>	Principal  Mehr Chand Polytechnic College,  Jalandhar
8	<b>E.mail Address</b>	Jagroop_kiwi@yahoo.com
9	<b>Membership</b>	Life Member of the following prestigious

## Technical and Literary bodies

1236071

- a) Institution of Engineers (India) –F-
- b) Indian Geo-technical Society –LM 2270
- c) Indian Road Congress LM-8062
- d) Indian Society for Technical  
Education LM-43139
- e) Punjab Academy of Sciences, Patiala L-751
- f) Lok Sahitya Academy (Regd.) Moga
- g) Fellow member of International Institute of  
Education and Management at New Delhi
- h) Member of Indian Solidarity Council, New

Delhi.

10	<b>Teaching Experience</b>	<b>24 years</b>
11	<b>Administrative Experience</b>	<b>08 years</b>
12	<b>Countries Visited</b>	<b>UK, Japan, South Korea, Thailand , UAE</b>

13 **Awards & Honours**  
M.Tech.

in

Art and

competition

- a) Gold Medal for standing first in  
(PTU) - 80.2% marks
- b) Honoured by Punjabi Bradree Kolkata  
  
1995 for contribution in the field of  
  
Literature.
- c) Received 1<sup>st</sup> prize in short story  
  
in 2004
- d) Received Rashtriya Vidya Saraswati  
Puraskar at National Seminar organized  
by IEM, New Delhi. (2010)
- e) Member, Governing Body of DAV  
Institute of Engineering & Technology,  
Jalandhar.
- f) Received Life time Achievement Gold  
Medal Award by I.S.C (2010)
- g) Member Editorial Board Journal of  
Health and Sciences Punjab .
- h) Received Management Excellence  
Award  
from Management & Industrial  
Development Institute (MIDI) in 2011.
- i) Received Rashtriya Shiksha Samman  
  
Puraskar from India Society for  
Industry  
  
Intellectual Development , New Delhi  
( 2011)

J) Received Award of Honour and certificate

of appreciation from Anti Corruption Society

(Regd.) Jalandhar at 26<sup>th</sup> Annual Function held

on 11.03.2012

k) Received Asia Pacific International Award

in 2013 in Bangkok .

l) Received National Achievement Award for

Education Excellence 2017 by Global Achievers Foundation at Dehradun .

#### ***14 Achievements/Contributions***

##### **A) Academic: (Research Paper Presentation)**

- Presented expert talk on “ Problem Based Learning – A key to development of Entrepreneurial Skills” on 13<sup>th</sup> March , 2018 during one week comprehensive Entrepreneurship Development Program conducted by NITTTR, Chandigarh at MCPC, Jalandhar .
- Research paper on Effectiveness of Problem Based Learning Approach in Engineering Education at Indian Polytechnics presented at the IAFOR International Conference on Language Learning – Dubai (IICLL Dubai 2018 ) – Feb 16-18, 2018.
  
- *Research paper on the topic “Engaging Polytechnic Students with Problem*

**Based Learning in Civil Engg. Courses”** presented at 4<sup>th</sup> Asian Conference on Education held at Osaka , Japan ( Oct. 24-28 , 2012)

- Research Paper ‘ **Is Problem based learning (PBL) a better approach for engineering education at Indian Polytechnics?**’ presented at 3<sup>rd</sup> Bharatiya Vigyan Sammelan and Expo held at Lovely University Phagwara, Punjab ( 11-14Oct., 2012)
  
- Research Paper ‘**How to promote physics to strengthen technical education**’ presented in AICTE & IAPT Sponsored National Seminar-cum-Workshop held at Satguru Ram Singh Govt. Polytechnic College for Girls Ludhiana (23 Feb,2012)
  
- Research paper ‘**Problem based learning in Engineering education at Indian Polytechnics**’ presented at 15<sup>th</sup> Punjab Science Congress held at GNDU Amritsar (9th Feb, 2012).
  
- Research Paper ‘**Using a constructivist approach to tech physics**’ presented at 15<sup>th</sup> Punjab Science congress held at GNDU Amritsar (8<sup>th</sup> Feb,2012)
  
- Research paper ‘**Problem Based Learning in Engineering and Management**’ presented in Absentia at S.B.Jain Institute of Technology, Management & Research Nagpur (28th Jan, 2012)
  
- Research paper on “**Reorientation of Higher Education- Need of Values and ethics in Technical Education**”, presented at **41<sup>st</sup> National Convention of ISTE**, New Delhi held at B.B.S.B Engg College, Fatehgarh Sahib (16-18 Dec,2011)

- Research paper “**Technical learning through sixth sense for visually handicapped**” published in Vol 1 No.1 National issue of Annual journal ‘**COHERENCE**’ (2010), ( DAV College for girls, Yamunanagar, Haryana)
- *Applications of Knowledge Management in Educational Institutions* at 11<sup>th</sup> Punjab Science Congress held at Thapar University Patiala. (8<sup>th</sup> February 2008).
- **Technical Paper on Environmental Preservation by Bulk Utilization of flyash**; presented in **absentia** at **International conference on Geosynthetics IGS-Thailand at Bangkok. (6-7 December 2007).**

#### **15. Achievement during Tenure of Principal ( 01.02.2009 onwards )**

- a) Mehr Chand Polytechnic College was awarded Best Polytechnic of North India in 2011 & 2013 .
- b) Mehr Chand Polytechnic College was declared as Community College of Punjab by M.H.R.D, G.O.I. in 2013
- c) Mehr Chand Polytechnic College was selected by British Council as the only Polytechnic College of North in 2014 for Institutional Capacity Building with Hackney Community College London as Training Partner
- d) College won Overall Trophy in State Tech Fests & State Youth Festivals no. of times from 2010 to 2016 .
- e) College was awarded Excellent Polytechnic in Punjab -2017 at 2<sup>nd</sup> National Punjab Education Summit held at NITTTR, Chandigarh .
- f) College was awarded outstanding Polytechnic Institution of Northern Region in 2017 by NITTTR, Chandigarh .
- g) College was awarded Best CDTP Institute of Northern India in 2017 by NITTTR, Chandigarh .

#### **16 Books Published**

##### **a) Technical field**

- 1) Elements of Earthquake Engineering-Eagle Publications Jalandhar. (2007)

- 2) Construction Management & Accounts Eagle Publications Jalandhar.  
(2007)
- 3) Soil Engineering & Foundation Eagle Publications  
Jalandhar(2004,2007 rev.)
- 4) A Book on Highway Engineering- Eagle Publications Jalandhar.  
(2006,2007 rev.)
- 5) A manual on Survey Camp- Eagle Publications Jalandhar. (2006-07 rev.)

**b) Literary field**

- 1 **Nikke-Nikke Suraj** (*Punjabi Literature*) -Ravi -Sahit Parkashan  
Amritsar. (2001)
- 2 ***Vihi Wala Booha*** (*Punjabi Literature*)--Lok Geet Parkashan  
*Chandigarh. (2008)*
- 3 ***Navik Ke Teer*** (*Hindi Literature*)—Sadaknama Publiation, Moga  
(2009).
- 4 ***Mere Hissey Ki Dhoop*** (*Hindi literature*) -2011
5. ***Shrimad Dayanand Prakash*** (*Translation*) -2013
6. ***Mahatma Anand Swami De Lok Pravachan*** -2016

( *Dr.Jagroop Si*



**. FEE**

i. Collection of fee are incorporated by the Institution as per the guidelines and approval by the State fee Committee.

**FEE STRUCTURE OF THE INSTITUTION**

Sr.No Details	Amount (in Rs.)
<b>Board's Charges</b>	
1.Registraton Charges(one time)	500.00
2.House Examination Charges(Yearly)	100.00
Collection on behalf of institute	
3.Tution Fee (Half yearly)	11000.00
4.Refumdable Security(One Time)	500.00
5.Development fund (Yearly)	3650.00
6.Student Activity Fund (Yearly)	2500.00
<b>Grand Total</b>	<b>18250.00</b>

- The student of Sc/ST category of Punja shall pay only Rs 1100/-at the time of admission.subject to the condition that family annual income is less than Rs.2,50,000.

- Refundable Security 500
- Registration Charges 500
- Refundable security of
- Student activities related fund 100

Incase a SC candidate not having the proof of the income shall pay the fee of Rs.14400/-as per other categories

Detail of Student activities related fund

a) Student Fund	665/-	PA
b) Annual/culture fund	67/-	PA
c) Audio Visual	67/-	PA
d) Common Room /club	67/-	PA
e) Library fund	133/-	PA
f) Magazine charges	33/-	PA
g) NCC/NSS	33/-	PA
h) Cycle /Scooter charges	133/-	PA
i) Medical fund	67/-	PA
j) Drawing Board	133/-	PA
k) General maintenance	667/-	PA
l) Recreation	68/-	PA
m) Student chapter	35/-	PA
n) Stationary Charges	67/-	PA
o) Valedictory fund	66/-	PA One Time
p) Identity Card	66/-	PA One Time
q) Refundable Security	133/-	PA One Time
<b>Grand Total</b>	<b>2500</b>	

In addition to the above fee structure, Govt of Punjab has formulated a compressive insurance scheme for the benefit of student to the polytechnic. The charges for the same shall be collected at the level of institute.

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

**Semester wise fee is taken in the month of January and July every year.**

As per Punjab Government notification no.13/60/08-ITE2/2650 dt.

24.6.10, 5% additional seats shall be given to the following categories:

- A. Women Candidates
- B. Economically Weaker
- C. Physically Handicapped

For every group of 60 sanctioned intake, 03 additional seats will be given which will be allocated for the above categories. In the even of non availability of student in a specific category as above, the benefit will be given to any other category according to merit.

### Eligibility:

Matric passed children of parents having annual income less than Rs.4.50 lakhs from all sources shall only be eligible for seats under this scheme. For the students admitted under this scheme, entire fee including tuition fee, institutional charges and university/board funds for these students shall be completely waived off. The tuition fee waiver to a student shall be for the complete duration of the course.

Note: All these seats shall be over and above the sanctioned intake. This scheme is only applicable to residents of Punjab

iv. Number of scholarship offered by the institute, duration and amount.

1. **Sh. Pal Singh Krishna Devi Memorial Scholarship for four students @ Rs. 1200/- per annum**
2. **Sh. Thakur Dass Sharma Scholarship for 05 students @ Rs.3600/- per Annum**
3. **Prof. SH. Kuldip Laroia Memorial Scholarship for 3 boys students @ Rs. 6000/- per annum**
4. **Mrs. Krishna Devi Dev Raj Laroia Memorial Scholarship for three girls students @ Rs.6000/-**
5. **Manav Sehjog Society Jalandhar for 5 students @ 10,000/-**

v. Criteria for fee waivers/scholarship.

**Scholarships are given to the students as recommended by the HOD/faculty and approved by the Principal on the basis of merit cum means.**

vi. Estimated cost of boarding and Lodging in Hostels.

**Annual fee of hostel = Rs. 21000/- per year  
Diet / refreshment charges = Rs. 2400/-Pm**

vii. **ADMISSION**

a. Number of seats sanctioned with the year of approval.

	Courses (FT)	1 <sup>st</sup> Year of approval by AICTE (give approval ref. no. & date)	Sanctioned intake	Status of Accreditation (Validity period)	
Diploma	<i>Civil</i>	1958	Copy of letter No. F-5-31/56 T.4 Dated 24/12/56 from Dy.Advisor G.O.I. , New Delhi. 7-21(elx)78-NRO/ED-6310 dated 05/02/85 & 7-21/LIX/78-NRD-1876 dtd. 20/06/80 F 34-24/85 T-S dtd 06/09/85 from GOI , New Delhi	60	Accredited in four programs – Civil, Electrical , Mechanical and ECE for three years w.e.f. 29/06/06 to 28.06.09 by NBA of AICTE
	<i>Electrical</i>	1958		60	
	<i>Mechanical</i>	1958		60	
	<i>ECE</i>	1982		60	
	<i>Computer</i>	2003		60	
	<i>Pharmacy</i>	1987		60	
	<i>Automobile</i>	2010		60	
	<b>Evening shift</b>				
	<i>Civil</i>	2010			
	<i>Electrical</i>	2010			
<i>Mechanical</i>	2010				
<i>Computer</i>	2010				

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

Morning Shift

Courses	2015		2016		2017	
	Sanctioned +Feewave+Leet	Admitted	Sanctioned +Feewave+Leet	Admitted	Sanctioned +Feewave+Leet	Admitted
Civil	75	75	75	75	75	75
Electrical	75	75	75	75	75	75
Mechanical	75	75	75	75	75	75
ECE	75	60	75	52	75	43
Computer	75	74	75	73	75	75
Automobile	75	74	75	75	75	68
Pharmacy	60	60	60	60	60	60
Architecture	60	45	75	31	75	29
Total	570	538	585	512	501	498

Evening Shift

Courses	2015		2016		2017	
	Sanctioned +Feewave+Leet	Admitted	Sanctioned +Feewave+Leet	Admitted	Sanctioned +Feewave+Leet	Admitted
Civil	75	55	75	48	75	14
Electrical	75	73	75	63	75	46
Mechanical	75	74	75	63	75	52
ECE	-	-	-	-	-	-
Computer	75	52	75	54	75	47
Total	300	254	300	228	252	159

Admissions are done by the affiliating Board i.e. Punjab State Board of Technical Education & Industrial Training , Chandigarh by conducting Joint Entrance test.

<b>Name</b>	<b>The Punjab State Board of Technical Education and Industrial Training</b>		
<b>Address</b>	<b>Plot No. 1-A , Sector 36- A Chandigarh</b>		
<b>Pin Code</b>		<b>Period of approval of Affiliation</b>	<b>2013-2014</b>
<b>STD Code</b>	<b>0172</b>	<b>Phone No. (Head of Affiliating body )</b>	2615385 , 2612262, 2667437
<b>Fax No. (Head of Affiliating body )</b>	2660734	<b>E-Mail/ Web site</b>	www.punjabteched.com

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

**Arya Samaj: 15%**

**c. Admission against management/vacant seats:**

As per decision of Hon'ble Supreme Court of India the Institute is authorized to make 15% admission.

**Calendar for admission (management/vacant seats)**

- i. Last date for request for applications. **July (Every year)**
- ii. Last date for submission of application. **Last/First week of July/  
August (Every year)**
- iii. Dates for announcing final results. **Second week of August (Every year)**
- iv. Release of admission list (main list and waiting list should be announced on the same day) **Second week of August (Every year)**
- v. Date for acceptance by the candidate (time given should in no case be less than 15 days)  
**Last week of August**
- vi. Last date for closing of admission. **Last week of August**
- vii. Starting of the Academic session. **As per Board calendar**
- viii. The waiting list should be activated only on the expiry of date of main list.
- ix. The policy of refund of the fee, in case of withdrawal, should be clearly notified. **As per Board guidelines.**

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

- a. Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination ( As per JET Brochures )
- b. Mention the minimum level of acceptance, if any. ( As per JET Brochures )
- c. Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.
- d. Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

**Board Guidelines are followed for the above points.**

**APPLICATION FORM**

- a. Downloadable application form, with online submission possibilities.

**Application forms will be available at the time of admission on State Board' website [www.punjabteched.com](http://www.punjabteched.com)**

**LIST OF APPLICANTS**

- b. List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats.

**RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS**

- c. Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)
- d. Score of the individual candidates admitted arranged in order of merit.
- e. List of candidates who have been offered admission.
- f. Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
- g. List of the candidates who joined within the date, vacancy position in each category before operation of waiting list.

**INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE****LIBRARY:****21. (ii) Library Books & Journals for existing Polytechnic institution**

S.No	Course(s)	Number of Books		Journals	
		<i>Titles</i>	Volumes	National	International
1	Civil / Architecture	5584	<b>36201</b>	<b>3</b>	
2	Electrical	5303		<b>2</b>	
3	Mechanical /Automobile	5074		<b>3</b>	
4	ECE	5707		<b>5</b>	
5	Computer	1760		<b>2</b>	
6	Pharmacy	1546		<b>5</b>	
7	Applied Science	5451		<b>4</b>	
8	Others	2914		<b>19</b>	
9	Learning material	2862			

**LABORATORY:**

<b>Sr. No.</b>	<b>Name of Course</b>	<b>Name of the Laboratory/Workshop</b>
1	<i>Civil Engg.</i>	1. <i>Survey Lab</i> 2. <i>Hydraulics Lab</i> 3. <i>Structure lab/Material Testing Lab</i> 4. <i>Structure Mechanics Lab</i> 5. <i>Water Testing Lab</i> 6. <i>Soil and Highway Engineering lab</i>
2	<i>Mech Engg.</i>	1. <i>Applied Mechanics Lab</i> 2. <i>Material Science Lab</i> 3. <i>Thermal Lab</i> 4. <i>Refrigeration &amp; A.C.</i> 5. <i>Auto Lab</i> 6. <i>CAD Lab</i> 7. <i>Fluid Mech. Lab</i> 8. <i>Meteorological Lab</i>
3	<i>Elect. Engg.</i>	1. <i>Machine Lab</i> 2. <i>Elex Lab</i> 3. <i>Electrical Workshop</i>
4	<i>Elex. Lab</i>	1. <i>T.V. lab</i> 2. <i>Communication Lab</i> 3. <i>Micro &amp; Digital Elex. Lab</i>
5	<i>Computer Engg.</i>	1. <i>Computer Engg. Lab - 06</i> 2. <i>Hardware Lab</i>
6	<i>Pharmacy</i>	1. <i>Pharmaceutics Lab</i> 2. <i>Chemistry Lab</i> 3. <i>H &amp; CP lab</i> 4. <i>A.P. Lab &amp; Cognosy</i>
7	<i>Applied Science</i>	1. <i>Physics Lab</i> 2. <i>Chemsitry Lab</i> 3. <i>C.S. Lab (Analog &amp; Digital)</i>
8	<i>Workshops</i>	1. <i>Foundry Shop</i> 2. <i>Welding Shop</i> 3. <i>Smithy Shop</i> 4. <i>Fitting Shop</i> 5. <i>Carpentary Shop</i> 6. <i>Patteron Shop</i> 7. <i>Machine Shop</i> 8. <i>Sheet Metal Shop</i> 9. <i>Electroplating &amp; Sheet Metal Shop</i> 10. <i>Turning Shop</i> 11. <i>Electrical Shop</i>

**COMPUTING FACILITIES:**

Particulars	Requirements as per Norms		Availability
No of Computer terminals			<b>220</b>
Hardware Specification			<b>I3,Core 2 Duo, Dual Core</b>
No of terminals on LAN/WAN			<b>170</b>
Relevant Legal Software	<b>System 05</b>	<b>Application 20</b>	<b>As per Annexure</b>
Peripheral(s)/ Printers			<b>Printer 19</b> <b>Scanner 03</b>
Internet Accessibility (in kbps & hrs)			<b>7 mbps Leased Line ( Fibre Optic ) M/S HFCL Connect Ltd. Chandigarh</b>

**List of facilities available.**

**a. Games and Sports Facilities**

It has been rightly said that “ Health is Wealth” and to reduce the stress in today’s life it is believed that besides education some entertainment should also be there. Students at this institute are not doing exceeding well in the academics only but are doing equally well in sports . They have brought laurels to the Institute many times in various sports in the state . The various playgrounds available in the institute are : -

- |  |   |                                   |
|--|---|-----------------------------------|
| <ol style="list-style-type: none"> <li>1. Cricket</li> <li>2. Kabaddi</li> <li>3. Kho-Kho</li> <li>4. Volleyball</li> <li>5. Hockey</li> <li>6. Football</li> <li>7. Basket Ball</li> <li>8. Hand ball</li> <li>9. Athletic Track</li> </ol> | } | Common with DAV College Jalandhar |
|--|---|-----------------------------------|

**Extra Curriculum Activities:**

The Institute has fully modernised Auditorium with the seating capacity of 1000 persons . The Institute has separate Seminar hall, Conference room, Hostel ,



Canteen, Open Air Theater and other facilities. Emphasis is given sumptuously on the extra curricular activities .

## **National Cadet Corps**

Mehr Chand Polytechnic College is equipped with well organized NCC- Wing attached with 2 PB Bn NCC- Jalandhar to prepare & Build 2<sup>nd</sup> Line Army for the country . It is shaping the youth of country into well behaved , cultured , mentally robust & highly disciplined citizens with officer like qualities to survive in all harsh and tough conditions of life.

Lt. Pankaj Gupta is NCC Commissioned Officer as “ Lieutenant” in Indian Army. He is managing all responsibilities with utmost efforts & patriotic -spirits.

## **SAVE EARTH SOCIETY**

Mehr Chand Polytechnic College has established a cell “SAVE EARTH SOCIETY” to carry out the activities like **Tree –plantation , blood donation, campaign against environmental pollution , global warming & drug addiction , female foeticide etc.** with Sh. Sanjay Bansal Sr. Lecturer as the president & Mrs. Meena Bansal as the vice-president to carry out the activities like Tree-plantation, blood donation, campaign against environmental pollution, global warming & drug addiction, female foeticide etc. It was founded by Principal S. Jagroop Singh in February 2009.

Office bearers:

Patron- Principal Dr. Jagroop Singh  
President- Dr. Sanjay Bansal, Sr. Lecturer  
Vice President- Mrs. Meena Bansal, Lecturer

Activities Performed:

The activities performed by the “SAVE EARTH SOCIETY” are as follows:-

1. Tree plantation
2. Tilak Holi celebration
3. Seminar on water conservation
4. Celebration of Earth Hour – Awareness about global warming
5. Awareness lecture against drug addiction
6. Tree plantation (On Environment Day)
7. Right to Vote
- 8 Shivar Bharosa for academically weak students.

## **LENSMEN CLUB**

Lensmen club was established at Mehr Chand Polytechnic College , Jalandhar in the year 2009 . S. Jagroop Singh is the Patron of the Club and Sh. Sundip Kumar , Lecturer

in Pharmacy was appointed President of this Club . The aim of the Club is to motivate the students to take photography as hobby who are not interested elsewhere.

## **DAYANAND CHETNA MANCH**

A cell named DYANAND CHETNA MANCH has been established in the year 2009 with the main aim to impart moral education to the students and make them self reliant ,determined and self disciplined.Its work includes organizing various programmes and function to meet its aim.

## **ENTREPRENEURSHIP DEVELOPMENT CELL**

As per the Policy of Govt. of India AICTE has released grants established an Entrepreneurship Development Cell at Mehr Chand Polytechnic College, Jalandhar . In India , a large no. of Technical Institutions have emerged in recent past . Many of these are comparable to the least Institutions in the world . These institutions are churning out large no. of trained manpower , thus fulfilling the need of the Industry and other sectors of economy . In order to make optimal use of facilities , expertise knowledge is available in these Institutions for the benefit of Society . It is necessary that appropriate links are established between them & Industry .

In view of scarcity of jobs , it is more appropriate for technocrats fully exploit their potential . As per policy of Govt. of India , AICTE released grant to promote & established ED Cell at Mehr Chand Polytechnic College , Jalandhar .

This ED Cell is organizing seminars expert lectures , entrepreneur awareness camps , short term courses on skill development etc to motivate shading technocrats to start their own ventures to become job givers rather than job seekers.

### **Office Bearers :**

Chief Co-ordinator	:	Dr. Jagroop Singh
Co-ordinator	:	Sh.Hira Mahajan

## **RED RIBBON CLUB**

Red Ribbon Club was established at Mehr Chand Polytechnic College , Jalandhar under the Presidentship of Sh. S.P.S. Khurana , Head Pharmacy Deptt. The aims of the club are to arrange seminars, exhibitions to create awareness about AIDS and Adverse effects of drugs amongst the students . Red Ribbon Youth Clubs have been formed in various Colleges of the State. The staff under this Project visits the institutions and with the help of the Club Members undertake various activities to spread awareness about AIDS and its control.

Mehr Chand Polytechnic College is attached with Pushpa Gujral Science City and has constituted “Red Ribbon Club” in the College. Various activities organized in the College are:

**\*Visit of Red Ribbon Express.**

**\*Painting Competition on AIDS**

**\*Quiz**

**\*Workshops**

National Social Service (NSS)

To inculcate ethical and patriotic values in students , NSS wing has been established in the college in the year 2009. The wing has been set up not only to arouse the social conscience of the student but also to provide them an opportunity to work with the community in rural and urban sector. The events /campaign usually conducted by NSS wing are

- (i) Tree Plantation
- (ii) Cleanliness Drive
- (iii) Drug De-Addition Camps
- (iv) Blood Donation Camps
- (v) Independence Day and National Youth Day Celebrations
- (vi) Elocution contests and Group Discussions

Sh. Durgesh Kumar, Instructor in workshop department is the Co-ordinator of  
NSS Wing

NATIONAL CADET CORPS(NCC)

Mehr chand Polytechnic college is equipped with well organized ncc wing attached with 2pb bn ncc-jaladhar to prepare & build 2<sup>nd</sup> line army for the country . it is shaping the youth of country into well behaved ,cultured ,mently robust and highly disciplined citizens with officer like qualities to survive in all harsh and tough conditions of life.

## **Aim and objectives**

1. Unity and discipline
2. Opportunity for cadets to live and work together.
3. TO develop stamina,endurance,self confidence,team spirit,spirit-de-corps.
4. To meet the requirements of cadets for NCC-special entry scheme into armed forces.
5. TO impart-Extensive coaching to qualify "Bee" & "Cee" certificate Exams.

Training Camps-TO design & develop "cadet" into a "man" & to inculcate in his leadership qualities,various camps are organized by Indian army.

1. Annual Training Camps
2. Army Attachment Camps
3. THal sena Camps
4. Repulbic Day Campus
5. National Integration camps
6. Mountaineering camps
7. Youth Exchange Programms
8. Cycle Expeditions
9. Bee-certificate Examination
10. Cee- certificate Examination
11. SSB-Coaching at officer Training Acadmy

### **PLEDGE**

TO Eradicate the social evils from society,various social & adventurous activities are organized in the college.

A "PLEDGE" is taken by cadets every years for

1. Anti Dowry
2. Female foeticide
3. Old age Help
4. Blood donation
5. Tree-plantation
6. AIDS-awareness
7. Respects to elders and female colleagues.

Lt. Pankaj Gupta is NCC commissioned Officers as

"Lieutienant" in Indian Army .He is managing all responsibilities with utmost efforts & patrriotics-spirits

8. Right to Vote (for Above 18 years students)

**b. Soft Skill Development Facilities:**

- i. Regular lectures on Personality Development are organized where the experts from various fields share their thoughts and experiences with the students. A separate finishing school has been set up to guide, motivate and encourage the final year students and to improve their presentation and communication skills for placement.
- ii. Additional courses are organized for the students to suit the needs of the industry in addition to regular studies.

**c. Number of Classrooms and size of each:** 08 , 40 m<sup>2</sup>

**d. Number of Tutorial rooms and size of each:** 03 , 33 m<sup>2</sup>

**e. Number of laboratories and size of each:** 26+3 , 1930+840 m<sup>2</sup>

**f. Number of drawing halls and size of each:** 04 , 112.50 m<sup>2</sup>

**Number of Computer Centers with capacity of each:** 03 , 60

**Central Examination Facility, Number of rooms and capacity of each:**

A Total of 8 to 10 rooms are used for conducting examination and each room has capacity to accommodate 50 to 70 students for the examination purpose .

**Teaching Learning process**

- a. Curricula and syllabi for each of the programmes as approved by the Board : *Curricula designed and approved by the Board is followed for all the programmes.*
- b. Academic Calendar of the Board : [www.punjabteched.com](http://www.punjabteched.com)
- c. Academic Time Table : *Attached at Annexure-I*
- d. Teaching Load of each Faculty : *As per AICTE guidelines*
- e. Internal Continuous Evaluation : *Continuous internal evaluation system System and place of students is followed as per Board guidelines. Regular record of each student is maintained in attendance –cum – Performance register by the faculty.*
- f. Students' assessment of Faculty, : *Student evaluation of faculty is System in place conducted once in a*

*semester.Proforma attached  
at Annexure-II.*

**Teaching Learning Process**

- Conducting practical using modern equipment
- Providing Calendar/Examination Schedule/Student Courses Files at the beginning of the academic year.
- Arranging special lectures by the Experts.
- Encouraging the students to participate in seminars.
- Industrial visits to get exposure and promote Institute-Industry interaction.
- Imparting leadership qualities, teamwork and communication skills to the students  
by organizing personality development courses and seminars.
- Informing parents about the progress of their wards periodically.
- Monitoring by periodic written feedback from the students.
- Using modern technical aids (Audio Visual).
- Interaction with the industries.
- Regular knowledge updating through Library and Reference work.
- Participate in Seminars.
- Self assessment and Faculty Feed back. .
- Sponsoring faculty for short term courses

**Principal  
Mehr Chand Polytechnic  
College**

**Jalandhar**

**Annexure-I**  
**Annexure-II**

**MEHR CHAND POLYTECHNIC COLLEGE , JALANDHAR**  
**TEACHER’S EVALUATION BY THE STUDENTS**

**Department:** \_\_\_\_\_

**A.** Excellent **B:** V. Good **C:** Good **D:** Average **E :** Below Average

1	Method of Teaching						
2	Behaviour with students						
3	Knowledge in the subject matter						
4	General Awareness ( Knowledge in other subjects )						
5	Whether he/She comes prepared in class						
6	Whether he/she is punctual						
7	Convinces any queries by students						
8	Whether class time is spent on un important						

Special Remarks about any teacher /improvement

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