



AICTE- QUALITY IMPROVEMENT PROGRAMME **Scheme Document**

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION NELSON MANDELA
MARG, VASANT KUNJ,
NEW DELHI-110070

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 and polytechnic level engineering institutions to improve their qualification by offering admissions to Master's (only for teachers from polytechnics) and Ph.D. degree Programme.
- (ii) Organizing Short Term Courses at the Major QIP Centers for serving teachers.

There are total 114 QIP Centers in the country under three main verticals.

Sl. No.	Category	Number of Centre
1	QIP Engineering	
	(a) Major Centers	11
	(b) CGR&DI	04
	(c) Minor Centers	78
2	QIP Pharmacy	11
3	QIP Polytechnic	10

QIP ENGINEERING:

There are total 93 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, Bhubaneswar, Orissa

Admission to Master and Ph.D. programmes are also offered in selected areas in 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.

A number of short term courses have also been organized by **major & minor** 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 and Polytechnic, 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/ polytechnic level institutions to improve their qualification, by offering admissions in Masters and Ph.D. degree programmes.

Eligibilities: -

For Master's Degree Programme

1. Full time regular/ permanent faculty members of **AICTE recognized Polytechnic Level Colleges are eligible to apply.**
The candidate should possess

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

For Ph.D. Degree Programme

The candidate should possess

- Three year teaching experience at graduate/ polytechnic level
 - A Master's degree in the appropriate branch
2. The candidate is selected and admitted, should be on deputation and his/her normal salary and allowances are to be paid by the parent institution.
 3. 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 program.
 4. The candidate shall be willing to complete one (if allotted) 3rd or 4th semester at a foreign university as directed by the host QIP Center.

ASSISTANCE TO QIP ENGINEERING SCHEME:

For Master's Degree Programme (only for teachers from Polytechnics):

Scholarship (per month) **to be remitted Revised rate effective from 2016-17
in DBT mode Academic Year Rs. 9,000/-* P.M.**

Contingency grant (per month) Rs. 5,000/-P.A.

For Ph.D. Degree Programme:

Scholarship for three years to be remitted in DBT mode

Rs.15,000/- P.M (for 3 year)

Every Ph.D. scholar will have to complete at least One Semester for carrying out studies/research work or part of it in a Foreign University (if offered through the concerned QIP Centre). The QIP Center with support of visiting University, shall have to arrange for all the relevant Documents for

In case of attending one semester at a Foreign University, AICTE will reimburse up to Rs. 3.00 lakhs (Rs.Three Lakhs) in addition to Rs.15,000.00 per month scholarship to the scholar for pursuing his research work in foreign University during the semester spent there. The lump sum allowance of Rs. 3.00 lakhs includes the cost of travel expenses, boarding & lodging expenses etc. and all personal

scholars in Third or Fourth Semester to undergo maximum a semester time of research.

expenses during the entire period of stay by scholar to complete his semester.

However The minor QIP Centre are allowed a gestation period of FIVE years to generate a MoU in line with the present requirements of QIP Scheme Documents, with willing Foreign University/ Universities which impart Research facilities in fields of interest being pursued by the concerned QIP scholars. During this period, every Ph.D. scholar pursuing research work at a minor QIP Centre must be provided a chance to complete at least One Semester for carrying out studies/research work or part of it in any one of major QIP Centre.

It will be responsibility of every Minor QIP Centers to make necessary arrangements with one of Major QIP Centre at their convenience for accommodating Ph.D. scholars from Minor Centers to complete at least one semester of Research work / course material at a Major QIP Centre.

Contingency grant for three year	Rs.15,000/- P.A
Pre Ph.D. registration:	
TA@ Maximum04 visits	3rd AC as per actual
DA@ Maximum 60 days	500 Per day
Ph.D. Extension programme	

Extension upto maximum 06 months @ Rs 10,000 scholarship grant per man month of extension to the respective QIP Centre for that year (To be divided amongst the candidates proposed for extension suitably supported with justification).

The scholar shall be relieved from QIP centre and will have to complete balance work, if any, including writing thesis etc. after resuming his duties in parent Institute.

Grant of Extension is not a right of the QIP scholar nor the QIP Centre. This will be decided upon by AICTE on case to case basis.

Short Term Courses (STC):

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

(B) If Institutes are facing difficulties in organizing and conducting STC's, it is to inform that all such institutes, are allowed to conduct STC's through online mode (on specific approval by AICTE) subject to following conditions:

- (i) The Institute will be allowed to adjust the grants received at following rates:-

Rates for One Week (SIX DAYS) STC

a.	Honorarium for Coordinator	Rs. 2000.00 (Max.)
b.	Honorarium to experts (Max.)	Rs. 78000.00
c.	Provision for payment to lab attendant engaged during lab practices (Max.)	Rs. 3000.00
d.	Miscellaneous charge(Max.)	Rs. 10000.00
	Total for each STC's (Max.)	Rs 93000.00

(b) Rates for Two Week (2 x SIX DAYS) STC

a.	Honorarium for Coordinator (Max.)	Rs. 2000.00
b.	Honorarium to experts (Max.)	Rs. 1,70,000.00
c.	Provision for payment to lab attendant engaged during lab practices (Max.)	Rs. 4000.00
d.	Miscellaneous charge (Max.)	Rs. 10000.00
Total for each STC's (Max.)		Rs 1,86,000.00

- (ii) The Institute will conduct not more than maximum of 20 STC's of full one week's duration each in multiples of Rs. 93000.00 within one financial year against total grant sanctioned/ to be sanctioned for a particular budget year
OR
Maximum 10 (Ten) Two Weeks STC's
OR
A combination of ONE / TWO WEEKS STC's not exceeding TWENTY WEEKS in total in a year.
- (iii) Firm dates for each program along with Topics and the resource persons will be intimated to AICTE beforehand.

Curriculum Development Cell:

(a).QIP Centre Expenses

QIP Centre Expenses shall comprise of Honorarium / Salary to DEO / Clerk @ Rs.8.00 lakh per academic year.

(b).Expenses of Principal Coordinator's Office: 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/ Polytechnic 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 "**ASSISTANCE TO QIP ENGINEERING SCHEME**" 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) Central Govt. R&D Institutions (CSIR, DRDO, DAE, DOS)

Additional Eligibility requirements : The age of the candidate should be 35 years or below on January 01 of the year in which he/she joins the scheme.

SI.No.	QIP (CGR&DI) Laboratories/Institutes under the following-
1	CSIR
2	DRDO
3	DAE
4	DOS

(C) 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
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 Visveswaraya 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	Veeramata 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
73	Rajasthan Technical University, Kota, Rajasthan
74	G.B.Pant Institute of Engineering and Technology, Garhwal, Uttrakhand
75	Deenbandhu Chhotu Ram University of Science & Technology, Murthal, (Sonapat), Haryana
76	National Institute of Technical Teacher's Training & Research, Chandigarh
77	Rajiv Gandhi Institute of Petroleum Technology, Amethi, Uttar Pradesh
78	S.R.M. Institute of Science and Technology, Chengalpattu, Tamilnadu

List of QIP 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	Jadavpur University, Kolkata
5	K.L.E University College of Pharmacy, Belgaum
6	University College of Pharmaceutical Sciences, Kakatiya University, Warangal
7	Manipal College of Pharmaceutical Sciences, Manipal University, Manipal
8	Bharati Vidhyapeeth Deemed University, Poona College of Pharmacy, Pune
9	The Maharaja Sayajirao University of Baroda, Vadodara Gujarat
10	Bombay College of Pharmacy, Mumbai
11	Inst. of Chemical Tech., Deemed University, Mumbai

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



July 2020

Page |