



NATIONAL INSTITUTE OF TECHNOLOGY

(Established by Ministry of Human Resource Development, Govt. of India)

YUPIA, DIST. PAPUM PARE, ARUNACHAL PRADESH, Pin-791112

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Format- Equity Action Plan for 2019

Name of Institute: NIT, Arunachal Pradesh

Name of EAP Coordinator: Dr. Yaka Bulo

Email Id of EAP coordinator: yaka@nitap.ac.in

Mobile No. of EAP Coordinator: 9436270028

Annexure-II

Department level Equity Action Plan

Department: Electronics & Communication Engineering (UG)

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Hands-on training (workshop)/ Special skills training to students with priority to the weak students	To improve the knowledge of students about the equipment and instruments available in the department	Dr. Sahadev Roy	Department of ECE	20 TH -24 th March 2019	Once in a year	1. Students performance in lab and project work	Rs. 1 lakh



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2.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	ECE	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA
3.	Special skills training to students with priority to the weak students	1. Remedial classes 2. Seminar presentation in class	Dr. Abir Jyoti Mondal	-	During Odd and Even semester	Every six months	i. No. of students clearing subjects ii. No. of students getting job placement	-
4.	To give teachers opportunities to upgrade their domain knowledge	Workshop will be organized to upgrade the domain knowledge of teachers, PG and research scholars	Dr. S.K. Metya	ECE	14 TH -18 TH October 2019	Annually	Number of faculty and research scholars participated in research/ conference and papers presented/ publication	Rs. 2,00000/-
5.	International Conference	To improve the domain knowledge of faculties And research scholar	All faculty members of Dept. of ECE	ECE Dept.	13 th -17 th December	Yearly	Number of faculty participated in conference and papers presented/ publication	Rs. 3,50,000/-



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6.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty		For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA
7.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness about industrial practices	Dr. Preetisudha Meher	ECE	Summer and winter Break	Every Semester	Number of students participated in the training and the presentation of the same after training	Rs. 60,000/-



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Name of Department: Electrical Engineering (UG)

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	EE	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA
2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty	EE	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA
3.	Online repository of learning outcomes	-	Concerned subject faculty	Webmaster	For both (Odd/Even Semesters)	After completion of every unit of the subject	Assessment through their test papers/ FEEDBACK	NA



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4.	Industrial Visit	To provide an exposure to students about practical working environment.	Dr. Rajen Pudur	EE	5 th April 2019 For both (Odd/Even Semesters)	Every Semester	1. Through the report presentation of students.	Rs. 20000/-
5.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness about industrial practices	Mr. Santanu Chatterjee	EE	For Even and odd Semesters	Every semester	1. Through the report presentation of students.	Rs. 70,000/-
6.	Workshop	To upgrade domain knowledge by faculties	Dr. Abhik Banerjee	EE	9 th -13 th December 2019	Annually	Number of faculty participated in research/ conference and papers presented/ publication	Rs. 200000/-



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Name of Department: Computer Science Engineering

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	CSE	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA
2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty	CSE	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA
3.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness	Dr. SK Chakraborty	CSE	For Even and odd Semesters	Every semester	1. Through the report presentation of students.	Rs. 70,000/-



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		about industrial practices						
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Name of Department: Civil Engineering

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	CE	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA
2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty	CE	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA
3.	Industrial Training	To provide an exposure to students about practical working environment and to	Dr. Mainak Mallik	CE	For Even and odd Semester	Every semester	1. Through the report presentation of students.	Rs. 50,000/-



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		provide students a good opportunity to gain full awareness about industrial practices						
4.	Workshop	To upgrade domain knowledge by faculties	Dr. Jumrik Taipodia	CE	Last week of May 2019	Annually	Number of faculty and research scholars participated in the workshop	Rs. 2,50,000/-

Name of Department: Mechanical Engineering

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	ME	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA



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2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty	ME	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA
3.	FDP	To upgrade domain knowledge of faculties	Dr. PK Mohanty	ME	Even and odd semester	8 th -12 th April & 19 th -23 rd August 2019	Through the number of participation.	Rs. 4,00000/-
4.	Conference	To upgrade domain knowledge of faculties	Dr. Anup Paul	ME	Odd Semester	21 st -25 th October 2019	Number of faculty and research scholars participated in research/ conference and papers presented/ publication	Rs. 250000/-
5.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness about industrial practices	Mr. Shubhajit Das	ME	For Even and odd Semesters	Every semester	1. Through the report presentation of students.	Rs. 70,000/-



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6.	Expert lecture	To expertise the students in a particular subject, experts from renowned institute will be called to deliver lectures	Mr. Sandeep Mondol	ME	For both semester (even/odd)	Every semester	Assessment through test papers	Rs. 1,50000/-
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Name of Department: Chemical Engineering

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	CHE	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA
2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty	All Dept. Faculty	CHE	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week)	Reports received from mentors	NA



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		Advisers for student mentors						
3.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness about industrial practices	Dr. Kartick Mondal	CHE	For Even and odd Semester	Every semester	1. Through the report presentation of students.	Rs. 40,000/-

Name of Department: Biotech Engineering

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Flip classroom	Lectures will be recorded and posted online for the students so that they can revisit the part which they did not understand.	Concerned Faculty	BT	January 2019 onwards	Every weekend	1. Assessment through their test papers 2. And feedback from the students	NA



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2.	Appointing Student Mentors and Faculty	Assigned senior student as mentors for junior students, appointed Faculty Advisers for student mentors	All Dept. Faculty	BT	For both (Odd/Even Semesters)	Continuous (Counseling conducted once in a week	Reports received from mentors	NA
3.	Industrial Training	To provide an exposure to students about practical working environment and to provide students a good opportunity to gain full awareness about industrial practices	Dr. Saikat Kumar Jana	BT	For Even and odd Semester	Every semester	1. Through the report presentation of students.	Rs. 50,000/-



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Institute Level Equity Action Plan

Sl. No.	Activity	Sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	Spoken English session By British Council	To improve the communication skills and presentation of students	Dr. Vijay Kumar	British Council Examinations and English Services India Private Limited	22 nd -28 th Feb 2019 One week	Annually	1. Assessment through power point presentation of the students	Rs. 500400
2.	Legal awareness Program	One day Legal awareness program for the girls and lady staffs will be organized on International women's day 2019	Dr. Pallabi K. Hui	Women Cell	8 th March 2019	Once in a Year	Assessment through feedback from the participants	Rs. 50000
3.	Motivational speech (Process-focused motivation)	Motivational Sessions by the RENOWNED personality will be arranged to motivate under motivated students (especially first year students)	Dr.MM Singh		29 th March 2019	Every semester	Assessment through their test papers/attendance of class	Rs. 40000



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4.	Self Defense workshop	Self-defense Workshop will be organized for the undergraduate girl students	Mr. Jorjo Jomoh	NSS	18 TH – 19 th March 2019	Annually	Through Feedback	Rs. 40000/-
5.	Online repository of learning outcomes	-	Concerned subject faculty	Webmaster	For both (Odd/Even Semesters)	After completion of every unit of the subject	Assessment through their test papers/ FEEDBACK	NA
6.	Short Term course on “Train the Trainee” for the faculties especially for ST, SC, OBC faculties		Dr. Yaka Bulo	British Council Examinations and English Services India Private Limited	For even Semester	27 th May to 1 st June	Assessment through Feedback	2,50000/-
7.	To give teachers opportunities to upgrade their domain knowledge	To attend FDPs, conferences and seminars	All the faculty members	Institution	Summer And winter break	Every Semester	Number of faculty participated in research/ conference and papers presented/ publication	Rs. 50,000/-



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Estimated Expenditure for the Equity Action Plan 2018-2019 is Rs. 32,60,400/-