



GOVERNMENT OF PUDUCHERRY



DIRECTORATE OF HIGHER AND TECHNICAL EDUCATION

**MOTILAL NEHRU GOVERNMENT
POLYTECHNIC COLLEGE**

**ACADEMIC YEAR
2020-21**

**Information
Brochure**

**ADMISSION TO I YEAR / LATERAL
ENTRY / I YEAR PART TIME
DIPLOMA COURSES**



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**MOTILAL NEHRU GOVERNMENT
POLYTECHNIC COLLEGE,
LAWSPET, PUDUCHERRY 605 008.**

ADMISSION TO DIPLOMA COURSES

**INFORMATION BROCHURE
ACADEMIC YEAR 2020-2021**

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DIPLOMA COURSES IN MOTILAL NEHRU POLYTECHNIC COLLEGE

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**DIPLOMA COURSES
IN
MOTILAL NEHRU
GOVT. POLYTECHNIC
COLLEGE**

1. INTRODUCTION

Motilal Nehru Govt. Polytechnic College offers eight 3-year Diploma Courses. All these courses are approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to the Directorate of Technical Education (DOTE) Chennai, Tamil Nadu.

Admission to Motilal Nehru Government Polytechnic College is made in TWO modes as below:

Regular mode

1. Direct Entry I year (based on SSLC or equivalent as Qualification) (3 years study duration)
2. Lateral Entry to the 2nd Year (based on HSC / ITI as Qualification) (2 years study duration)

Part Time Mode

Direct Entry I year (based on SSLC with 2 years Experience / ITI) (4 years study duration)

For more details refer the following Sections:

- Section 4 - Eligibility conditions
- Section 5 – Selection Criteria
- Section 6 – Seat Matrix

For other details regarding submission of applications refer General Information Brochure.

For the academic year 2020-2021, total numbers of seats is as below:

Type of Seats	No. of Seats*
Regular Seats (I YEAR)	400
Lateral Entry Seats (10 % of Regular Seats + Lapsed seats in II Year) (40+141)	181
Part Time Seats	120
Total	701

* No. of Seats is subject to change.

2. COURSES OFFERED

Sl. No.	Specialization in the Diploma	Regular seats	Lateral Entry Seats		Part Time Entry Seats
			Approved Intake	Vacancy in I year	
1	Civil Engineering	60	6	34	30
2	Mechanical Engineering	60	6	10	40
3	Electrical and Electronics Engineering	60	6	16	50
4	Electronics and Communication Engineering	60	6	22	0
5	Instrumentation and Control Engineering	60	6	22	0
6	Information Technology	40	4	17	0
7	Chemical Engineering	30	3	10	0
8	Modern Office Practice	30	3	10	0
TOTAL(400+40+141+120=701)		400	40	141	120

3. ELIGIBILITY CONDITIONS

(A) For Regular admission:

For Regular admission to the First year of the 3-year Polytechnic diploma courses, the student should have passed in the S.S.L.C. examination or an examination equivalent thereto acceptable by the Directorate of Technical Education, Chennai, Tamil Nadu.

(B) For Lateral Entry to the 2nd Year of the 3-year Polytechnic Diploma Courses the student should have passed in:

- (a) **For Diploma in Engineering Courses:** HSC (Academic Stream) or an examination equivalent thereto acceptable by the Directorate of Technical Education, Chennai, Tamil Nadu with Physics, Chemistry as compulsory subjects and Mathematics or Biology as one of the subjects;

For Diploma in Modern Office Practice Course: H.Sc. (Academic Stream) or an examination equivalent thereto acceptable by the Directorate of Technical Education, Chennai, Tamil Nadu with English as compulsory subject and Accountancy or Elements of Economics or Elements of Commerce as one of the subjects;

OR

- (b) HSC (Vocational Stream) or an examination equivalent thereto acceptable by the Directorate of Technical Education, Chennai, Tamil Nadu with the respective specialisation;

OR

- (c) ITI in respective specialisation and with SSLC qualification.
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Sl. No.	Specialization	Specialisation required in HSC (Vocational Stream) and ITI
1	Civil Engineering	H.Sc. (Vocational Stream) in Building Maintenance / Soil Conservation and Rural Technology / Draughtsman (Civil) or related vocational course OR 2 years ITI in Draughtsman (Civil) / Mason (Building Constructor) or related trade.
2	Mechanical Engineering	H.Sc. (Vocational Stream) in General Machinist / Auto Mechanic / Repair and Maintenance of Two Wheelers / Tractor Repair and Maintenance / Diesel Mechanic / Draughtsman (Mechanical) / Sheet Metal Work / Foundry / Foundry Technology / Welding / Fitting / Metal Finishing or related vocational course OR 2 years ITI in Fitter / Mechanic (Motor Vehicle) / Welder (Gas & Electric) / Auto rickshaw and Four Wheeler Driving and Mechanism / Refrigeration and Air Conditioning – Mechanic / Machinist / Turner / Mechanic (Diesel) or related trade.
3	Electrical & Electronics Engineering	H.Sc. (Vocational Stream) in Electrical Motor Winding / Electrical Domestic Appliance Repairs and Maintenance / Maintenance and Servicing of Electrical Machines including Generators or related vocational course OR 2 years ITI in Electrician / Wireman or related trade.
4	Electronics & Communication Engineering	H.Sc. (Vocational Stream) in Domestic Electronic Equipment (Project Equipment) Servicing and Maintenance / Radio and Television Maintenance and Repair / Electronics or related vocational course OR 2 years ITI in Electronic Mechanic or related trade.
5	Computer Engineering	H.Sc. (Vocational Stream) in Computer Science / Business Machines and Computer Programming or related vocational course OR 2 years ITI in Information Technology & Electronic System Maintenance / Data Entry Operator / Computer Operator & Programming Assistant / Desktop Publishing Operator or related trade.
6	Architectural Assistantship	H.Sc. (Vocational Stream) in Building Maintenance / Soil Conservation and Rural Technology / Draughtsman (Civil) or related vocational course OR 2 years ITI in Draughtsman (Civil) / Mason (Building Constructor) or related trade.

Sl. No.	Specialization	Specialisation required in HSC (Vocational Stream) and ITI
7	Instrumentation & Control Engineering	H.Sc. (Vocational Stream) in Electronics or related vocational course OR 2 years ITI in Instrument Mechanic / Electronic Mechanic or related trade.
8	Information Technology	H.Sc. (Vocational Stream) in Computer Science / Business Machines and Computer Programming or related vocational course OR 2 years ITI in Information Technology & Electronic System Maintenance / Data Entry Operator / Computer Operator & Programming Assistant / Desktop Publishing Operator or related trade.
9	Chemical Engineering	H.Sc. (Vocational Stream) in related vocational course OR 2 years ITI in related trade.
10	Modern Office Practice	H.Sc. (Vocational Stream) in Accountancy and Auditing / Banking / Business Management for Small Scale Industries / Co-operative Management / International Trade / Marketing and Salesmanship / Insurance / Material Management / Office Secretary ship or related vocational course OR 2 years ITI in Stenography (English) / Secretarial Practice or related trade.

(C) For Part time diploma courses the student should have passed in:

(a) S.S.L.C. examination or an examination equivalent thereto acceptable by the Directorate of Technical Education, Chennai, Tamil Nadu with minimum of 2 years full time work experience in registered firm /company/ industry / educational and / Government Autonomous organization in the relevant field on which admission is sought;

OR

(b) ITI in respective specialisation and with SSLC qualification.

Sl. No.	Specialization	Specialisation required in ITI
1	Civil Engineering	2 years of ITI in Draughtsman (Civil) / Mason (Building Constructor) or related trade
2	Mechanical Engineering	2 years of ITI in Fitter / Mechanic (Motor Vehicle) / Welder (Gas & Electric)/ Autorickshaw and Four Wheeler Driving and Mechanism / Refrigeration and Air Conditioning – Mechanic / Machinist / Turner / Mechanic (Diesel) or related trade.
3	Electrical & Electronics Engineering	2 years of ITI in Electrician / Wireman or related trade.

4. SELECTION CRITERIA

(A) For Regular and Lateral Entry Mode of Entry

The total percentage of marks obtained by the candidates in the qualifying examination will determine the merit rank.

Where grades are awarded instead of marks in the qualifying examination, only the minimum marks applicable to the respective grades in the particular subject will be taken into account for determining the merit rank.

Order of Priority for Tiebreak

- Date of Birth (Earlier born)
- Random number assigned

Merit list

The merit list is prepared based on the total marks scored in the qualifying examination and applying tie breaker wherever applicable.

(B) For Part Time Mode of Entry

(i) The marks secured in SSLC / Qualifying examination shall be reduced to a base of 80 marks. Where grades are awarded instead of marks in the qualifying examination, only the minimum marks applicable to the respective grades in the particular subject will be taken into account for determining the merit rank.

(ii) 20 % Weightage will be given for work experience obtained after passing the qualifying examination. 4 marks for each completed year of experience will be given with a maximum of 20 marks.

Selection shall be made as per ranking based on total marks secured in (i) and (ii) above (80 + 20 =100).

Order of Priority for Tiebreak

- The total percentage of marks obtained in S.S.LC. Examination
- Date of Birth (Earlier born)
- Random number assigned

Merit list

The merit list is prepared on the composite marks arrived based on the marks in the qualifying examination and work experience and applying tie breaker wherever applicable.



5. SEAT MATRIX

(A) FOR REGULAR MODE

TOTAL SEATS	VERTICAL RESERVATION								HORIZONTAL RESERVATION				SPECIAL ALLOCATION		
	GEN 50%	OBC 11%	MBC 18%	SC 16%	ST 0.5%	EBC 2%	BCM 2%	BT 0.5%	PWD 5%	ESM 3%	FF 4%	MSP 1%	KKL	MAH	YAN
400	200	44	72	64	2	8	8	2	20	12	16	4	11	5	7

SEAT MATRIX COURSE WISE:

TOTAL SEATS (400)	VERTICAL RESERVATION								HORIZONTAL RESERVATION				SPECIAL ALLOCATION		
	GEN	OBC	MBC	SC	ST	EBC	BCM	BT	PWD	ESM	FF	MSP	KKL	MAH	YAN
CIVIL ENGINEERING (60)	30	7	11	9	0	1	1	1	3	1	2	1	0	1	1
MECHANICAL ENGINEERING (60)	30	6	11	10	0	1	1	1	3	2	3	1	0	0	1
ELECTRICAL & ELECTRONICS ENGG. (60)	30	6	11	10	1	1	1	0	3	2	3	1	0	0	1
ELECTRONICS & COMMUNICATION ENGG. (60)	30	7	11	9	1	1	1	0	3	2	2	1	0	1	0
INSTRUMENTATION & CONTROL ENGG. (60)	30	7	11	10	0	1	1	0	3	2	2	0	6	0	1
INFORMATION TECHNOLOGY (40)	20	5	7	6	0	1	1	0	2	1	2	0	0	1	1
CHEMICAL ENGINEERING (30)	15	3	5	5	0	1	1	0	2	1	1	0	3	1	1
MODERN OFFICE PRACTICE (30)	15	3	5	5	0	1	1	0	1	1	1	0	2	1	1
TOTAL	200	44	72	64	2	8	8	2	20	12	16	4	11	5	7

(B) LATERAL ENTRY MODE

TOTAL SEATS	VERTICAL RESERVATION								HORIZONTAL RESERVATION			
	GEN 50%	OBC 11%	MBC 18%	SC 16%	ST 0.5%	EBC 2%	BCM 2%	BT 0.5%	PWD 5%	ESM 3%	FF 4%	MSP 1%
181	90	20	32	29	1	4	4	1	9	5	7	2

SEAT MATRIX COURSE WISE:

TOTAL SEATS (181)	VERTICAL RESERVATION								HORIZONTAL RESERVATION			
	GEN	OBC	MBC	SC	ST	EBC	BCM	BT	PWD	ESM	FF	MSP
CIVIL ENGINEERING (6) + 34 vacancies in I-year : 40	20	5	7	6	0	1	1	0	2	1	2	1
MECHANICAL ENGINEERING (6) + 10 vacancies in I-year : 16	8	2	3	3	0	0	0	0	1	0	1	1
ELECTRICAL & ELECTRONICS ENGG. (6) + 16 vacancies in I-year : 22	11	2	4	4	0	1	0	0	1	1	1	0
ELECTRONICS & COMMUNICATION ENGG. (6) + 22 vacancies in I-year : 28	14	3	5	4	0	1	1	0	1	1	1	0
INSTRUMENTATION & CONTROL ENGG. (6) + 22 vacancies in I-year : 28	14	3	5	4	0	0	1	1	1	1	1	0
INFORMATION TECHNOLOGY (4) + 17 vacancies in I-year : 21	11	2	4	4	0	0	0	0	1	1	1	0
CHEMICAL ENGINEERING (3) + 10 vacancies in I-year : 13	6	2	2	2	0	1	0	0	1	0	0	0
MODERN OFFICE PRACTICE (3) + 10 vacancies in I-year : 13	6	1	2	2	1	0	1	0	1	0	0	0
TOTAL	90	20	32	29	1	4	4	1	9	5	7	2

(C) PART TIME MODE

TOTAL SEATS	VERTICAL RESERVATION								HORIZONTAL RESERVATION			
	GEN 50%	OBC 11%	MBC 18%	SC 16%	ST 0.5%	EBC 2%	BCM 2%	BT 1%	PWD 5%	ESM 3%	FF 4%	MSP 1%
120	60	13	21	19	1	2	2	1	6	4	5	1

SEAT MATRIX COURSE WISE:

TOTAL SEATS (120)	VERTICAL RESERVATION								HORIZONTAL RESERVATION			
	GEN	OBC	MBC	SC	ST	EBC	BCM	BT	PWD	ESM	FF	MSP
CIVIL ENGINEERING (30)	15	3	6	5	0	1	0	0	2	1	1	0
MECHANICAL ENGINEERING (40)	20	5	7	6	0	1	1	0	2	1	2	0
ELECTRICAL & ELECTRONICS ENGG. (50)	25	5	8	8	1	1	1	1	2	2	2	1
TOTAL	60	13	21	19	1	3	2	1	6	4	5	1

6. **EEE STRUCTURE**

(A) **REGULAR AND LATERAL ENTRY MODE**

The following fees and deposits are to be paid for admission to Diploma Courses:

Sl. No.	Nature of Fee	Amount in Rs.
1.	Tuition Fee	Nil
2.	Caution Deposit (*)	25.00
3.	Admission Fee (*)	10.00
4.	Medical Examination Fee	5.00
5.	Medical aid Fee	5.00
6.	Athletics & Games Fee	100.00
7.	Calendar Fee	50.00
8.	Magazine Fee	50.00
9.	Students Association/Cultural Fee	50.00
10.	Stationery Fee	5.00
11.	Teaching Aid Fee	Nil
12.	Library Fee	Nil
13.	Library Deposit (*)	Nil
14.	Computer Charges	Nil
15.	Students Council Fee (*)	Nil
16.	Laboratory Fee	Nil
17.	Audio Visual Fee	50.00
	TOTAL	350.00

(*) Payable at the time of admission only

Certificate verification fees per Mark sheet(SSLC/HSC) Rs. 50.00

(To be remitted to the Director of Government of Examination, Chennai)

Certificate verification fees per Mark sheet(CBSE) Rs. 580.00

(To be remitted to the Secretary, Central Board of Secondary Education, Regional Office, Chennai)

Certificate verification fees per Mark sheet(SSC) Rs.100.00
(To be remitted to the Secretary to the Commissioner for
Government Examinations, Andhra Pradesh)

Certificate verification fees per Mark sheet(SSLC) Rs.100.00
(To be remitted to the Secretary to the Commissioner for
Government Examinations, Pareeksha Bhavan, Poojappura,
Thiruvananthapuram, Kerala)

Verification fee (General) Rs.15.00
(To be remitted to the Directorate of Technical Education, Chennai)

The above fees are applicable to those who are admitted during 2020-2021.

Caution deposit shall be refundable on the completion or discontinuation of the course after the recoveries if any, on account of breakage or damage of the institution belongings, properties, etc.

(B) PART TIME MODE

Sl. No.	Nature of Fee	Amount in(Rs.)
1.	Tuition Fee	9,000.00
2.	Admission Fee	250.00
3.	Laboratory Fee	1,250.00
4.	Test & Assignment Fee	100.00
5.	Library Fee	1,000.00
	TOTAL	11,600.00

Certificate (Mark Sheet) verification fee per Mark Sheet for DOTE, Chennai, Tamil Nadu Rs. 65/-