

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

Phase II Sub Component 1.1

REVISED INSTITUTIONAL DEVELOPMENT PLAN

GOVERNMENT ENGINEERING COLLEGE

Painavu P.O., Idukki, Kerala - 685603

Preface

Government Engineering College, Idukki, was selected as a participating institute in TEQIP Project Phase II, Sub Component 1.1 in the academic year 2012-13. Now we are in the fourth year of the project which is extended to October 2016. The project is progressing as per the institutional development plan (IDP) successfully. Based on experience gained through the implementation of the project and the current status of the project, we decided to modify the project deliverables. The proposal for the revision of the IDP and re appropriation of funds allocated were approved by the 11th Meeting of Board of Governors held on 27-04-2015. Justification for the modification is presented in this document.

Revision of Deliverables

1. Number of students registered for masters and doctoral programs

The IDP envisaged to start two PG programs with intake of 36 and to have 5 doctoral research students at the end of the project. We have already started 4 PG programs and hence the target for masters in take is revised to 72. Considering the lack of availability of research guides, we are reducing the target to 2 in the case of doctoral research students.

2. Revenue from externally funded R&D projects and consultancies

Initial target was Rs. 25 Lakhs. Considering the remoteness of the institution and lack of human resources available for the research work and consultancy, the target is reduced to Rs. 5 Lakhs

3. Number of publication in refereed Journals

The tendency to publish in National refereed Journal has been reduced. Considering this the new target is fixed as 5 in national and 20 in international journals.

4. IRG as Percentage of total recurring expenditure.

The major IRG component is tuition fee collected. The expected revenue from this component will be approximately 15 % of the total recurring expenditure. Hence the target is fixed at 15 %

5. Number of Co-authored publication in refereed Journals.

The revised target is fixed at 2 in National Journals and 10 in international Journals.

6. Student Credentials

Considering the current status of placement, achieving the target of 100% placement is very difficult. Also, the demand for post graduate students are less than expected. Hence the new target is set as 25 % placement for U.G. and 10 % for P.G. Targeted average salary is also reduced to 0.30 Lakhs for U.G. and 0.40 Lakhs for P.G. students.

7. Number of Collaborative programs with industry.

Expect to start 5 collaborative programs and the revised target is set as 5.

8. Accreditation Status

No change in the target.

9. Vacancy position of Faculty and Staff.

The new target is to achieve 90% posts filled.

10. Percentage of Regular Faculty having Masters and above as qualification.

Now we have 6 faculty members with B Tech. degree only. We expect to send 3 of them for higher studies and the new target is fixed at 90%

11. Transit rate to 1st to 2nd year

Achieving 100% transit rate for all sections of students will be a difficult target to achieve. Hence new target for transit rate is reduced.

12. Autonomy Status

No change in the status.

The revised deliverables are listed in the Table below.

Revised Deliverables

Sl. No	Deliverables	Baseline	Target to be achieved at the end of the project	
			Existing	Revised
1	Number of students registered for	0	36	72
	(a) Masters in Engineering programme	0	5	2
	(b) Doctoral programme in Engineering			
2	Revenue from externally funded R&D projects and consultancies in total revenue (Rs.)	0	25 Lakhs	5 Lakhs

3	Number of publications in refereed journals (a) National (b) International	0 0	20 10	5 20
4	IRG as % of total annual recurring expenditure	23.3	75	15
5	Number of co-authored publications in refereed journals (a) National (b) International	5 10	50 40	2 10
6	Student credentials (a) campus placement rate of • UG students • PG students (b) average salary of placement package for (Rs. in lakhs) • UG students • PG students	10% NA 0.25 Lakhs pm	80% 100% 0.50 Lakhs pm 0.75 Lakhs pm	25% 10% 0.30 Lakhs 0.40 Lakhs
7	Number of collaborative programmes with industry	0	20	5
8	Accreditation status	Applied	Expected	Expected
9	Vacancy position for faculty and staff	20% vacant	100% filled	90% filled
10	Percentage of regular faculty having a Master degree or a doctorate degree in engineering disciplines	70%	100%	90%
11	Transit rate from 1st to 2nd year for the following : • All Students • SC & ST Students • OBC Students • Women Students	46.6 % 15.0 % 51.6 % 66.9 %	100% 1000% 1000% 1000%	75% 50% 80% 80%
12	Autonomy status		Expected	Expected
13	Enrolment of faculty with only Bachelor degree for qualification upgradation	30%	0%	2%
14	Any other academic deliverables (maximum 3)			

Re Appropriation of Funds

The 11th meeting of the Board of Governors approved the re-appropriation of TEQIP funds as given in the Table below.

Sl. No.	Activity/Category of Expenditure	Original Provision out of 1000 Lakhs	Revised Provision out of 1000 Lakhs
1	Improvement in teaching, training and learning facilities	550.00	550.00
2	Providing Assistantship for increased enrolment in existing and new PG	100.00	100.00
3	Enhancement of R&D and Institutional Consultancy activities	20.00	30.00
4	Faculty and Staff Development (FSD)	100.00	150.00
5	Enhanced Interaction with Industry	40.00	15.00
6	Institutional Management Capacity Enhancement	30.00	25.00
7	Academic Reforms	20.00	20.00
8	Academic Support for weak students	40.00	40.00
9	Incremental Operating Cost	100.00	70.00