Quality **I**mprovement **P**rogramme

All India Council for Technical Education

(A Statutory Body of Government of India)

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INTRODUCTION

The Government of India launched the Quality improvement Programme in the year 1970. One of the main objectives of the programme is to upgrade the expertise and capabilities of the faculty members of the degree level institutions in the country. The programme is now being implemented and monitored by All India Council for Technical Education. In "Quality Improvement Programme" only sponsored teachers are eligible for admission to both Master's & Doctoral Degree Programmes, with the aim to enable the teachers to acquire Master's & Doctoral degrees and imbibe in them a culture of research and better teaching educational capabilities by exposing them to the environment of the institutes of study.

There are three main activities under QIP serving the faculty of degree level Engineering, Pharmacy & Polytechnic Institutions:

(i)   Providing opportunities to faculty members of the degree-level engineering institutions to improve their qualification by offering admissions to Master's and Ph.D. degree Programme.
(ii)   Organizing Short Term Courses at the Major QIP Centers for serving teachers.
(iii)   Curriculum Development (CD) Cell activities which help to improve class room teaching and learning.

There are total 106 QIP Centers in the country under three main verticals.

Sl. No.	Category	Number of Centre
1	QIP Engineering	83
2	QIP Pharmacy	13
3	QIP Polytechnic	10

QIP ENGINERING:

There are total 83 QIP Centers in engineering stream as per list placed at **Annexure**. Out of which following 11 centers are designated at Major QIP Centers under engineering discipline to undertake the various activities.

1. Indian Institute of Science, Bengaluru
2. Indian Institute of Technology, Bombay
3. Indian Institute of Technology, Delhi
4. Indian Institute of Technology, Guwahati
5. Indian Institute of Technology, Kanpur
6. Indian Institute of Technology, Kharagpur
7. Indian Institute of Technology, Madras
8. Indian Institute of Technology, Roorkee
9. Institute of Technology, Banaras Hindu University (BHU), Varanasi, Uttar Pradesh
10. Indian Institute of Technology, Hyderabad, Telangana
11. Indian Institute of Technology, Bhubaneshwar, Orissa

Admission to Master and Ph.D. programmes are also offered in selected areas in recognized QIP Centres. A large number of faculty members from the institutions of the above streams from all over the country have pursued Master and Ph.D. degree programmes under this scheme. These are aimed at improving the

standard and quality of technical education through improvement of the qualifications of the faculty members in the various engineering institutions.

The Curriculum Development Cells have been set up at QIP Centers for improving the effectiveness of technical educations in the country. The activities include curriculum development and revision or preparation of monographs, textbooks, teacher's manuals, teaching aids and other resource materials, examination reforms, organizing inter- institutional programs, seminars, workshops and panel discussions, development of educational technology, creation of methodologies for formal and informal training, technical education of the handicapped, etc. A number of short term courses have also been organized by major QIP centers for the benefit of the faculty members from Engineering Institutions. The courses have proved very popular and useful.

The scheme is open for the teachers of Engineering Colleges, Pharmacy, Polytechnic, Architecture & Town Planning, Hotel Management & Catering Technology, Applied Arts & Crafts, with a view to update their knowledge and skill.

MASTER'S AND DOCTORAL DEGREE PROGRAMMES

Opportunities are provided for faculty members of AICTE recognized degree level institutions to improve their qualification, by offering admissions in Masters and Ph.D. degree programmes.

Eligibilities: -

1. Full time regular/ permanent faculty members of AICTE recognized Degree Level Colleges are eligible to apply.
2. The candidate should posses

For Master's Degree Programme

- One year teaching experience at graduate level
- A Bachelor's degree in the appropriate branch

For Ph.D. Degree Programme

- Three year teaching experience at graduate level
- A Master's degree in the appropriate branch

3. The candidate is selected and admitted, should be on deputation and his/her normal salary and allowances are to be paid by the parent institutions.

4. The candidate selected for admission under QIP will have to execute an undertaking to serve his/her parent institution for a minimum period of three years after completion of the programme.

ASSISTANCE TO QIP ENGINEERING SCHEME:

For Master's Degree Programme:

Scholarship (per month) **to be remitted in DBT mode**	**Revised rate effective from 2016-17 Academic Year** Rs. 9,000/-* P.M.
Contingency grant (per month)	Rs. 5,000/-P.A. ***Scholarship for Polytechnic only for Non Polytechnics, the old rate i.e. Scholarship @ Rs.4000/- P.M**

For Ph.D. Degree Programme:

Scholarship for three years **to be remitted in DBT mode**	Rs.15,000/- P.M (for 3 year)
Contingency grant for three year	Rs.15,000/- P.A

Pre Ph.D. registration:

TA@ Maximum 4 visits	3rd AC as per actual
DA@ Maximum 60 days	500 Per day

Ph.D. Extension programme

Maximum of 12 man months	Rs.10,000/- P.M

Short Term Courses (STC):

Rs.15,000/- per initial 30 participants with every additional participants over 30 to be charged at Rs.10,000/- per participants. Also increased the number of short term courses to 20 weeks from existing 12 weeks, which include few two weeks.

Curriculum Development Cell:

a. **CDC activities:**   **Discontinued from 2016-17**
    (i) Establishment/Travel Cost   :
    (ii) Curriculum/Syllabus Revision   :
    (iii)Teaching/Learning Resource Materials   :
    (iv)Preparation of Course Materials   :
    (v) E-Content Development   :
    (vi) Workshops/Seminars
Total: (**Max. Rs.14,00,000/-**)

b. **QIP Centre Expenses**
    To be clubbed and renamed as QIP Centre Expenses. It shall comprise of Honorarium / Salary to DEO / Clerk Rs.8.00 lakh.

- **Expenses of Principal Coordinator's Office at Major Centre: Rs. 3,00,000/-**
    (Contingency Rs.1.00 Lakh, Stationary Publication Rs.1.00 Lakh / Telephone / Fax / Internet Rs.1.00 Lakh.)

    A large number of faculty members from AICTE recognized degree level institutions from all over the country have pursued Master's and Ph.D. degree programmes. The rate etc. of the grant are enumerated at para 4 under sub-head Eligibilities.

    (A)   Major Centres:

The following institutions having Major QIP Centres offer admission to both Doctoral and Master's Degree Programme **IN ALL THE DISCIPLINES** existing with them.

1	Indian Institute of Science, Bengaluru
2	Indian Institute of Technology, Mumbai
3	Indian Institute of Technology, Delhi
4	Indian Institute of Technology, Guwahati
5	Indian Institute of Technology, Kanpur
6	Indian Institute of Technology, Kharagpur
7	Indian Institute of Technology, Madras
8	Indian Institute of Technology, Roorkee
9	Indian Institute of Technology, Benaras Hindu University (BHU)
10	Indian Institute of Technology, Hyderabad
11	Indian Institute of Technology, Bhubaneshwar

(B) Minor Centres:

The following Institutions as Minor Centres have been recognized, for offering Doctoral & Master's Degree Programmes, in **SOME SPECIFIC DISCIPLINES** only:

Sl. No.	QIP (Engg) Minor Centre
1	Alagappa Chettiar College of Engg. & Tech., Karaikudi
2	Anna University (Madras Institute of Technology, Chennai)
3	Basaveshwar Engg., College, Bagalkot
4	BMS College of Engineering, Bangalore
5	Coimbatore Institute of Technology, Coimbatore
6	College of Engineering Trivandrum, Thiruvananthapuram
7	College of Engineering, Pune
8	College of Technology & Engg. ,Maharana Pratap Uni. of Agri. & Tech, Udaipur
9	Delhi Technological University, Delhi
10	Giani Zail Singh College of Engg. & Technology, Bathinda
11	Government Engineering College, Salem
12	Govt. College of Engineering Amravati
13	Govt. College of Engineering Aurangabad
14	Govt. Engineering College Thrichure, Thrissur
15	Guru Nanak Dev Engineering College, Ludhiana
16	Harcourt Butler Technical University, Kanpur
17	Indian Institute of Engineering Science and Technology, Shibpur
18	Indian Institute of Technology Dhanbad (Formerly ISM, Dhanbad)
19	Indira Gandhi Institute of Technology, Sarang
20	Jadavpur University, Kolkata
21	Jamia Millia Islamia, University, New Delhi
22	Kamla Nehru Institute of Technology, Sultanpur
23	Madan Mohan Malaviya University of Technology, Gorakhpur
24	Madhav Institute of Technology & Science, Gwalior
25	Malnad College of Engineering, Hassan
26	Manipal Institute of Technology, Manipal
27	Malaviya National Institute of Technology, Jaipur
28	Motilal Nehru National Institute of Technology, Allahabad
29	National Institute of Technical Teachers' Training & Research, Kolkata
30	National Institute of Technology Silchar
31	National Institute of Foundry and Forge Technology, Hatia
Sl. No.	**QIP (Engg) Minor Centre**
32	National Institute of Industrial Engineering, Mumbai
33	National Institute of Technology Agartala
34	National Institute of Technology Calicut
35	National Institute of Technology Durgapur
36	National Institute of Technology, Surathkal

37	National Institute of Technology Rourkela
38	National Institute of Technology, Hamirpur
39	National Institute of Technology, Raipur
40	National Institute of Technology, Srinagar
41	National Institute of Technology, Tiruchirappalli
42	National Institute of Technology, Warangal
43	Netaji Subhas University of Technology, New Delhi
44	PDPM - Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Jabalpur
45	Pondicherry Engineering College, Puducherry
46	PSG college of Technology, Coimbatore
47	Rajiv Gandhi Institute of Technology, Kottayam
48	Samrat Ashok Technological Institute, Vidisha
49	S.V. National Institute of Technology, Surat
50	Sant Longowal Institute of Engineering & Technology, Sangrur
51	Sardar Patel College of Engineering, Mumbai
52	Shri Guru Gobind Singhji Institute of Engg. & Tech., Nanded
53	Shri G. S. Institute of Technology & Science, Indore
54	Sri Jayachamarajendra College of Engineering, Mysore
55	Tezpur University, Tezpur
56	The National Institute of Engineering, Mysore
57	Thiagarajar College of Engineering, Madurai
58	TKM College of Engineering, Kollam
59	University Visvesvaraya College of Engineering, Bengaluru
60	University College of Engineering, Osmania University, Hyderabad
61	University of Hyderabad, School of Computer & Info. Science, Hyderabad
62	Veer Surendra Sai University of Technology, Burla
63	Veermata Jijabai Technological Institute (VJTI), Mumbai
64	Visvesvaraya National Institute of Technology, Nagpur
65	Walchand College of Engineering, Vishrambag, Sangli
66	Dr. B.R. Ambedkar NIT, Jalandhar, Punjab
67	M.S Ramaiah Institute of Technology, Bengaluru, Karnataka
68	Bannari Amman Institute of Technology, Erode, Tamil Nadu
69	Indian Institute of Technology, Patna, Bihar
70	Indian Institute of Technology, Indore, Madhya Pradesh
71	Indian Institute of Technology, Ropar, Punjab
72	Indian Institute of Technology, Mandi, Himachal Pradesh

Centers in Pharmacy

Sl. No.	QIP Centre
1	Birla Institute of Technology, Mesra, Ranchi
2	Delhi Institute of Pharmaceutical Sciences & Research(DIPSAR) New Delhi
3	Dr. Harisingh Gour Vishwavidhalaya, Sagar
4	J.S.S. College of Pharmacy, Rocklands, Ootacamund
5	Jadavpur University, Kolkata
6	K.L.E University College of Pharmacy, Belgaum
7	University College of Pharmaceutical Sciences, Kakatiya University, Warangal
8	Manipal College of Pharmaceutical Sciences, Manipal University, Manipal
9	Bharati Vidhyapeeth Deemed University, Poona College of Pharmacy, Pune
Sl. No.	**QIP Centre**
10	The Maharaja Sayajirao University of Baroda, Vadodara Gujarat
11	Bombay College of Pharmacy, Mumbai
12	Inst. of Chemical Tech., Deemed University, Mumbai
13	JSS College of Pharmacy, Mysuru

List of QIP Centers in Polytechnic

Sl. No.	QIP Centre
1	Atal Bihari Vajpayee Indian Institute of Information Technology & Management, Gwalior
2	Jadavpur University, Kolkata
3	M.B.M. Engineering College, Jai Narain Vyas University, Jodhpur
4	Malaviya National Institute of Technology, Jaipur
5	Motilal Nehru National Institute of Technology, Allahabad
6	National Institute of Technical Teacher's Training & Research, Chandigarh
7	National Institute of Technology, Calicut
8	National Institute of Technology, Durgapur
9	National Institute of Technology, Tiruchirappalli
10	National Institute of Technology, Surathkal