

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Equity Action Plan Dec 2020 to March 2021

Name of Institute: PARALA MAHARAJA ENGINEERING COLLEGE, SITALAPALLI

Part A: For soft activities

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	Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)	If yes, what will be the source of funding
1.	Diagnosing Student Weaknesses and Continuous Tracking of Performance	<ul style="list-style-type: none"> ▪ Diagnostic tests on Physics ,Chemistry, Mathematics and English ▪ Remedial classes for weak students are arranged before 1month of end semester examinations ▪ Bridge course by result analysis ▪ Invited expert Lectures from industry or 	All HOD	Internal faculty members, HOD and Institute	<ul style="list-style-type: none"> ▪ Diagnostic test 10th January 2021 ▪ Remedial classes. 02nd January 2021 to 14th January 2021 ▪ Bridge courses are arranged at the end of semester for 2 weeks 	As per the requirement in a semester	continuing	30 percent improvement in transition rate from one year to subsequent year	Rs 20000/-	yes	College funding

		<ul style="list-style-type: none"> educationalist from NIT/IIT Providing facilities for NPTEL VIDEO and E BOOKS 			<ul style="list-style-type: none"> Industrial lectures of 1-2 hrs are usually arranged as per the requirement of a particular theory or Lab. during the course of semester 						
2.	To improve language competency, soft skills and confidence levels	<ul style="list-style-type: none"> English for professional skill Development are arranged at the beginning of the semester Motivational classes Short-term Course on improvement of English Skills 	Dr. M Chhotray Asst. Prof	Universal Education, J P Nagar, 6th phase, Bangalore, & P MEC	15 th February 2021	Twice a year	continuing	30 percent improvement in the result of test conducted at end of year compared to base line test	RS 2,0000/-	yes	College funding
3.	improve non-cognitive and soft skills including communication and presentation skills	<ul style="list-style-type: none"> Group Discussion Personal Interview Career Skills Communication Skills Leader Skills Team Skills Quantitative Aptitude Reasoning Verbal Presentation skill 	Dr. M Chhotray Asst. Prof	Universal Education, J P Nagar, 6th phase, Bangalore, & P MEC	20 TH January 2021 ONE weak	Twice a year	continuing	20 percent improvement in placement compared to that in previous year.	RS 2,0000/-	yes	College funding
4.	Special efforts for training/ internship/	<ul style="list-style-type: none"> Training for weak SC/ST students 	<ul style="list-style-type: none"> Pravat Mohanty, 	<ul style="list-style-type: none"> Universal Education, J P Nagar, 	<ul style="list-style-type: none"> For training of sc/ st students(continuing	Once in a year	Rs 20000/-	Yes	College funding

	placement of weak students	<ul style="list-style-type: none"> ▪ Training and live project for weak students ▪ Additional pre placement training 	<p>Asst. Prof., Dept. of Electrical Engg</p> <p>Dr. Chitrasen Samantaray Asst. Prof. Department of Production Engineering</p>	<p>6th phase, Bangalore,</p> <ul style="list-style-type: none"> ▪ Fragrance & Flavour Development Centre(Ministry of MSME, Govt. of India), Berhampur, Ganjam ▪ CTTC, Bhubaneswar 	<ul style="list-style-type: none"> ▪ January 3rd week. for training and live project throughout the semester ▪ for pre placement training for one week 			<p>Twice in a year</p> <p>Twice in a year</p>			
5.	Training of teachers in subject matter and pedagogy, particularly to improve the performance of weak students	<ul style="list-style-type: none"> ▪ Active learning programme ▪ Professional development training ▪ Short term course 	Dr Puspanjali Mishra Asst. Prof & Academic coordinator	Institute	One week	As per requirement	continuing	30 percent improvement in transition rate compared to that in previous year.	Rs 2,00,000/-	yes	College funding or self funding As per the college guideline
6.	Make campuses physically and socially gender-friendly; especially provide adequate and suitable facilities to women students and faculty	<ul style="list-style-type: none"> ▪ Provision of separate toilet for girls and female faculty in college campus. ▪ empowerment and awareness programme ▪ Self defence training for women ▪ Ensuring a policy on discrimination and harassment 	Dr. S Panda Asst. Prof	Institute	----- <ul style="list-style-type: none"> ▪ January 3rd week 2021 for one day for awareness and training program 	----- <ul style="list-style-type: none"> ▪ Twice in a semester 	continuing	Improvement in feedback rating of women taken at end of year	Rs 10000/-	Yes	College funding

		<ul style="list-style-type: none"> Counseling facility to needy female students / staff 										
7.	Innovation and knowledge sharing	<ul style="list-style-type: none"> Seminar on technology, innovation policy initiative and entrepreneurship development Short term course for students Technical exhibition and live project exhibition 	<p>Debashish Mohapatra Coordinator , Start Up cell and Dr. Jr Mohanty coordinator Entrepreneurship Development cell</p>	Institute	<ul style="list-style-type: none"> 30th to 31st January 2021 March 2nd week 2021 for one day March last week 2021 for 3days 	Once a year	continuing	Increase in No of students participating in subsequent programs.	Rs 150000/-	yes	Training and placement	
8.	Sharing information and knowledge about engineering courses and institutions	<ul style="list-style-type: none"> Sharing knowledge about the use of computer and its benefits in institute adopted village school,Sitalapalli by student volunteers Camp at Govt. ITI College, BERHAMPUR 	<p>Dr C R Mallick Asst. Prof</p>	Institute	<ul style="list-style-type: none"> Each month of the year(in adopted village) February 2nd week 2021for 2 days 	<p>Twice a month</p> <p>Twice a year</p>	continuing	<p>No of students benefited &</p> <p>30% Improvement in the performance of students compared to base line test conducted</p>	Rs 50,000/-	Yes	Nss club funding	
9.	Career Counselling & Placement	<ul style="list-style-type: none"> Career Guidance Sessions Career Counselling Sessions Campus recruitment drive Organisation of Job Fair 	<p>Dr.Bhagabata Panda, T&P Coordinator</p>	T&P Committee(Internal) & Career Consultancy Agencies(External)	<ul style="list-style-type: none"> Career Guidance Sessions: Twice a year for 3rd Year students 15th march 2021 for 2days Career Counselling Sessions: Twice a year for 2nd &3rd year students 15th march 2021 for 1 day 	<ul style="list-style-type: none"> Career Guidance Sessions: Twice a year for 3rd Year students Career Counselling Sessions: Twice a year for 2nd &3rd year students 	continuing	<ul style="list-style-type: none"> 20% Percentage of Placement improvement 20% Percentage of student pursuing higher study/research work 	<ul style="list-style-type: none"> Career Guidance Sessions: Rs 10,000/- per session Career Counselling 	YES	T & P FUNDING	

						<ul style="list-style-type: none"> Organisati on of Job Fair: Once a year 			<ul style="list-style-type: none"> Sessi ons: Rs 10,000/- per sessi on Orga nisati on of Job Fair: Rs40,000/- 		
10.	Skill Enhancement Courses	<ul style="list-style-type: none"> Technical software Training(STADPRO , VLSI, AUTOCAD, CATIA , SOLIDWORKS, ANSYS, PLC) Training for operation of Advanred Machine Tools(CNC) Training on Industrial Manufacturing Process(PCB Fabrication, Microcontroller Fabrication, Mould and Die Making) 	Dr. Chitrasen Samantaray , Asst.prof. Department of Production Engineering	CTTC, Bhubaneswar	30 hours for training & 30 hours for hands on practice in each semester 15 th January 2021	twice a year	continuing	Number of student enrolled & certified	Rs 60000/-	Yes	30 percent fundi ng will be paid by stude nts and rest 70 percent will be funde d by colle ge
11.	Provide appropriate infrastructure for physically	<ul style="list-style-type: none"> Appropriate infrastructure in toilets in both college academic block and hostels 	Jagdish Mallick Asst professor Incharge of Establishment & Maintanace	Institute	-----	-----	continuing	Total no of beneficiaries	Rs 1,00,000/		

	challenged students										
12.	A two tier grievance redress mechanism (GRM)	<ul style="list-style-type: none"> ▪ Formation of student grievances coordinator ▪ Analysis of the grievances and their solution ▪ Report submission to the institute authority 	Sagar Kumar Murmu Asst. Prof and Grievance Coordinator Department of Mechanical Engineering	Institute	In every 15 days	Continuous	continuing	No of problems/grievances solved	Rs 20000/-	Yes	By college funding
13.	Peer Learning Groups of students	<ul style="list-style-type: none"> ▪ Formation of group of 5 students from each department ▪ Giving assignment as seminar/ presentation on specific subject and academic skill. ▪ Evaluation by internal faculty ▪ Submission of evaluation report to their respective HOD. 	All HOD	Institute	Throughout the year	Continuous	continuing	30 percent improvement in transition rate from one year to subsequent year	Rs 150000/-	yes	College funding
14.	Appointing Student Mentors and Faculty Advisers for Students	<ul style="list-style-type: none"> ▪ Appointment of Faculty Advisor for every 15 students ▪ Counselling by Faculty Advisor on Academic, Financial and Social issues and their remedial measures ▪ Organisation of motivational & counselling session by invited experts ▪ Appointing Student Mentors 	HODs of respective Department	Internal	On Every Wednesday & Saturday	<ul style="list-style-type: none"> ▪ Student Counselling & Mentoring by Faculty Advisor: Once a week ▪ Motivational & counselling session by invited experts: 	continuing	20% improvement in Student attendance & 30% Improvement in transition rate	Rs 3000/- per motivational or counselling session (for invited expert)	yes	College funding

						Once a Semester						
15.	Special efforts for SC/ST students	<ul style="list-style-type: none"> ▪ Formation of sc/st development cell ▪ Counselling of students by faculty coordinator ▪ Discussion about their academic, financial, social issues ▪ Special training program for improvement in placement, employability and skill ▪ Formation of sc/st book bank in library 	Sagar Kumar Murmu Asst. Prof Department of Mechanical Engineering	Institute	On every Saturday of the week	Continuou s	continuing	<ul style="list-style-type: none"> ▪ No of students benefitted from training program ▪ 30 % improvement in transition rate ▪ Improvement report and result analysis of their academic performance 	Rs 50,000/-	Yes	Funding from different agency	

Part B: For Minor Civil works

Sl. No.	Activity	Coordinator from the institute	Executing agency	Date & duration	Indicator to measure outcome	Estimated Expenditure	Labor management Plan submitted to NPIU/SPIU (Yes/No/In process)	Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)	If yes, what will be the source of funding
1.	----	-----	-----	----	-----	----	no	--	---
2.	---	-----	----	----	-----	-----	no	--	----

Note:

- a. For suggestive activity please refer column 1 of table of details of Equity Action plan in section 8 of Project Implementation Plan(PIP)
- b. If the activities are being carried out by the outside agency, mention name of the agency

- c. Same activity if repeated should be mentioned in a new row
- d. While specifying the indicator please refer column 5 “monitoring Indicators” table of details of Equity Action plan in section 8 of Project Implementation Plan(PIP)
- e. The amount should be mentioned in rupees only, no lakhs etc.