

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)****Equity Action Plan Jan 2020 to Sept 2020****Name of Institute: Government College of Technology, Coimbatore-641013.****Department of Civil Engineering****Part A: For soft activities**

<b>Sl. No.</b>	<b>Activity</b>	<b>Action to be taken</b>	<b>Coordinator from the institute</b>	<b>Executing agency</b>	<b>Date&amp; duration</b>	<b>Frequency</b>	<b>Whether continuing from last action plan or new activity</b>	<b>Indicator to measure outcome (should be quantifiable)</b>	<b>Estimated Expenditure</b>
	Innovation and knowledge sharing for the benefit of faculty and students	Industrial visit to Second year A section	Dr. M. Kumar Tmt. S. Revathi	Department of Civil Engineering	March 2020	Every semester		1. Paper presentation 2. Completing the required and planned training	Rs. 15,000/-
	Innovation and knowledge sharing for the benefit of faculty and students	Industrial visit to Second year B section	Dr. M. Kumar Tmt. S. Revathi	Department of Civil Engineering	March 2020	Every semester		1. Paper presentation 2. Completing the required and planned training	Rs. 15,000/-
	Innovation and knowledge sharing for the benefit of faculty and students	Industrial visit to Third year A section	Dr. C. Meiaraj Dr. M. Rama	Department of Civil Engineering	March 2020	Every semester		1. Paper presentation 2. Completing the required and planned training	Rs. 15,000/-
	Innovation and knowledge sharing for the benefit of faculty and students	Industrial visit to Third year B section	Dr. C. Meiaraj Tmt. C. Bharathi	Department of Civil Engineering	March 2020	Every semester		1. Paper presentation 2. Completing the required and planned training	Rs. 15,000/-
<b>TOTAL</b>									<b>Rs.60,000/-</b>

### Department of Mechanical Engineering

1.	Industrial visit by Faculty	-	Dr. P.K.Palani	ISRO etc.	During summer vacation (May)	Once		No. of faculty visiting the Industry	Rs. 2,00,000/-
2.	Thematic Workshops	To conduct workshops with the help of alumni and industry personals	Prof.S.Parimala Murugaveni		May	Once		No. Of Students participating in Workshop	Rs. 1,00,000/-
<b>TOTAL</b>									<b>Rs.300,000/-</b>

### Department of Electronics and Instrumentation Engineering

1.	Institution to improve non-cognitive and soft skills including communication and presentation skills through their wide use in curricula / project based work.	Project based Skill Training PCB Design	Prof.C.Marimuthu, Dr.B.Aachiammal,	Private(Outside) agency	10.03.2019 (one Day) 11.03.2019 (one Day) Total : 2 Days			Improvement in Project development and presentation by students	Rs.30,000/-
2.	Hold innovation and knowledge sharing workshops yearly to improve knowledge sharing.	Organize workshops with outside experts and alumnus CLAD- Certified Labview Associate Developer Exam Training	Prof.C.Marimuthu, AP/EIE	Private(Outside) agency	26.03.2020, 27.03.2020 28.03.2020 (3 Days)			Improvement in usage of proprietary software in projects & Hackathons	Rs.30,000/-
<b>TOTAL</b>									<b>Rs.60000/-</b>

## Department of Electronics and Communication Engineering

1.	Career opportunities for under graduate ECE students	Through one day workshop	Mr.S.Mathivanan	Expert from outside the institution	02.04.2020 (one day)	-		Success after graduation	RS.15,000/-
2.	Cyber security Awareness to ECE faculty and students	Through one day workshop	Dr.J.Rangaraj	Expert from outside the institution	03.04.2020 (one day)	-		Reduced number of digital theft	Rs.16,000/-
3.	Career choices and funding opportunities for Post Graduate students	Through one day workshop	Dr.G.Suchitra	Expert from outside the institution	16.04.2020 (one day)	-		Success after post graduation	Rs.16,000/-
<b>TOTAL</b>									<b>Rs.47000/-</b>

## Department of Production Engineering

1.	To provide special skills training to students with priority to the weak students	Entrepreneurship development	Dr. P.Ilamathi	Institution	March 2020 – one day			Improvement in the percentage of entrepreneurs after graduation	Rs.20,000/-
2.	To give teachers opportunities to upgrade their domain knowledge	Conduction of FDP on “Industrial Automation”	Dr.S. Gopi	Institution	March 2020 – Two days			Increased number of students transition	Rs.1,00,000/-

3.	Hold innovation and Knowledge Sharing Workshops yearly to improve knowledge sharing	Workshop on “Industry 4.0”	Prof. M. Sankar Kumar	Institution	March 2020 – one day			Improvement in job placement of students	Rs.20,000/-
<b>TOTAL</b>									<b>Rs.140000/-</b>

### Department of Industrial Biotechnology

1.	Innovation and knowledge sharing for the benefit of students	Industrial visit to second year A section	Mr.J.Arun Baskaran Mrs.J.MercyNisha Pauline	Department of IBT	06.03.2020 1 Day	Every semester		Completing the the required planned training	Rs.15000
2.	Innovation and knowledge sharing for the benefit of students	Industrial visit to second year B section	Mrs.T.Malarvizhi Mrs.P.Saranya	Department of IBT	06.03.2020 1 Day	Every semester		Completing the required planned training	Rs.15000
3.	Innovation and knowledge sharing for the benefit of students	Training on Energy Efficiency and Management	Dr.A.Thirunaukkarasu Mrs.T.Malarvizhi Mrs.J.MercyNishaPauline Mrs.M.N.Nafisa Begum	IIT Bombay	13.03.2020 to 15.03.2020	Periodic		Completingthe required planned training	Rs.75000
4.	Innovation and knowledge sharing for the benefit of students	Training on Introduction to Environmental Engineering	Dr.V.Karthik Mrs.P.Saranya Mrs.C.Madhuvanathi Dr.R.Nithya	IIT Bombay	20.03.2020 to 23.03.2020	Periodic		Completing the required planned training	Rs.50000
5.	Training of teachers in subject matters and updating	Two days twinning workshop for teaching faculty	Mr.J.ArunBaskaran	Department of IBT	April 2020	Every semester		Completing the required planned training	Rs.80000

	technical knowledge in the latest development								
6.	Training of teachers in subject matters and updating technical knowledge in the latest development	Two days twinning workshop for nonteaching staff	Mr.C.Muthukumaran	Department of IBT	April 2020	Every semester		Completing the required planned training	Rs.80,000
7.	Innovation and knowledge sharing for the benefit of students and faculty	One week twinning FDP for faculty	Mrs.A.Annu Mrs.C.Madhuvanthi Mrs.M.N.Nafisa Begam	Department of IBT	April 2020	Every semester		Completing the required planned training	Rs.1,50,000
8.	Innovation and knowledge sharing for the benefit of students and faculty	Visiting the Research Labs (CDRI,CFTRI, ICT & IHBT) related to Industrial Biotechnology	All Faculty members for Industrial Biotechnology	Department of IBT	March 2020 & April 2020	Every semester		Completing the required planned training	Rs.2,00,000
<b>TOTAL</b>									<b>Rs.6,65,000/-</b>

### Department of Information Technology

Sl. No.	Activity	Action to be taken	Coordinator from the institute	Executing agency	Date & duration	Frequency	Whether continuing from last action plan or new activity	Indicator to measure outcome (should be quantifiable)	Estimated Expenditure
	Career Opportunities for under graduate IT students	Through on day workshop on Software Defined Networking	Mrs.C.Aswini Mrs.R.Malavika	Expert from outside the institution	03.04.2020 (one day)			Success in Learning new technology	Rs.15,000

	Phython Programming awareness to IT Faculty and Students	Through on day workshop	Mrs.Devi	Expert from outside the institution	09.04.2020 (one day)			Success in Coding	Rs.16,000
	Conducting Professional Development Programme for Faculty	Through on day workshop on cyber Security	Mr.S.Gladson Oliver Mr.J.Kalidas	Expert from outside the institution	16.04.2020 (one day)			Reduced number of Digital theft	Rs.16,000
<b>TOTAL</b>									<b>Rs.47,000/-</b>