QIP (Poly)
QUALITY IMPROVEMENT PROGRAMME FOR POLYTECHNIC TEACHERS

Admission to Full Time Master's Programme 2021-2022
Advance Admission to Ph.D. Programme for the
Academic Year 2021-2022 (Final Admission: 2022-2023)
(for the Full Time/Permanent Faculty of AICTE approved Diploma Level Engineering Institutions)

INFORMATION BROCHURE
(Master's & Ph.D. Programme)

Sponsored by

All India Council for Technical Education, New Delhi
(A Statutory Body of Government of India)

Admission coordinated by

Principal Coordinator QIP (Poly)
National Institute of Technical Teachers Training And Research
Sector – 26, Chandigarh –160 019 (India)
www.nitttrchd.ac.in

QUALITY IMPROVEMENT PROGRAMME FOR POLYTECHNIC TEACHERS

Sponsored by
All India Council for Technical Education, New Delhi

APPLICATION FOR

ADMISSION TO FULL TIME MASTER'S PROGRAMME 2021-2022

ADVANCE ADMISSION TO FULL TIME DOCTORAL PROGRAMME 2021-2022 (FINAL ADMISSION-2022-23)

INTRODUCTION

The Government of India launched the Quality Improvement Programme (QIP) in 1970 with an objective of upgrading the expertise and capability of faculty members of the degree level engineering institutions in the country. The Programme is being implemented and monitored by AICTE, a statutory autonomous body of the Government of India. Under this scheme of QIP, only sponsored teachers are eligible for admission to either Masters or Doctoral degree programme, with the aim to imbibe in them the culture of research and better teaching capability by exposing them to the environment and training in premier institutions of technical education.

The programme was launched to improve the overall quality of technical education in AICTE approved institutions. The scheme anticipated that training the faculty members in some of the institutions where the facilities, infrastructure and the faculty are of the international standards, would provide them an opportunity to get involved in an environment of sophisticated research and development activities. This would eventually lead to building quality infrastructure and improve the standard of technical education in their parent institution. The scheme was further extended to other disciplines as well, such as Management, Pharmacy, Architecture and Town Planning, Hotel Management and Catering Technology.

Now AICTE has extended the QIP scheme for polytechnic teachers for M.E./M.Tech. and Ph.D. degree programmes in various disciplines. The scheme has been named as QIP (Poly). The aim of the scheme is to strengthen the competency of the faculty of Polytechnics and to expose them to emerging areas of technical education. This year, AICTE, New Delhi invites applications for admission to Master's Programmes (2 years) starting in 2021-2022 and for advance admission to Doctoral Programme (3 years) for 2021-2022 leading to final admission in 2022–23 academic sessions.

ELIGIBILITY

1. Only permanent faculty members of AICTE recognized polytechnics (Govt./ Govt.-aided/ Self-financing) fulfilling the following requirements are eligible to apply.

    (a) Master's Programme:

    (i)   Minimum teaching experience of 2 years as on **30th March, 2021**.

    (ii) Bachelor's degree or equivalent (minimum qualification) in the appropriate branch and other eligibility criteria prescribed by the individual institution.

    (b) Doctoral Programme:

    (i)   Minimum teaching experience of 3 years as on **30th March, 2021**.

    (ii) Master's Degree or equivalent (minimum qualification) in the appropriate branch and other eligibility criteria prescribed by the individual institution.

2. A candidate selected for admission under QIP will have to execute an undertaking to serve his/her parent institution for a minimum period of two years (for M.Tech./ ME) and three years (for Ph.D.) after the completion of the programme.

3. Computer Programmers, System Programmers, Workshop Staff, Guest Lecturer, Visiting Lecturer, Teaching Assistants, Ad-hoc Appointees, Technical Assistants and other such categories of staff are not eligible.

IMPORTANT DATES AND APPLICATION FEE

- Starting date for submission of on-line applications: **March 28, 2021**
- Closing date for submission of on-line applications: **April 30, 2021**
- Last date of receipt of hard copies of duly forwarded applications along with relevant enclosures: **May 10, 2021**
- The application fee of **Rs 1000/- for General/OBC Category** (**Rs. 500/- for SC/ST**) is applicable

The website **www.nitttrchd.ac.in** will be updated periodically at each of the timelines. Please visit this website periodically to check for updates in the application and selection process.

GENERAL INFORMATION

1. The information brochure containing necessary information about the programme as well as about the requirements and procedure to apply for admission in Master degree/Ph.D. programme shall be available at the following websites:

    www.nitttrchd.ac.in

    www.aicte-India.org

2. Candidate should visit the website www.nitttrchd.ac.in for submitting online application and all other information pertaining to QIP admission.

3. Access to the online portal for submission of application will open on **March 28, 2021**. The last date for the online submission of the application is **April 30, 2021**. Please note that the last date for submission of the hard copy of the application (Three copies to be submitted) is **May 10, 2021**. Submission of online as well as hard copies of the application is mandatory.

4. The duration of the ME Programmes will be 24 months and of Doctoral Programme will be 36 months. Prior to regular admission to the Ph.D. programme at a QIP Centre, a candidate is required to complete a pre- Ph.D. contact programme (Advance Admission Scheme).

5. Reservations, if any, shall be as per Govt. rules.

6. Information given by the candidate in the application for all of the options chosen must be uniform and correct. In case of any difference observed in the data relating to experience, marks, designation, addresses, age, etc., his/her candidature is liable to be cancelled at any stage even after the selection/ admission.

7. Applications submitted without the full supporting Documents and recommendation by the appropriate authority (Head of the Institute) with seal, and/or without the required enclosures will automatically be rejected. Please note that no corrections/ additions/ deletions to the recommendation format is permitted. Changes to the format of the forwarding/ recommendation note will not be accepted.

8. Short-listed candidates will receive Interview/Admission letter from the respective QIP Coordinator of the Institute, where they have applied to seek admission. The Principal Coordinator QIP will not send any Interview/Admission letter to the candidate directly.

9. The candidate should satisfy the minimum eligibility criteria prescribed by the individual Department (and/or the Institution) to which admission is sought.

10. The final admission of the candidate will be subject to the clearance and approval by the Admission Wing (Section) of the concerned institution as per its rules and regulations in force at the time of admission.

11. If a QIP scholar discontinues Ph.D./M Tech programme, the scholar has to refund the scholarship and contingency received to AICTE through the QIP Centre and the parent institution may seek refund of the salary and allowances paid to him for the period he/she attended the programme.

12. The last date for online submission of application is **April 30, 2021**. **Three copies** of Print-outs of online filled-in application along with its enclosures and application fee proof should reach the office of the Principal Coordinator, QIP (Poly) and Director, National Institute of Technical Teachers Training & Research, Sector – 26, Chandigarh – 160 019 **latest by May 10, 2021**.

SCHOLARSHIPS AND CONTINGENCY GRANTS

For **ME Degree Programme:** Scholarship of Rs. 9,000/- per month for two years and a contingency grant of Rs. 5,000/- per annum for maximum period of two years (Revised from 2016-17 vide AICTE letter No. RIFD/2015-16/EC dated 01.06.2016).

For **Ph.D. Degree Programme:** Scholarship of Rs. 15,000/- per month for three years and a contingency grant of Rs. 15,000/- per annum for maximum period of three years (Revised from 2016-17 vide AICTE letter No. RIFD/2015-16/EC dated 01.06.2016).

CONDITIONS FOR ADMISSION

1. The final admission of the candidate will be subject to the clearance and approval of the concerned institution as per its rules and regulations in force at the actual time of admission.

2. The candidate, if selected, should be:
   a. Relieved to join the programme in time for the session for which he/she will be admitted,
   b. On deputation once admitted, and his/her normal salary and allowances are to be paid by the parent institution.

3. Conditional recommendation by Principal/Head of institution will not be accepted.

4. The candidate selected for admission is required to produce the certificate of sponsorship from the Principal/Head of parent institutions and submit the same at the time when he/she joins the course.

ADMISSION PROCEDURE

The procedure of admission under QIP (Poly) scheme involves the following steps:

- Submission of **online and hard copies** of admission application by the interested candidates.
- Scrutiny of all applications in the office of the Principal Coordinator QIP (Poly).
- Shortlisting and selection of the candidates by the QIP centres.

- Recommendations by the QIP centres to the Principal Coordinator QIP (Poly).
- Final selection by the Principal Coordinator QIP (Poly), and approval of the same by the AICTE, New Delhi
- Offer of Admission by the Institution where the final selection has been recommended by the Principal Coordinator QIP (Poly).

The merit score of the applicants will be prepared on the following criteria:

i. 50% weightage to be given to the marks obtained in the qualifying examination.

ii. 20% weightage to be given to the teaching/industrial/research experience gained after engineering graduation. Two marks per year of experience can be awarded with a maximum of 20 marks.

iii. 10% weightage for attending the short-term courses (STCs) sanctioned by QIP/ ISTE/ AICTE/ IMPACT or any other such courses or workshops conducted by QIP Centre of not less than one week. For one-week course 3% marks, for two weeks 6% and for three or more weeks 10% marks will be awarded.

iv. 5% weightage to be given to publication of research papers in journals.

v. 5% weightage to be given to significant contribution in Community Development Programme.

vi. 5% weightage to be given to preparing monographs/book writing/preparing course materials.

vii. 5% weightage to be given to the consultancy done for the industry.

ADVANCE ADMISSION SCHEME

As per the advance admission scheme for Ph.D. degree programme under QIP, a candidate will receive advance admission during 2021-22 session to the Pre-Ph.D. programme and on successful completion of this programme, he/she will be offered admission to the regular Ph.D. programme during 2022-23. During the period of the Pre-Ph.D. programme, the candidate is required to make maximum of four visits to the institution to which he/she is offered admission for a total period of sixty days, to decide on the area of research, to interact with the prospective guide, and to start preliminary work. During this period, the candidate is to be treated as on deputation by the sponsoring/parent institution. TA/DA as per AICTE norms for the visits would be borne by the Institute where the admission is offered, subject to the receipt of the grants from the AICTE. The question of final offer for admission will be considered during May-July 2022, based on the performance of the candidate during the period of the advance admission.

APPLICATION FORMS, INFORMATION BROCHURE, PROCEDURE & GENERAL INSTRUCTIONS

1. The website link to apply online for the admission under QIP scheme is www.nitttrchd.ac.in

2. Access to the online portal for submission of application will open on **March 28, 2021**. The last date for the online submission of the application is **April 30, 2021**. Please note that the last date for submission of the hard copy of the application (Three copies to be submitted) is **May 10, 2021**. Submission of online as well as hard copies of the application is mandatory.

3. The application fee of **Rs 1000/- for General/OBC Category** (**Rs. 500/- for SC/ST**) is applicable and the receipt of the same should be attached with the hard copies of the form.

Candidate should write their name and address on back side of the receipt. Application fees once paid cannot be refunded.

4. After filling the application online, candidates should download the PDF of the submitted application and then send its send the print out (three copies are required to be sent), duly forwarded by the Principal/ Head of the Institution, as instructed, along with all relevant enclosures and the payment receipt to **Prof. S.S. Pattnaik, Principal Coordinator – QIP (Poly) and Director, National Institute of Technical Teachers Training & Research, Sector – 26, Chandigarh – 160 019 latest by May 10, 2021.**

5. The hard copies of the application forms should be sent preferably by **SPEED POST** or COURIER service. Before mailing the completed forms, please ensure that application form and enclosures are properly fastened with a tag or twined at the left hand top corner.

6. Candidate should read the instructions to fill the online admission form available at www.nitttrchd.ac.in thoroughly before filling the online application.

7. The candidate must ensure that the forwarding authority sends the applications to the Principal Coordinator well in advance, so that it reaches on or before the last date of submission, i.e., **May 10, 2021**.

8. The candidate can apply to a maximum of three institutions provided subject/areas of specialization are available in the same.

9. The applicant should make all required entries in the online application form and provide all the information carefully.

10. Applicant must ensure that the application is complete in all respects and attested copies of the relevant certificates along with the payment proof are enclosed as per the checklist, failing which the application will not be considered.

11. The applicant must enclose the attested copies of the corresponding certificates of the following items with the application forms:

    i. Qualifying Degree and detailed marks card
    ii. Teaching experience
    iii. Short term courses attended
    iv. Copies of research papers published in journals
    v. Certificate about the significant contribution in community development programme, if any
    vi. Certificate about the preparation of the monographs/writing books/preparing course material, if any.
    vii. Industrial / Research Experience
    viii. Certificate about the consultancy work done for Industry

12. If the applicant belongs to SC/ST/OBC/Physically Handicapped/EWS category, please attach a copy of the certificate in prescribed format issued by a competent authority as per rules.

13. The candidate should sign in all the print-outs at relevant places.

14. Signature of the Principal/Head of your institution is required on the application form.

15. Candidate should take the marks of all the semesters for calculating the overall percentage or CGPA (irrespective of the methodology adopted by the university/college in awarding final class/division).

NUMBER OF SEATS

Under QIP(Poly) Scheme, AICTE has made the provision of a total of 100 seats (10 per centre) for M.Tech/ME and 70 seats (16 seats for NITTTR, Chandigarh and 6 each for other centres) for Ph.D. Programmes (as per AICTE approval).

List of Institutions offering M.Tech/ME and Ph.D. Degree Programmes along with Code Nos.

S. No.	Name of the QIP (Poly) Centre	Institute Code	Nos. of seats	
			M.E.	Ph.D.
1.	AB Indian Institute of Information Technology & Management, Gwalior	01	10	06
2.	Jadavpur University, Kolkata	02	10	06
3.	Motilal Nehru National Institute of Technology, Allahabad	03	10	06
4.	M.B.M. Engineering College, Jodhpur	04	10	06
5.	Malviya National Institute of Technology, Jaipur	05	10	06
6.	National Institute of Technology, Durgapur	06	10	06
7.	National Institute of Technology, Calicut	07	10	06
8.	National Institute of Technology, Surathkal, Karnataka	08	10	06
9.	National Institute of Technology, Tiruchirapalli	09	10	06
10.	National Institute of Technical Teachers Training & Research, Sector 26, Chandigarh	10	10	16

For details about subjects/areas of specialization for M.Tech/ME and Ph.D. Programmes, refer to the website of the respective institute or contact the QIP coordinators as per the following information.

Institute Code	Address of the Coordinator	Phone/ Fax Numbers*	e-mail*
01	AB Indian Institute of Information Technology & Management, Gwalior	9165763468	stapaswi@hotmail.com
02	Jadavpur University, Kolkata	09433464848 03324146676	bb13@rediffmail.com;
03	Motilal Nehru National Institute of Technology, Allahabad	9794049975	abhatt@mnnit.ac.in
04	M.B.M. Engineering College, Jodhpur	9414131657	rajat_bhagwat@hotmail.com; rbhagwat.mech@jnvu.edu.in
05	Malviya National Institute of Technology, Jaipur	9549657337	adpg.acad@mnit.ac.in
06	National Institute of Technology, Durgapur	9434788042	nirmalkumar.roy@ee.nitdgp.ac.in; roy.nk2003@gmail.com
07	National Institute of Technology, Calicut	9446784704 04952286136	dracd@nitc.ac.in
08	National Institute of Technology, Surathkal, Karnataka	9448523990	nitkqip@gmail.com
09	National Institute of Technology, Tiruchirapalli	9442115384	psiva@nitt.edu
10	National Institute of Technical Teachers Training & Research, Sector 26, Chandigarh	97316-96526 98148-34209	academiccell@nitttrchd.ac.in kgsrinivasa@nitttrchd.ac.in

* The details given are subject to variation and change from time to time.

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APPLICATION FOR
ADMISSION TO FULL TIME MASTER'S PROGRAMME 2021-2022
ADVANCE ADMISSION TO FULL TIME DOCTORAL PROGRAMME 2021-22 (FINAL ADMISSION–2022-23)

Specimen of online application form and NOT to be used for filling application

1. Programme applied for : **Master's / Doctoral**

Please affix here your recent photograph with **your signature across it**

2. Preference of Institute, Department and Area of Specialization / Research (Max. 3)

Institute Code		Department	Areas of Specialization/ Research (Max. 3 in each institution)		

3. Name

Father's Name:

Mother's Name

4. Designation

Department

Institute

Street/ Location

City & State

PIN.

Telephone No. ………………………………… Mobile No…………………...…… Fax …………………...

E-mail …………………………………………………………………………………………

5. Address for Correspondence:

PIN

6. **Personal Data:**

Date /Month / Year

Date of Birth

(Tick Mark)
Category

SC	ST	OBC	GEN

Physically
Handicapped (PH) ☐ (Yes/No)

Economically
Weaker Section (EWS) ☐ (Yes/No)

Gender (Tick Mark):   Male ☐   Female ☐   Transgender ☐

Aadhar No. :……………………………
Minority if any (Tick Mark) : Buddhists, Christians, Muslims, Sikhs, Zoroastrians (Parsis), other (specify)

7. **Teaching Experience at Degree or Diploma Level as on 30th March, 2021:** Please list details of teaching experience in chronological order (including the present one) and attach attested copies of relevant certificates, in support of each entry, from the Principals/Heads of the institution, where you have taught. **Entries not supported by certificates will not be considered.**

S. No.	Name and Address of Employer & Institution	Duration			Designation
		From	To	Year - months	

<div align="center">

Total Teaching Experience: ………Years………. Months

</div>

8. **Academic Data:** Please write down the following details final aggregate marks of UG/PG degrees and attach attested copies of all mark sheets and degree.

B.E./ B.Tech./ B. Arch./ B.Sc. (Engg.) Equivalent. (Tick the appropriate degree)

Name of the Exam Passed: …………………………………………………………

Semester/ Year	University / Institution	Session / Year of Passing	Branch/ Specialization	Class/ Division	Marks Obtained / Max Marks	Percentage of Marks Obtained	GPA (If Applicable)

Final aggregate marks of UG degrees: ………………….…

Final aggregate %age marks of UG degrees: ………………..

Conversion Formula in case of GPA/CGPA: …………………………………………

(Kindly attach proof of authenticated conversion formula in case marks are written after converting GPA/ CGPA)

M.E./ M.Tech./ Equivalent. (Tick the appropriate degree)

Name of the Exam Passed: ……………………………………………………………

Semester/ Year	University / Institution	Session / Year of Passing	Branch/ Specialization	Class/ Division	Marks Obtained / Max Marks	Percentage of Marks Obtained	GPA (If Applicable)

Final aggregate marks of PG degrees: ………………….…
Final aggregate %age marks of PG degrees: ………………..
Conversion Formula in case of GPA/CGPA: ………………………………….…………
(Kindly attach proof of authenticated conversion formula in case marks are written after converting GPA/ CGPA)

AMIE/AMAeSI/AMIIChE/AMIETE/ Other such qualifications

Name of the Exam Passed: …………………………………………………………….

Semester/ Year	University / Institution	Session / Year of Passing	Branch/ Specialization	Class/ Division	Marks Obtained / Max Marks	Percentage of Marks Obtained	GPA (If Applicable)

Conversion Formula in case of GPA/CGPA: ……….……….……………….…………
(Kindly attach proof of authenticated conversion formula in case marks are written after converting GPA/ CGPA)

9. If you have **AMIE/AMAeSI/AMIIChE/AMIETE/** Other such qualifications, please indicate your earlier qualification (B.Sc. or Diploma) and attach copies of relevant mark sheets.

Earlier Qualification:

………………………………………………………..

10. **Short Term Courses (STCs) Attended:** Please list in chronological order and enclose attested copies of relevant certificates. **(of not less than one-week duration).**

Sl. No.	Name of the course	Organized by	Duration	
			From	To

       Total No. of One Week STCs Attended: ……………..……………

       Total No. of Two Weeks STCs Attended: ……..………………….

       Total No. of Three or More Weeks STCs Attended: ………………

11. **Research Papers:** Please List & enclose a 'Xerox copy of the Best 5 papers published:

Sl.No.	Title of Paper	Name(s) of Author(s)	Name of Journal, Vol. No. & Year of Publication	DOI of Published Paper

       Total No. of Papers claimed: ……………..……………

12. List of significant contributions made in Community Development Programme. (attach certificate from Head of Institution)

Sl.No.	Name of the Programme	Details of Programme

Total No. of Community Development Programme: ……………..……………

13. List of Monographs prepared/ Books written/ Course material prepared/ Course manuals prepared. (Attach relevant Proofs Certified by Head of Institution)

Sl.No.	Title of Monographs/Books/ Course material/ Manuals prepared	Other Details

Total No. of Monographs: ………………………………..

Total No. of Manuals/ Course material:………………………

Total No. of Books:………………………………………..

14. List of Consultancy work done for Industry. (Attach relevant Proofs Certified by Head of Institution))

Sl.No.	Details of consultancy work done	Revenue Earned

Total No. of Consultancy projects done for Industry:…………………..

15. Industrial/ Research Experience as on 30th March, 2021 (please list and enclose copies of relevant certificates.)

Sl.No.	Name of Organization	Period of Employment		Designation and Nature of duties
		From	To	

Total Industrial/ Research Experience: ………Years………. Months

16. Declaration:

    (a)   I declare that all the information given by me in this application form are correct to the best of my knowledge and belief, and I understand that false or incomplete information would cause invalidation of the application.

    (b)   I shall abide by the decision of the QIP (Poly) Co-ordination Committee in all matters pertaining to admissions. The decision of the Committee shall be final and binding on me.

    (c)   I shall abide by the rules and regulations of the Institute to which I will be offered admission, if selected.

    (d)   Out of the institutions offering admission under **QIP (Poly)** I shall never have any concern whatsoever of any purpose, with any institution other than the one in which I will be offered admission, if selected.

    (e)   For all level of actions, suits and proceedings, the jurisdiction of a court of law shall be deemed to lie exclusively at the place at which the institution to which I am admitted (if selected) is situated or the place where the office of the Principal Coordinator QIP (Poly) is located for the time being as applicable and no other court or place.

    (f)   I understand the contents of this form and, particularly, this declaration being made here.

Place …………..……… Date…………… Signature of the Applicant ………..…………………

17. Certificate & Forwarding Note of the Principal or Head of the Institution

    a. Our institution to which the applicant Mr. /Ms. …………………………………….. belongs, is recognized by AICTE.

    b. The applicant has ………. Years of teaching experience at the Diploma/Graduate level (certificates enclosed), and

    c. The applicant will be relieved full-time for the program and paid full salary and allowances during the tenure of his/her sponsorship, if selected for admission.

Signature of the Principal or
Head of the Institution
Office Seal

Note: (a) **Conditional recommendation will not be accepted.**

(b) This Forwarding Note should be signed only by the Principal or Head of the Institution.

(c) Any alteration made in the Forwarding Note will lead to automatic rejection of the application.

CHECK LIST FOR SENDING THE HARD COPIES OF THE APPLICATION FORM:

Please ensure that the necessary action is taken on the following and tick (√) in the box provided:

- Get signatures of the forwarding authority on the application. ☐
- Enclosed attested copy of the Prescribed Caste Certificate. ☐
- Enclosed attested copy of the Prescribed Certificate if you belong to Physically Handicapped/EWS category. ☐
- Enclosed the receipt of the payment after writing the name and address on back side of the receipt. ☐
- Enclosed attested copies of Marks Sheet and degree for the Qualifying Examination. ☐
- Enclosed Teaching Experience Certificate. ☐
- Enclosed attested copies of the relevant certificates for Short Term Courses attended. ☐
- Enclosed copies of best five Research Publications. ☐
- Enclosed attested copies of relevant certificates for Industrial / Research Experience. ☐
- Enclosed relevant certificates regarding community development programme. ☐
- Enclosed relevant certificates regarding monographs /books written/course manuals prepared ☐
- Enclosed certificates for the consultancy work done. ☐

Prof. Shyam Sundar Pattnaik
Principal Coordinator QIP (Poly)
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