NATIONAL PROJECT IMPLEMENTATION UNIT (NPIU)

Ministry of Human Resource Development, GoI

Ed.Cil House, 4th Floor, Plot No. 18-A,, Sector 16-A, Gautam Budh Nagar,
NOIDA - 201301 (Uttar Pradesh)

Questionnaire for the Study on

IMPACT EVALUATION OF

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP)

(A Government of India Programme Assisted by World Bank)

From

SPECTRUM PLANNING (I) LTD

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Institutional Details:

(A) i) Name and Location of the Institution: University College of Technology, University of Calcutta

92, A.P.C. Road, Kolkata : 700 009

ii) Year of establishment: 1857

iii) No. of UG Programmes: 08

iv) No. of PG Programmes: 15

(B) Status of the Institution: (Please tick one of the options given below)

(i) University √   (ii) Deemed University   (iii) Autonomous Institution   (iv) Affiliated Institution

(C) Information on implementation of TEQIP

(I) Extent of implementation of Legal covenants and obligations in terms of

a. **Autonomies*** (please attach the copy of certification)

i)   **Whether the institution has 4 Autonomies:**   **Yes √ / No**

ii)   **If yes, mention the Year of grant of Autonomy:- From the inception of the Institute**

iii)   **Details:**

Type of Autonomy	Full	Significant	Substantial	Not Granted
Academic	√			
Financial	√			
Administrative ✝	√	✗		
Managerial	√			

- * The University of Calcutta is an autonomous body and is governed by its own acts, statutes and ordinances.

✝ ~~The University has all administrative autonomy except creation of new post, which is subject to UGC approval and State Govt. concurrence~~

b. Block Grant Funding

Block Grant	i) Is the institution eligible for getting Block Grant from the State / Central Government? Yes √ / No
	ii) If YES, is the institution getting a Block Grant? Yes√/ No
	iii) Is the institution getting Block Grant for the entire Non-Plan Expenditure? Yes√ /No

	iv) Mention the amount of Block Grant in Rs crore
	       1) 2002-03 - Rs. 62.58 [From the Government of West Bengal]
	       2) 2008-09 - Rs. 123.74 [From the Government of West Bengal]

c. Establishment of four funds (Please mention the year when these funds have been established and also the size of the fund)

i) Amounts available:

Type of Funds	2002-03	2008-09
Corpus		Rs. 5.80 lakh
Maintenance		Rs. 5.80 lakh
Staff Development		Rs. 5.80 lakh
Depreciation		Rs. 5.80 lakh
Total		**Rs. 23.20 lakh**

ii) Is there any other fund available: Yes √ / No

iii) If yes, give details: **The above funds were created as needed by TEQIP project from the Corpus/ Reserve fund of the University. The amount in the reserve fund is used as corpus, maintenance, staff development and depreciation fund also. The amount in that corpus fund in 2002-03 was Rs. 12.23 crores and in 2007-08 it has become 23.97 crores. The above mentioned TEQIP funds are created by shifting a token amount of Rs. 5 lakh from the reserve (corpus) fund to each account.**

d. **Internal Revenue (Please mention in Rs lakh)**

Internal revenue	2002-03	2008-09
Generation	Rs. 12.23 cr. 16.43	Rs. 23.97 cr. 32.47
Retention		
Utilization		
Balance		

Note: As per University annual accounts, it may not be possible to mention the retention and utilization amount in context of Internal revenue generation.

e. **Recovery of Cost of Education (as per audited statements)**

i) Is the recovery system in place: Yes / No ✓

~~Funded by the State Govt. of West Bengal~~

ii) If yes, give details:

	2002-03	2008-09
Total Cost of Education (A)	Rs. 70.88 Cr.	Rs. 148.45 Cr.
Total Fee Collected from Student (B)	Rs. 7.82 Cr.	Rs. 16.70 Cr.
Gap: (A)-(B)	83.06 cr	131.75 Cr.

(II) Extent of system capacity development:

a. **Whether the system of Board of Governors / Equivalent Body is in existence:**   Yes/No

b. Whether the Constitution of Board of Studies, Academic Council

			Year established	No. of Members	No. of Meetings in a year
BoG	No. of Members 19	Central Govt.			
		State Govt			
		Faculty		17	Three Que
		Staff			2
		Students' Union		1 + 1 (Scholar)	
		Industry			
		Educationist			
Board of Studies	No. of Members			For each Department a separate Board of Study exists.	Approximately 4-5 15 times in a year
Academic Council	No. of Members			All professors of the concerned faculties including elected teachers (five, other than professors), student and scholar representatives.	Approximately twice a year

c. Powers of BOG/Equivalent Body (University Syndicate)

Is the BOG/Equivalent body (University Syndicate) empowered to:

i)   Take overall policy decisions and overall management of Institutions   Yes√/ No

ii)   Form, supervise, guide and approve proposals of various committees such as Academic Committee, Finance Committee, Building and Works Committee and Purchase Committee   Yes√/ No

iii)   Review project implementation progress and give guidance for achieving project goals and progress

                                                  Yes√/ No

iv)   Develop strategies for creating academic ambience for excellence   Yes√/ No

v)   Suggest measures for enhancing reach and effectiveness of services to community and industry   Yes√/No

vi)   Ensure institutional accountability and compliance with policy reforms   Yes√/ No

vii)   Oversee proper utilization of fund and submission of regular reimbursement claims   Yes√/ No

viii)   Ensure implementation of Tribal Development Plan in the institution   Yes√/ No

d. Broad Policy related functions of BOG/ Equivalent Body:

(i) Framing of policy for recruitment of

    a.   Faculty   Yes √ / No

    b.   Staff   Yes √ / No

(ii) Decision on service rule for

    a.   Faculty   √Yes/ No √

    b.   Staff   √Yes/ No √

(iii) Approval of a scheme for performance appraisal of teachers by students   Yes √ / No

(iv) Formulation of scheme to recognize outstanding performance of

    a.   Faculty   Yes√/ No

    b.   Staff   Yes √/ No

(v) Formulation of scheme for

    a. Sharing Consultancy fee with faculty   Yes √ / No

    b. Sharing fee from continuing education with faculty   Yes √ / No

(vi) Formulation of scheme for

    a. Generating IRG   Yes √ / No

    b. Retaining IRG   Yes √ / No

    c. Utilizing IRG   Yes √ / No

(vii) Receipt of funds/donations from Alumni   Yes√ / No

(viii) Framing of policy for

    a. Purchase of goods & Services   Yes √ / No

    b. Sharing of resources with other Institutions for academic purposes   Yes √ / No

(ix) Does the BOG/Equivalent body

    (i) Recruit

        a. Faculty   √Yes / No ✗

        b. Staff   √Yes/ No ✗

    (ii) Decide on offering financial package to attract and retain good faculty from other institutions/organizations in India and abroad   √Yes/ No ✗

(iii) Decide on incentives for faculty for the following:

    a. Consultancy   Yes √ / No

    b. Sponsored projects   Yes/ No

    c. Participation in continuing education programmes Yes/ No √

    d. Patents and publications   Yes √ / No

* ~~The BOG can recommend their suggestions on the above said matter to the Syndicate, University of Calcutta.~~

Above information is considered at the time of promotion.

(III) Status of Autonomies Received and Exercised by the TEQIP Institutions

(a) ACADEMIC AUTONOMY			
1.	Is the institute able to do the following: Select students based on merit following Central/State Govt. policies on common entrance test, reservation, counseling etc.	Yes√	No
2.	**Award your own degrees?**	Yes√	No
3.	Introduce new undergraduate /post graduate programmes with the approval of regulatory authorities like AICTE?	Yes√	No
4.	Discontinue/ drop some of the existing undergraduate /postgraduate programmes based on the market needs?	Yes√	No
5.	Determine own curricula, course content, curricula implementation and methods of training	Yes√	No

6.	Offer flexibility in program?		
	• Multipoint entry	Yes	No√
	• Multi-background entry	Yes√	No
	• Credit exemptions	Yes	No√
	• Credit transfer	Yes	No√
	• Flexible pace of learning through accumulation of credits	Yes√	No
	• Provision of wide choice of electives including those offered by other institutions in the network, etc.	Yes√	No
7	Provide variety of options leading to degree/post graduation		
	• Part time UG	Yes	No√
	• Part time PG	Yes√	No
	• Online UG	Yes	No√
	• Online PG	Yes	No√
8.	Design and implement scheme for students continuous performance assessment	Yes√	No

		Yes	No	If Yes, give No.
9.	Offer continuing education or skill enhancement programmes as per market needs	Yes ✓	No ✗	
10.	Collaborate with other institutions/ organizations for academic activities such as	Yes ✓	No	
	• Curriculum development In			
	(a) India	Yes ✓	No	
	(b) Abroad	Yes ✓	No	
	• Research & consultancies in			
	(a) India	Yes ✓	No	
	(b) Abroad	Yes ✓	No	
	• Faculty development in			
	(a) India	Yes ✓	No	
	(b) Abroad	Yes ✓	No	
	• Faculty exchange in			
	(a) India	Yes ✓	No	
	(b) Abroad	Yes ✓	No ✗	
	• Student exchange, etc. in			
	(a) India	✓ 4¤	—	
	(b) Abroad	✓ ¤¤	—	
11.	Offer scholarships/ fellowships for meritorious/ poor students?	Yes ✓	No	
12.	Invite experts for delivering lectures and student evaluation	Yes ✓	No	
13.	Were funds allocated for student development	Yes ✓	No	

(b) ADMINISTRATIVE AUTONOMY					
1.	Are the following committees constituted in your institution				
	• Academic	Yes√	No		
	• Finance	Yes√	No		
	• Building & Works	Yes√	No		
	• Purchase	Yes√	No		
	• Disciplinary	Yes√	No		
	• Institute Development	Yes√	No		
	• Student Affairs	Yes√	No		
	• Library	Yes√	No		
	• Grievance	Yes√	No		
	• Any other Advisory committee.	Yes√	No		
	If yes Pl. specify				
	Anti-Ragging Committee, Women Studies, Backward Welfare Cell etc.				
2.	Based on Institutions requirement, are you able to: **Rationalize**			If Yes, how many?	
	• **Faculty positions**	Yes	No√		
	• **Staff positions**	Yes	No√		
3	**Re-designate**				
	• **Faculty Position**	Yes √	No√		
	• **Staff Position**	Yes √	No√		

4	**Abolish**			
	• **Faculty position**	Yes	No√	
	• **Staff position**	Yes	No√	
	(2-4) as per state government rule			
5	**Recruit regular faculty**	Yes√	No	
6	Appoint faculty on			
	• Contract/tenure basis	Yes√	No	
7	Appoint Staff on			
	• Contract/tenure basis	Yes√	No	
8	Is the Director/Principal empowered to sanction tours			
	(a) Within India	Yes	No√	
	(b) Abroad	Yes	No√	
	If not who does? _The Vice-chancellor (Chairman,BOG)			

9	Is the Director/Principal able to sanction		
	• Earned leave	Yes	No√
	• Medical leave	Yes	No√
	• Extraordinary leave	Yes	No√
	• Sabbatical / Lien	Yes	No√
	If not who does? Chairman , BOG, The Vice-Chancellor		
10	Are the Deans/ HOD's able to sanction		
	• Earned leave	Yes	No√
	• Medical leave	Yes	No√
	• Extraordinary leave	Yes	No√
	• Sabbatical / Lien	Yes	No√
	If not who does?		
	Chairman , BOG, The Vice-Chancellor		

(c) FINANCIAL AUTONOMY

1.	Is your institute getting non-plan funds as Block Grant?	Yes√	No
2.	**Have specific Bank accounts been opened for:**		
	• Corpus/ Endowment fund	Yes√	No
	• Depreciation fund	Yes√	No
	• Staff development fund	Yes√	No
	• Maintenance fund	Yes√	No

but with different name

3.	**Is Dir./Principals financial limit w.r.t. the following (Purchase of goods/Procurement of Services/Construction of Building/Renovation & repair of Building/Maintenance of Equipment/Library books/Learning Resources/Vehicle/Furniture):**	*Pl. Tick the appropriate*
	• Adequate (If, above Rs.20 Lacs)	-√--------------
	(The Vice-Chancellor has the absolute power to spend adequate fund after consultation with syndicate)	--------------
	• Inadequate (15-20 lacs)	--------------
	• Moderately Inadequate (10-15 lacs)	--------------
	• Highly Inadequate (5-10 lacs)	
4.	• Grossly Inadequate (0-5 lacs)	--------------
	Is HOD/Deans financial Limit w.r.t. Purchase of goods/Procurement of Services/Renovation & Repair of Building/Maintenance of Equipment/Library books/Learning Resources/Vehicle/Furniture	
	• Adequate (If, above Rs.50,000)	√--------------
	• Inadequate (40,000-50,000)	--------------
	• Moderately Inadequate (30,000-40,000)	--------------
	• Highly Inadequate (20,000-30,000)	--------------
	• Grossly Inadequate (0 -20,000)	--------------

5.	Is Dir./Principals financial limit for outsourcing services like Security/Garden maintenance/Vehicle Maintenance • **Adequate (If, above Rs.20 lacs)** • **Inadequate (15-20 lacs)** • **Moderately Inadequate (10-15 lacs)** • **Highly Inadequate (5-10 lacs)** • **Grossly Inadequate (0-5 lacs)**	*Pl. Tick the appropriate* √--------- --------- --------- --------- ---------

(d) MANAGERIAL AUTONOMY			
	As the Director/ Principal of the institute, are you able to:		
1.	Involve faculty/staff in decision making	Yes√	No
2.	Submit annual reports and accounts to the BOG/Equivalent Body	Yes√	No
3.	Exercise powers or perform duties as assigned by MOA or the rules and regulations	Yes√	No

4.	Depute for Seminar, Conferences, training programmes
	
	  a. Faculty
	
	  b. Staff
		
		Yes√
		
		Yes√
			
			No
			
			No

5.	Establish linkages with industry	Yes√	No
6.	Take decisions to generate resources from multiple sources for investment in institutional growth **[The Dean of the Faculty may recommend the plan to faculty council and syndicate for necessary approval for implementation]**	Yes√	No

7.	Utilize resources judiciously		
	a. Physical resources	Yes√	No
	b. Intellectual resources	Yes√	No
8.	Give Reward to / take Disciplinary action against		
	a. Faculty	Yes√	No
	b. Staff	Yes√	No
	c. Students	Yes√	No
9.	Make marginal adjustments in recommended resource norms to suit demand for exceptional innovations	Yes √	No√

(IV) Delegation of powers to senior functionaries

(a) For decision making

- **Are Deans or equivalent functionaries involved in making policy decisions?**   **Yes√/No**
- **Are HOD or equivalent functionaries involved in making policy decisions?**   **Yes√/No**
- If yes, list some work mentioning major, minor decisions in the following areas during the project period:

i) Academic - **Introduction of Semestar System, Introduction of Student Feedback**

ii) Management (general) **Admission procedure,**

iii) Financial **Resource generation planning, Financial assistance rule to support the seminars and workshops, Expenditure planning within the annual budget**

(V) <u>Friendly management system for staff & students</u>

a. Which of the existing systems were automated:

System	Year of introduction	Average time taken before (2002-03)	Average time taken during project (2008-09)
Office automation		Registration (Automated)	Accounts section (Automated)
Examinations		Automated 2.5 *(handwritten)*	*(handwritten)*
Declaration of results	*(handwritten)*	Automated *(handwritten)*	2) *(handwritten)*
Issue of certificates		No	*(handwritten)*
		2 *months (handwritten)*	*(handwritten)*

b. Are procedures/ policies for the following widely known to faculty and staff?

     i.   Faculty recruitment   Yes√/No   If yes, from………

    ii.   Staff recruitment   Yes√/No   ………

   iii.   Staff development   Yes√/No   ………

   iv.   Purchase   Yes√/No   ………

    v.   Administration   Yes√/No   ………

   vi.   Rewards   Yes√/No   ………

  vii.   Incentives   Yes√/No   ………

 viii.   Sharing of consultancy fee   Yes√/No   ………

   ix.   Income from continuing education programs   Yes/No *(mark)*   ………

    x.   Budget preparation   Yes√/No   ………

All the above mentioned policies are transparent and given in the Acts, Statutes and ordinance of the University of Calcutta.

c. Does the Institute have a committee/ mechanism for resolving faculty and staff grievances/conflicts in a timely manner?   Yes √ /No   If yes, from..........

d. Does your Institute have a system of performance audit?   Yes √ /No   ....
e. Does your Institute carry out tracer studies /employment record/profile of pass-outs?   Yes√/No   **Partially**
f. Does your Institute have an Alumni Association?   Yes √/No   ....
g. Does Alumni Association help Institution in its development?   Yes √/No   ....
h. Does your institute have a web site?   Yes √/No   ....
i. Is it regularly updated?   Yes √/No   ....
j. Is information related to the following put on your web site?

> Tenders   Yes√/No   If yes, from2005.
> Recruitment   Yes√/No   from√...2 v0
> Purchases   Yes/No√   ...x...

(VI) **Maximum utilization of resources & reducing wastage**

(a) How do you utilize the infrastructural and human resources gained through TEQIP?(mention whether utilized on 24X7 basis, recouped cost of the equipment through consultancy, part time & distance education programmes, undertaking job works / testing for industry use, training programmes, renting the built space, equipment, playground etc. on non working hours / days for the purpose of exhibitions cultural programmes without detrimental to the decency and decorum of the institution, and like wise):

Only the Infrastructural facilities (no additional human resources) are developed through TEQIP program. The newly generated facilities are used in an optimum way regularly for
        i) running part time courses
        ii) Consultancy
        iii) Industrial Training
        iv) Use of the auditorium for departmental activities

....

....

(b) Whether the BoG has enabled the institution for maximum utilization of TEQIP resources as stated above and state whether the standard procedures and guidelines are laid down to take up such activities.   Yes√/No

i) If Yes, please attach a copy of the same

(c) List some worth mentioning activities taken up for reduction of wastage with respect to:

    i) Eco-Friendly activities by the management, students and faculty (Water, electricity, paper etc.)

    ii) Use of technology to reduce wastage   *Computerisation of Abc.*

    iii) Waste management

    iv) Any other

(d) Is the Documentation of Best Practices done regularly   Yes √ /No

(e) How do you compute for assessment of utilization of TEQIP resources

We consider the no. of users of the equipments as an important parameter and tried our best to increase it.

(f) What is the overall percentage of utilization of resources during:
- 2002-03   - 90 %.
- 2008-09   - 90.%.

(g) State whether any resources that are un-utilized during the project period   Yes/No √
    If yes, list them with reasons

(h) State briefly the maintenance policy for longer life of equipment
~~The University provides the necessary funds for maintenance of the equipments from the annual budget.~~

(i) State briefly the removal of obsolescence policy of the institution

(VII) Incentives for continuing education/consultancy/research/ community development etc (If your answer for the following questions is yes please state nature of incentives)

(a) Do you provide incentives as per AICTE norms to the Faculty as and when they acquire higher qualifications like M.Tech and Ph.D etc.   Yes √ /No

[As per UGC norms]

(b) Do you provide any financial assistance for membership in professional bodies like FIE/ FNA Sc/ FNA/ FNAe/FASc   Yes √ /No

(c) Are there any incentives to the faculty for participating in: No

    i)   continuing / distance education programmes for industry personnel and others   *Self. operati*

    ii) Securing sponsored projects   *private*

    iii) Services to Community   *NA*

    iv) Any other

(d)   Is there a scheme of sabbatical leave for faculty members   Yes √ /No

If yes, please list the purposes

(e)   Are the faculty members given study leave (with full salary and allowances)   Yes √ /No

(f)   Is there any loan facility for continuing higher education & training   Yes/No√

(g)   Are the faculty members sponsored to attend national and/or international seminars & conferences

                                              Yes √ /No

(h)   List the consultancy works worth more than Rs.50,000 during TEQIP period

(i) List of resources utilized for consultancy activities

    All the existing equipments in the laboratories of the institute — — — —

(j) List of worth mentioning activities under Service to Community and Economy Development

- **The outreach program on "Operational Experience in Energy Conservation with Solar Cell – Light Emitting Diode Combination for Rural Lighting" where we transferred Solar Cell – WLED technology to the rural habitats for lighting up the villages at low cost where electricity is yet to be provided.**

- **The outreach program which needs mention is a program for unemployed youths on "Manufacture of Ceramic-based Pottery". A workshop was organized jointly with our Network partner GCECT at a remote village near Baruipur Campus of CU to give hands-on-training to the rural unemployed youth**

- **The local minority students are trained for computer trouble shooting and computer maintenance.**

(k) What is the share provided for the involved faculty in consultancy earnings **70 Percent**

(VIII) <u>Recognizing merit of teachers, attract and retain quality teachers</u>

    a. Whether the system of recognizing merit of teachers is in place   Yes √ /No

        If yes, give details (through transparent awards and rewards – fiscal and otherwise)

    The merit of the teachers are considered at the time of promotion as per CAS of UGC.

    b. Whether faculty and staff development policy is uniformly implemented   Yes √ /No
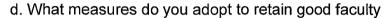
        If yes, what are the <u>incentives provided</u> for the faculty and staff who have under gone development programmes

    The development programs like orientation course and refresher courses are <u>mandatory</u> as per UGC rules for promotion.

c .What are the co – curricular activities of the faculty considered for recognition of their merit

    i)

    ii)

d. What measures do you adopt to retain good faculty

The University always extends support to the faculties for getting projects, allows each faculty for consultancy work and provides necessary funds for attaining the conferences and workshops within the budgetary provision.

(IX) Improving the Education Contents and Delivery in Teaching-Learning:

    a. Whether the institution does the revision/re-orientation / re-structuring of the curricula

        i. At regular intervals √ **[on an average after three years]**

        ii. When ever need arises √

    b. Flexibility in academic programs in terms of

        i)   **Duration** √ **[Dual Degree Programme]**

        ii)   Core / elective subjects √

        iii)   Credit scheme√

        iv)   Grading √

        v)   Have the staff prepared their own teaching material.√

        vi)   How many staff members have written text book? **22 Faculty Members**

    c. student performance evaluation

i)   What are the changes in students' performance evaluation after the implementation of TEQIP? (Summative (measure) and Formative (improve) tests like conducting mock assignments/mock tests / mock quizzes to identify the areas of further improvement in the student, conduct of open book, surprise, oral, closed book. take home tests for summative purposes)

Mid semester assessment, Assignment(s), quizzes etc.

ii)   What are the opportunities for weak students to improve

Tutorial classes and personal counseling are arranged for the weak students.

d.   Teachers' appraisal by students

i)   What is the frequency of teachers' appraisal by students?   **Once in each semester**

ii)   Whether the mid course correction to help the teacher to improve is in place without the teacher feeling threatened about loss of job or promotion   ~~Yes~~/~~No~~ *or* $\supset$ & *when needed*

iii)   Which of the following outcomes of the teachers appraisal by students are focused by the institution and how?

         1. Helping teacher by themselves or through proper counselors √
         2. Improve quality of teaching - learning process √
         3. Improve the course content, relevance and delivery √
         4. Meeting the teaching quality and learning objectives √
         5. Improve performance of students √

6. Ultimately motivate teachers for greater quality √

e. Teacher counseling, Student Counseling & Guidance

i) What is the mechanism of counseling & Guidance to teachers

The HODs are responsible for teacher counseling, However, the senior faculties are also included within the process, as requested by the concerned faculty for advice.

ii) What is the mechanism of counseling & Guidance to students

The students are encouraged to consult with the faculties regarding their problems outside the classroom. The teachers usually advise the students to improve their shortcomings through individual counseling.

iii) What changes took place in the curricula based on student teacher evaluation

~~Inclusion of some elective theoretical and practical courses focusing on cutting-edge disciplines~~

iv) Is there any coaching for GATE, TOEFL and GRE etc **No,** *(handwritten)*

~~As directed by UGC the~~ **coaching for NET examination is conducted** ~~by the institute~~ **for** ~~the~~ **socially disadvantaged groups.**

v) No. of faculty members who attended induction programs / Orientation Programs / Refresher Courses

	2002-03	2008-09
No. of faculty members who attended induction programs		
Orientation Programs	09	13
Refresher Courses	06	19

(X) Networking (NW) & joint activities with other TEQIP institutions

a. Details:

Year	No.of NW activities	No. of CFIs in NW	No. of TEQIP institutions	No. of non-TEQIP institutions	Beneficiaries
2002-03					
2008-09	34		07	07	2220

b. Joint activities:

		2002-03	2008-09
No. of Joint Research	Completed		
	Under Completion		
No. of Design & Development Projects	Completed		
	Under Completion		
No. of Joint Consultancy Projects	Completed		
	Under Completion		
No. of Joint Training Programmes Conducted			
No. of other Institutions invited for partnership meetings			
No. of Seminars conducted with Partnership institutions			/-
No. of partnership institutions invited to assess the performance of the students & Institute.			
No. of other TEQIP institutions invited for knowledge sharing or joint progress reviews			6
What was the number of instances of **sharing best practices** across such institutions			
Has any commercial organization set up any COE or collaborative unit in the campus? (mention number of such units set up)			

(XI) Services to community & industry and Tribal Development Plan

a. Services to Community & industry:

Year	Formal sector			Non-formal sector			Community			Total Expenditure
	No. of activities	Beneficiaries		No. of activities	Beneficiaries		No. of activities	Beneficiaries		
		Male	Female		Male	Female		Male	Female	
2002-03	0	0	0				0	0	0	
2008-09 (for the whole TEQIP period)	05	43	1 5	06	230	58	30 0 6	1988	835	1.99 Million

b. Tribal Development Plan:

Year	SC			ST			BC			Woman/Physically Handicapped		Total Expenditu
	No. of activities	Beneficiaries		No. of activities	Beneficiaries		No. of activities	Beneficiaries		No. of activities	Beneficiaries	
		Male	Female		Male	Female		Male	Female			
2002-03												
2008-09												

i)   Mention the special promotional activities undertaken to increase the access of women

ii)   Indicators for SC/ST students (for monitoring: Intake, performance, completion of course, employment, financial aid and social integration)

	2002-03			2008-09		
	SC	ST	BC	SC	ST	BC
Intake of SC/ST candidate	18			40		
proportion of the SC/ST quota filled	25%			60 %		
No. of Students receiving financial aid						
Number of Dropouts						
Number of students passing the course						
Number of years taken to complete the course in excess of course duration						
No. of students placed through campus interview — Public						
Private						
Not employed						
What was the special amount used for coaching SC/ST candidates (This can be given as a % of the total grant)						

iii) Is the SC/ST quota for **students** , **faculty** and **Staff being filled**   Yes/No

iv)

Indicators for Women Students

	2002-03	2008-09
Intake of Women students	116	176
proportion of the women quota filled		
Number of Dropouts of women students		
Number of women students passing the course in the first year	107`	162
Number of years taken to complete the course without exceeding course duration		

No. of women students placed through campus interview		
Whether women students were given any special coaching if yes mention its kind		
What was the special amount used for coaching of women candidates (This can be given as a % of the total grant)		

(XII) Improvement in Quality of TEQIP Institutions
(a) Faculty Qualifications (Please give the no. of faculty/staff)

Qualification	2002-03	2008-09
Ph.D		97
M.Sc/M.Tech		12`
Others		Nil
Total in Position		109
Total (Sanctioned)		143
No. of staff members enrolled for Ph D		09

(b) Curriculum (Relevance/revision)

Year	No. of new programmes		No. of programmes restructured		No. of programmes reoriented		No. of programmes revised	
	Planned	Achieved	Planned	Achieved	Planned	Achieved	Planned	Achieved
2002-03								
2008-09								

(c) Pass Rate (please give no. of students)

		Academic Year						
		2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
B.E/B.Tech	Total Strength							
1st year	Admitted							
	Passed							
2nd Year	Admitted							
	Passed							
3rd year	Admitted							
	Passed	236	235	237	255	270	272	272

4th year	Admitted							
	Passed							
M. Tech	Total Strength							
1st year	Admitted							
	Passed							
2nd Year	Admitted							
	Passed	240	245	255	273	325	331	332
PhD	Total Strength							
	Total							
	Passed							

(XIII) <u>Outcomes such as improved student learning (high quality graduates) and improved quality of research (PhD offering and output, publications, patents)</u>

(a) High Quality Graduates/Post Graduates/PhDs

No. of Students Passing with	Academic Year						
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
B.E/B. Tech	76	75	82	81	84	85	95
>=75% Marks	175	178	180	204	216	220	269
>= 60% and <75% Marks	158	167	185	180	180	198	263
How many Graduates Qualified for GATE	21	109	23	27	25	35	33
M. Tech							
>=75% Marks	75	73	85	80	115	123	129
>= 60% and <75% Marks	161	165	162	178	192	173	193
PhD (admitted)	14	15	19	27	32	36	40
No. of PhD degrees Guided/Supervised	11	09	08	13	14	12	17
How many students from abroad were admitted	—	—	—	—	—	—	—
For affiliated institutions: what were the **University ranks** of the top 5 students of the institute in three years, branch wise	—	—	—	—	—	—	—

0.245   0.192

How many students opted for higher education (in the past three years, year wise)							

(b) Improved quality of research

		Academic Year						
		2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
No. of PhD Degree Awarded		09	09	12	13	10	09	08
No. of Publications in Journals of repute	National							
	International							
No. of Patents								
No. of faculty who are visiting faculty member								
No. of Seminars conducted								
No. of Paper presentations	India							
	Abroad							
No. of Consultancy Projects Completed								
Revenue earned from consultancy projects								
No. of Training programmes conducted								
No. of Media conducted meets for promotion of quality Engineering Education, Camps in collaboration with MNC's, NASSCOM & CII etc.								
No. of faculty as referees for international journals								

(c) Other quality issues

i)   **Reference of TEQIP in projects / M.Tech thesis / Ph.D work**   **Yes √/No**

ii)   **Information on Website**   **Yes √/No**

iii)   **Comments on TEQIP implementation during JRMs – Aide Memoirie**

(XIV) Institution Development during the Period 2004-08

(a) Status of Accreditation, Revised / Restructured /Reoriented Courses

No. of Academic Programmes (courses)	2002-03		2008-09	
	UG	PG	UG	PG
No. of Eligible Courses	09	09	09	15
Applied for Accreditation			09	15
Accredited by				
NBA				
NAAC	09	09	--	--

(b) Status of Faculty and Staff Positions (Please give the number)

Dir = Director/Principal; Prof =Professor/HOD; Asso Prof=Associate Professor; Asst Prof =Assistant Professor; Lec = Lecturer; R=Regular; C=Contract

P=Programmer; LA=Lab Assistant; WA=Workshop Assistant; O=Others; M=Ministerial; R=Regular; C=Contract

Year	Faculty	Total Sanct ioned	R		C		Post filled	SC		ST		OBC		
			M	F	M	F		M	F	M	F	M	F	
2002-03	Dir													
	Prof													
	Asso Prof													
	Asst Prof													
	Lec													
	P													
	LA													

	WA												
	O												
	M												
Staff Student Ratio													
2008-09	Dir												
	Prof												
	Asso Prof												
	Asst Prof												
	Lec												
	P												
	LA												
	WA												
	O												
	M												
Staff Student Ratio													

(c) Student career indicators:

	Academic Year						
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
B.E/B.Tech							
No. of Campus Placement							
Average Salary Package (per annum)							
No. of students joined M.Tech							
No. of students went abroad							
No. of students unemployed							
M.Tech							
No. of Campus Placement							
Average Salary Package (per annum)							
No. of students joined Ph.D							
No. of students went abroad							
No. of students unemployed							

Please attach documentary evidence of students' placement (if any)

(d) Status of Filling Additional Key Faculty and Staff Positions
i) Details:

Key Faculty/Staff	Planned as per CIP	Filled	Expenditure
Professor			
Associate Professor			
Lecturer			
Staff			

ii) Whether the key faculty and staff were recruited on basis of: (tick)   contract / permanent

iii) Whether the institution will continue these posts after TEQIP   Yes/No
**   If yes, how are you going to meet the expenditure**

(e) Status of Detailed Faculty & Staff Development & Actual Achievement
**   i)   Details**

	Planned as per TNA			Actual Achievement		
	Number Planned	Person Months	Total no. of areas of training	Number Deputed	Person Months	Total No. of Areas of Training
2002-03						
Faculty member						
Technical/Support Staff						
2003-04						
Faculty member						
Technical/Support Staff						
2004-05						
Faculty member						

Technical/Support Staff						
2005-06						
Faculty member	36		11	30		10
Technical/Support Staff						
2006-07						
Faculty member	44		17	49		20
Technical/Support Staff	10		01	08		01
2007-08						
Faculty member	22		15	14		09
Technical/Support Staff	05		02	01		01
2008-09						
Faculty member	36		28	31		24
Technical/Support Staff	92		02	83		01

ii)   Give some examples of improved teaching learning at class room level after attending the above faculty development programmes

Use of various teaching aids, Stress on tutorial classes and individual counseling, Reference to website, journals,newsletters etc., Arrange special lectures on current topics and technology by the Industry people, Softskill development

iii)   State how the institution can attribute the improvements in teaching learning practices after attending the above faculty development programmes (like improved students feedback, increased pass percentage, increase in high quality graduates, quality student projects / placements)

Quality projects from the UG & PG students, Improvement in student feedback, Increase in marks obtained in examinations

iv)   **Give some examples of improved administrative process after attending the staff development programmes**

- **More organized effort and more use of computers in record keeping [Computerisation of the A/Cs department, Digitization of the central library]**
- **More involvement to the work**

(f) Increased academic efficiency:
      (i) Details:

		2002-03	2008-09
Graduation Level	No. of Teaching Days	180	180
	No. of Practicals	Including practicals as per UGC norms	
	No. of examination days	30[approx]	30[approx]
Post - Graduation Level	No. of Teaching Days	185	188
	No. of Practicals		
	No. of examination days		

(ii) Whether the academic calendar is prepared by your institution   **Yes √ /No**

(iii) Whether there is any loss of academic days   **Yes/No√**
      If yes, give reasons

(XV) <u>Procurement</u>

(a) Whether your institution has opted for Civil Works   ✓Yes √/No

(b) Expenditure on
- Civil Works   -   Rs. 20.029   Millions ✓
- Equipment   -   Rs. 213.089   Millions ✓
- Furniture   -   Rs. 2.320   Millions ✓
- Vehicles   -   Rs. ~~24.030~~   Millions ✓
- Books & LRs   -   Rs. 25.301   Millions ✓
- Consultants   -   Rs. 3.374 ✗   Millions *2.9 · 9 7 2 ?*
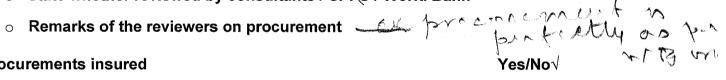
(c) Whether the institution has followed the World Bank norms for all procurements / appointment of consultants   Yes √/No
If yes, were the procedures easy or cumbersome or needs to be continuously trained in procedures

- Procedures are little bit cumbersome .
- ~~In case of appointment of consultants some procedural lapse are there.~~

(d) Were the Post procurement reviews conducted   Yes √/No
If yes,
- state whether reviewed by consultants / SPFU / World Bank

- Remarks of the reviewers on procurement *ok procurement is perfectly as per WB rule*

(e) Were the procurements insured   Yes/No √

(f) Were the procurements properly recorded in stock / asset registers and are labeled   Yes √/No

(XVI) Financial Management

(a) Institution total project outlay Rs. 288.749   Millions ✓

(b) Expenditure   Rs. 288.747   Millions ✓

(c) Any disallowance   Rs.·   Millions ?   η · ᴦᴀ2

(d) How were the funds released to institution: (please tick)
   Through Cheques √ / cash in advance / draw from Pay and Accounts Office (Treasury) / if by other
   means please specify

(e) Were the installments released in time   Yes√/No

(f) Were the TEQIP funds regularly audited by: (please tick)   — *unixr amrlit*
   Chartered Accountant √ / Local fund audit / AG / if by other means please specify —

(g) Whether there were any adverse audit remarks   Yes/No✓
   If yes, mention

(XVII) <u>Lessons learnt</u>

(a) State any three successes you have encountered in implementing TEQIP   *community feeling.*
   i) ~~Introduction of Semester and credit system~~ *and*
   ✓

   ii) Modernisation of the student laboratories
   ✓

   iii) Introduction of resource sharing activities in a formal way
   ✓

(b) State failures if any encountered during implementation of TEQIP

Financial Management , Record keeping system, community development program

(XVIII) <u>In your opinion what were the internal and external enablers and inhibitors to successful</u>

change under TEQIP

(For example inhibitors like lack of conceptual clarity on reforms and components, state and central policies, weak relations with industries, no financial incentives, need of capacity improvement for implementation, compliance with World Bank procedures etc.)

(XIX) Any other information your institution intends to provide: