ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NORTH EAST QUALITY IMPROVEMENT PROGRAMME

(AICTE-NEQIP)

INSTITUTIONAL DEVELOPMENT PROPOSAL

UNDER SUB COMPONENT 1.2

Improving Quality of Education in Selected Institutions (Diploma Level)

&

SUB COMPONENT 2

Improving System Management

(AICTE – TEQIP – NES)

2013

ADVANCED TECHNICAL TRAINING CENTRE

BARDANG, EAST SIKKIM

737134

AN ISO 9001 CERTIFIED INSTITUTE

(Approved by A.I.C.T.E.) Autonomous Polytechnic Under Directorate of Technical Education, Government of Sikkim

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
AN ISO 9001 CERTIFIED INSTITUTE
(Approved by A.I.C.T.E.) AN AUTONOMOUS POLYTECHNIC
Under Directorate of Technical Education, Government of Sikkim

Ref. No. ATTC/ADM/2013/ 2460

Dated: 24th September 2013

To,

The Director,
Directorate of Technical Education,
HRD Department,
Government of Sikkim,
Gangtok.

Sub: Endorsement of revised IDP of ATTC for NEQIP

Respected Sir,

Please find enclosed herewith the revised Institutional Development Plan (IDP) of ATTC for NEQIP scheme of AICTE. All revisions which were observed by the mentors during the "Mentorship Programme" held at Guwahati on the 19th of September 2013 have been incorporated.

It is herby requested that you kindly scrutinise and endorse the IDP and issue a letter stating the same.

Thanking you,

Yours sincerely,

Principal

Encl: a/a

PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

A.T.T.C., Bardang, P.O. Bardang, East Sikkim, Pin-737 134, Ph- (03592) – 233482, Fax -235381
Email: attc.skmpoly@gmail.com, Website: www.attc.skmpoly.edu.in

DIRECTORATE OF TECHNICAL EDUCATION
HUMAN RESOURCE DEVELOPMENT DEPARTMENT
GOVERNMENT OF SIKKIM
TASHILING, GANGTOK – 737103

No. 605/DTE/2013/Temp/307/59 Dated 9/09/13

The Member Secretary,
All India Council for Technical Education,
7th Floor, Chanderlok Building,
Janpath, New Delhi-110001

Subject: Forwarding of project Proposal under AICTE-NEQIP for polytechnics.

Sir,

This office is pleased to forward the Institutional Development Plan (IDP) for the following polytechnics of the state under the scheme of AICTE-NEQIP:

1. Centre for Computers and Communication Technology (CCCT), Chisopani, South Sikkim.
2. Advanced Technical Training Centre (ATTC), Bardang, East Sikkim

The scheme documents have been scrutinized and endorsed by this office.

It is anticipated that the proposals will be accepted and the institutions provided opportunity for participation in the noble scheme that AICTE has conceived for the improvement of quality of technical education targeted for the North Eastern States. The State will ensure that the project is implemented in true spirit and the students and stakeholders are benefited from it.

Yours faithfully,

D.K. Pradhan, SCS
Director,
Technical Education.

HUMAN RESOURCE DEV DEPTT
GOVT OF SIKKIM

Directorate of Technical Education, Govt. of Sikkim
Phone: 03592-221610, Fax: 221611; Email: techedgos@lycos.com

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME
FOR
NORTH EASTERN STATES
(AICTE-TEQIP-NES)

INSTITUTIONAL DEVELOPMENT PROPOSAL

Component 1.2 : Strengthening Institutions to improve Learning Outcomes and employability of Students (Diploma Level)

ABBREVIATIONS AND ACRONYMS

AICTE	All India Council for Technical Education
BoG	Board of Governors
CD	Compact Disk
CE	Continuing Education
HoD	Head of the Department
IDP	Institutional Development Proposal
I-I-I	Industry Institute Interaction
IIIC	Industry Institute Interaction Cell
IRG	Internal Revenue Generation
KPI	Key Performance Indicator
LED	Light Emitting Diode
LRs	Learning Resources
MoU	Memorandum of Understanding
NBA	National Board for Accreditation of the AICTE
OBC	Other Backward Class
UG	Under graduate
PG	Post graduate
R&D	Research and Development
SC	Scheduled Castes
ST	Scheduled Tribes
SWOT	Strengths, Weaknesses, Opportunities and Threats
Manager (Admin)	Manager for Administration Works
Manager (Finance)	Manager for Finance
VP	Vice Principal
D&DO	Drawing & Disbursement Officer
HoD(G&CS)	HoD for General and Computer Science
HoD (M&MT)	HoD for Mechatronics & Manufacturing Technology
HoD(ME&TD)	HoD for Mechanical Engineering & Tool & Die making
AI	Academic Incharge
CIC	Course Incharge
SIC	Section Incharge
NTTF	Nettur Technical Training Foundation
DTDM	Diploma in Tool & Die Making
DM	Diploma in Mechatronics
DMT	Diploma in Manufacturing Technology
DME	Diploma in Mechanical Engineering
DCE	Diploma in Computer Engineering

Table of Contents

1. INSTITUTIONAL BASIC INFORMATION

1.1 Institutional Identity

- Name of the Institution : ADVANCED TECHNICAL TRAINING CENTRE
- AICTE permanent ID no : 1-474220803
- Furnish copy of AICTE approval letter for 2013-14 : Annexure A
- Type of Institution : Degree | Polytechnic
- Category of Institution : Govt. | Govt. Aided | Univ Deptt
- Status of Institution :
  - ☐ Autonomous Institute as declared by affiliating University
  - ☐ Non autonomous and Affiliated to University
  - ☐ Constituent college/department of University
  - ☐ Affiliated to Technical Education Department of State Government
  - ☐ Affiliated to Technical Board of State Government
  - ☐ Any other (specify)

  Collboration with Nettur Technical Training Foundation, Bangaluru for academic consultancy (Joint Certification body)
- Name of Affiliation State Deptt/Board/University : State Board of Technical Education, Government of Sikkim and Nettur Technical Training Foundation, Bangaluru
- Full Time Head of Institute available : Yes | No
- Name and Designation of Head of Institution : Group Captain Subhankar Purkayastha (Retd.), Principal
- Nature of Full time appointment :
  - Regular
  - Contract
  - Deputation

- **INSTITUTIONAL PROJECT UNIT**

Heads and Nodal Officers	Names	Mobile number	Land Line	Email ID
Head of Institution	Group Captain Subhankar Purkayastha (Retd.)	9434135381	03592 233482	attc.skmpoly@gmail.com
TEQIP Coordinator	Mr. Sonam Palden Barfungpa, Vice Principal	9434867624	03592 233482	attc.skmpoly@gmail.com
Project Nodal Officers				
Academic Committee including Academic Quality Assurance Committee	Mr. Tenzing Dorjee Pradhan, Academic Incharge (AI)	9434870592	03592 233482	attc.skmpoly@gmail.com
Finance & Purchase Committee	Mr. Lochan Kumar Adhikari	9434137107	03592 233482	attc.skmpoly@gmail.com
Building and Works Committee	Ms. Rita Devi Dhakal, Manager (Admin)	9733123923	03592 233482	attc.skmpoly@gmail.com
Students Affairs & Disciplinary Committee	Mr. Bhasker Sharma (HoD, TD&ME)	9046683740	03592 233482	attc.skmpoly@gmail.com
Institutional Development Committee	Mr. Sonam Palden Barfungpa, Vice Principal	9434870592	03592 233482	attc.skmpoly@gmail.com
Grievance and Women's Welfare Committee	Ms. Noor Jahan Khatoon, Lecturer	9434788402	03592 233482	attc.skmpoly@gmail.com

a. Academic Information:

- **Diploma, UG and PG programmes in Engineering offered in Academic year 2013-14:**

Total number of courses being conducted by Institute: 5 (five)

S. No	Level (Diploma, UG, PG, PhD)	Programmes	Duration (Years)	Year of starting	No. of Batches passed out	AICTE sanctioned annual intake				Total student strength
						10-11	11-12	12-13	13-14	
1	Diploma	Tool & Die Making	3	1999	12	45	45	45	45	116
2	Diploma	Mechatronics	3	2001	10	45	45	45	45	127

3	Diploma	Manufacturing Technology	3	2003	8	45	45	45	45	125
4	Diploma	Mechanical Engineering	3	2005	6	45	45	45	45	132
5	Diploma	Computer Engineering	3	2007	5	45	45	45	45	97

- **NBA Accreditation Status of Diploma programmes:**

Course	Whether accredited as on date of submitting application	Reference number and date of Accreditation letter (attach copy)	Accreditation valid up to (specify date)
NIL	NA	NA	NA

- **NBA Accreditation Status of UG programmes:**

Course	Whether accredited as on date of submitting application	Reference number and date of Accreditation letter (attach copy)	Accreditation valid up to (specify date)
NA			

- **NBA Accreditation Status of PG programmes:**

Course	Whether accredited as on date of submitting application	Reference number and date of Accreditation letter (attach copy)	Accreditation valid up to (specify date)
NA			

- **Details of Diploma courses which will become eligible for Accreditation during 2013-16:**

Course	Date on which the course will become eligible for applying for NBA accreditation
Tool & Die Making	**Eligible**
Mechatronics	**Eligible**
Manufacturing Technology	**Eligible**
Mechanical Engineering	**Eligible**
Computer Engineering	**Eligible**

- **Details of UG courses which will become eligible for Accreditation during 2013-16:**

Course	Date on which the course will become eligible for applying for NBA accreditation
NA	

- **Details of PG courses which will become eligible for Accreditation during 2013-16:**

Course	Date on which the course will become eligible for applying for NBA accreditation
NA	

b. Status of Faculty Associated with Teaching Engineering Students (Regular & Contract) as on 30th June, 2013:

Faculty Rank	Number of faculty required as per AICTE	No. of Sanctioned Regular Posts	Present Status : Number in Position by Highest Qualification														Total Number of regular faculty in Position	% faculty positions filled on regular basis	Total shortfall against sanction of post	Total Number of contract faculty in Position	% Total faculty position filled
			Doctoral Degree				Masters Degree				Bachelor Degree				Diploma						
			Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and Humanities)		Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and Humanities)		Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and Humanities)		Engineering Disciplines		Supporting Disciplines (Physics, Chemistry, Maths and Humanities)					
			R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20=(4+6+8+10+12+14+16+18)	21	22=(3-20)	23=(4+6+8+10+12+14+16+18)	24
Director/ Principal	1	1									1								1	100	0	0	100
Prof/HoD	NA	3					3												3	100	0	0	100
Asso. Prof	NA																						
Asst Prof	NA																						
Lecturer	29	19									22		3						17		0	8	100
Any Other	0																						
Total	30																		21	70	0	8	97

Prof = Professor; Asso. Prof = Associate Professor; Asst Prof = Assistant Professor; R=Regular, C=Contract

(Kindly provide separate one page faculty profile in format give - Appendix I - Faculty profile)

c. Status of Board of Governors:

- **Whether Board of Governors is in place :** Yes / No
- **Whether an eminent educationalist or industrialist is made the Chairperson of BOG :** Yes / No

[BOG notification – Annexure II]

ELIGIBILITY CRITERIA1.5 Eligibility Criteria:

Benchmarks for eligibility for participation in the project under the Component 1.2 :

Benchmarks for Institutions to qualify

S.No.	*Eligibility Parameters*	*Benchmark Values*	*Institutional response*
1.	Agreement to implement all academic and non-academic reforms listed below: • Curricular Reforms through competent approval (annexure III) • Exercise of internal autonomies*** • Establishment of Corpus Fund, Faculty Development Fund, Equipment Replacement Fund and Maintenance Fund (annexure IV) • Generation, retention and utilization of revenue generated through a variety of activities • Filling up all existing teaching and staff vacancies • Delegation of decision making powers to senior Institutional functionaries with accountability (annexure V) • Improved student performance evaluation (annexure VI) • Performance appraisal of faculty by students (annexure VII) • Faculty incentives for Continuing Education (CE), consultancy and R&D • Accreditation of at least 30% of its eligible Diploma, UG and PG programmes accredited of applied for within two years of joining the project. (annexure IX) • Accreditation of at least 60% of its eligible Diploma, UG and PG programmes accredited of applied for at the closure of the project.	Yes	Yes
2.	Age of the Institution from the start of its first academic session (in years) For 1.2 Institutions	4	14 (Annexure XI)
3.	Minimum number of Diploma / UG and PG programmes currently conducted	4	5
4.	Faculty positions filled on full-time basis as percentage of the total faculty positions sanctioned in accordance with the AICTE prescribed student-to-faculty ratio	50%	97%**
5.	Presence of Board of Governors with an eminent educationist or Industrialist as the Chairperson	Yes*	Yes (Annexure II)

* (kindly provide the full BoG composition with names and designations).

Enclosures : -

a. Latest curriculum revision – Annexure III
b. ***Exercise of Internal autonomies – (to be taken up at the meeting of the BoG and will be kept as per the mandate of AICTE)
c. Formation of four funds – Annexure IV
d. Sample of Employment data sheet given to staff members stating their responsibilities and delegation of power and their autonomies – Annexure V
e. New scheme for student evaluation (Inclusion of competency based tests) – Annexure VI
f. Sample of staff evaluation by students – Annexure VII
g. Faculty incentives – Annexure VII
h. Accreditation – Annexure IX

** AICTE prescribed student teacher ratio = 20:1

Total number of students – 597

Prescribed ratio – 597/20 – 29.9 (say 30)

Therefore 29/30 = 97%

Note : Enclose supporting document: AICTE Mandatory Disclosure for 2013-2014)

INSTITUTIONAL DEVELOPMENT PROPOSAL (IDP)

Of

ADVANCED TECHNICAL TRAINING CENTRE, BARDANG

SECTION 2

Institutional Proposal for Sub Component 1.2
(AICTE - TEQIP – NES)

2. DETAILED INSTITUTIONAL DEVELOPMENT PROPOSAL (IDP)

2.1 Executive Summary

Advanced Technical Training Centre (ATTC) is one of the premier polytechnics in the North eastern Region. The polytechnics is running 5 courses in its barding campus. Having started with a mere 19 students and 5 faculty members in the year of 1999, it has now grown to over 600 students and in total of 43 faculty members (29 Lecturers and 14 lab Instructors). ATTC has been providing quality education with employable skills to its students for the past 13 years and also was one of the best performing states during the TechED III project. The placement record of the institute with placements in companies like Maruti Suzuki, Harley Davidson, Jindal Steel, Arcelor Mittal among others shows its contribution to imparting industry based employable skills to the youth of the region and the country.

Keeping in view the above record and its Quality Policy of "Imparting Excellence in Technical Education Using Latest Technologies" the polytechnic has decided of participating in the AICTE – TEQIP – NES scheme of AICTE

This proposal includes the following activities:-

- Improvement in teaching, training and learning facilities
- Enhancement of R&D and institutional consultancy activities
- Faculty and Staff Development (including faculty qualification up gradation, pedagogical training, and organising/participation of faculty in workshops, seminars and conferences) for improved competence
- Enhanced Interaction with Industry
- Institutional Management Capacity enhancement
- Implementation of institutional academic reforms
- Academic support for weak , SC & ST students

The Institute has planned for the following enhancements during the project period:-

- Increase in total space for classrooms and laboratories by 865 sq. m.
- Increase the total number of classrooms to 10 numbers from existing 7
- Addition of one new Diploma Program
- Addition of two new laboratories
- Upgradation and removal of obsolence for 4 laboratories
- Upgradation of all existing classrooms and creation of 1 state of the art classroom
- Upgradation of 95% of faculty members having Diploma certificates
- Upgradation of 80% of faculty members having Bachelor's Degree to Masters degree
- Upgradation of 10% of faculty members to Doctoral level
- Enhancement of employability skills of the students
- Enhancement in average salary of employed students

2.2 Details of SWOT analysis

During the period of the project, the following are the enhancement which the Institute is planning to undertake

SWOT Analysis

SWOT analysis was carried out to gain a better perception of the ongoing quest of the Institute towards fulfilling its vision of "Excellence in Technical Education" and its mission of "To provide quality technical education, at national and international levels"

This analysis will help the institute achieve and continue it work towards the Quality Policy of the Institute of "Imparting Excellence in Technical Education using latest Technologies"

The analysis will make a comprehensive study of the all the areas of the SWOT to better aid us in preparing a strategic plan for the Institute in achieving the goals set by the Institute of giving employable skills to the youth of the nation so that they can be employed anywhere in the world and thus decreasing the unemployment rate of the State and thus the nation. All of this keeping in view the Quality Policy and it Vision and Mission statements.

OBJECTIVE

The broad objective of the analysis is to identify the thrust areas of the Institute in order to prepare the Strategic Plan for **Strengthening the Institute to improve learning outcomes and employability of the students** and also the **Enhancement of the Institutional and System management effectiveness.**

METHODOLOGY

Exploratory Research Design method has been adopted to carry out the SWOT analysis for ATTC polytechnic. Exploratory research helps determine the best research design, data collection method and selection of subjects and thus the choice of this methodology. All the stakeholders were asked to come up with their own salient points in all of the SWOT areas and were not bounded by giving set parameters for rating. All the stakeholders, The Principal, The Head of Departments, all the faculty members and administrative staff members and all the students (keeping one facilitator for each section and the facilitator being the respective section incharge). Also a general feedback was taken up from the Industries and the alumni of the Institute.
(The sample of the SWOT analysis is attached as Annexure XI also the consolidated SWOT Analysis provided as annexure XII)
A brainstorming session was organized with all the faculty members and the Principal and the HODs and the following report has been generated.

STRENGTH

1. Location

    - ATTC polytechnic is situated right on the national highway NH31A a mere 30 kilometers from the capital town of Gangtok
    - It is located at the Government declared Industrial belt and thus is situated strategically at a location which can later on develop one of the major Industrial areas thus given us a chance of healthy Industry Institute Interaction
    - The polytechnic is easily accessible

2. Well equipped laboratories

    - The laboratories of ATTC are well equipped as of today with its present strength. However even a slight increase on the numbers will prove strenuous to the existing laboratories and also the equipment are starting to get obsolete.

3. Young and highly qualified faculty

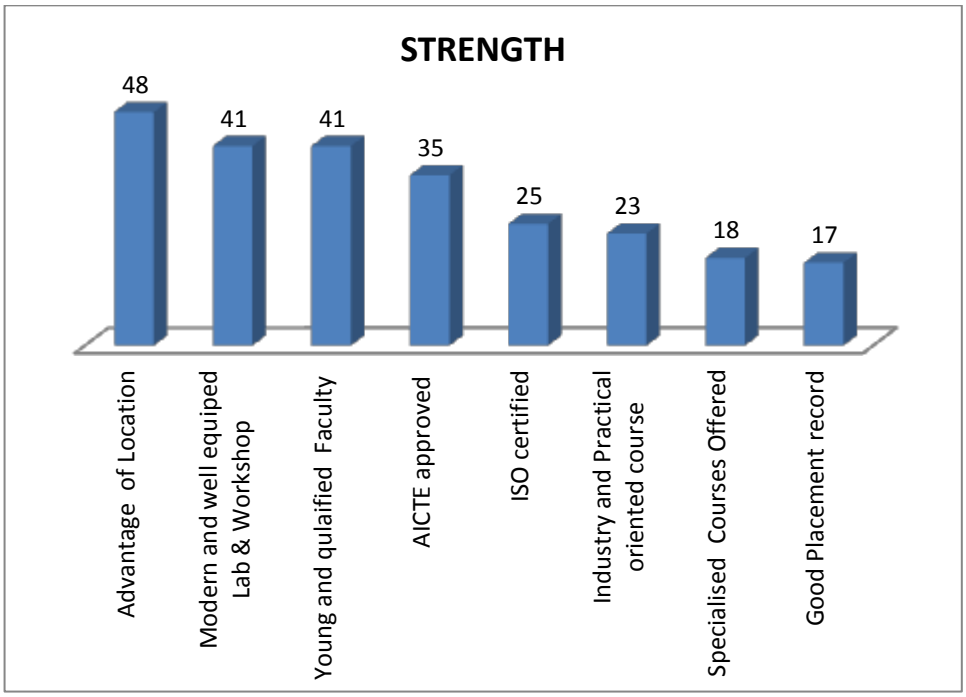
    - ATTC boasts of having a very young faculty group with the average age of the faculty members being around 32.
    - ATTC has always encouraged its faculty members to opt for higher studies although owing to lack of proper policy for further studies and adequate members, most of the faculty members have opted for correspondence/part time studies.
    - However from this year the Institute has started allowing for full time studies
    - Regular arrangement of in-house training/Continuing education organized by external members as well as internal.

4. AICTE approved and ISO certified

- ATTC has always had the AICTE approval since inception which has been very helpful in maintaining the high standards within the institute
- ATTC has been ISO certified by BVQI, one of the premier ISO certification agencies, since 2005. The frequent audits and its stringent audit norms has helped the Institute in continuously improving its systems

5. Specialised, Industry and practical oriented courses

- The courses of ATTC are practical based and industry oriented courses.
- The curriculum design is in collaboration with NTTF, Bangaluru who is also the academic consultant of the Institute. NTTF being one of the premier Industry based training Institute with its collaborations with Toyota, Maruti Suzuki, Tata among many other Industries helps us in keeping our curriculum in tune with the latest demands of the present day needs of the Industry
- The curriculum and courses of ATTC are very specialized with courses like Tool and Die Making which is one of the most sought after trades in Automotive industry and Mechatronics which is a very unique and specialized courses.



WEAKNESS

1. High Fee Structure

- It is agreeable that the fee structure of the Institute is on the higher side which makes it inaccessible to the mass in general.
- The rate of fees jumped owing to revision of pay scales and escalation of operational costs

2. Constraint in space for expansion and playground

- The Institute is built up in an area of 2.00 acres with additional 1.62 acres as an annex which houses the staff quarters and Girls hostel

- This is leading to constraint in additional space for expansion and also the Institute is not able to provide playground for its students

3. Drop in Placement

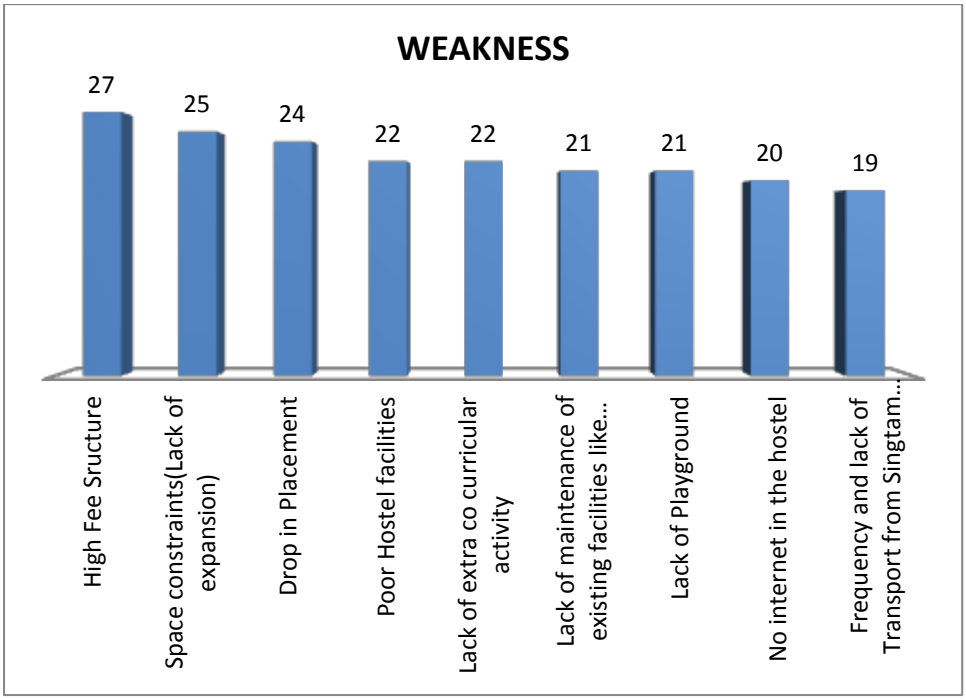
   - Drop in the placement record has been the major concern for the recent outgoing batch (passout batch 2013)
   - The recession in automobile sector, which was and is one of our major employers, has badly affected our job market

4. Unavailability of facilities for recreational facilities/extra curricular activities

   - Owing to unavailability of a playground the sports facility to the students are limited to indoor games
   - Owing to the inadequate infrastructure, the available multipurpose hall is also utilized for conduction of 1st year workshop classes and hence the space is unavailable for most of the time

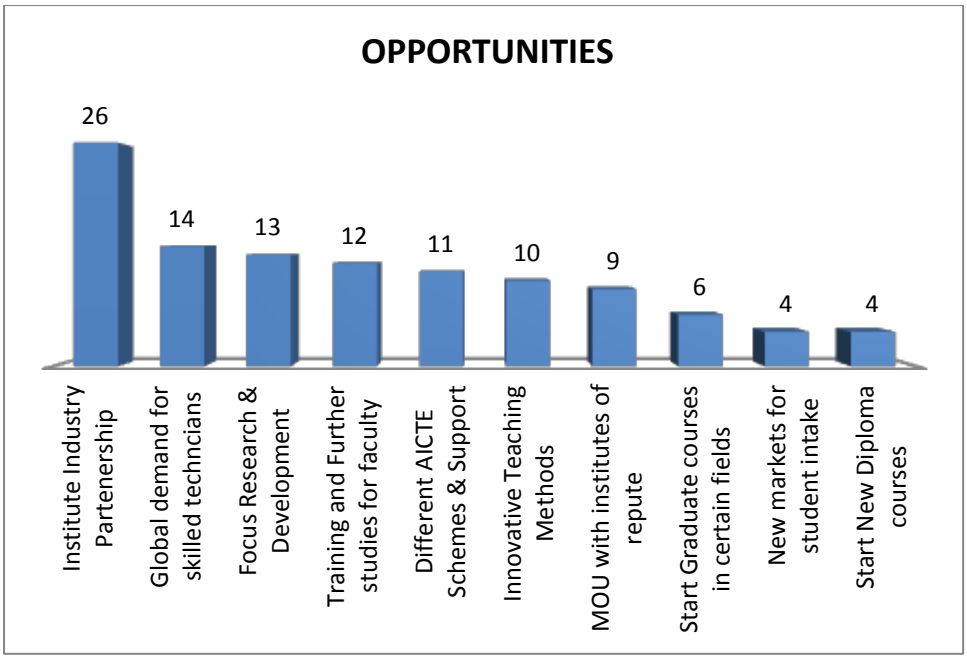
5. Lack of maintenance of existing infrastructure

   - Constraint in the financial resources owing to lack of funds from the Government and the aging infrastructure, which incurs a high maintenance cost, has been contributing to inadequate resources towards maintenance



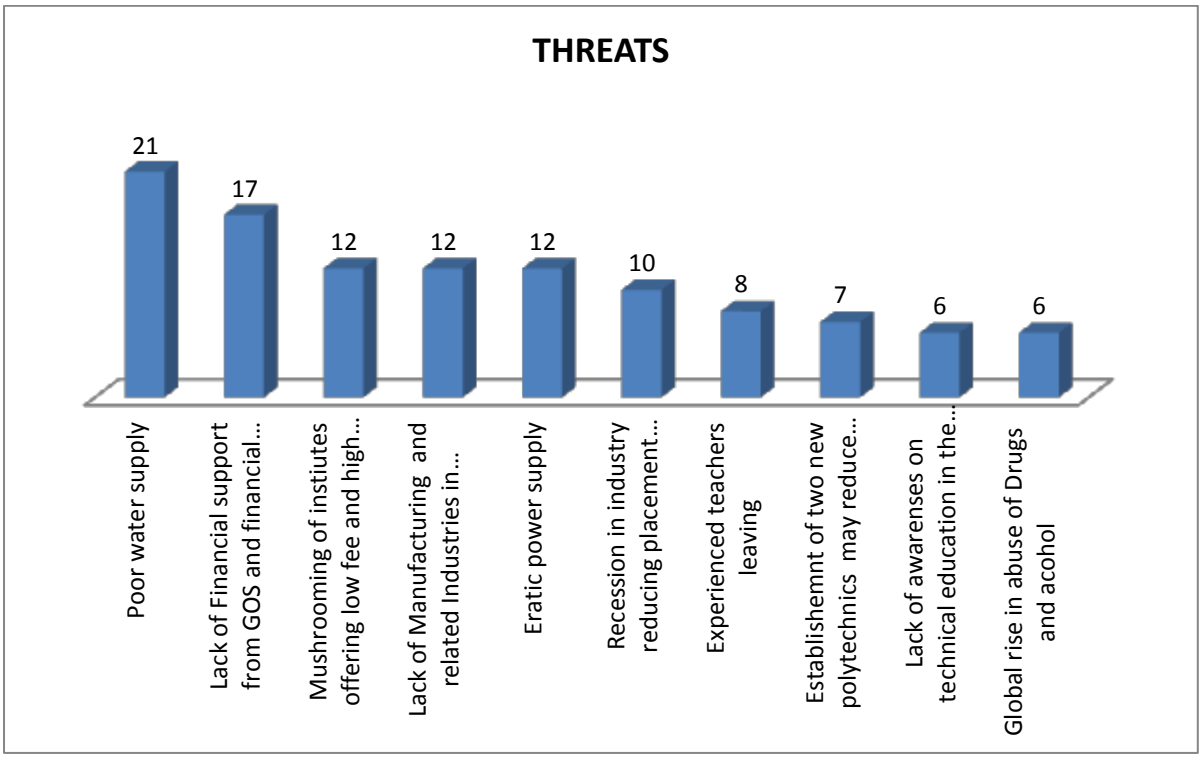
OPPORTUNITIES

1. Increased Industry Institute Partnership
2. Continuous demand, globally, for skilled technicians
3. Focus on research and development
4. Start of New Diploma courses with exploration of upgrading to UG level
5. Conduction of short term courses for IRG



THREATS

1. Poor water supply
2. Lack of financial support from Government
3. Mushrooming of Institutes offering low fees and high marks
4. Lack of manufacturing and related industries in the State
5. Recession in Industry



2.3 STRATEGIC PLAN

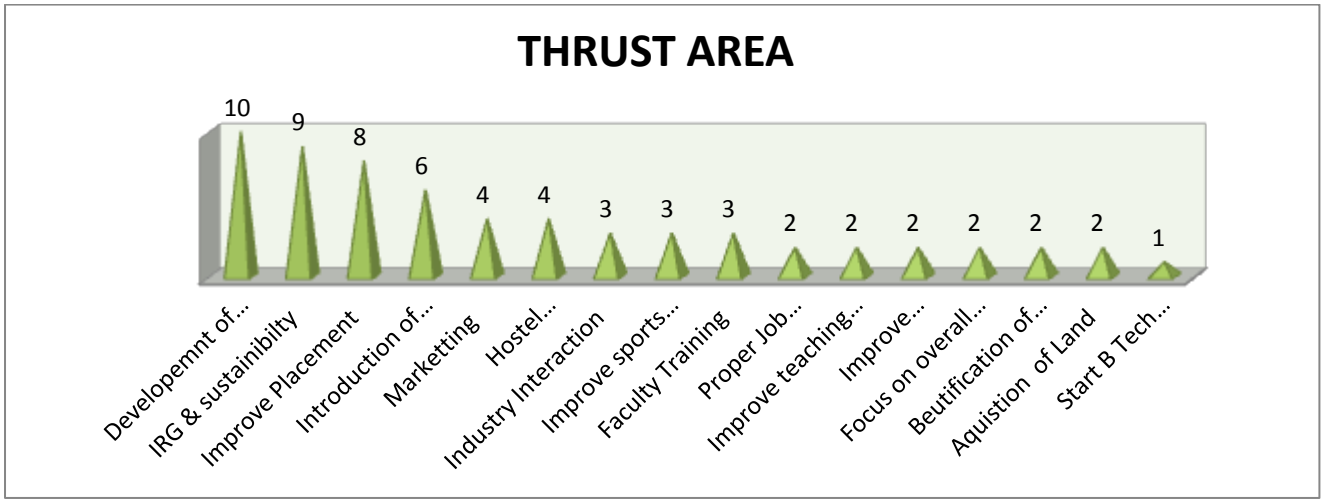
The most crucial step in strategic planning involves the identification of the thrust areas or the strategic directions. This is normally done by carefully reviewing the SWOT data while keeping in mind the contents of the Vision and Mission statements.

As thrust areas are those areas of institutional development that call for change, the procedure used for their identification was to match the strengths of the polytechnic with appropriate opportunities. Another approach was to look for ways to minimize the effect of the weaknesses. The best we could do with threats was to try and overcome their ill effects, and if this was not possible in some cases, to avoid them.

A meeting was carried out involving all the faculty members and the HODs which was chaired by the Principal, for identifying thrust areas and the exercise of matching strengths with opportunities and of reducing the effects of the weaknesses and threats was done carefully. From the SWOT analysis the areas which were of **Low Strength High Importance**, that of **Medium Strength High Importance** and that of **Low Strength Medium Importance** were taken up for the identification of the thrust areas.

The following are the thrust areas identified for the TEQIP project

1. Development of Infrastructure and acquisition of land for improvement in training and learning facilities
2. IRG & Sustainability of the Institute through increase in Intake capacity, Startup of new courses and conduction of short term training programs
3. Improve in Placements of the students with focus on academically weak and reserved category students
4. Better marketing of the Institute in order to be recognized as a leading Diploma level Institute in the country
5. Continuous training of Faculty and Staff.
6. Focus on overall development of the students



It is worth mentioning that some thrust areas identified initially were clubbed together to form a single thrust area

The following is the link established between the thrust areas identified, the SWOT analysis and the objectives under each thrust area.

S.N.	THRUST AREA IDENTIFIED	SWOT AREA ADDRESSED	KEY ACTIVITIES	Related Activity (Sl. No. as listed in implementation schedule)
1	Development of Infrastructure and acquisition of land for improvement in training and learning facilities	• Advantage of Location (S) • Space Constraint (Lack of expansion) (W) • Lack of Playground (W) • Lack of maintenance of existing facilities (W) • New Markets for student intake and placement (O)	• Start of process for acquisition of land through HRDD (Institute funding) • Civil Construction a) Repair of existing infrastructure b) Expansion on existing structure • Improvement in water supply system of the Institute • Upgradation and replacement of equipments in existing laboratories • Establishment of new laboratories for new diploma programs • Modernization of classrooms • Updation of learning resources and strengthening of library with focus on e-Library	2, 3, 4, 5, 6, 7, 9, 10
2	IRG & Sustainability of the Institute through increase in Intake capacity and admission of existing	• Advantage of Location (S) • Modern and well equipped labs (S)	• Start of a new Diploma Program • Increase the number of seats for at least two trades to 60	1, 11, 19, 14

	courses, Startup of new courses and conduction of short term training programs	• Lack of marketing (W) • Conduct short term training course (O) • Start New Diploma Course (O) • Lack of financial support from Government (T)	• Organise regular short term training programs n collaboration with Government Departments • Organise regular short term training programs for technical level institutes for North Eastern Region • Organise National level conferences • No hike in fees from the existing structure within the project period) • Collaboration with Industry for consultancy and research projects	
3	Improve in Placements of the students with focus on academically weak and reserved category students	• Industry and Practical oriented courses (S) • Young and Qualified faculty (S) • Good work culture (S) • Diverse student population (S) • Drop in Placement (W) • Lack of Industrial Training and visits (W) • Industry Institute Partnership (O) • Global demand for skilled	• Proper establishment of Industry Institute Interaction Cell with mechanism for regular interaction with the Industries • Organise special tutorial classes for academically poor students which would be part of the weekly time table and would run throughout the semester • Establishment and conduction of Finishing schools • Enhanced training on soft skills for better employability of students • Inclusion of competency based evaluation of the students for gauging and improving their employability	14, 16, 17, 18

		technicians (O) • Mushrooming of Institutes which offer less fee structure and High marks (T) • Fluctuating market demand for Diploma students (T)	• Continuous evaluation and revision of curriculum in consultation with Industry partners • MoU with Institute of repute • Strengthening of mentoring system of students • Formation of guidance counseling cell for students	
4	Better marketing of the Institute	• Industry and Practical Oriented Courses (S) • Good Placement Record (S) • Poor Intake Quality and Decreasing admission numbers (W) • Lack of proper marketing (W) • New Markets for student intake (O) • Lack of awareness on technical education in the state and country (T) • Mushrooming of institutes offering low fee and high marks (T) • Establishment of two new	• Adoption of better marketing strategies • More active participation in activities and competitions within and outside states • Exploration and visits to newer markets within the country and neighboring countries like Nepal and Bhutan • Conduction of National Level competitions	8

		polytechnics may reduce intake (T)		
5	Faculty and Staff training	• Young and qualified faculty (S) • Lack of team work and synergy among staff (W) • Lack of proper management (W) • Training and further studies of faculty (O) • Innovative teaching methods (O) • Focus on Research and Development (O)	• Focus on qualification upgradation of faculty members • Impetus towards Continuing education programmes • Importance to research and development • Focus on use of modern teaching techniques and student evaluation • MoU with Institutes of repute • Improving Managerial and Administrative abilities of Heads of Institution, Heads of Departments, senior faculty and officials through specifically designed training programmes	12, 13, 15
6	Focus on overall development of the students	• Drop in Placement (W) • Lack of extra co curricular activity (W) • Lack of Playground (W) • Cultural equipment like sound system not good (W) • Growing competition (W)	• More impetus to be given for active student participation in extra curricular activities • Participation in State and National level competitions of all nature • Creating facilities for sports and other recreational activities • Active participation of students in the finishing school and employability skills programs	4, 8, 11, 18

2.4 Objectives and expected results in terms of, "Institutional strengthening and improvements in employability and learning outcomes of graduates"

S.N.	THRUST AREA IDENTIFIED	KEY ACTIVITIES	SPECIFIC OBJECTIVES	EXPECTED RESULTS
1	Development of Infrastructure and acquisition of land for improvement in training and learning facilities	• Start of process for acquisition of land through HRDD (Institute funding) • Civil Construction a) Repair of existing infrastructure b) Expansion on existing structure	Increase in floor space area for classrooms and laboratories	Total number of classrooms to be increased from 7 to 10 Total built up space to be increased by 864 aq m
		• Improvement in water supply system of the Institute	Avoid drainage from overflow pipes and wastage of rain water	Reduce scarcity of water
		• Upgradation and replacement of equipments in existing laboratories	Removal of Obsolete equipments and Upgradation of existing labs	Laboratories to be upgraded within this project period are I. Power Electronics Lab II. CIM Lab III. Machine Shop Lab IV. Computer Lab I
		• Establishment of new laboratories for new and existing diploma programs (Diploma in Civil engineering)	Establishment of new laboratories	Following new laboratories to be set up i. Robotics Lab

				ii. Survey Lab iii. Hydraulics and Fluid Machines lab iv. Material and Soil Testing Lab v. Civil Drawing Lab
		• Modernization of classrooms	Replacement of existing classroom furniture and conversion of some classrooms to smart classrooms	Conversion of 6 classrooms into smart classrooms and one new classroom to be state of the art
		• Updation of learning resources and strengthening of library with focus on e-Library	Upgradation of existing Library software and subscription to Journals and e books	Purchase of a database server for Library Subscription to Springer and Science Direct journals All books to be purchased with CDs and uploaded in the server
2	IRG & Sustainability of the Institute through increase in Intake capacity and admission of existing courses, Startup of new courses and conduction of	• Start of a new Diploma Program	Conduct a market study and start of at least one new Diploma Program	Increase the total number of programs to 6

	short term training programs	• Increase the number of seats • Organise regular short term training programs in collaboration with Government Departments • Organise regular short term training programs for technical level institutes for North Eastern Region • Organise National level conferences • No hike in fees from the existing structure within the project period) • Collaboration with Industry for consultancy and research projects	Increase in total intake of students Increase in IRG through short term training programs and more impetus to consultancy and research projects for the Industries The existing fee structure of the Institute to be continued during the project period	Increase the intake of Diploma in Mechanical Engineering and Diploma in Mechatronics program to 60 Organise atleast two(2) Short term training programs Organise at lease two(2) National level conferences At least two consultancy projects to be undertaken Existing fees to be continued
3	Improve in Placements of the students with focus on academically weak and reserved category students	• Proper establishment of Industry Institute Interaction Cell with mechanism for regular interaction with the Industries	Establishment of Industry Institute Interaction Cell Tutorial classes for academically weak students to be organized as part of program	Collaboration with atleast one(1) Industry of repute for being part of the Institute's activities including training for faculty and students and also to be involved in curriculum revision. This number to be increased to

				two(2) by the end of the project period
		• Organise special tutorial classes for academically poor students which would be part of the weekly time table and would run throughout the semester	Establishment of Finishing school Conduction of Employability Skills Enhancement (ESE) training programs	One tutorial class per week per subject to be conducted
		• Establishment and conduction of Finishing schools • Enhanced training on soft skills for better employability of students		Finishing school to be conducted for one(1) month during the period of January – August of every year. The duration to be increased to two(2) months by end of project period
			Competency based evaluation of students to be introduced	40 cumulative days of ESE training programs to be conducted during the duration of Diploma program starting with at the 4th Semester of the program
		• Inclusion of competency based evaluation of the students for gauging and improving their employability	Regular revision of curriculum to be undertaken	One competency based tests to be conducted per semester
		• Continuous evaluation and revision of	Regional Institutes of repute	

		curriculum in consultation with Industry partners • MoU with Institute of repute • Strengthening of mentoring system of students • Formation of guidance counseling cell for students	to be indentified and MoU to be formed Guidance counseling cell to be formalized and made operational Mentoring system to be part of the mandate	Evaluation of curriculum to be undertaken every 2 years with revision of curriculum to be undertaken every 3 years MoU with IIT, Delhi or IIT Guwahati One mentor for every 5 academically weak student identified Formation of guidance counsel with Principal as the Head
4	Better marketing of the Institute	• Adoption of better marketing strategies • More active participation in activities and competitions within and outside states • Exploration and visits to newer markets within the country and neighboring countries like Nepal and Bhutan • Conduction of National Level competitions	Institute to be made recognizable in every part of the Country	Participation in one (1) national level competition once a year Strategic partners to be identified for Nepal and Bhutan Marketing of the Institute in states like Gujarat, UP, Delhi, MP, Karnataka

5	Faculty and Staff training	• Focus on qualification upgradation of faculty members • Impetus towards Continuing education programmes • Improving Managerial and Administrative abilities of Heads of Institution, Heads of Departments, senior faculty and officials through specifically designed training programmes	Holistic development of faculty and staff for enhancing their efficiency and effectiveness for fulfilling the requirement of various projects under Institutional Development Sending faculty to short term courses and higher qualification courses, conferences, workshops for Upgradation of qualification, acquiring knowledge in emerging areas and industrial processes & improving teaching competence Sending Technical staff for acquiring technical knowledge Sending Administrative staff for acquiring office work and automation	Upgradation of all staff members having Diploma level qualification to B.Tech leverl Upgradation of remaining B.Tech level faculty to Masters level Upgradation of seven (7) faculty members possessing Master Degree to Ph.D All faculty and administrative staff members to attend at least 10 days of cumulative short term courses, with each course not less than 5 days, every year National level enrichment programs to be attended by Principal, HoDs, Administrative Managers and Senior faculty members

		• Importance to research and development	Industrial exposure and knowledge updation of faculty & staff Research culture to be developed in all faculty members Collaboration with industry, institutes of repute and research organization Increase in quality and number of publications	Enhanced publication 5 faculty to attend International conference/Symposia/Workshop 10 faculty to attend national level conference Organise one (1) pedagogy training every year One week of student interaction visit per year to regional Institute of repute
		• Focus on use of modern teaching techniques and student evaluation	Improvement in quality of teaching and training	
		• MoU with Institutes of repute	Regular interaction with IITs and NITs	

6	Focus on overall development of the students	• More impetus to be given for active student participation in extra curricular activities • Participation in State and National level competitions of all nature • Creating facilities for sports and other recreational activities • Active participation of students in the finishing school and employability skills programs	Holistic development of students for enhancing overall skills of the student in order to make the student excel in every aspect of their life	Sports week to be organized every year Cultural program to be conducted every year with active participation of all local level institutes Participation in two (2) state level sports and cultural meets Finishing school and employability skills programs to be made mandatory for all students

2.5 Action plan and Implementation Schedule : (max 1 page each for the objectives and activities planned under each head proposed by the Institute under the project) :

Implementation Schedule

Sl. No	Activities	Action Plan (Details to be given separately)			
		2013-14	2014-15	2015-16	*Appendix Number*
1	Starting new Diploma courses in Engineering discipline				II
2	Modernization and strengthening of existing laboratories				III
3	Establishment of new laboratories for existing and new Diploma courses				IV
4	Modernization of classrooms				V
5	Updating of learning resources				VI
6	Procurement of furniture				VII
7	Establishment / upgradation of Central and Departmental Computer Centres				VIII
8	Modernization / improvements of supporting departments				IX
9	Modernization and strengthening of libraries and increasing access to knowledge resources				X
10	Civil works				XI
11	Enhancement of R&D and institutional consultancy activities				XII
12	Faculty and Staff development for improved competency				XIII
13	Faculty Development for effective teaching.				XIV
14	Enhanced interaction with Industry				XV
15	Institutional management capacity enhancement				XVI
16	Implementation of institutional reforms				XVII
17	Academic support for weak, SC&ST Students				XVIII
18	Finishing School training				XIX
19	For ensuring that the project activities would be sustained after the end of the Project.				XX
20	Procurement Plan for the first 18 months for Goods and Civil Works and Consultant Services with budget and timeframe.				XXI
21	Any other information related to specific academic achievements of the institution				XXII

	Planning
	Planning & Implementation
	Implementation

2.6 Institutional Project Budget

Sl. No	Activities	Total Allocation	Yearly requirement		
			2013-14	2014-15	2015-16
1	Improvement in teaching, training and learning facilities through:	**2.5**	**0.95**	**1.05**	**0.5**
	(i) Starting new diploma programmes	0.05	0.05	Nil	Nil
	(ii) Modernization and strengthening of laboratories	0.6	0.3	0.3	Nil
	(iii) Establishment of new laboratories for existing diploma programme	0.15	0.15	Nil	Nil
	(iv) Establishment of new laboratories for new diploma programme.	0.32	Nil	0.03	0.29
	(v) Modernization of classrooms	0.2	0.1	0..05	0.05
	(i) Updation of Learning Resources	0.025	0.005	0.01	0.01
	(ii) Procurement of furniture	0.08	0.05	0.03	Nil
	(iii) Establishment/Up gradation of Central and Departmental Computer Centers	0.1	Nil	0.03	0.07
	(iv) Modernization/improvements of supporting departments	0.1	0.07	0.03	Nil
	(v) Modernization and strengthening of libraries and increasing access to knowledge resources	0.25	0.1	0.07	0.08
	(vi) Civil Works	0.625	0.125	0.5	Nil
2	Providing Teaching and Research Assistantships to increase enrolment in existing and new PG/Doctoral programmes in Engineering disciplines*	NA			
3	Enhancement of R&D and institutional consultancy activities	**0.2**	**0.04**	**0.08**	**0.08**
4	Faculty and Staff Development (including faculty qualification up gradation, pedagogical training, and organising/participation of faculty in workshops, seminars and conferences) for improved competence	**0.6**	**0.20**	**0.20**	**0.20**
5	Enhanced Interaction with Industry	**0.15**	**0.05**	**0.05**	**0.05**
6	Institutional Management Capacity enhancement	**0.1**	**0.03**	**0.03**	**0.04**
7	Implementation of institutional academic reforms	**0.2**	**0.05**	**0.07**	**0.08**
8	Academic support for weak , SC & ST students	**0.75**	**0.15**	**0.30**	**0.30**
9	Incremental Operating Cost	**0.5**	**0.155**	**0.165**	**0.18**
	i. Salary for new faculty & staff* **(Annexure XXV)**	0.36	0.12	0.12	0.12
	ii. Maintenance	0.04	0.005	0.015	0.02
	iii. Consumables & office expenses	0.05	0.015	0.015	0.02
	iv. Project Management costs (TA)	0.05	0.015	0.015	0.02
TOTAL		**5**	**1.51**	**1.89**	**1.6**

** For degree institutions only.*

SECTION 3

3. BASELINE DATA

3.1 Baseline Data (*all data given for the following parameters must be restricted to project disciplines/fields only*):

Sl. No	Parameters	As on 31/08/2013
1.	Total strength of students in all programmes and all years of study	597
2.	Total women students in all programmes and all years of study	98
3.	The transition rate of students in percentage from 1st year to 2nd year Course wise:	
	Diploma in Tool & Die Making	97
	Diploma in Mechatronics	97
	Diploma in Manufacturing Technology	97
	Diploma in Mechanical Engineering	97
	Diploma in Computer Engineering	97
4.	% of diploma students passed out with distinction (>75% marks)	10%
5.	% of UG students passed out with distinction (>75% marks)	NA
6.	% of postgraduates students passed out with distinction (>75% marks)	NA
7.	% of Diploma students placed through campus interviews	60%
8.	Average salary of placement package for (Rs. in lakh) for Diploma Students	1.44
9.	% of UG students placed through campus interviews	NA
10.	Average salary of placement package for (Rs. in lakh) for UG students	NA
11.	% of PG students placed through campus interviews	NA
12.	Average salary of placement package for (Rs. in lakh) for PG students	NA
13.	% Vacancy against AICTE requirement at Lecturer level	3%
14.	% Vacancy against AICTE requirement at Assistant Professor level	NA
15.	% Vacancy against AICTE requirement at Associate Professor level	NA
16.	% Vacancy against AICTE requirement at Professor level	NA
17.	% Vacancy against AICTE requirement at supporting staff level	NA

18.	Percentage of regular faculty having a Bachelors Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	70%
19.	Percentage of regular faculty having a Masters Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	30%
20.	Percentage of regular faculty having a Doctoral Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	Nil
21.	Enrolment of faculty with only Diploma for qualification up gradation	46%
22.	Number of research publications in Indian refereed journals	0
23.	Number of research publications in International refereed journals	4
24.	Number of co-authored publications in Indian refereed journals	0
25.	Number of co-authored publications in International refereed journals	0
26.	Number of patents obtained	0
27.	Number of patents filed	0
28.	Number of sponsored research projects completed	0
29.	Number of collaborative programmes with Industry	10
30.	Number of fully functional P-4 and above level computers available for students	140
31.	Total number of text books and reference books available in library for Diploma/UG and PG students (as applicable)	9948/7 journals
32.	Availability of e-journals	1
33.	Availability of Hostel/Auditorium /Tutorial rooms	2/1/8
34.	IRG from students fee and other charges (Rs. In lakh)	300
35.	IRG from externally funded R&D projects, consultancies (Rs. in lakh)	0.25
36.	Total IRG (Rs. in lakh)	3.5
37.	IRG as % of total annual recurring expenditure	83%
38.	Share of supported eligible programmes that are accredited or applied for	Nil

Note: *Academic year for academic data is* : *July – June*
Financial year for financial data is : *April – March*

SECTION 4

4. INDICATIVE PROJECT TARGETS

4.1 Targets to be achieved against each activity as per action plan and implementation schedule given under 2.5 of Section 2 to be defined in the table below:

Sl. No	Activities	Baseline data 2013 (Give date)	Targets to be achieved	
			At the end of two years of joining the Project	By Project Closing
1	Increase in Total strength of students in all programmes and all years of study	597	642	700
2	Increase in Total women students in all programmes and all years of study	98	128	140
3	Increase in The transition rate of students in percentage from 1st year to 2nd year course wise:			
	Diploma in Tool & Die Making	97	98	99
	Diploma in Mechatronics	97	98	99
	Diploma in Manufacturing Technology	97	98	99
	Diploma in Mechanical Engineering	97	98	99
	Diploma in Computer Engineering	97	98	99
4	Increase in % of diploma students passed out with distinction (>75% marks)	10%	15%	17%
5	Increase in % of UG students passed out with distinction (>75% marks)	NA	NA	NA
6	Increase in % of postgraduates students passed out with distinction (>75% marks) % of High quality of post graduates (>75% marks) passed out in the year 2008-09	NA	NA	NA
7	Increase in % of Diploma students placed through campus interviews	60%	70%	80%
8	Increase in Average salary of placement package for (Rs. in lakh) for Diploma Students	1.44	1.80	2.25
9	Increase in % of UG students placed through campus interviews	NA	NA	NA
10	Increase in Average salary of placement package for (Rs. in lakh) for UG students	NA	NA	NA
11	Increase in % of PG students placed through campus interviews	NA	NA	NA
12	Increase in Average salary of placement package for (Rs. in lakh) for PG students	NA	NA	NA

13	Filling up of % Vacancy against AICTE requirement at Lecturer level	3%	100%	100%
14	Filling up of % Vacancy against AICTE requirement at Assistant Professor level	NA	NA	NA
15	Filling up of % Vacancy against AICTE requirement at Associate Professor level	NA	NA	NA
16	Filling up of % Vacancy against AICTE requirement at Professor level	NA	NA	NA
17	Filling up of % Vacancy against AICTE requirement at supporting staff level	NA	NA	NA
18	Increase in Percentage of regular faculty having a Bachelors Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	70%	2%	10%
19	Increase in Percentage of regular faculty having a Masters Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	30%	10%	30%
20	Increase in Percentage of regular faculty having a Doctoral Degree in Engineering disciplines of total engineering faculty in place measured above baseline.	Nil	Nil	10%
21	Increase in Enrolment of faculty with only Diploma for qualification upgradation	46%	70%	80%
22	Increase in Number of research publications in Indian refereed journals	0	5	8
23	Increase in Number of research publications in International refereed journals	4	5	8
24	Increase in Number of co-authored publications in Indian refereed journals	0	2	4
25	Increase in Number of co-authored publications in International refereed journals	0	2	4
26	Increase in Number of patents obtained	0	1	2
27	Increase in Number of patents filed	0	1	2
28	Increase in Number of sponsored research projects completed	0	2	4
29	Increase in Number of collaborative programmes with Industry	10	14	16
30	Increase in Number of fully functional P-4 and above level computers available for students	140	30	50
31	Increase in Total number of text books and reference books available in library for Diploma/UG and PG students (as applicable)	9948/7 journals	600/10	1200/11
32	Increase in Availability of e-journals	1	3	4

33	Increase in Availability of Hostel/Auditorium /Tutorial rooms	2/1/8	2/1/10	2/1/12
34	IRG from students fee and other charges (Rs. In lakh)	300	323	351
35	IRG from externally funded R&D projects, consultancies (Rs. in lakh)	0.25	0.50	1.00
36	Increase in Total IRG (Rs. in lakh)	3.25	3.73	3.52
37	Increase in IRG as % of total annual recurring expenditure	83%	85%	87%
38	Increase in Share of supported eligible programmes that are accredited or applied for	Nil	1%	2%
39	Any other academic deliverables (maximum 3)			
	i).Community College	Nil	01	01
	ii) Increase in % of first attempt Pass	58.9	62	65

Note: *The accreditation targets for diploma, Undergraduate and Postgraduate programme are for accreditation by NBA /AICTE approved accrediting body.*

Appendix-I

FACULTY PROFILE

Name	:Group Captain S Purkayastha
Designation	:Principal
Nature of Appointment	:Deputation
Date of joining the government service	:23/01/2013
Educational qualifications	:B.E. (Electrical Engineering)
Teaching Experience	:1
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Sonam Palden Barfungpa
Designation	:HOD (G&CS)
Nature of Appointment	:Regular
Date of joining the government service	:16/04/1999
Educational qualifications	:B.E (Mechanical)/M.Tech IT
Teaching Experience	:14
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:1
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Lochan Adhikari
Designation	:HOD (M&MT)
Nature of Appointment	:Regular
Date of joining the government service	:16/04/1999
Educational qualifications	:B.E (Mechanical)/M.Tech (Mechatronics)
Teaching Experience	:14
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:1
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0 : 1

Appendix-I

FACULTY PROFILE

Name	:Bhaskar Sharma
Designation	:HOD (TD&ME)
Nature of Appointment	:Regular
Date of joining the government service	:18/08/2000
Educational qualifications	:B.E (Mechanical)/M.Tech (Manufacturing)
Teaching Experience	:13
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:1
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Rinchen G. Dorjee
Designation	:Senior Lecturer
Nature of Appointment	:Regular
Date of joining the government service	:18/01/2003
Educational qualifications	:B.Tech(Electrical) / Pursuing M.Tech (PE)
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Arjun Sharma
Designation	:Senior Lecturer
Nature of Appointment	:Regular
Date of joining the government service	:13/10/2003
Educational qualifications	:B. Tech (Electrical Engineering)/ Pursuing M.Tech (PE)
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Tenzing Dorjee Pradhan
Designation	:Senior Lecturer
Nature of Appointment	:Regular
Date of joining the government service	:13/10/2003
Educational qualifications	:B.E (Mechanical)/ Pursuing M.Tech (ME)
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:1

Appendix-I

FACULTY PROFILE

Name	:Jigmee Wangchuk Bhutia
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 11/4/2005
Educational qualifications	:B.E/Pursuing M.Tech (CSE)
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Deependra Chettri
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 5/7/2006
Educational qualifications	:B.E (E&TC)/Pursuing M.Tech (DE)
Teaching Experience	:7
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Rajiv Ranjan Trivedi
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 12/5/2006
Educational qualifications	:M.Sc (IT), B.Sc(Hons)
Teaching Experience	:7
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Noor Jahan Khatoon
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 12/5/2006
Educational qualifications	:MA, MCA, Pursuing Ph.D
Teaching Experience	:13
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:1
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Paden Rinchen
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 8/1/2007
Educational qualifications	:B.Tech (IT)/Pursuing M.Tech (CSE)
Teaching Experience	:6
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Sanjeev Newpaney
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 8/1/2007
Educational qualifications	:B.Tech (Electronic and Communication)/Pursuing M.Tech (PE)
Teaching Experience	:6
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Pramod Silal
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 8/1/2007
Educational qualifications	:B.Tech (Mechanical)/Pursuing M.Tech (ME)
Teaching Experience	:6
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Manashi Bhattacharjee
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 1/11/2008
Educational qualifications	:M Sc (Statistics)
Teaching Experience	:5
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Bidhan Adhikari
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 1/11/2008
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	:5
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Nirnaya Pradhan
Designation	:Lecturer - cum - System Analyst
Nature of Appointment	:Regular
Date of joining the government service	:19/01/2009
Educational qualifications	:B.Tech (Computer Science & Engineering)
Teaching Experience	:4
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Angila Tshering Bhutia
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 2/1/2012
Educational qualifications	:B.Tech (IT)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Shashi Shashank Trivedi
Designation	:Lecturer
Nature of Appointment	:Regular
Date of joining the government service	: 5/3/2012
Educational qualifications	:B.E (Mechanical)
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sabna Sharma
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	: 1/3/2013
Educational qualifications	:B.Tech (CSE)/Pursuing M.Tech (CSE)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Naw Raj Bhattarai
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	: 1/3/2013
Educational qualifications	:Diploma in Mechatronics/B.Tech (Electronic and Communication)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Biki Hang Subba
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	: 1/3/2013
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sabita Chettri
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	: 1/3/2013
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sameer Lamichaney
Designation	:Lecturer
Nature of Appointment	:Deputation
Date of joining the government service	:
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	:7
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Nima Donka Tamang
Designation	:Lecturer
Nature of Appointment	:Deputation
Date of joining the government service	:
Educational qualifications	:B.Tech (Electronics and Communication)
Teaching Experience	:5
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Cherryla Topden
Designation	:Lecturer
Nature of Appointment	:Deputation
Date of joining the government service	:
Educational qualifications	:B.Tech (Electronics and Communication)
Teaching Experience	:5
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Pempa Tashi
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	:15/3/2013
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Satish Pradhan
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	:22/01/2013
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Bhim Chuwan
Designation	:Lecturer
Nature of Appointment	:Contract
Date of joining the government service	:22/01/2013
Educational qualifications	:B.Tech (Mechanical)
Teaching Experience	
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Dhan Bahadur Gadaily
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 11/4/2005
Educational qualifications	:Diploma in Computer Science and Technology, Pursuing B.Tech
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Bhes Raj Sharma
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 1/11/2003
Educational qualifications	:Diploma in Tool & Die Making/Pursuing AMIE
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sangay Dorjee Bhutia
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 1/11/2003
Educational qualifications	:Diploma in Tool & Die Making/Pursuing B.Tech
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Son Tshering Lepcha
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 11/4/2005
Educational qualifications	:Diploma in Tool & Die Making/Pursuing B.Tech
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Rinzing Gyatso
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 11/4/2005
Educational qualifications	:Diploma in Tool & Die Making/Pursuing B.Tech
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Ganesh Dhakal
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 11/4/2005
Educational qualifications	:Diploma in Tool & Die Making/Pursuing B.Tech
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Dil Bahadur Tamang
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 12/5/2006
Educational qualifications	:Diploma in Mechatronics/(Pursuing B.Tech (EEE))
Teaching Experience	:7
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Dipak Sarkar
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 1/12/2008
Educational qualifications	:Diploma in Computer Engineering/ MScIT
Teaching Experience	:8
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Srijana Rai
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 1/12/2008
Educational qualifications	:Diploma in Electronics and Communication/(Pursuing B.Tech (EEE))
Teaching Experience	:9
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sonam Pintso Bhutia
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	: 1/2/2011
Educational qualifications	:Diploma in Electronic and Hardware Maintenance
Teaching Experience	:2
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Dadul Bhutia
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	:18/01/2003
Educational qualifications	:Diploma in Electrical Engineering
Teaching Experience	:10
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Ragap Chettri
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	:18/04/2013
Educational qualifications	:Diploma in Computer Science and Engineering
Teaching Experience	:
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

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FACULTY PROFILE

Name	:Sameer Rasaily
Designation	:Lab Instructor
Nature of Appointment	:Regular
Date of joining the government service	:18/08/2000
Educational qualifications	:Diploma in Mechanical Engineering
Teaching Experience	:13
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix-I

FACULTY PROFILE

Name	:Jigmee Machangpa
Designation	:Lab Instructor
Nature of Appointment	:Deputation
Date of joining the government service	:23/07/2013
Educational qualifications	:B.Tech (CSE)
Teaching Experience	:5
Research Experience	:0
Industrial Experience	:0
Research Publications in Refereed Indian journals	:0
Research Publications in Refereed International journal	:0
Books published	:0
Ph D students guided	:0
Patents applied	:0
Patents awarded	:0
Papers Presented in International Conferences	:0
Industrial consultancy projects Undertaken during last five years	:0
Memberships of professional Societies	:0

Appendix II

Action Plan																		
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**												
						2013-14				**2014-15**				**2015-16**				
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
1	Starting new Diploma courses in Engineering discipline	Feasibility study for choice of course	All HoDs, AI	Market Survey, Data collection	0.05												
		Preparation of curriculum	Principal, All HoDs, AI	Industry collaboration													
		Resource Planning	Principal, All HoDs, AI	Approved Curriculum													
		Approval Process	Principal, Manager (Admin)	AICTE mandates													
		Advertisement	Admission Committee	AICTE approval													
		Course work	Principal, Concerned HoD, AI	All required infrastructure for the course													
Note			**1. Programme to be started is Diploma In Civil Engineering (Annexure XXVI)**															
Specific Outcomes			1. Increase in number of Diploma Programs to 6 2. Increase in number of local students from present 42% to 45%															

Appendix III

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10 - 12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
2	Modernization and strengthening of existing laboratories **Laboratories identified are 1. Power Electronics Lab 2. CIM Lab 3. Machine shop Practice lab 4. *Computer Lab 1**	Identification of old outdated equipment	Respective HoDs and Incharges	Equipment list and their history chart	0.6												
		Market research and study	Respective Incharges	List of manufacturers and vendors													
		Identification of latest equipments required as per curriculum	HoDs and Respective Incharges	List of latest equipments													
		Preparation of Bid documents and call for bid	Respective incharges, HoDs and AI	Equipment Specifications													
		Preparation of bid evaluation report and award of contract	Respective Incharges, Purchase Committee, AI	Bids received													
		Commissioning	Selected vendors	As required in the contract													
Note		**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**															
Specific Outcomes		1. Removal of Obseletion of equipments 2. Exposure to students in the latest technologies and availability of better training facilities to students 3. Replacement of old computers and Upgradation of Power Electronics Lab															

Appendix IV

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
3	Establishment of new laboratories for existing and new UG and PG courses **Laboratories identified are** **1. Robotics Lab** **2. Survey Lab** **3. Soil Testing Lab** **4. Hydraulics and Fluid Mechanics lab**	Identification of latest equipments required as per curriculum	HoDs and Respective Incharges	List of latest equipments	0.47												
		Market research and study	Respective Incharges	List of manufacturers and vendors													
		Prepartion of Bid documents and call for bid	Respective incharges, HoDs and AI	Equipment Specifications													
		Preparation of bid evaluation report and award of contract	Respective Incharges, Purchase Committee, AI	Bids received													
		Commissioning	Selected vendors	As required in the contract													
Note			**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**														
Specific Outcomes			1. Exposure to the studetns to robotics 2. Availability of better training facilities to students														

Appendix V

Action Plan																
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**										
						2013-14				**2014-15**				**2015-16**		
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
4	Modernization of classrooms **Upgradation of 6 existing and 1 out of 3 new classrooms to be made state of the art and 1 Drawing Hall List of items :- Smart Boards, LCD projectors, Video and Audio Conferencing system, Smart TV**	Finalisation of equipments required	All HoDs, AI	Market Study of classroom equipments	0.20											
		Market research and study	Purchase Committee	List of manufacturers and vendors												
		Identification of vendors and call for bids	Purchase Committee	List of approved vendors												
		Purchase and commissioning	Purchase Committee, Awarded vendors	As required in the contract												
Note			**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**													
Specific Outcomes			1. Classroom to be smart and conducive to better teaching learning experience 2. Drawing hall to be upgraded with better facilities													

Appendix VI

Action Plan																		
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**												
						2013-14				**2014-15**				**2015-16**				
						1 - 3	**4 - 6**	**7 - 9**	**10 - 12**	**13 - 15**	**16 - 18**	**19 - 21**	**22 - 24**	**25 - 27**	**28 - 30**	**31 - 33**	**34 - 36**
5	Updating of learning resources **List of items:- Models, Charts, Manuals, Learning CDs**	Finalisation of equipments required	All HoDs, AI	Market Study of classroom equipments	0.025												
		Market research and study	Purchase Committee	List of manufacturers and vendors													
		Identification of vendors and call for bids	Purchase Committee	List of approved vendors													
		Purchase and commissioning	Purchase Committee, Awarded vendors	As required in the contract													
Note			**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**															
Specific Outcomes			1. Upgradation of present classrooms to better teaching learning experience 2. Availability of resources for modern day Teaching Learning system															

Appendix VII

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
6	Procurement of furniture	Study of present and future requirement of furniture	All HoDs, AI	Infrastructure and student strength	0.08												
		Market survey	Purchase Committee	List of manufacturers and vendors													
		Identification of vendors and call for bids	Purchase Committee	List of approved vendors													
		Purchase and commissioning	Purchase Committee, Awarded vendors	As required in the contract													
Note			**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**														
Specific Outcomes			1. Replacement of furniture to better furniture 2. Increase in comfort level of students														

Appendix VIII

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
7	*Establishment / upgradation of Central and Departmental Computer Centres - **list as per appendix XXI (Equipments)**	Identification of specifiations required	HoD (Computers), System Analyst, Respective Incharges	Requirement as produced by respective departments	0.10												
		Identification of vendors and call for bids	Purchase Committee	List of approved vendors													
		Purchase and commissioning	Purchase Committee	As required in the contract													

S. N	**Type of System**	**Quantity**	**Area required**		**Justification**	**Purchase time frame**	
1	**Desktop**	**8**	**HOD (G&CS)**	**1**	**Formation of Departmental Centre**	**2013-14**	
			HOD (M&MT)	**1**			
			HOD (TD&ME)	**1**			
			Exam Cell	**2**	**Replacement and strengthening**	**2013-14**	**2014-15**
			Administration & Finance	**3**		**2013-14**	**2014-15**
2	**Laptops**	**5**	**HODs and AI**	**1 each**		**2014-15**	**2015-16**
Specific Outcomes			1. Establishment of Departmental Centre 2. Strengthening of existing equipments of administrative section				

Appendix IX

Action Plan																		
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**												
						2013-14				**2014-15**				**2015-16**				
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
8	Modernization/ improvements of supporting departments Areas identified- **1. Strengthening of Science Lab 2. Setup of language lab**	Identification of needs of the department	Respective HOD, AI and Incharges	Curriculum	0.1													
		Selection of list of resources																
		Identification and vendors and call for bid	Purchase Committee, Respective Incharges and Vendors	List of vendors														
		Purchase and commissioning		As per contract														
Note			**1. List of equipments and their specifications are given in Appendix XXI (Equipments)**															
Specific Outcomes			1. Strengthening of Supporting departments 2. Establishment of Language lab															

Appendix X

<table>
<tr><th colspan="15">Action Plan</th></tr>
<tr><th rowspan="3">Sl. No</th><th rowspan="3">Activities</th><th rowspan="3">Specific activities</th><th rowspan="3">Responsibility</th><th rowspan="3">Resources required</th><th rowspan="3">Budgetary allocation (in crores)</th><th colspan="9">Project Period</th></tr>
<tr><th colspan="4">2013-14</th><th colspan="4">2014-15</th><th colspan="4">2015-16</th></tr>
<tr><th>1-3</th><th>4-6</th><th>7-9</th><th>10-12</th><th>13-15</th><th>16-18</th><th>19-21</th><th>22-24</th><th>25-27</th><th>28-30</th><th>31-33</th><th>34-36</th></tr>
<tr><td rowspan="3">9</td><td rowspan="3">Modernization and strengthening of libraries and increasing access to knowledge resources Also to be procured under the activity is a central database storage server and computer systems – list as per appendix XXI (Equipments)</td><td>Identification of list of books and journals to be subscribed</td><td>Librarian, All HODs</td><td>List of books as per curriculum</td><td rowspan="3">0.25</td><td colspan="12"></td></tr>
<tr><td>Call for quotation</td><td>Librarian</td><td>List of suppliers</td><td colspan="12"></td></tr>
<tr><td>Procurement of books and subscription</td><td>Librarian, Purchase Committee</td><td>Selected supplier</td><td colspan="12"></td></tr>
<tr><th>S. N</th><th>Type of System</th><th>Quantity</th><th colspan="2">Area required</th><th colspan="2">Justification</th><th colspan="8">Purchase time frame</th></tr>
<tr><td>1</td><td>Desktop</td><td>15</td><td colspan="2">Library</td><td colspan="2" rowspan="2">Digitization of the existing library</td><td colspan="4">2013-14</td><td colspan="4">2014-15</td></tr>
<tr><td>2</td><td>Server</td><td>1</td><td colspan="2">Library</td><td colspan="8">2013-14</td></tr>
<tr><td colspan="3">Specific Outcomes</td><td colspan="12">1. Modernization of existing library
2. Availability of resources for Research and Development
3. Increase in accessibility of the books owing to digitization 24 hours a day
4. Increase in journals and ebooks</td></tr>
</table>

Appendix XI

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
10	Civil works	Repair Works - Repair of existing Drawing Hall **(Annexure XIII)**	All HODs, Manager (Admin)	Approved plan, estimates and raw materials	0.05*												
		Refurbishment works - change in layout of Reading/Pharma room **(Annexure XIV)**	All HODs, Manager (Admin)		0.05*												
		Extension to Existing Building - Extension on Terrace of administrative block and construction of gallery and CNC block in Multiputpose hall **(Annexure XV)**	All HODs, Manager (Admin)		1.52*												
***Special Note**			1. Kindly note that the total expenses for the civil construction is in tune of Rs. 1.62 crores 2. The Institute is well aware that the budgetary allocation in the NEQIP is Rs. 0.625 crores and only the said amount will be utilized from the project and the remaining will be managed from within the Institute finances														
Specific Outcomes			1. Increase in built up area by 864 sq. m. 2. Availability of Infrastructure for new and existing laboratories 3. Increase in number of classrooms to 10 4. Upgradation of existing facilities in multipurpose hall														

Appendix XII

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
11	Enhancement of R&D and institutional consultancy activities	Survey and selection of Collaborating Industry	Principal, All HoDs, TPO	List of relevant Industries	0.20												
		*Seeking Proposals	Principal, All HoDs, TPO	List of Industries collaborating and relevant proposals													
		Finalisation of proposals	Principal, All HoDs, TPO	List of relevant proposals													
		Execution	Respective Incharges	As per the proposal													
***Special Note**			**1. The Institute is in talks with Electronics group for a collaboration on research on WireEDM which is a part of a thesis of Mr. Tenzing Dorjee Pradhan, Sr. Lecturer** **2. As a part of a major project of the final year DME students, they had developed a semi – automatic corn seed removal machine and is under development.**														
Specific Outcomes			1. Enhancement in Industry Institute partnership 2. Exposure to live projects 3. Development of culture of Research and Development 4. Increase in revenue from Research and Consultancy projects														

Appendix XIII

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
12	Faculty and Staff development for improved competency	Qualification Upgradation	BoG, Principal, All HoDs, AI	Resource Institute	0.6												
		Short term courses	BoG, Principal, All HoDs, AI	Resource Institute													
		Continuing education program	BoG, Principal, All HoDs, AI	Approval of appropriate program													
		Participation in Seminars, Conferences and Workshops	BoG, Principal, All HoDs, AI, Faculty Members	Research work of faculty members													
		Training for technical staff	BoG, Principal, All HoDs, AI	Resource Institute													
		Training for Administrative staff	BoG, Principal, All HoDs, Manager (Admin)	Resource Institute													
Note			1. Sample of form for Identification of training needs - **Annexure XVI** 2. Training calendar for faculty and technical staff members – **Annexure XXIII**														
Specific Outcomes			1. Upgradation of qualification of 90% of regular faculty members to higher level 2. Higher proficiency of administrative staff members 3. Enhancement in teaching skills of all faculty members														

Appendix XIV

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
13	Faculty Development for effective teaching.	Selection of staff members for basic pedagogy training	Principal, All HoDs, AI	List of staff members, student feedback	**Combined allocation with Sl. No. 12 Appendix XIII**												
		Identification of Resource Institute	All HoDs, AI	List of resource Institute													
		Conduction of training	Resource Institute	As per requirement													
		Selection of staff members for advanced pedagogy training	Principal, All HoDs, AI	List of staff members, student feedback													
		Identification of Resource Institute	All HoDs, AI	List of resource Institute													
		Conduction of training	Resource Institute	As per requirement													
Specific Outcomes			1. Higher proficiency of teaching 2. More effective teaching learning experience														

Appendix XV

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
14	Enhanced interaction with Industry	Identification of Industry partners	BoG, Principal, TPO	List of probable Industry partners	0.15												
		Initiation of talks	TPO	Selected Industry partners													
		Formalisation of MoU	BoG,Principal, TPO														
		Initiation of the objectives of MoU	Principal, All HODs, AI, TPO	MoU with Industry													
Note			1. **Detailed report in Annexure XVII** 2. Budget plan														
Specific Outcomes			1. Enhancement in Interation with Industry at various levels including curriculum development, Research and consultancy work, finishing school programs 2. Increase in the proficiency level of students for increased employability and employment														

Appendix XVI

Action Plan																	
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**											
						2013-14				**2014-15**				**2015-16**			
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
15	Institutional management capacity enhancement	MIS Software development and upkeep	HoD (G&CS)	Software development team	0.10												
		Identification of training areas	BoG, Principal, All HODs, AI, Senior Faculty Members	Skill Matrix, Feedback from all faculty and staff members and students													
		Identification of Resource Institute	Principal, AI	List of resource Institute													
		Conduction of training	Resource Institute	As per requirement													
Note			1. Training schedule for management and administrative staff members – **Annexure XXIV** 2. Budgetary allocation for MIS software development and upkeep is Rs. 0.003 crores														
Specific Outcomes			1. Efficient management 2. Improving the abilities of all senior officials														

Appendix XVII

Action Plan																
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**										
						2013-14				**2014-15**				**2015-16**		
						1-3	**4-6**	**7-9**	**10-12**	**13-15**	**16-18**	**19-21**	**22-24**	**25-27**	**28-30**	**31-33**	**34-36**
16	Implementation of institutional reforms	Curriculum Reforms	BoG, Principal, All HoDs, AI	Feebbacks, model curriculum	0.20												
		Student Evaluation	Principal, Exam Cell	Time schedule and evaluation formats													
		Staff performance appraisal	Principal, ALL HoDs														
		Faculty Incentive for CE and R & D	BoG, Principal, Manager (Admin)	As per Service Rule of the Institute													
		Accretation of eligible programs	NBA Coordinator	As per requirement of NBA													
		Exercise of autonomy (Already exists)	BoG, Principal, All HODs	As per requirement													
		Generation, Retentions & Utilization of IRG	BoG, Principal, Finance Section	Approval of BoG													
		Filling of existing vacancies	BoG, Principal, All HODs, AI	Need analysis													
		Delegation of decision making powers	BoG, Principal, All HODs	Official mandate													
Specific Outcomes			1. Better quality of curriculum addressing present day needs 2. Enhanced morale of staff by way of incentives and positive outlook towards research and IRG generation 3. Built up of funds for better sustainability														

Action Plan																		
Sl. No	**Activities**	**Specific activities**	**Responsibility**	**Resources required**	**Budgetary allocation (in crores)**	**Project Period**												
						2013-14				**2014-15**				**2015-16**				
						1 - 3	**4 - 6**	**7 - 9**	**10 - 12**	**13 - 15**	**16 - 18**	**19 - 21**	**22 - 24**	**25 - 27**	**28 - 30**	**31 - 33**	**34 - 36**
17	Academic support for weak, SC&ST Students	Identification of students	Examination Cell, All HoDs	Past and present performances	0.75												
		Mentoring system	Principal	List of students													
		Tutorial classes	AI	Time schedule													
		Evaluation	Mentors	Evaluation format													
Specific Outcomes			1. Better performance of academically weak students 2. Increase in percentage of students clearing all subjects in first attempt by 10% within first two years and by 15% by end of project 3. Better monitoring of students															
18	Finishing School training	Identification of resource Industry for enhancement in technical skills	Principal, TPO	MoU with Industry	combined allocation with Sl. No. 17 Appendix XVII													
		Conduction of program	TPO	Resource Industry														
		Conduction of Employability Skills Enhancement programs	Principal, AI	Resource Institute														
Specific Outcomes			1. Increased employability and employment of students 2. Increase in average salary of students getting employed															

Equity Action Plan given as Annexure XVIII

Appendix XX

<table>
<tr><th colspan="16">Action Plan</th></tr>
<tr><th rowspan="3">Sl. No</th><th rowspan="3">Activities</th><th rowspan="3">Specific activities</th><th rowspan="3">Responsibility</th><th rowspan="3">Resources required</th><th rowspan="3">Budgetary allocation (in crores)</th><th colspan="10">Project Period</th></tr>
<tr><th colspan="4">2013-14</th><th colspan="4">2014-15</th><th colspan="4">2015-16</th></tr>
<tr><th>1-3</th><th>4-6</th><th>7-9</th><th>10-12</th><th>13-15</th><th>16-18</th><th>19-21</th><th>22-24</th><th>25-27</th><th>28-30</th><th>31-33</th><th>34-36</th></tr>
<tr><td rowspan="5">19</td><td rowspan="5">For ensuring that the project activities would be sustained after the end of the Project.</td><td>Approval for establishing of four funds</td><td rowspan="5">BoG, Principal, D&DO, Manager (Finance)</td><td>Rules and Regulations</td><td rowspan="5">NA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>*Corpus fund</td><td rowspan="2">Already existing</td><td colspan="12">NA</td></tr>
<tr><td>*Faculty Development Fund</td><td colspan="12">NA</td></tr>
<tr><td>Equipment Replacement Fund</td><td rowspan="2">Approval of BoG</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Maintenance Fund</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">Note</td><td colspan="13">* Notification for formation of fund - Annexure IV</td></tr>
<tr><td colspan="3">Specific Outcomes</td><td colspan="13">1. Increased employability and emloyment of students
2. Increase in average salary of students getting employed</td></tr>
</table>

20. Procurement Plan for the first 18 months for Goods and Civil Works and Consultant Services with budget and timeframe.

Package No	Sl. No.	Activities	Name of Works/Goods	Description of Works/Goods	Quantity	Estimated Cost (Rs. In crores)	Time frame for start of activity	Design/Investigation/Completion/Specification	Estimate Sanctioned (Time period)	Preparation of Bid Document/Tender Specifications etc	Invitation to bids	Opening of bids	Time period for completion of supply
1	2	3	4	5	6	7	8	9	10	11	12	13	14
I	1	Modernization and strengthening of laboratories	Power Electronics Lab	Trainer Kit for Switching devices	8	0.06	Jan-14	Within one month from start of activity	Within 7 days from 9	Within 15 days of 10	Within 5 days of 11	Within one month from 12	As specified in the bid/tender document with a maximum period of 3 months from award of contract
	2			Trainer Kit for motor controls	5	0.0425	Jan-14						
	3			Trainer Kit for sensing devices & Signal conditioning	5	0.0475	Jan-14						
	4		Machine Shop Practice	Knee type vertical milling machine- with standard accessories and tools	1	0.1	Apr-14						
	5			Drilling machine column type, with back gear assembly -. with standard accessories and tools	4	0.054	Apr-14						
	6		CIM Lab	Automatic Guided Vehicle	1	0.05	Jan-14						
	7			Robotic Manipulator	1	0.05	Jan-14						

	8			Robotic trainer Kit	2	0.05	Jan-14						
	9		Computer Lab 1	UPS 15 KVA	1	0.0255	Apr-14						
	10			Workstation	30	0.1055	Apr-14						
	11			AC for Computer lab	3	0.015	Apr-14						
II	1	Establishment of new laboratories for existing diploma programs	Robotics Lab	3 DOF Robo	2	0.07	Jan-14						
	2			Robotic Software	1	0.05	Jan-14						
	3			Spherical Robo	2	0.03	Jan-14						
III	1	Establishment of new laboratories for new diploma programs	**Labs for Diploma in Civil Engineering**	1. Material and soil Testing lab **(details in Annexure XX)**	1 set	0.114	Apr-16						
	2			2. Hydraulics and Fluid Machines lab **(details in annexure XIX)**	1 set	0.03	Apr-14						
				3. Drawing Lab **(details in annexure XXI)**	1 set	0.104	Apr - 15						
	3			**4.** Survey Lab (**details in annexure XXII)**	1 set	0.072	Apr-16						

IV	1	Modernization of classroom	Projector	1500 lumens	5	0.047	Apr-16						
			Projector	1500 lumens	4	0.038	Jan-14						
			Smart Boards		3	0.04	Jan-14						
	2		Smart Boards		3	0.04	Apr-14						
	3		Video and Audio Conferenceing	VSAT link	1	0.02	Jan-14						
	4		Smart TV	Touchscreen	1	0.015	Jan-14						
V	1	Updation of learning resources	Cut models	For all departments		0.005	Jan-14						
	2		Cut models	For all departments		0.005	Apr-14						
			Cut models	For all departments		0.005	Apr-15						
	3		Manuals & Learning CDs	Laboratory manuals & subject related		0.004	Apr-14						
			Manuals & Learning CDs	Laboratory manuals & subject related		0.003	Jan-14						
	4		Charts			0.003	Staggered						
VI	1	Procurement of furniture	Class room benches	Bench and Desk	100	0.03	Apr-14						
	2		Drawing hall desk and benches	Wooden	50	0.05	Jan-14						
VII	1	Establishment/Upgradation of Central and Departmental Computer Centres	Computers	Desktop	4	0.016	Apr-15						
	2		Computers	Desktop	4	0.016	Apr-15						
	3		Laptops	Ultrabook	3	0.015	Apr-15						

	4		Laptops	Ultrabook	2	0.01	Apr-15						
	5		Printer	Colour deskjet	4	0.0045	Apr-15						
	6		Photocopy machine	Booklet printing system	1	0.0385	Apr-14						
VIII	1	Modernization and strengthening of supporting departments	Strengthening of Science Lab	Basic quantity measuring Instruments, kits for performing fundamental laws	Set of 3	0.02	Jan-14						
	2				Set of 7	0.03	Apr-14						
	3		Setup of Language lab	Software and Accessories required	50	0.05	Jan-14						
IX	1	Modernizationa and strengthening of libraries and increasing access to knowledge areas	Subscription to journals	Springer and Science Direct Subscription and Francis(Approx 1 to 1.5 lacs for each subscription for three years)	3	0.1	Jan-14 to Jan 16						
	2		Purchase of books and E-books	200 books per branch	1200	0.035	Jan-14 to Jan 16						
	3		Computer systems	Standard PC	15	0.045	Apr-14						
	4		Storage Server	IBM Server for storage	1	0.025	Jan-14						
	5		UPS	15KVA	1	0.025	Jan-14						
X	1	Formation & Functioning of IIIC	Laptop	4GBRAM/I TB HDD/15" led	2	0.01	Jan-14						
	2		Desktop	4GBRAM/I TB HDD/22" led	2	0.01	Jan-14						

	3		Fax Machine		1	0.002	Jan-14						
	4		Network Printer	Laser Duplex type with high volume printing	1	0.015	Jan-14						
	5		Colour Scanner/Printer	High Resolution	1	0.002	Jan-14						
	6		Photocopier	Minimum 15ppm	1	0.006	Jan-14						
	7		Dedicated broadband and telephone connection	1Mbps dedicated line	1	0.005	Jan-14						

Kindly note that mode of purchase for items less than Rs. 0.01 crores are to be made as local and regional tendering and all other purchases are under either NCB or DGS&D rate contracts

Appendix XXI - part 2 (Civil works)

20. Procurement Plan for the first 18 months for Goods and Civil Works and Consultant Services with budget and timeframe.								
Sl. No	**Type of work**	**Description of work**	**Justification**	**Particulars**	**Estimate**	**Manner of work (Departmental /Contract /Both)**	**Period for Start of work**	**Estimated completion period**
1	Repair	Repair of existing drawing hall	The existing drawing hall is in bad shape owing to seepage of water and damage of flooring and needs extensive repair works	Flooring	0.03	Departmental	December 2013	1 month from start of activity
				Repair of roofing	0.01			
				Repair of windows & furnishing	0.01			
2	Refurbishment work	Change in layout of reading/pharma room	The existing room is a large open space which can be better utilised by partioning it and creating 3 new rooms of it	1/3 Glazed Aluminium partition	0.02			
				Furnishing and Electrical Fittings	0.03			
3	Extension of Existing Building	Extension on terrace of administrative block	The total area for the administrative section of the Institute is only 2.00 acres out of which there already are existing structures and landscapes and thus there is a dire shortage for constructible land and the only option left (until land is purchased) is to build extensions on the existing blocks and hence the proposal	Annexure XV	0.76	Departmental	December 2013	6 month from start of activity
		Construction of viewing gallery and machine room in Multipurpose hall			0.75			

Kindly note that the total expenditure for construction is Rs. 1.61 crores out of which Rs. 0.625 crores would be utilized from the NEQIP funding and the remaining Rs. 0.985 crores would be utilized from the Institutes own resources

21. Information related to specific academic achievements of the institution

1. Papers Published by faculty members

a) **Mr. Sonam Palden Barfungpa – Energy Efficient Cluster based routing Protocol for Wireless Sensor Network – Digital Object Identifier 11.1109/ICCCE-2012, IEEE Conference Publication 627/258**

b) **Mr. Lochan Adhikari – Parametric Programming for Drilling holes in polar array, ICADM 2007**

c) **Mr. Bhasker Sharma – Experimental investigation into pulse ND-YAG laser micro turning of Engineering Ceramincs, Advanced Material Research Vol 264-265 (2011). PP 2318-1323**

d) **Ms. Noor Jahan Khatoon – Multimodal Biometrics : A review – International Journal of Computer Science & Information Technology & Security : ISSN: 2249-9555, Vol 3, No 3, June 2013**

2. Placement:-

a) First Institute (Diploma and Degree) to be approached by Harley Davidson Motor Co. for campus recruitment with regular recruitment of students.

b) First Institute in North East to have students placed in Maruti Suzuki Pvt. Ltd.

c) First Institute in North East to have students placed in Arcelor Mittal

d) Placement of students starts from 2nd year of Diploma.

Placement record of students since last 3 years

Year - 2011

Sl. No.	Diploma Program	Total eligible students	Total students placed	Average salary	Any other remarks
1	**Tool & Die Making**	**22**	**15**	**7000**	
2	**Mechatronics**	**17**	**12**	**8000**	
3	**Manufacturing Technology**	**16**	**11**	**5000**	
4	**Mechanical Engineering**	**16**	**11**	**7000**	
5	**Computer Engineering**	**7**	**3**	**5000**	

Year - 2012

Sl. No.	**Diploma Program**	**Total eligible students**	**Total students placed**	**Average salary**	**Any other remarks**
1	**Tool & Die Making**	**25**	**13**	**10000**	
2	**Mechatronics**	**28**	**19**	**12000**	
3	**Manufacturing Technology**	**23**	**11**	**7000**	
4	**Mechanical Engineering**	**23**	**6**	**8000**	
5	**Computer Engineering**	**20**	**8**	**8000**	

Year - 2013

Sl. No.	**Diploma Program**	**Total eligible students**	**Total students placed**	**Average salary**	**Any other remarks**
1	**Tool & Die Making**	**22**	**8**	**12000**	
2	**Mechatronics**	**17**	**8**	**13000**	
3	**Manufacturing Technology**	**15**	**10**	**9000**	
4	**Mechanical Engineering**	**17**	**10**	**12000**	
5	**Computer Engineering**	**12**	**4**	**10000**	

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. Eastern/1-1376481722/2013/EOA

Date: 25-Apr-2013

To,
The Secretary (Education),
Govt. of Sikkim, Tashiling,
Sectt., Annexe Gangtok-737101

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-1376481722
		Permanent Id	1-474220803
Name of the Institute	ADVANCED TECHNICAL TRAINING CENTRE	Institute Address	NH 31A,BARDANG, SINGTAM, EAST SIKKIM, Sikkim, 737134
Name of the Society/Trust	ADVANCED TECHNICAL TRAINING CENTRE	Society/Trust Address	NH-31A,BARDANG,EASTSIKKIM,SINGTAM,EAST SIKKIM,Sikkim,737134
Institute Type	Govt aided		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Application Id: 1-1376481722			Course		Affiliating Body				
Program	Shift	Level		Full/Part Time		Intake 2012-13	Intake Approved for 13-14	MN	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	DIPLOMA	COMPUTER ENGINEERING	FULL TIME	Directorate of Technical Education, Sikkim	45	45	No	Yes	No

Application Number: 1-1376481722*

Note: This is a Computer generated Extension of Approval Letter, No signature required.

Letter Printed On:25 April 2013.

Printed By : AIC003374

ATTESTED
PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-1378481722

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	DIPLOMA	MANUFACTURING TECHNOLOGY	FULL TIME	Directorate of Technical Education, Sikkim	45	45	No	Yes	No
ENGINEERING AND TECHNOLOGY	1st Shift	DIPLOMA	MECHANICAL ENGINEERING	FULL TIME	Directorate of Technical Education, Sikkim	45	45	No	Yes	No
ENGINEERING AND TECHNOLOGY	1st Shift	DIPLOMA	MECHATRONICS	FULL TIME	Directorate of Technical Education, Sikkim	45	45	No	Yes	No
ENGINEERING AND TECHNOLOGY	1st Shift	DIPLOMA	TOOL & DIE MAKING	FULL TIME	Directorate of Technical Education, Sikkim	45	45	No	Yes	No

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that ADVANCED TECHNICAL TRAINING CENTRE shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidevit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)
Member Secretary, AICTE

Application Number: 1-1378481722*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:25 April 2013.

Printed By : AIC003374

ATTESTED
PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

DIRECTORATE OF TECHNICAL EDUCATION
HUMAN RESOURCE DEVELOPMENT DEPARTMENT
GOVERNMENT OF SIKKIM
TASHILING, GANGTOK – 737103

No. GOS/DTE/2013/Temp/1307/61 Dated 9/09/13

Office Order

The following Board of Governors under the AICTE sponsored NEQIP for Advanced Technical Training Centre (ATTC), Bardang, East Sikkim is hereby identified :-

SL NO	Governors	Criteria	Nomination	Nominated Name
1	Chairman	Preferably be a technical person either entrepreneur of an industrialist or an educationist of repute who is interested in development of technical education	Registered Society/ Trust/Government.	Mr. K.N.Bhutia Retd. Secy, GoS
2	Member-Secretary	Principal / Director of the concerned technical Institution	Registered Society/ Trust/Government	Group Captain Shubhankar Purkayastha Principal, ATTC
3	Member		Registered Society / Trust/Government	Mr. S.Pradhan Addl. CE, HRDD
4	Member		Registered Society / Trust/Government	Jt. Director (East), HRDD, GoS
5	Member		Registered Society / Trust/Government	Mr. S.D. Dhakal Chief Administrator, SICB, GoS
6	Member	industrialist / technologist / educationist from the Region	Regional committee	Mr. G.S. Lama (Retd) Chief Engineer or Mr. P.N. Tamang (Retd) Spl. Secy.
7	Member	Body/University/State Board of Technical Education	State Board of Technical Education	Mr. O.P. Sapkota Jt. Director, DTE, HRDD, GoS
8	Member	State Government – Director of Technical Education	State Government	Shri. D.K. Pradhan Director, Technical Education, HRDD, GoS

Directorate of Technical Education, Govt. of Sikkim
Phone: 03592-221610; Fax: 221611, Email: techeduskm@gmail.com

HUMAN RESOURCE DEV. DEPTT. GOVT. OF SIKKIM

9	Member	regular staff of institute one at the level of Professor and one at the level of Assistant Professor	Member-Secretary	Sonam Palden Barfungpa, HOD/VP, ATTC
10	Member	regular staff of institute one at the level of Professor and one at the level of Assistant Professor	Member-Secretary	Tenzing Dorjee Pradhan, Sr. Lecturer, ATTC
11	Member		All India Council for Technical Education	Rep., Regional Director, Camp Office, Guwahati

D.K. Pradhan, SCS
Director, Technical Education.

HUMAN RESOURCE DEV. DEPTT. GOVT. OF SIKKIM

Gmail by Google

Tenzing Pradhan <tenzingpradhan@gmail.com>

Fwd: SYLLABUS REVISION FOR FIRST AND SECOND SEMESTER ,ATTC

1 message

ATTC BARDANG <attc.skmpoly@gmail.com> Fri, Aug 30, 2013 at 12:19 PM
To: principal technical <principalattc12@gmail.com>, Sonam Barfungpa <palden73@gmail.com>, Tenzing Pradhan <tenzingpradhan@gmail.com>, angila t <angilat@gmail.com>

---------- Forwarded message ----------
From: **K Venugopal** <kv@nttf.co.in>
Date: Wed, Aug 28, 2013 at 4:13 PM
Subject: RE: SYLLABUS REVISION FOR FIRST AND SECOND SEMESTER ,ATTC
To: ATTC BARDANG <attc.skmpoly@gmail.com>
Cc: "N.ARULSELVAN" <nas@nttf.co.in>, louis@nttf.co.in, Latif V A - CCCT <LatifVA@nttf.co.in>

Dear all,

NTTF agrees to this syllabus and the same can be printed and documented.

Please make it effective immediately.

A strong observation is that the syllabus coverage is for 18 weeks per semester.

Min, 2 weeks of engagement by way of library work, assignments and projects need be made and attached as a part of syllabus. Centre need have 20 weeks of engagement excluding exams, holidays

Recently, NTTF has created a series of topics for assignments of trainees and the same can be shared with ATTC, CCCT.

We need share this during the next review meeting.

Also, we suggest the principals and Vice principals , to plan the annual staff training requirements both in-house and outstation. This is the time to do such training.

NTTF offer technical as well as TOT programmes for the staff, either at Bangalore or at the campus. Please put forward the demands from ATTC AND CCCT,

---

From: ATTC BARDANG [mailto:attc.skmpoly@gmail.com]
Sent: 23 August 2013 10:05
To: kv@nttf.co.in
Subject: SYLLABUS REVISION FOR FIRST AND SECOND SEMESTER ,ATTC

DIRECTORATE OF TECHNICAL EDUCATION
GOVERNMENT OF SIKKIM
TASHILING, GANGTOK – 737101

No. GOS/TECHED/2004/IV(23)/246 Dated: 27th June, 2004

The Principal
Advanced Technical Training Centre,
Bardang, East Sikkim

Subject: Corpus fund – Investment in fixed deposits.

Sir,

This is in regard to the recent visit of the audit team to the Polytechnic on 22.06.2005, and their observations on the non-investment of the corpus fund in fixed deposits. In this regard, I am directed to convey the approval of the authority to kindly have the said investment of corpus fund made in fixed deposits immediately. The investment on fixed deposits may be made for Rs. 20.00 lakhs for each of the Polytechnic for a period of 3 years.

Investment of the Corpus fund on fixed deposits may be made on regular basis of Rs. 5-10 lakhs and for a period of 1-2 years depending on the funds collected.

Please acknowledge the receipt of the letter.

Yours faithfully,

27/6/05

(M. Pradhan)
Accounts Officer
MAHENDRA PRADHAN, SFAS
Accounts Officer (D. & D. O.)
Directorate of Tech. Education
Government of Sikkim

Accounts

State Project Implementation Unit, Directorate of Technical Education, Govt. of Sikkim
Phone: 03592-221610; Fax: 221611; Email: techedgos@sify.com
C:\Documents and Settings\Administrator\My Documents\Polytechnics\Accounts Matters\Accounts matters.doc

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
(Under Technical Education, Government of Sikkim. Approved by A.I.C.T.E.)

Ref. No.:ATTC/ACCT/2005/ 292 **Date:29/06/2005**

To,
The Branch Manager,
State Bank of India ,
Singtam Branch,
Singtam.

Subject : Corpus Fund-Investment in fixed deposit

Sir,

With reference to the above we have maintain a Corpus Fund A/c vide A/c No. 01100050262 in respect of ATTC from your esteemed bank.As directed to convey the approval of the higher authority vide No. GOS/TECHED/2004/IV (23) 246 dated 27th June, 2005 (Which is enclosed) kindly have the said investment of Corpus Fund made in Fixed deposit for an Amount of Rs. 20.00 lakhs with immediate effect for a period of 3 Years. The authorised Joint operator of the FD will be persons of the institute holding the portfolio of (1) Principal (2) Vice Principal. The present Joint signatories are.

Principal
(R.K Suryavanshi)

Vice Principal
(Sonam Palden Barfungpa)

Kindly do the needful & issue appropriate receipts and Certificates.

Thanking you .

With Regards,

(Vice Principal)
(Sonam Palden Barfungpa)

D:\Documents and Settings\ilka\My Documents\Letter to SBI for FD of ATTC.doc

A.T.T.C., Bardang, P.O. Singtam, Pin-737 134 Fax/Ph- (03592)- 233482 - 1 -

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
(Under Directorate of Technical Education, Government of Sikkim. Approved by A.I.C.T.E.)

Ref.No: ATTC/ADM/2007/1637

Date: 12th October 2007.

To,

The Manager,
AXIS Bank,
Rangpo Branch,
East Sikkim.

Sub: Opening of new savings accounts.

Sir,

This is to inform you that as per office order No. BOM/ATTC/08 dated 14th May 2007 and based on correspondence had with you, we would like to open a saving account in the name of PRINCIPAL ATTC – under the scheme 'ATTC STAFF DEVELOPMENT FUND" at your esteemed bank.

The a/c will be operated by Vice Principal Mr. Sonam Palden Barfungpa

Specimen signature: -

ADVANCED TECHNICAL TRAINING CENTRE EAST SIKKIM BARDANG P.O.-SINGTAM

Thanking you,

With regards,

(Sonam Palden Barfungpa)
Vice Principal

Vice-Principal
Advanced Technical Training Centre
Bardang, East Sikkim

A.T.T.C., Bardang, P.O. Singtam, Pin-737 134 Fax/Ph- (03592) - 233482
E-mail: info@skmpoly.org, Website: www.skmpoly.org

AXIS BANK
www.axisbank.com

894--101007

894101007 B

PRINCIPAL ATTC
BARDANG EAST SIKKIM
., 737134

Date: 10/10/2007

Dear Customer,

We take this opportunity to thank you for choosing to bank with us.

We are pleased to offer you a convenient branch network, among the largest ATM networks in the country and iConnect, our Internet banking package for a truly anywhere – anytime banking experience.

Your Customer Id number is 441001451 and Account number is 441010100036430. We request you to quote this Customer ID number and Account number in any correspondence that you may have with the bank.

You may like to note down the postal address of your branch, which is as under.
RANGPO, SIKKIM DISTILLERIES LIMITED, MAIN MARKET 31A NATIONAL HIGHWAY,
RANGPO, 737132.
Tel Nos: (03592) 240 241/242

We would like to advise that your Bank offers a range of personal loan products, and a brochure containing details of these loan products is enclosed. We would welcome your utilising these loan products.

We recommend that you visit our website www.axisbank.com and avail of the various features it offers like online statements, account details, funds transfers, bill payments, financial advisory services, online shopping and share trading, which are available there. Further details of our Internet offerings are indicated in an enclosed brochure.

Should you at any time require any assistance, please do feel free to contact our nearest branch office or write to us, including sending us an email at ibrm@axisbank.com .

We once again welcome you to the Bank and thank you for giving us an opportunity to be of service to you.

Yours sincerely

Pradeepta Bhattacharya
Chief Compliance Officer

Customer Id	Customer Name
441001451	PRINCIPAL ATTC

Encl: 1 Chequebook/s

Axis Bank Ltd., Central Processing Unit, 13, Corporate Park, Sion-Trombay Road, Chembur, Mumbai - 400 071

EMPLOYMENT DATA SHEET

1. NAME — S PURKAYASHTHA
2. DESIGNATION — PRINCIPAL
3. QUALIFICATION — B.E ELECTRICAL
4. DATE OF JOINING — 23rd January 2013
5. TOKEN NO
6. REPORTING TO — *BOM, ATTC(Director, Technical Education,HRDD cum Member Secretary BOM)*

NATURE AND SCOPE OF JOB:

The Principal serves as the educational leader, responsible for managing the policies, regulations, and procedures to ensure that all students are supervised in a safe learning environment that meets the approved curricula and mission of ATTC Achieving academic excellence requires that the ATTC Principal work collaboratively to direct and nurture all members of the ATTC staff hired by the Board and to communicate effectively with parents. Inherent in the position are the responsibilities for scheduling, curriculum development, extracurricular activities, personnel management, emergency procedures, and facility operations.

JOB FUNCTIONS AND RESPONSIBILITIES:
The ATTC Principal shall:

- Establish and promote high standards and expectations for all students and staff for academic performance and responsibility for behavior.
- Manage, evaluate and supervise effective and clear procedures for the operation and functioning of the ATTC consistent with the philosophy, mission, values and goals of ATTC including instructional programs, extracurricular activities, discipline systems, building maintenance, program evaluation, personnel management, office operations, and emergency procedures. Ensure compliance with all laws, board policies and civil regulations.
- Establish the annual master schedule for instructional programs, ensuring sequential learning experiences for students consistent with ATTC's philosophy, mission statement and instructional goals.
- Supervise the instructional programs of ATTC, evaluating lesson plans and observing classes (teaching, as duties allow) on a regular basis to encourage the use of a variety of instructional strategies and materials consistent with research on learning and student's growth and development.
- Establish procedures for evaluation and selection of instructional materials and equipment, approving all recommendations.

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
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AN AUTONOMOUS POLYTECHNIC (Approved by AICTE)
Under Directorate of Technical Education, Government of Sikkim

- Supervise in a fair and consistent manner effective discipline and attendance systems with high standards, consistent with the philosophy, values, and mission of the ATTC. Ensure a safe, orderly environment that encourages students to take responsibility for behavior and creates high morale among staff and students. File all required reports regarding violence, vandalism, attendance and discipline matters.
- Establish a professional rapport with students and with staff that has their respect. Display the highest ethical and professional behavior and standards when working with students, parents and ATTC personnel. Serve as a role model for students, dressing professionally, demonstrating the importance and relevance of learning, accepting responsibility, and demonstrating pride in the education profession. Encourage all teachers to do the same.
- Notify immediately the Board, and appropriate personnel and agencies when there is evidence of substance abuse, student abuse, student neglect, severe medical or social conditions, potential suicide or students appearing to be under the influence of alcohol or controlled substances.
- Keep the Board advised of employees not meeting their contractual agreement.
- Research and collect data regarding the needs of students, and other pertinent information including the collection of detail regarding the sacraments students have received or are preparing for.
- Keep the staff informed and seek ideas for the improvement of the ATTC. Conduct meetings, as necessary, for the proper functioning of the ATTC: weekly meetings for key staff; monthly staff meetings (ARM).
- Establish and maintain an effective inventory system for all ATTC supplies, materials and equipment.
- Establish procedures that create and maintain attractive, organized, functional, healthy, clean, and safe facilities, with proper attention to the visual, acoustic and temperature.
- Assume responsibility for the health, safety, and welfare of students, employees and visitors.
- Develop clearly understood procedures and provide regular drills for emergencies and disasters.
- Maintain a master schedule to be posted for all teachers.
- Establish schedules and procedures for the supervision of students in non-classroom areas (including before and after classes).
- Maintain visibility with students, teachers, parents and the Board.
- Communicate regularly with parents, seeking their support and advice, so as to create a cooperative relationship to support the student in the ATTC.

- Use effective presentation skills when addressing students, staff, parents, and the community including appropriate vocabulary and examples, clear and legible visuals, and articulate and audible speech.
- Use excellent written and oral English skills when communicating with students, parents and teachers.
- Complete in a timely fashion all records and reports as requested by the Board. Maintain accurate attendance records.
- Maintain and account for all student activity funds and money collected from students.
- Communicate with the Board regularly about the needs, successes and general operation of the ATTC.
- Establish procedures for safe storing and integrity of all public and confidential ATTC records. Ensure that student records are complete and current.
- Protect confidentiality of records and information gained as part of exercising professional duties and use discretion in sharing such information within legal confines.
- Organize and supervise procedures for identifying and addressing special needs of students including health-related concerns, and physical, emotional and spiritual needs
- Supervise the exclusion from ATTC of any pupil who shows departure from normal health, who has been exposed to a communicable disease, or whose presence may be detrimental to the health and cleanliness of other pupils. Assure that excluded pupil's parents or guardians are apprised of the reasons for exclusion.
- Maintain positive, cooperative and mutually supportive relationships with staff, parents and Board.
- Attend required Board meetings
- Perform any duties that are within the scope of employment and certifications, as assigned by the Board and not otherwise prohibited by law or in conflict with contract.
- Oversee the development of Curriculum Committee and keep the Board apprised.
- Provide regularly student grade and behavior reports to parents. Post honor roll lists each quarter.
- Nurture both students and teachers to achieve their greatest potential academically, instructionally and spiritually.
- Maintain in the ATTC a spirit conducive learning environment.
- Provide and supervise a safe recreation and play period for the students.

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
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Under Directorate of Technical Education, Government of Sikkim

- To maintain, update and record the following documents that are the evidence of systemic teaching and learning process.

MANDATORY DOCUMENTATION

- ATTC/COM/F/7530 *FORM TO EVALUATE THE EFFECTIVENESS OF TEACHING*
- ATTC/COM/F/8213 *FEEDBACK FORM OF STUDENTS*
- ATTC/COM/F/8220 *OPEN FORUM*

EMPLOYMENT DATA SHEET

1. NAME	Mr. Sonam Palden Barfungpa
2. DESIGNATION	Head of Department(Computer & General Science)cum Vice Principal
3. QUALIFICATION	B.E Mechanical, M.Tech Mechatronics
4. DATE OF JOINING	16th April 1999
5. TOKEN NO	
6. REPORTING TO	Principal

Purpose

Deputizing for the Principal and to accept responsibility to discharge of the Principal's properly delegated functions at any time when the

- Principal is away from the College
- To provide academic leadership for staff within the department and to take responsibility for helping to determine the strategic direction of the department
- To provide up-to-date knowledge, expertise and experience of professional practice and/or research in a specific specialist subject area.

Duties and responsibilities:

1) CORE RESPONSIBILITES

- To contribute to the strategic development and implementation of ATTC vision, policies and procedures.
- To ensure compliance with Quality Assurance (QA) procedures and mechanisms within faculty and department
- To manage and develop effectively and efficiently those resources for which they are responsible:
  - human (including staff development/appraisal);
  - physical;
  - planning (by being involved in the planning processes in relation to the department)

  in a manner consistent with the policies and procedures of ATTC and in liaison with other HoD's, Academic In-charge, Faculty , Office, Finance & Planning etc
- To promote equality of opportunity in all aspects of departmental activities and business.
- To develop and maintain a range of programmes, which are highly regarded internally and externally.
- To develop the process of teaching and learning and create a productive and well-regarded learning environment for students in a manner consistent with ATTC's vision.
- To facilitate, within available resources, the development of those research, consultancy and scholarly activities which will enhance the academic reputation of the department and contribute to the personal development of academic staff.
- To foster a student centered approach in order to enhance all aspects of the student experience.
- To show commitment to recruitment/admission and retention of staff and students at all levels.

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Under Directorate of Technical Education, Government of Sikkim

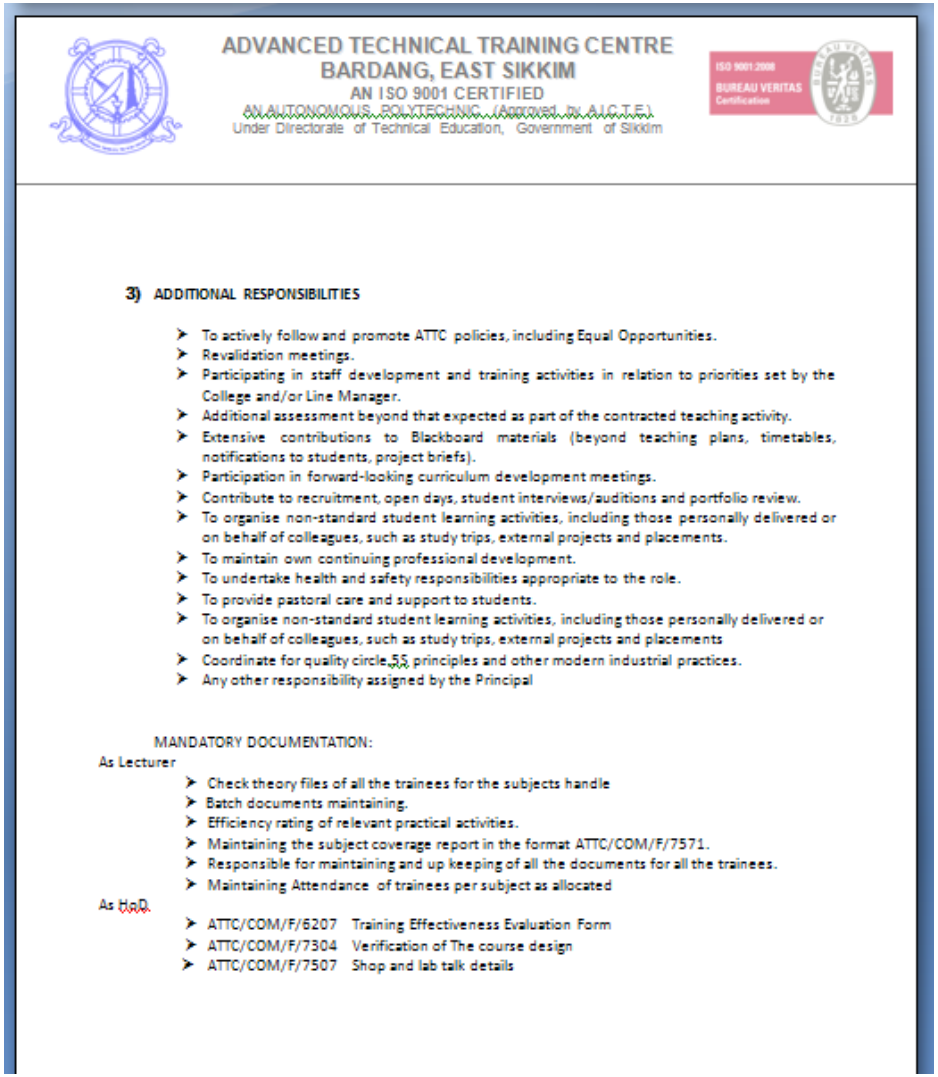
- To contribute to the development of the international dimension through student recruitment, curricular review and the development of international links.
- To create and foster relationships with appropriate external agencies in order to promote departmental and ATTC's aims.
- To take responsibility and act as a conduit for communication within and beyond the department.
- To represent the aims of the department within ATTC and outside it.
- To be the principal point of coordination with the relevant people on matters of risk associated with any of their activities or areas of responsibility
- To secure, monitor and manage the department's operational compliance with ATTC's policies and procedures and all relevant legislation in liaison with HoD's, Faculty Offices, HR, Finance & Planning etc

2) TEACHING RESPONSIBILITES

- To prepare for and deliver learning experiences to students, by providing structured learning experiences including, induction sessions, classes, tutorials, lectures, seminars, workshops, auditions, rehearsals, studio critiques and student presentations in areas allocated by the Head of Department and reviewed from time to time by the Head of Department
- Possessing the relevant reference copy of syllabus of concerned theory allotted for skill set acquired by the trainees.
- Possessing the copy of time table.
- Planning of the syllabus to be covered for the semester.
- Preparing subject material either in the form of hard copy or soft copy which would be required for class room teaching.
- Class room teaching of allotted subject as per the time table.
- Ensuring of compensating the missed hour by taking extra class, which might be due to availing the leave, gone for any official duty and on training.
- To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department

- Instructing the trainees to write and maintain theory file subject wise.
- Checking the effectiveness of the respective class training through questioning of trainees, feedback.
- Planning the action for achieving better quality training by referring to the outcome of feedback and implementing the same after discussing with course in-charge and academic in-charge
- Suggesting the design review if any to the academic in-charge.
- Conducting Sessionals test as per the time table displayed by the exam cell.
- Evaluating of Sessionals answer sheet and submitting marks to respective CIC.
- To be available with trainees during practical hours.
- Guiding the Lab. Instructor during practical hours.
- To carry out research and produce publications, or other research outputs, in line with personal objectives agreed in the Staff review process
- The following documentation involving control and evaluation of students performance must be updated and maintained regularly .These documentation are the evidence of systematic teaching learning process of ATTC.

Annexure V



ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
AN ISO 9001 CERTIFIED
AN AUTONOMOUS POLYTECHNIC (Approved by A.I.C.T.E.)
Under Directorate of Technical Education, Government of Sikkim

ISO 9001:2008 BUREAU VERITAS Certification

3) ADDITIONAL RESPONSIBILITIES

- To actively follow and promote ATTC policies, including Equal Opportunities.
- Revalidation meetings.
- Participating in staff development and training activities in relation to priorities set by the College and/or Line Manager.
- Additional assessment beyond that expected as part of the contracted teaching activity.
- Extensive contributions to Blackboard materials (beyond teaching plans, timetables, notifications to students, project briefs).
- Participation in forward-looking curriculum development meetings.
- Contribute to recruitment, open days, student interviews/auditions and portfolio review.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements.
- To maintain own continuing professional development.
- To undertake health and safety responsibilities appropriate to the role.
- To provide pastoral care and support to students.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements
- Coordinate for quality circle,5S principles and other modern industrial practices.
- Any other responsibility assigned by the Principal

MANDATORY DOCUMENTATION:

As Lecturer

- Check theory files of all the trainees for the subjects handle
- Batch documents maintaining.
- Efficiency rating of relevant practical activities.
- Maintaining the subject coverage report in the format ATTC/COM/F/7571.
- Responsible for maintaining and up keeping of all the documents for all the trainees.
- Maintaining Attendance of trainees per subject as allocated

As HoD

- ATTC/COM/F/6207 Training Effectiveness Evaluation Form
- ATTC/COM/F/7304 Verification of The course design
- ATTC/COM/F/7507 Shop and lab talk details

ADVANCED TECHNICAL TRAINING CENTRE
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Under Directorate of Technical Education, Government of Sikkim

ISO 9001:2008 BUREAU VERITAS Certification

EMPLOYMENT DATA SHEET

1. NAME	Mr. Pramod Shital
2. DESIGNATION	Lecturer/CIC, Manufacturing Technology
3. QUALIFICATION	B.Tech (Mechanical)/Pursuing M.Tech (ME)
4. DATE OF JOINING	8-Jan-2007
5. REPORTING TO	HoD Mechatronics & Manufacturing Technology

Purpose

- To deliver high quality learning practice and related support to students on specified programmes or courses, in the context of prevailing policies and procedures, curriculum content, established learning outcomes and teaching methodologies.
- To provide up-to-date knowledge, expertise and experience of professional practice and/or research in a specific specialist subject area.

Duties and responsibilities:

1) CORE RESPONSIBILITES

- To prepare for and deliver learning experiences to students, by providing structured learning experiences including, induction sessions, classes, tutorials, lectures, seminars, workshops, auditions, rehearsals, studio critiques and student presentations in areas allocated by the Head of Department and reviewed from time to time by the Head of Department
- Possessing the relevant reference copy of syllabus of concerned theory allotted for skill set acquired by the trainees.
- Possessing the copy of time table.
- Planning of the syllabus to be covered for the semester.
- Preparing subject material either in the form of hard copy or soft copy which would be required for class room teaching.
- Class room teaching of allotted subject as per the time table.
- Ensuring of compensating the missed hour by taking extra class, which might be due to availing the leave, gone for any official duty and on training.
- To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department
- Instructing the trainees to write and maintain theory file subject wise.
- Checking the effectiveness of the respective class training through questioning of trainees, feedback.
- Planning the action for achieving better quality training by referring to the outcome of feedback and implementing the same after discussing with course in-charge and academic in-charge
- Suggesting the design review if any to the academic in-charge.
- Conducting sessional test as per the time table displayed by the exam cell.
- Evaluating of sessional answer sheet and submitting marks to respective CIC.
- To be available with trainees during practical hours.
- Guiding the Lab. Instructor during practical hours.
- To carry out research and produce publications, or other research outputs, in line with personal objectives agreed in the Staff review process
- The following documentation involving control and evaluation of students performance must be updated and maintained regularly .These documentation are the evidence of systematic teaching learning process of ATTC.

MANDATORY DOCUMENTATION:

- Check theory files of all the trainees for the subjects handle
- Batch documents maintaining.
- Efficiency rating of relevant practical activities.
- Maintaining the subject coverage report in the format ATTC/COM/F/7571.
- Responsible for maintaining and up keeping of all the documents for all the trainees.
- Maintaining Attendance of trainees per subject as allocated

2) ADDITIONAL RESPONSIBILITES

- To actively follow and promote ATTC policies, including Equal Opportunities.
- Revalidation meetings.
- Participating in staff development and training activities in relation to priorities set by the College and/or Line Manager.
- Additional assessment beyond that expected as part of the contracted teaching activity.
- Extensive contributions to Blackboard materials (beyond teaching plans, timetables, notifications to students, project briefs).
- Participation in forward-looking curriculum development meetings.
- Contribute to recruitment, open days, student interviews/auditions and portfolio review.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements.
- To maintain own continuing professional development.
- To undertake health and safety responsibilities appropriate to the role.
- To provide pastoral care and support to students.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements
- Coordinate for quality circle,5S principles and other modern industrial practices.

Course in charge (Manufacturing Technology)

DUTIES & RESPONSIBILITIES:

1. Collecting the details of intermediate/sessional marks for both practical and theory from the concerned staff.
2. Collecting attendance report from the concerned section in-charge.
3. Assist the Academic in-charge in all matters concerning the academics for the ongoing session.
4. Scheduling and conducting industrial visits of students in consultation with TPO wherever applicable.
5. Present reports in the Academic Review meeting on status of their course details such as syllabus coverage, attendance, performance of students both in theory and practical subjects, extra curricular activities etc.
6. Taking action based on the customer satisfaction survey, feedback from industries and complaints.
7. Assessing the training requirement and of respective staff and preparing a training itinerary for the same.
8. Any other work as assigned by management from time to time.
9. The following documents to be maintained and updated regularly.

MANDATORY DOCUMENTATION:

- ATTC/COM/F5605 MIS- EXTRACURRICULAR ACTIVITIES
- ATTC/COM/F5606 MIS-DISCIPLINE REPORT
- ATTC/COM/F5607 MIS-ATTENDANCE REPORT

ADVANCED TECHNICAL TRAINING CENTRE
BARDANG, EAST SIKKIM
AN ISO 9001 CERTIFIED
AN AUTONOMOUS, POLYTECHNIC (Approved by A.I.C.T.E.)
Under Directorate of Technical Education, Government of Sikkim

ISO 9001:2008 BUREAU VERITAS Certification

EMPLOYMENT DATA SHEET

1. NAME	Mr. Tenzing Dorjee Pradhan
2. DESIGNATION	Sr. Lecturer cum Academic In-charge
3. QUALIFICATION	B.E Mechanical
4. DATE OF JOINING	13th October 2008
5. TOKEN NO	
6. REPORTING TO	HoD Tool and Die Making/Vice Principal

Purpose

- To deliver high quality learning practice and related support to students on specified programmes or courses, in the context of prevailing policies and procedures, curriculum content, established learning outcomes and teaching methodologies.
- To provide up-to-date knowledge, expertise and experience of professional practice and/or research in a specific specialist subject area.

Duties and responsibilities:

1) CORE RESPONSIBILITES

- Fosters a culture of academic excellence
- Collaborates and implements academic planning and policies
- Supervises and evaluates teachers, and the Library
- Gathers and analyzes data on student achievement
- Promotes individual student success
- Communicates with parents regarding student academic progress
- Coordinates departmental and other academic review meetings
- Mentors new teachers
- Implements professional and curriculum development
- Prepares yearly curriculum guide and coordinates the course selection procedures
- Coordinates administration of Sessionals.
- Expands affiliations with institutions of higher education, business and non-profits to further academic goals
- Coordinates and submits budget for the academic program

2) TEACHING RESPONSIBILITES

- To prepare for and deliver learning experiences to students, by providing structured learning experiences including, induction sessions, classes, tutorials, lectures, seminars, workshops, auditions, rehearsals, studio critiques and student presentations in areas allocated by the Head of Department and reviewed from time to time by the Head of Department
- Possessing the relevant reference copy of syllabus of concerned theory allotted for skill set acquired by the trainees.
- Possessing the copy of time table.
- Planning of the syllabus to be covered for the semester.
- Preparing subject material either in the form of hard copy or soft copy which would be required for class room teaching.
- Class room teaching of allotted subject as per the time table.
- Ensuring of compensating the missed hour by taking extra class, which might be due to availing the leave, gone for any official duty and on training.
- To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department
- Instructing the trainees to write and maintain theory file subject wise.
- Checking the effectiveness of the respective class training through questioning of trainees, feedback.
- Planning the action for achieving better quality training by referring to the outcome of feedback and implementing the same after discussing with course in-charge and academic in-charge
- Suggesting the design review if any to the academic in-charge.
- Conducting Sessionals test as per the time table displayed by the exam cell.
- Evaluating of Sessionals answer sheet and submitting marks to respective CIC.
- To be available with trainees during practical hours.
- Guiding the Lab. Instructor during practical hours.
- To carry out research and produce publications, or other research outputs, in line with personal objectives agreed in the Staff review process
- The following documentation involving control and evaluation of students performance must be updated and maintained regularly .These documentation are the evidence of systematic teaching learning process of ATTC.

3) ADDITIONAL RESPONSIBILITIES

- To actively follow and promote ATTC policies, including Equal Opportunities.
- Revalidation meetings.
- Participating in staff development and training activities in relation to priorities set by the College and/or Line Manager.
- Additional assessment beyond that expected as part of the contracted teaching activity.
- Extensive contributions to Blackboard materials (beyond teaching plans, timetables, notifications to students, project briefs).
- Participation in forward-looking curriculum development meetings.
- Contribute to recruitment, open days, student interviews/auditions and portfolio review.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements.
- To maintain own continuing professional development.
- To undertake health and safety responsibilities appropriate to the role.
- To provide pastoral care and support to students.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements
- Coordinate for quality circle,5S principles and other modern industrial practices.
- To maintain and update all relevant and following documentation.

MANDATORY DOCUMENTATION:

- Check theory files of all the trainees for the subjects handle
- Batch documents maintaining.
- Efficiency rating of relevant practical activities.
- Maintaining the subject coverage report in the format ATTC/COM/F/7571.
- Responsible for maintaining and up keeping of all the documents for all the trainees.
- Maintaining Attendance of trainees per subject as allocated
- ATTC/COM/F/3602 MIS Theory Instructional Index
- ATTC/COM/F/3603 MIS Practical Instructional Index
- ATTC/COM/F/3604 MIS Theory Test Performance
- ATTC/COM/F/3607. MIS Attendance Report
- ATTC/COM/F/7501 Time Table
- ATTC/COM/F/7502. Subject Coverage Report
- ATTC/COM/F/7503. Daily Attendance Report
- ATTC/COM/F/8203 Theory Sessionals Mark sheet
- ATTC/COM/F/8204 Mark sheet for Parents

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EMPLOYMENT DATA SHEET

1. NAME : Paden Rinchen
2. DESIGNATION : Lecturer/SIC, Computer Engineering, I semester
3. QUALIFICATION : B.Tech (IT)/Pursuing M.Tech (CSE)
4. DATE OF JOINING : 8-Jan-2007
5. REPORTING TO : Course In-charge, Computer Engineering

Purpose

- To monitor and mentor students of Computer Engineering, I semester. To actively participate to motivate students in achieving high quality learning practice and related support specified programmes or courses, in the context of prevailing policies and procedures, curriculum content, established learning outcomes and teaching methodologies.
- To provide up-to-date knowledge, expertise and experience of professional practice.

Duties and responsibilities:

1) CORE RESPONSIBILITES(Section In charges)

- Taking attendance every morning after the conduction of Assembly and if any student is found absent for more than 5 days consecutively, the section In charge should immediately inform the Course in-charge/HoD.
- Checking the activity display daily, and time book weekly
- Keeping the leave book for the respective students and issuing the same whenever required.
- Ensure the conduction of shop / lab talk daily.
- Arrange for extracurricular activities such as cultural programs, seminars, sports etc within the given semester.
- Counselling the weak students as and when necessary.
- Ensuring that academic activities goes on as per the time table & inform the deviations in the unit level meetings.
- Any other work as assigned by the management from time to time.

2) TEACHING RESPONSIBILITES

- To prepare for and deliver learning experiences to students, by providing structured learning experiences including, induction sessions, classes, tutorials, lectures, seminars, workshops, auditions, rehearsals, studio critiques and student presentations in areas allocated by the Head of Department and reviewed from time to time by the Head of Department
- Possessing the relevant reference copy of syllabus of concerned theory allotted for skill set acquired by the trainees.
- Possessing the copy of time table.
- Planning of the syllabus to be covered for the semester.
- Preparing subject material either in the form of hard copy or soft copy which would be required for class room teaching.
- Class room teaching of allotted subject as per the time table.
- Ensuring of compensating the missed hour by taking extra class, which might be due to availing the leave, gone for any official duty and on training.
- To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department
- Instructing the trainees to write and maintain theory file subject wise.
- Checking the effectiveness of the respective class training through questioning of trainees, feedback.
- Planning the action for achieving better quality training by referring to the outcome of feedback and implementing the same after discussing with course in-charge and academic in-charge
- Suggesting the design review if any to the academic in-charge.
- Conducting Sessionals test as per the time table displayed by the exam cell.
- Evaluating of Sessionals answer sheet and submitting marks to respective CIC.
- To be available with trainees during practical hours.
- Guiding the Lab. Instructor during practical hours.
- To carry out research and produce publications, or other research outputs, in line with personal objectives agreed in the Staff review process
- The following documentation involving control and evaluation of students performance must be updated and maintained regularly .These documentation are the evidence of systematic teaching learning process of ATTC.

3) **ADDITIONAL RESPONSIBILITIES**

- To actively follow and promote ATTC policies, including Equal Opportunities.
- Revalidation meetings.
- Participating in staff development and training activities in relation to priorities set by the College and/or Line Manager.
- Additional assessment beyond that expected as part of the contracted teaching activity.
- Extensive contributions to Blackboard materials (beyond teaching plans, timetables, notifications to students, project briefs).
- Participation in forward-looking curriculum development meetings.
- Contribute to recruitment, open days, student interviews/auditions and portfolio review.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements.
- To maintain own continuing professional development.
- To undertake health and safety responsibilities appropriate to the role.
- To provide pastoral care and support to students.
- To organise non-standard student learning activities, including those personally delivered or on behalf of colleagues, such as study trips, external projects and placements
- Coordinate for quality circle,5S principles and other modern industrial practices.
- To maintain and update the following documentation for evidence of effective teaching and learning outcomes

MANDATORY DOCUMENTATION:

- Check theory files of all the trainees for the subjects handle
- Batch documents maintaining.
- Efficiency rating of relevant practical activities.
- Maintaining the subject coverage report in the format ATTC/COM/F/7571.
- Responsible for maintaining and up keeping of all the documents for all the trainees.
- Maintaining Attendance of trainees per subject as allocated
- ATTC/COM/F/7507 Time Book
- ATTC/COM/F/7507 Shop and Lab talk Details
- ATTC/COM/F/7508 Leave Record
- ATTC/COM/F/7509 Process Planning Format
- ATTC/COM/F/7511 Accident Report Format
- ATTC/COM/F/7512 Exercise Progress Chart
- ATTC/COM/F/7513 Medical Slip
- ATTC/COM/F/7514 Machine Allocation
- ATTC/COM/F/7515 Cleaning Allocation
- ATTC/COM/F/7523 Machine Utilization chart
- ATTC/COM/F/7532 Lab Engagement

Annexure VI

The following is the scanned copy of the rating given for the subjects of each of the Diploma program of the Institute. Based upon the ratings a competency based test paper (which will be objective type tests) will be designed for each semester which will be conducted at the start of each semester and the end of each semester. The classification of the students will be done according to the competencies.

DIPLOMA IN MANUFACTURING TECHNOLOGY

SL. NO.	CODE	NAME OF SUBJECT	TYPE	HRS. PER WEEK	RATING
1	DMT 101	MATHEMATICS-I	TH	3	***
2	DMT 102	APPLIED SCIENCE	PR	4	**
3	DMT 103	MATERIAL SCIENCE	TH	2	****
4	DMT 104	METROLOGY-I	TH	1	****
5	DMT 105	ENGLISH COMMUNICATION-I	TH	2	***
6	DMT 106	BASIC COMPUTER APPLICATION AND CAD	TH	4	**
7	DMT 107	WORKSHOP THEORY	TH	1	****
8	DMT 108	ENGINEERING DRAWING	TH	7	****
9	DMT 109	WORKSHOP PRACTICE-I	PR	8	***
10	DMT 110	APPLIED SCIENCE LAB	TH	3	**
11	DMT 201	ENGLISH COMMUNICATION-II	TH	2	***
12	DMT 202	ENGINEERING MECHANICS	TH	2	**
13	DMT 203	STRENGTH OF MATERIALS	TH	2	**
14	DMT 204	MANUFACTURING PROCESS-I	TH	3	****
15	DMT 205	WORKSHOP PRACTICE-II	PR	18	***
16	DMT 206	MATHEMATICS-II	TH	3	***
17	DMT 207	METROLOGY-II	TH	1	****
18	DMT 208	JIGS AND FIXTURES	TH	1	***
19	DMT 209	CAD	PR	3	*****
20	DMT 301	MACHINE DRAWING	TH	4	***
21	DMT 302	HEAT POWER ENGINEERING	TH	3	**
22	DMT 303	ELECTRICAL/ELECTRONICS ENGINEERING	TH	3	**
23	DMT 304	MANUFACTURING PROCESS-II	TH	3	****
24	DMT 305	CAD	PR	2	**
25	DMT 306	ELECTRICAL ENGINEERING LAB	PR	3	*****
26	DMT 307	MACHINE SHOP-I	PR	17	***
27	DMT 401	MANUFACTURING PROCESS-III	TH	4	****
28	DMT 402	FLUID MECHANICS	TH	3	**
29	DMT 403	CUTTING TOOL ENGINEERING	TH	3	*****
30	DMT 404	POLYMER PROCESSING	TH	2	**
31	DMT 405	ENVIRONMENTAL MANAGEMENT SYSTEMS	TH	1	**
32	DMT 406	MACHINE SHOP-II	PR	17	***
33	DMT 407	CNC TECHNOLOGY	TH	2	*****
34	DMT 408	3D-CAD LAB	PR	3	*****
35	DMT 501	CAM	TH	3	*****
36	DMT 502	METROLOGY & QUALITY CONTROL	TH	3	*****
37	DMT 503	PNEUMATICS AND HYDRAULICS	TH	4	***
38	DMT 504	PROCESS PLANNING AND COST ESTIMATION	TH	2	**
39	DMT 505	PLANT LAYOUT & MATERIAL HANDELING	TH	1	**
40	DMT 506	MACHINE SHOP-III	PR	5	***
41	DMT 507	3D-CAD LAB	PR	3	*****
42	DMT 508	CNC MACHINE OPERATION LAB	PR	8	*****
43	DMT 509	PNEUMATICS AND HYDRAULICS LAB	PR	4	*****
44	DMT 510	HEAT TREATMENT & SURFACE TREATMENT	TH	2	**
45	DMT 601	INDUSTRIAL ENGINEERING	TH	3	****
46	DMT 602	DESIGN FOR MANUFACTURING	TH	4	***
47	DMT 603	TOTAL QUALITY MANAGEMENT	TH	2	***
48	DMT 604	PLANT MAINTENANCE THEORY	TH	2	**
49	DMT 605	MECHATRONICS	TH	2	**
50	DMT 606	CAM	TH	3	*****
51	DMT 607	PROJECT WORK	PR	18	*****

*****= 12 subjects
****= 09 subjects
***= 14 subjects
**= 16 subjects
*= 01 subject

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HOD, Mechanical Engineering
A.T.T.C. Bardang, Sikkim

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Bardang-East Sikkim

DIPLOMA IN MECHATRONICS

SL. NO.	CODE	NAME OF SUBJECT	TYPE	HRS. PER WEEK	RATING
1	ME 101	ENGLISH COMMUNICATION-I	TH	2	***
2	ME 102	APPLIED SCIENCE-I	TH	2	**
3	ME 103	MATHEMATICS-I	TH	3	****
4	ME 104	MATERIAL SCIENCE & MECHANICAL ENGINEERING	TH	4	***
5	ME 105	ELECTRICAL, ELECTRONICS & COMPUTER CONCEPTS & PROGRAMMING	TH	6	****
6	ME 106	ENGINEERING GRAPHICS-I	TH	4	***
7	ME 107	WORKSHOP PRACTICE-I	PR	4	***
8	ME 108	ELECTRICAL & ELECTRONIC LAB-I	PR	7	***
9	ME 109	COMPUTER CONCEPTS & PROGRAMMING LAB	PR	3	***
10	ME 201	ENGLISH COMMUNICATION-II	TH	2	***
11	ME 202	APPLIED SCIENCE-II	TH	2	**
12	ME 203	MATHEMATICS-II	TH	3	****
13	ME 204	MECHANICAL ENGINEERING-II	TH	2	***
14	ME 205	ELECTRICAL & ELECTRONIC ENGINEERING-II	TH	4	**
15	ME 206	COMPUTER CONCEPTS & PROGRAMMING LAB	PR	4	***
16	ME 207	METROLOGY & QUALITY CONTROL-I	TH	2	***
17	ME 208	CAD	PR	4	*****
18	ME 209	WORKSHOP PRACTICE-II	PR	4	***
19	ME 210	ELECTRICAL & ELECTRONIC LAB-II	PR	8	***
20	ME 301	MECHANICAL ENGINEERING-III	TH	2	***
21	ME 302	APPLIED MECHANIC & SHRENGTH OF MATERIALS	TH	4	**
22	ME 303	BASIC OF PLC & LAB	PR	5	*****
23	ME 304	CNC TECHNOLOGY & PROGRAMMING-I	TH	2	**
24	ME 305	DIGITAL ELECTRONICS-I	TH	2	****
25	ME 306	CONTROL SYSTEM	TH	3	*****
26	ME 307	METROLOGY & QUALITY CONTROL-II	TH	2	***
27	ME 308	WORKSHOP PRACTICE-III	PR	7	***
28	ME 309	ELECTRICAL & ELECTRONICS SIMULATION LAB	PR	3	****
29	ME 310	DIGITAL ELECTRONICS LAB-I	PR	5	****
30	ME 401	CNC TECHNOLOGY & PROGRAMMING-II	TH	2	**
31	ME 402	DIGITAL ELECTRONICS-II	TH	2	****
32	ME 403	PROCESS CONTROL ENGINEERING	TH	2	*****
33	ME 404	INDUSTRIAL ELECTRONICS-I	TH	2	*****
34	ME 405	MICROPROCESSOR	TH	2	***
35	ME 406	MECHATRONICS SYSTEM	TH	2	**
36	ME 407	INDUSTRIAL AUTOMATION-I	TH	2	***
37	ME 408	INDUSTRIAL ELECTRONICS LAB-I	PR	10	****
38	ME 409	DIGITAL ELECTRONICS LAB-II	PR	6	****
39	ME 410	MICROPROCESSOR LAB	PR	5	***
40	ME 501	PNEUMATICS & HYDRAULICS	TH	3	*****
41	ME 502	INDUSTRIAL ELECTRONICS-II	TH	3	*****
42	ME 503	MECHATRONICS DESIGN-I	TH	2	***
43	ME 504	ROBOTICS	TH	4	*****
44	ME 505	CAM	PR	3	***
45	ME 506	ROBOTICS LAB	PR	6	****
46	ME 507	PNEUMATICS & HYDRAULICS LAB	PR	3	***
47	ME 508	INDUSTRIAL ELECTRONICS LAB-II	PR	6	****
48	ME 509	EMBEDDED SYSTEM	PR	3	*****
49	ME 510	MINI PROJECT	TH	2	***
50	ME 601	MECHATRONICS DESIGN-II	TH	2	***
51	ME 602	INDUSTRIAL AUTOMATION-II	TH	3	***
52	ME 603	INDUSTRIAL MANAGEMENT & ESTIMATION & COSTING	TH	3	***
53	ME 604	MAINTENANCE OF ELECTRONIC EQUIPMENTS	TH	3	*****
54	ME 605	PROJECT WORK	PR	24	*****

*****= 11 subjects
****= 11 subjects
***= 25 subjects
**= 07 subjects
*= 00 subjects

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Bardang, East Sikkim

DIPLOMA IN COMPUTER ENGINEERING

SL. NO.	CODE	NAME OF SUBJECT	TYPE	HRS. PER WEEK	RATING
1	GE 101	COMMUNICATION SKILLS-I	TH	4	**
2	GE 102	MATHEMATICS-I	TH	5	**
3	GE 103	BASIC MECHANICAL ENGINEERING	TH	4	*
4	GE 104	WORKSHOP TECHNOLOGY	PR	4	*
5	GE 105	BASIC ELECTRICAL TECHNOLOGY	TH	5	**
6	GE 106	BASIC ELECTRICAL LAB	PR	4	**
7	GE 107	BASIC OF COMPUTER AND INTRODUCTION TO C	TH	5	****
8	GE 108	BASIC OF COMPUTER AND INTRODUCTION TO C	PR	4	****
9	GE 201	COMMUNICATION SKILLS-II	TH	4	**
10	GE 202	MATHEMATICS-II	TH	5	**
11	GE 203	APPLIED SCIENCE	TH	4	**
12	GE 204	APPLIED SCIENCE LAB	PR	4	**
13	GE 205	ENGINEERING DRAWING	TH	5	*
14	GE 206	BASIC ELECTRONICS	TH	5	**
15	GE 207	BASIC ELECTRONICS LAB	PR	4	**
16	GE 208	MICRO PROJECT	PR	4	****
17	GE 301	DIGITAL ELECTRONICS	TH	5	**
18	GE 302	PC HARDWARE & COMPUTER NETWORKS	TH	4	****
19	GE 303	OOPS & C++	TH	3	*****
20	GE 304	DATA STRUCTURE	TH	3	****
21	GE 305	DIGITAL ELECTRONICS LAB	PR	8	***
22	GE 306	PC HARDWARE LAB	PR	4	*****
23	GE 307	C++ LAB	PR	4	*****
24	GE 308	DATA STRUCTURE LAB	PR	4	****
25	GE 401	MICROPROCESSOR ARCHITECTURE & PROGRAMMING	TH	4	****
26	GE 402	OPERATING SYSTEM & SYSTEM PROGRAMMING	TH	3	****
27	GE 403	VISUAL BASIC.NET	TH	3	****
28	GE 404	RDBMS, SQL SERVER & ORACLE	TH	5	*****
29	GE 405	MICROPROCESSOR LAB	PR	4	****
30	GE 406	VISUAL BASIC LAB	PR	4	****
31	GE 407	SQL SERVER & ORACLE LAB	PR	6	*****
32	GE 408	WEB DESIGNING, MULTIMEDIA & MINI PROJECT	PR	6	*****
33	CE 501	SOFTWARE ENGINEERING	TH	3	***
34	CE 502	SERVER ADMINISTRATION	TH	3	****
35	CE 503	C# & .NET TECHNOLOGY	TH	3	****
36	CE 504	JAVA PROGRAMMING	TH	3	****
37	CE 505	C# & .NET TECHNOLOGY LAB	PR	5	****
38	CE 506	WINDOWS SERVER ADMINISTRATION LAB	PR	5	****
39	CE 507	JAVA PROGRAMMING LAB	PR	5	****
40	CE 508	NETWORKING SYSTEM ADMINISTRATION	TH	8	*****
41	CE 601	NETWORKING SYSTEM ADMINISTRATION	TH	9	*****
42	CE 602	ADVANCED MICROPROCESSOR	TH	3	****
43	CE 603	ADVANCED MICROPROCESSOR LAB	PR	3	****
44	CE 604	J2EE	TH	2	***
45	CE 605	J2EE LAB	PR	3	***
46	CE 606	UNIX	TH	3	**
47	CE 607	UNIX LAB	PR	3	**
48	CE 608	MAJOR PROJECT	PR	8	*****
49	CE 609	CUSTOMER RELATIONSHIP MANAGEMENT	TH	1	**

*****= 09 subjects
****= 19 subjects
***= 04 subjects
**= 14 subjects
*= 03 subjects

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PRINCIPAL
Advanced Technical Training Cent
Bardang, East Sikkim

DIPLOMA IN TOOL AND DIE MAKING

SL. NO.	CODE	NAME OF SUBJECT	TYPE	HRS. PER WEEK	RATING
1	TD 101	ENGLISH COMMUNICATION	TH	2	**
2	TD 102	TECHNICAL METHAMATICS	TH	3	**
3	TD 103	APPLIED SCIENCE	TH	2	**
4	TD 104	ENGINEERING DRAWING	DR	4	***
5	TD 105	BASIC ELECTRICAL & ELECTRONICS	TH	2	*
6	TD 106	QUALITY MANAGEMENT-I	TH	2	*
7	TD 107	PRODUCTION TECHNOLOGY-I	TH	1	****
8	TD 108	MATERIAL SCIENCE	TH	2	***
9	TD 109	SHOP FLOOR PRACTICE-I	PR	14	*****
10	TD 110	BASC COMPUTER APPLICATION & CAD	TH	3	***
11	TD 201	ENGLISH COMMUNICATION	TH	2	**
12	TD 202	TECHNICAL METHAMATICS	TH	3	**
13	TD 203	APPLIED SCIENCE	TH	2	**
14	TD 204	ENGINEERING DRAWING	DR	4	***
15	TD 205	JIGS AND FIXTURES	TH	2	*****
16	TD 206	QUALITY MANAGEMENT-II	TH	1	*
17	TD 207	PRODUCTION TECHNOLOGY-II	TH	1	****
18	TD 208	SHOP FLOOR PRACTICE-II	PR	18	*****
19	TD 209	CAD	TH	2	***
20	TD 301	HEAT TREATMENT & SURFACE TREATMENT	TH	2	**
21	TD 302	STRENGTH OF MATERIALS	TH	1	*
22	TD 303	MOULD TECHNOLOGY-I	TH	1	*****
23	TD 304	TOOL DESIGN-I	TH	4	*****
24	TD 305	PRESS TOOL TECHNOLOGY-I	TH	1	*****
25	TD 306	PRODUCTION TECHNOLOGY-III	TH	1	****
26	TD 307	CAD	TH	2	***
27	TD 308	SHOP FLOOR PRACTICE-I	PR	23	*****
28	TD 401	CNC TECHNOLOGY-I	TH	1	*****
29	TD 402	STRENGTH OF MATERIALS	TH	1	*
30	TD 403	MOULD TECHNOLOGY-II	TH	2	*****
31	TD 404	TOOL DESIGN-II	TH	4	*****
32	TD 405	PRESS TOOL TECHNOLOGY-II	TH	2	*****
33	TD 406	PNEUMATICS & HYDRAULICS-I	TH	1	***
34	TD 407	3D CAM LAB	PR	3	***
35	TD 408	SHOP FLOOR PRACTICE-II	PR	21	*****
36	TD 501	CNC TECHNOLOGY-II	TH	1	*****
37	TD 502	ESTIMATION & COSTING	TH	2	**
38	TD 503	MOULD TECHNOLOGY-III	TH	2	*****
39	TD 504	MOULD DESIGN-I	PR	4	*****
40	TD 505	PRESS TOOL TECHNOLOGY-III	TH	1	*****
41	TD 506	PNEUMATICS & HYDRAULICS-II	TH	1	***
42	TD 507	3D CAM LAB	PR	3	***
43	TD 508	CAM-I	PR	4	***
44	TD 509	PROJECT WORK-I	PR	17	*****
45	TD 601	INDUSTRIAL MANAGEMENT	TH	2	*
46	TD 602	PRODUCTION MANAGEMENT AND CONTROL	TH	2	*
47	TD 603	MOULD TECHNOLOGY-IV	TH	1	*****
48	TD 604	MOULD DESIGN-II	PR	4	*****
49	TD 605	PRESS TOOL TECHNOLOGY-IV	TH	1	*****
50	TD 606	CAM-II	PR	2	***
51	TD 607	PROJECT WORK-II	PR	23	*****

*****= 21 subjects
****= 03 subjects
***= 12 subjects
**= 08 subjects
*= 07 subjects

Bhasker Sharma
H.O.D. Mechanical Engineering
A.T.T.C. Bardang, Sikkim

VICE PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

Lochan Adhikari
H.O.D. ME & MT-cum-(D&DO)
Advanced Technical Trg. Centre
Bardang, East Sikkim

PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

Annexure VI

DIPLOMA IN MECHANICAL ENGINEERING

SL. NO.	CODE	NAME OF SUBJECT	TYPE	HRS. PER WEEK	RATING
1	MC 101	ENGLISH COMMUNICATION-I	TH	2	**
2	MC 102	APPLIED SCIENCE	TH	4	**
3	MC 103	MATHEMATICS-I	TH	3	**
4	MC 104	MATERIAL SCIENCE	TH	2	***
5	MC 105	MECHANICAL ENGINEERING	TH	2	*****
6	MC 106	ENGINEERING DRAFTING-I	TH	7	****
7	MC 107	APPLIED SCIENCE LAB	PR	3	**
8	MC 108	WORKSHOP PRACTICE-I	PR	9	*****
9	MC 109	BASIC COMPUTER APPLICATION AND CAD	TH	3	**
10	MC 201	ENGLISH COMMUNICATION-II	TH	2	**
11	MC 202	MATHEMATICS-II	TH	3	**
12	MC 203	ELEMENT OF MECHANICAL ENGINEERING	TH	3	*****
13	MC 204	ELECTRICAL & ELECTRONICS ENGINEERING	TH	3	**
14	MC 206	C PROGRAMMING LAB	PR	3	*
15	MC 207	ELECTRICAL & ELECTRONICS ENGINEERING LAB	PR	2	*
16	MC 208	ENGINEERING DRAFTING-II	TH	7	****
17	MC 209	WORKSHOP PRACTICE-II	PR	10	*****
18	MC 210	CAD LAB	PR	2	***
19	MC 301	STRENGTH OF MATERIALS	TH	3	***
20	MC 302	MECHANICS OF MACHINES	TH	3	****
21	MC 303	MACHINE SHOP-I	PR	12	*****
22	MC 304	MECHANICAL MEASUREMENT & METROLOGY	TH	3	*
23	MC 305	PRODUCTION TECHNOLOGY AND JIGS AND FIXTURES	TH	4	****
24	MC 306	THERMAL ENGINEERING-I	TH	3	*****
25	MC 307	FLUID MECHANIC	TH	3	*****
26	MC 308	CUTTING TOOL ENGINEERING	TH	2	***
27	MC 309	CAD LAB	PR	2	***
28	MC 401	NON CONVENTIONAL ENERGY SOURCES	TH	3	****
29	MC 402	OIL HYDRAULICS AND PNEUMATICS	TH	3	***
30	MC 403	HYDRAULICS AND PNEYMATICS LAB	PR	3	***
31	MC 404	MACHINE SHOP-II	PR	8	*****
32	MC 405	MECHANICAL TESTING LAB	PR	3	****
33	MC 406	PRODUCTION TECHNOLOGY-II	TH	3	*****
34	MC 407	THERMAL ENGINEERING-II	TH	4	*****
35	MC 408	MACHINE DESIGN A& DRAWING	TH	6	*****
36	MC 409	3D CAD LAB	PR	2	***
37	MC 501	FOUNDRY TECHNOLOGY	TH	3	****
38	MC 502	CNC PROGRAMMING	TH	3	***
39	MC 503	CNC PROGRAMMING AND MACHINE OPERATION LAB	PR	7	***
40	MC 504	HEAT TREATMENT & SURFACE TREATMENT	TH	3	*
41	MC 505	AUTOMOBILE ENGINEERING	TH	4	****
42	MC 506	POWER PLANT ENGINEERING	TH	4	*****
43	MC 507	3D CAD & CAM LAB	PR	4	***
44	MC 508	METROLOGY AND QUALITY CONTROL	TH	3	***
45	MC 509	MACHINE SHOP-III	PR	4	*****
46	MC 601	INDUSTRIAL MANAGEMENT	TH	2	**
47	MC 602	PRODUCTION MANAGEMENT & CONTROL	TH	2	**
48	MC 603	ESTIMATION & COSTING	TH	3	**
49	MC 604	MECHATRONICS	TH	4	***
50	MC 605	TOTAL QUALITY MANAGEMENT	TH	3	*
51	MC 606	3D CAD & CAM LAB	PR	2	***
52	MC 607	PROJECT	PR	19	*****

*****= 14 subjects
****= 08 subjects
***= 14 subjects
**= 11 subjects
*= 05 subjects

Bhasker Sharma
H.O.D. Mechanical Engineering
A.T.T.C. Bardang, Sikkim

VICE PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

Uechan Adhikari
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Advanced Technical Trg. Centre
Bardang, East Sikkim

Advanced Technical Training Centre
Bardang, East Sikkim

ADVANCED TECHNICAL TRAINING CENTRE,
BARDANG, EAST SIKKIM

Form to evaluate the effectiveness of teaching

Name of Teacher Ms. Rinchen G. Dorjee (Lecturer, Electronics / Mechatronics) Duration of teaching session 1 hr

							Score
Enthusiasm	Speaks expressively or emphatically	Moves about while lecturing	Gestures with hands and arms	Shows facial expression	Uses humour	Doesn't read lecture verbatim from notes	
	7 ✓	6 ✓	7 ✓	6 ✓	6 ✓	8 ✓	46/60
Organization	Has a detailed course syllabus NO.	Puts outline of lecture on the board NO	Uses headings and subheadings NO	Gives preliminary overview of lecture NO	Signals transition to new topic	Explains how each topic fits in NO	
					8 ✓		9/10
Clarity	Use concrete examples of concepts	Give multiple examples	Point out practical application	Stress important points	Repeat difficult ideas		
	8 ✓	8 ✓	7 ✓	7 ✓	8 ✓		43/50
Task Orientation	Advises students regarding exams	Provides sample exam questions	Proceeds at rapid rate	Doesn't Digress(stray) from theme of lecture	States course objectives NO		
	7 ✓	6 ✓	4 ✓	7 ✓			25/40
Interaction	Addresses students by name NO	Encourages questions & comments	Talks with students after class NO	Praises students for good ideas	Asks questions of class		
		7 ✓		7 ✓	6 ✓		23/30
Rapport	Are friendly, easy to talk with	Show concern for student progress	Offer to help students with problems	Tolerate other viewpoints NO			
	6 ✓	8 ✓	8 ✓			Total Score	29/30

Total score 174/220 (310 max) :Score percentage 79.1%.

Signature/remarks of evaluator

NOTE: The duration of teaching session may be more than 1 hour.

ATTC/COM/F/7530

Annexure VII

BOARD OF MANAGEMENT
ADVANCED TECHNICAL TRAINING CENTRE

No. BOM/ATTC/ 8 Dated: 14th May 2007

OFFICE ORDER

With the approval of Chairman, Board of Management, the following guidelines are hereby formulated for under taking scheme of consultancy work by ATTC Bardang, East Sikkim/CCCT, Chisopani, South Sikkim as per the recommended guidelines on Consultancy in Appendix 'D' of AICTE Notification No.165/CD/NCE/98-99, dated 30.12.1999:-

1. **Classification of Consultancy Projects:** The consultancy projects shall be classified into following categories:-

Type I - involving participation of faculty or group of faculty who use Institution's infrastructural facilities, such as workshop, laboratory, computer etc. for the work.

Type II – involving participation of faculty or group of faculty without using any Institution's infrastructural facilities.

2. **Sharing of Net Revenue between Institute & Faculty (including staff):** From the total revenue generated from consultancy work, an amount equivalent to 15% shall be remitted as overhead into the revenue account of the Institute and after deducting all expenditures including consumables, the sharing of net revenue shall be as follows :-

Type I – 50% to Development Fund of Institute and 50% to be shared by team involved with the work including support staff.

Type II – 30% to Development Fund of Institute and 70% to be shared by team involved with the work including support staff.

The permission to take consultancy assignments by faculty is subject to provisions of Service Rules and also without prejudice to the duties and responsibilities of such faculty or to the interest of institution and students. The Institute shall open separate Bank Account to operate the Development Fund.

A Committee under the Chairmanship of Principal with senior most faculty as Vice-Chairman and HOD/faculty In-charge as Member shall be constituted to monitor and operate the consultancy projects and fund generated thereof.

Chairman
Board of Management

BUREAU VERITAS
Certification

ADVANCED TECHNICAL TRAINING CENTRE

BARDANG, NH-31A, P.O – SINGTAM, PIN – 737 134,
EAST SIKKIM, INDIA.

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

Standard

ISO 9001:2008

Scope of certification

IMPART TRAINING LEADING TO DIPLOMA QUALIFICATION IN THE FIELDS OF:
COMPUTER ENGINEERING, MANUFACTURING TECHNOLOGY, MECHATRONICS, MECHANICAL ENGINEERING & TOOL & DIE MAKING.

Certification cycle start date: **26 July 2013**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: **25 July 2016**

Original certification date: **22 November 2007**

Certificate No. IND13.6377U Version : 1 Revision date: **26 July 2013**

Certification Authority
RAMESH KOREGAVE

UKAS MANAGEMENT SYSTEMS
008

Certification body address: *Brandon House, 180 Borough High Street, London SE1 1LB, United Kingdom*

Local office: *'Marwah Centre' 6th Floor, Krishanlal Marwah Marg, Opp. Ansa Industrial Estate, Off Saki Vihar Road, Andheri (East), Mumbai – 400 072, India*

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call **+91 22 6695 6300.**

NATIONAL BOARD OF ACCREDITATION

Promoting international quality standards for technical education in India

e-NBA BETA

ADVANCED TECHNICAL TRG CENTER

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Inbox(1)

Outbox

Archive

Write to NBA

Registration Balance Fee

Welcome to e-NBA

Attention

You have no action pending

Accreditation Work Flow

Video Tutorial

Textual Tutorial

Profile (Edit)

File No.:

Established (Year): 1998

Campus Address:

East(737134)

Email:

attc.skmpoly@gmail.com

Phone: 03592-235381

Website:

www.attc.skmpoly.edu.in

Key Person Details

Name:

SUBHANKAR PURKYASTHA

Designation: 1

Phone: 03592-235381

Email:

attc.skmpoly@gmail.com

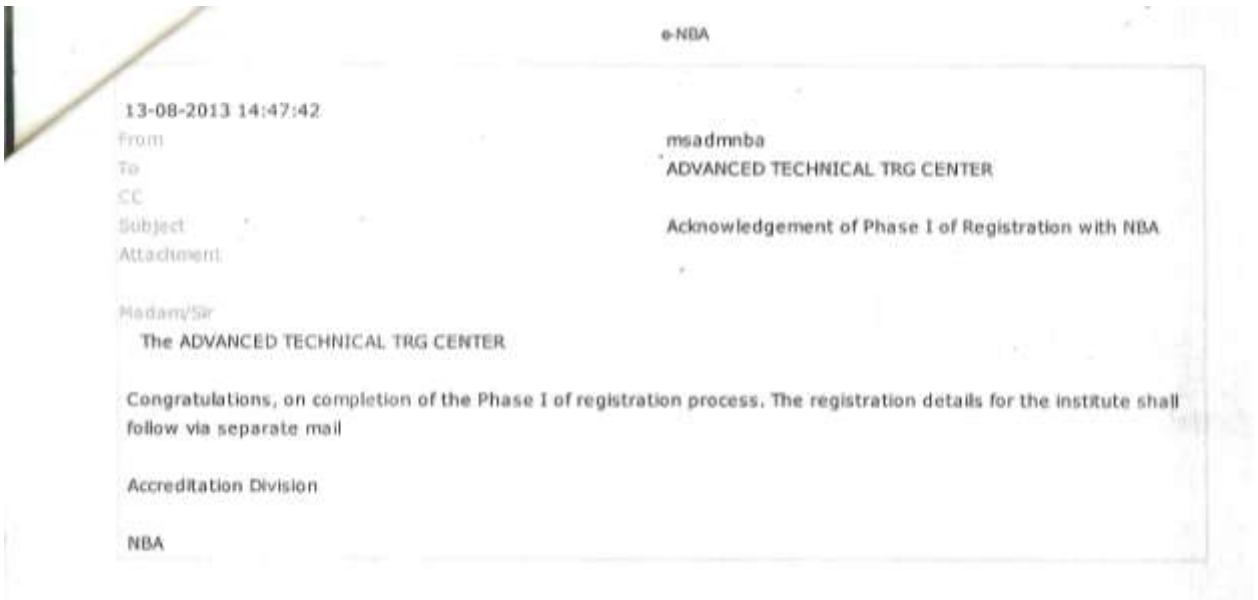
Video Call

Webinar

Webcast

Write to NBA

Online Payment



e-NBA

13-08-2013 14:47:42

From msadmnba

To ADVANCED TECHNICAL TRG CENTER

CC

Subject Acknowledgement of Phase I of Registration with NBA

Attachment

Madam/Sir

The ADVANCED TECHNICAL TRG CENTER

Congratulations, on completion of the Phase I of registration process. The registration details for the institute shall follow via separate mail

Accreditation Division

NBA

GOVERNMENT OF SIKKIM
LAND REVENUE DEPARTMENT, GANGTOK

Memo No..237..L/R Dated..18.1..8.1..99...~~19~~

To,

The Chairman,
A.T.T.C & C.C.C.T Polytechnics & Societies,
Education Department,
Government of Sikkim
Gangtok.

SUBJECT:REGISTRATION OF ADVANCED TECHNICAL TRAINING CENTRE, BARDANG.

Advanced Technical Training Centre,Bardang is hereby registered under Sl.No: 1094. Vol No: I in accordance with the Notification No: 1094 A/H dated 25.3.1960. On the Seventeenth day of August One Thousand Nine Hundred Nifty Nine on usual terms and condition.

The registration Number of the Association is ONE THOUSAND AND NINTY FOUR.

LAND REVENUE DEPARTMENT GOVERNMENT OF SIKKIM GANGTOK

Yours faithfully,

DEPUTY SECRETARY,
LAND REVENUE DEPARTMENT.

Deposited Vide B.R.
No;853127 dated 12.8.99.

Vice- Principal
Advanced Technical Training Centre
Bardang, East Sikkim

14(11)

Tel. (011) 3379010-13
3379015-18
Teletax : 011-3379023

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(An Autonomous Body of the Govt. of India by Parliament Act (52), 1987)

ी. जी. संगमेश्वर
B. G. Sangameshwara
कार
for
NO.750-76-001(E)/ET/95

e Secretary
ucation Department
vt. of Sikkim
shilling Extension
ngtok - 737 101.

.:AICTE approval to ADVANCED TECHNICAL TRAINING CENTRE, BARDANG, EAST SIKKIM, SIKKIM for additional Diploma course(s)/ variations in intake capacity in Engineering & Technology for the academic year(s) 1999-2000.

I am directed to state that on consideration of the reports of the Expert mittee and in consultations with the concerned agencies in this regard, the All dia Council for Technical Education (AICTE), is pleased to accord approval to VANCED TECHNICAL TRAINING CENTRE, BARDANG, EAST SIKKIM, SIKKIM, only for the rse(s) and intake capacity as given below :

rse(s)	Existing Intake	New Approved/ Revised Intake
&& MOULD MAKING	30	30
UFACTURING TECHNOLOGY	30	30
HATRONICS & INSTRUMENTATION	30	30
T DIP. IN DIE & MOULD MAKING	15	15
T DIP. IN MANUFACTURING TECH.	15	15
T DIP. IN MECHATRONICS & INSTRU.	15	15
TOTAL	135	135

This approval has been accorded subject to fulfillment of norms & standards of Council for the course(s) and intake approved above.
This approval has been accorded subject to fulfillment of norms & standards of Council and specific conditions as per Annexure I.

- 1/ -

ATTESTED
Govt. of Sikkim
Labour Dept.

9.9.99

Indira Gandhi Sports Complex, I. P. Estate, New Delhi -110 002

SWOT Analysis (ATTC,TEQUIP 2013 July-August)

Name and Designation of Assessor DMT 1st Year. Section: 2013. Signature _____

(This SWOT is for ATTC. Many criteria can apply to more than one quadrant. Identify criteria appropriate to your own SWOT situation.)

criteria examples

Advantages of Location?
Capabilities?
Competitive advantages?
Unique courses?
Resources, Assets, People?
Experience, knowledge, data?
Financial reserves, likely returns?
Students reach, placement, awareness?
Innovative aspects?
Location and geographical?
Fee, value, quality?
Accreditations, qualifications, certifications?
Processes, systems, IT, communications?
Cultural, attitudinal, behavioural?
Management,cover, succession?
Philosophy and values?

strengths

1. approved by AICTE
2. Good placement
3. Good faculties.
4. Equiped with latest machine
5. Its Neare to highway.

weaknesses

1. unhygienic food.
2. Poor water management.
3. Lack of Playground.
4. Shortage of bench in classroom.
5. Internet facilities are not accessible in hostels.
6. Latest books are Not there.

criteria examples

Disadvantages of courses?
Gaps in capabilities?
Lack of competitive strength?
Reputation, presence and reach?
Financials?
Own known vulnerabilities?
Timescales, deadlines and pressures?
Effects on core activities, distraction?
Morale, commitment, leadership?
Accreditations, etc?
Processes and systems, etc?
Management cover, succession?

criteria examples

Global developments?
Competitors' vulnerabilities?
Industry or lifestyle trends?
Technology development and innovation?
Global influences?
New markets, vertical, horizontal?
Niche target ?
Information and research?
Partnerships, agencies, distribution?
Volumes, production, economies?
Seasonal, weather, fashion influences?

opportunities

1. Enlargement of campus/workshop.
2. Centralize A/C room
3. Classrooms Equipped with smart class.
4. Tie up with good college and NIT.
5. Two gates should be made In and out.
6. Additional of College bus.
7. Food Price should be Nominal.
8. ATM facilities inside the campus.
9. Swimming pool should be there inside the campus.
10. Laundry facilities.

threats

1. Quality Education to be provided.

criteria examples

Political effects?
Legislative effects?
Environmental effects?
IT developments?
Competitor intentions - various?
Market demand?
New technologies, services, ideas?
Vital contracts and partners?
Sustaining internal capabilities?
Obstacles faced?
Insurmountable weaknesses?
Loss of key staff?
Sustainable financial backing?
Economy - home, abroad?
Seasonality, weather effects?

THRUST AREAS: (which are the major areas where you think that the Institute must concentrate on improving)

Please fill up all the four quadrants. Your filling up will help us to formulate and indentify key thrust areas and plan for a better and healthier ATTC. The criteria examples are just guidelines and need not be followed strictly. Please come up with your own genuine points. Thanks.

(Please submit the form by 5th of August 2013)

SWOT Analysis (ATTC,TEQUIP 2013 July-August)

Name and Designation of Assessor _____ Signature _____

(This SWOT is for ATTC. Many criteria can apply to more than one quadrant. Identify criteria appropriate to your own SWOT situation.)

criteria examples

Advantages of location?
Capabilities?
Competitive advantage?
Unique courses?
Resources, assets, people?
Experience, knowledge, data?
Financial reserves, likely returns?
Students reach, placement, ...
intangibles?
Innovative aspects?
Location and geographical?
Fee, value, quality?
Accreditations, qualifications, certifications?
Processes, systems, IT, communications?
Cultural, attitudinal, behavioural?
Management cover, succession?
Philosophy and values?

strengths

1. Unique Courses are offered which are not provided by many other institutes.
2. Trained and Qualified Faculty
3. Location of the institute on National H/way
4. ISO Certification
5. Good Reputation in the industries
6.

weaknesses

(1) Lack of support from State Govt.
(2) Lack of involvement of DTE
(3) SPACE for future Extension & Expansion
(4) Gradually lacking in work culture of human resources
(5) Attitudinal problem among the students towards studies.
(6) Obsolescence of equipment
(7) Lack of procedural planning
(8) High Fee structure.

criteria examples

Disadvantages of courses?
Gaps in capabilities?
Lack of competitive strength?
Reputation, presence and reach?
Financials?
Own known vulnerabilities?
Timescales, deadlines and pressures?
Effects on core activities, distraction?
Morale, commitment, leadership?
Accreditations, etc?
Processes and systems, etc?
Management cover, succession?

criteria examples

Global developments?
Competitors' vulnerabilities?
Industry or lifestyle trends?
Technology development and innovation?
Global influences?
New markets, vertical, horizontal?
Niche target?
Information and research?
Partnerships, agencies, distribution?
Volumes, production, economies?
Seasonal, weather, fashion influences?

opportunities

(1) Growing demand of skill manpower in the industries
(2) Central Govt. policies for upliftment of institutes in NE Region
(3) Location of SMIT for upgradation of qualification for Faculty.
(4) Encouraging policies for higher education for Faculty.

threats

(1) Upcoming institute of similar nature in North and west district.
(2) Publicity of other institutes from south India.
(3)
(4)

criteria examples

Political effects?
Legislative effects?
Environmental effects?
IT developments?
Competitor intentions - ...s?
Market demand?
New technologies, ...ions?
Vital constructs and ...?
Sustaining informal ...?
Obstacles faced?
Insurmountable weaknesses?
Loss of key staff?
Sustainable financial ...?
Economy - home, abroad?
Seasonality, weather effects?

THRUST AREAS:
(which are the major areas where you think that the Institute must concentrate on improving)

(1) Advertisement in other states. (2) Getting Support from State Govt.
(3) Procurement of land for expansion.

Please fill up all the four quadrants. Your filling up will help us to formulize and identify key thrust areas and plan for a better and healthier ATTC. The criteria examples are just guidelines and need not be ...ed strictly. Please come up with your own genuine points. Thanks.
(Please submit the form by 5th of August 2013)

CONSOLIDATED ANALYSIS OF SWOT

Strength			Weakness			Weakness			
Sl No	Points/criteria	Number of respondents	Sl No	Points/criteria	Number of respondents	Sl No	Points/criteria	Number of respondents
1	Advantage of Location	48	1	High Fee Structure	27	27	No dedicated classrooms	6
2	Modern and well equiped Lab & Workshop	41	2	Space constraints(Lack of expansion)	25	28	Fine imposed for disciplinary cases too high	6
3	Young and qualified Faculty	41	3	Drop in Placement	24	29	Students frequently damaging institutes property like glass,swithces toilet fittings etc	6
4	AICTE approved	35	4	Poor Hostel facilities	22	30	Lack of industrial training and visits	5
5	ISO certified	25	5	Lack of extra co curricular activity	22	31	Lack of commitment from teaching faculty&incomplete job responsibilities	4
6	Industry and Practical oriented course	23	6	Lack of maintenance of existing facilities like classrooms,labs etc	21	32	ISO not implemented properly	4
7	Specialised Courses Offered	18	7	Lack of Playground	21	33	Poor canteen & expensive	4
8	Good Placement record	17	8	No internet in the hostel	20	34	Low intake	3
9	Good library/gym and other facilities	7	9	Frequency and lack of Transport from Singtam & Gangtok	19	35	Courses not suited for local needs	3
10	Healthy student teacher relationship	7	10	Poor intake Quiety	15	36	Lack of Ownership among staff and students	3
11	Homely environment	6	11	Cultural equipment like sound system not good	14	37	No heirachy management system	3
12	Proper implemenation of Rules and regulations	6	12	Lack of team work and synergy among staff	12	38	Delay in crucial policy decision by BOM	3
13	Good internet	5	13	poor management	12	39	Poor in spoken english	3
14	Good Work Culture	5	14	Inadequate computer systems	10	40	Students not punctual and the same not monitored	3
15	Efficient administrative staff	4	15	Mess food not good	10	41	Timely revision of syllabus	2
16	Good overall development for students	4	16	High no of working hours	9	42	Lack of proper MIS	2
17	Good Salary	3	17	Small classroom size	9	43	Inadequate resources (mechanical equipment and furniture)	1
18	Good canteen	3	18	Industry and	9	44	Staff quarter converted into hostel	1
19	No Ragging	3	19	Lack of marketing	8	45	Poor security for hostellers eg fence etc	1
20	Autonous Polytechnic	2	20	New teachers lack experience	8	46	Non conduction of personality development classes for final year students	1
21	Good institutional Management	2	21	Lack in planning and execution of work in the institute	7			
22	Diverse student population	2	22	Lack of ambulance in case of emergency	7			
23	Government Support	1	23	Auditorium sound not proper,too much echo	7			
24	Upgradation of Qualification of staff and faculty	1	24	Human resources not utilised to it possible capacity	6			
25	Good faculty student ratio	1	25	Lack of Training to faculty and staff	6			
			26	Poor library management	6			

CONSOLIDATED ANALYSIS OF SWOT

Oppurtunity

Sl. NO	Points/criteria	Number of respondents
1	Institute Industry Partenership	26
2	Global demand for skilled technicians	14
3	Focus Research & Development	13
4	Training and Further studies for faculty	12
5	Different AICTE Schemes & Support	11
6	Innovative Teaching Methods	10
7	MOU with institutes of repute	9
8	Start Graduate courses in certain fields	6
9	New markets for student intake	4
10	Start New Diploma courses	4
11	Internal revenue Generation	4
12	Conduct short term courses	3
13	Active participation in Community college scheme	3
14	Start guidance cell	3
15	Smart classroom development	3
16	Growth of industries in the state	2
17	Correspondence courses	1
18	Participate and conduct in national level competitions and projects	1
19	Less no of polytechnics in sikkim,only polytechnic offering mechanical based courses	

Threats

Sl. NO	Points/criteria	Number of respondents
1	Poor water supply	21
2	Lack of Financial support from GOS and financial planning	17
3	Mushrooming of institutes offering low fee and high marks	12
4	Lack of Manufacturing and related industries in sikkim offering job opportunites	12
5	Erratic power supply	12
6	Recession in industry reducing placement opportunites	10
7	Experienced teachers leaving	8
8	Establishemnt of two new polytechnics may reduce intake	7
9	Lack of awarenses on technical education in the state and country	6
10	Global rise in abuse of Drugs and alcohol	6
11	Extreme weather conditions	6
12	Lack of state policy on technical education in Sikkim	4
13	Rapid change in industrial demand ,institute unable to cope up	3
14	Natural Calamites like earthquake	3
15	Exponetial demand for civil engineers	2
16	Obsoletion of equipment	2
17	Growing competion	2
18	Lack of good equipment and learning resources supliers in the market	1

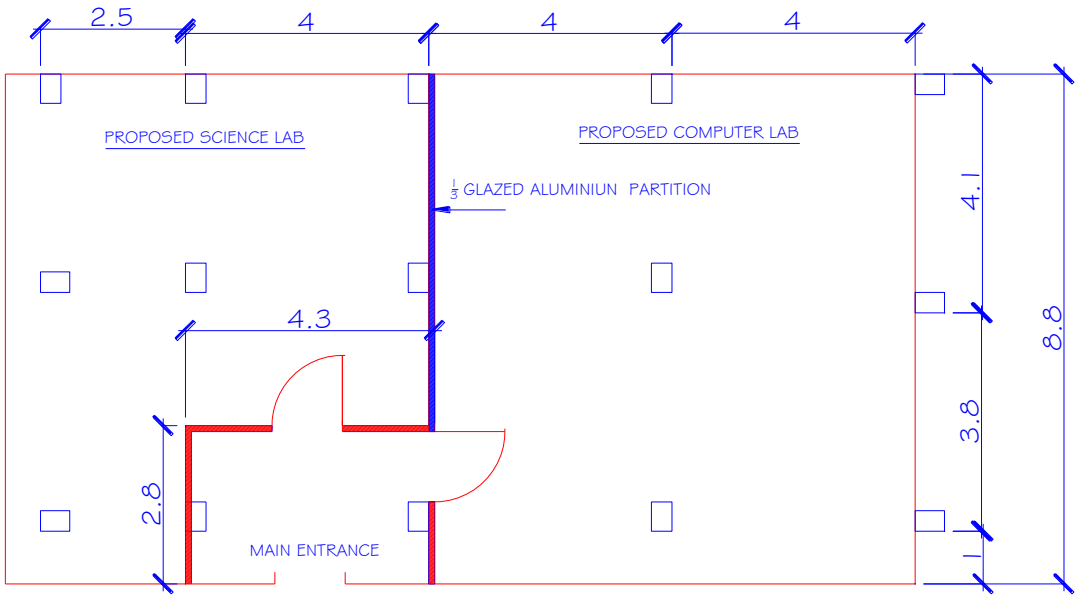
I

ESTIMATE for repair of Drawing hall

Sl.No	Particulars	QTY	Unit	Rate		Amount (in Rs.)
1	**Floor** 17.50 x 10 Repair	175.00	sq.m **Rs**	**1340.00**		
		175.00	sq.m			234500.00
2	Repair of roofing	lumpsum				100000.00
3	Furnishing and Fitting	lumpsum				100000.00
4	Contingency					70000.00
				Total		**504500.00**

In Words (**Five Lakhs Four Thousand Five Hundred**)only/-

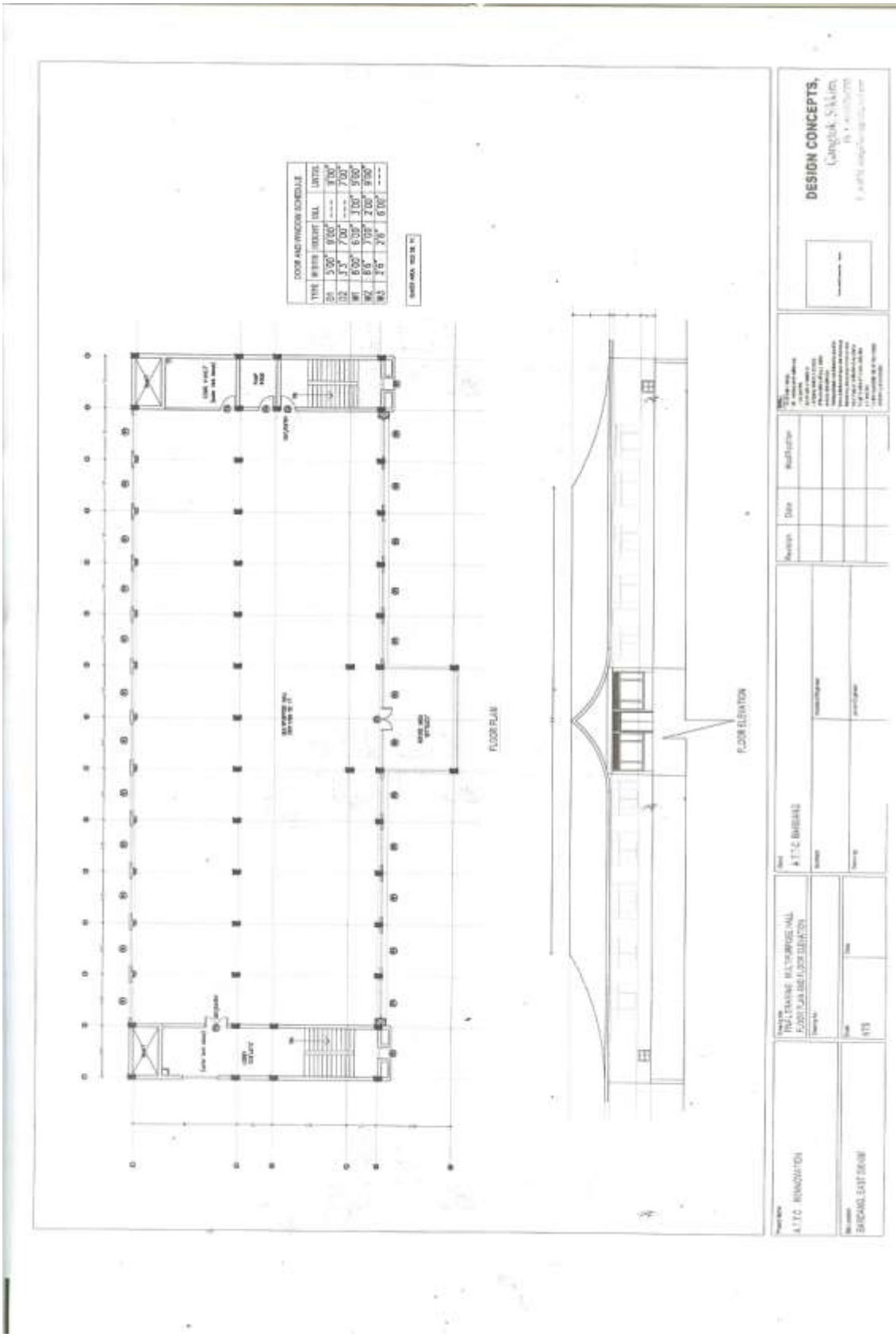
PARTITION OF READING/PHARMA ROOM



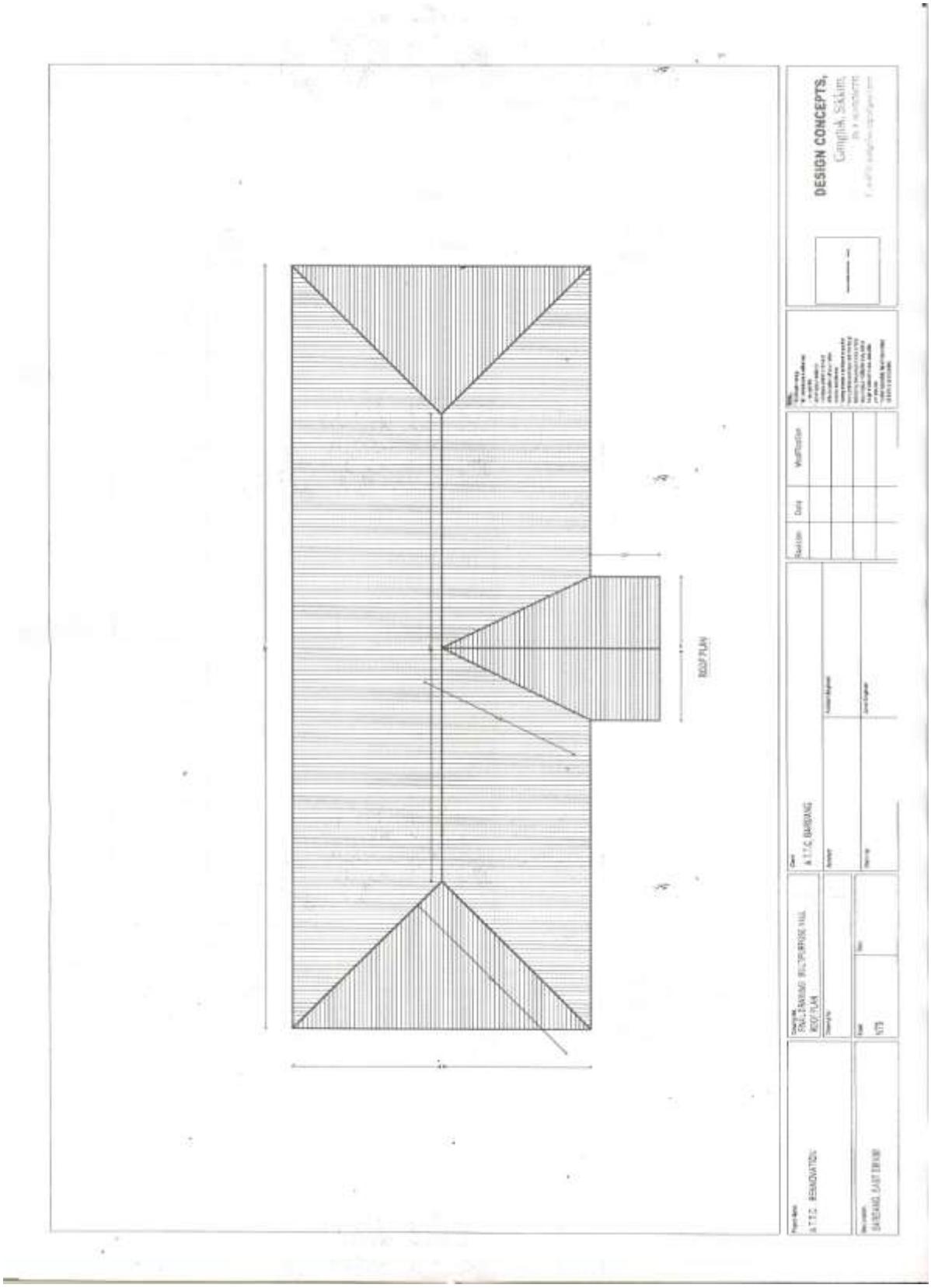
All dimensions are in meters

Area measuring for computer lab - (8.8x3.65) =32.12meters
Area measuring measuring for science lab -(7.1x3.65)=25.9 meters

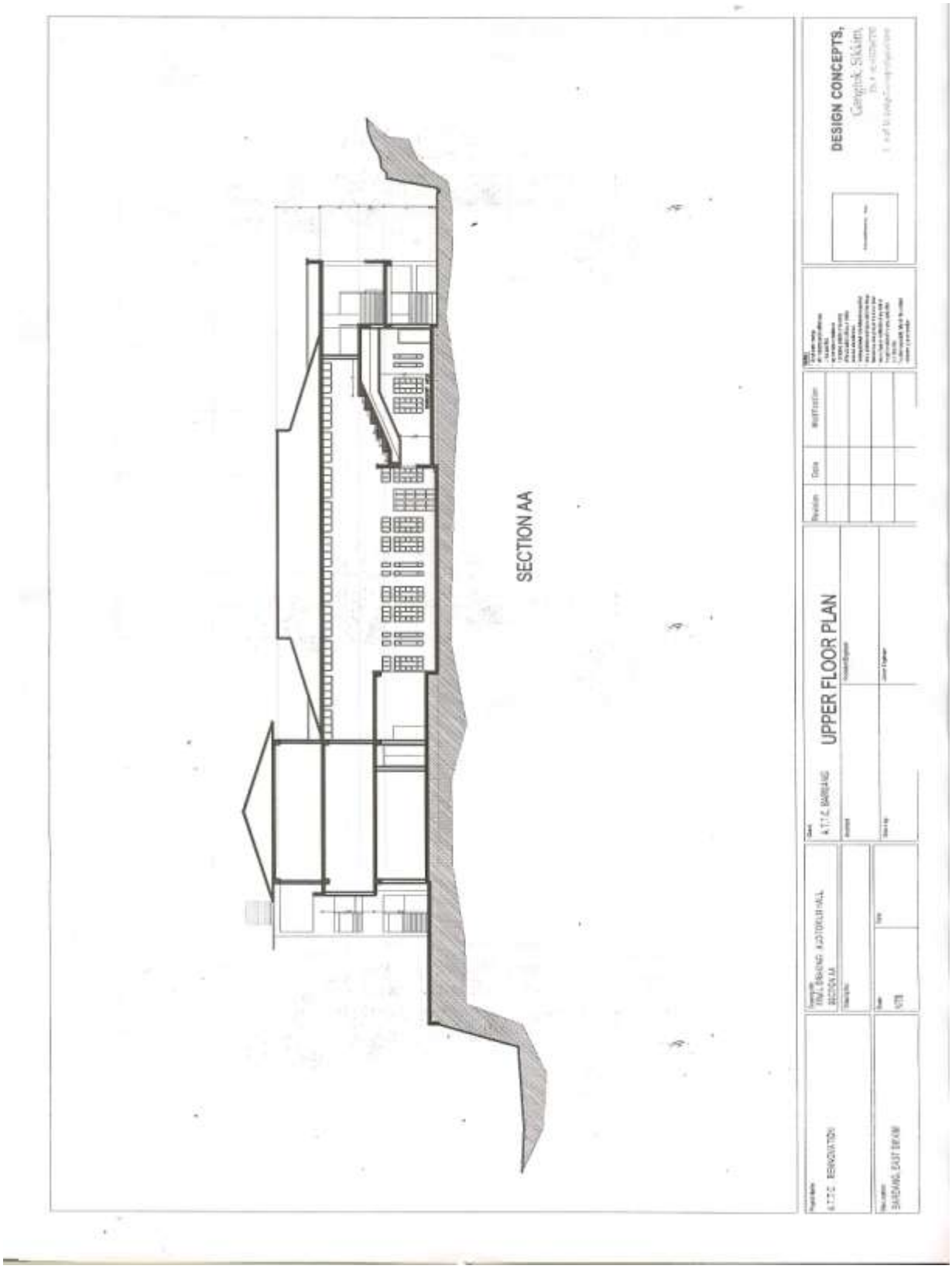
Sl.No	Particulars	QTY	Unit	Rate	Amount (in Rs.)
1	**Partition** 13.11 X 3.7 1/3 Glazed Aluminium partition	48.51	sq.m **Rs**	**3013.00**	
		48.51	sq.m		146151.59
2	Sound Proofing	lumpsum			100000.00
3	Repair of roofing	lumpsum			100000.00
4	Furnishing and Fitting	lumpsum			100000.00
5	Contingency				50000.00
				Total	**496151.59**


DESIGN CONCEPTS,
FLOOR PLAN
FLOOR ELEVATION

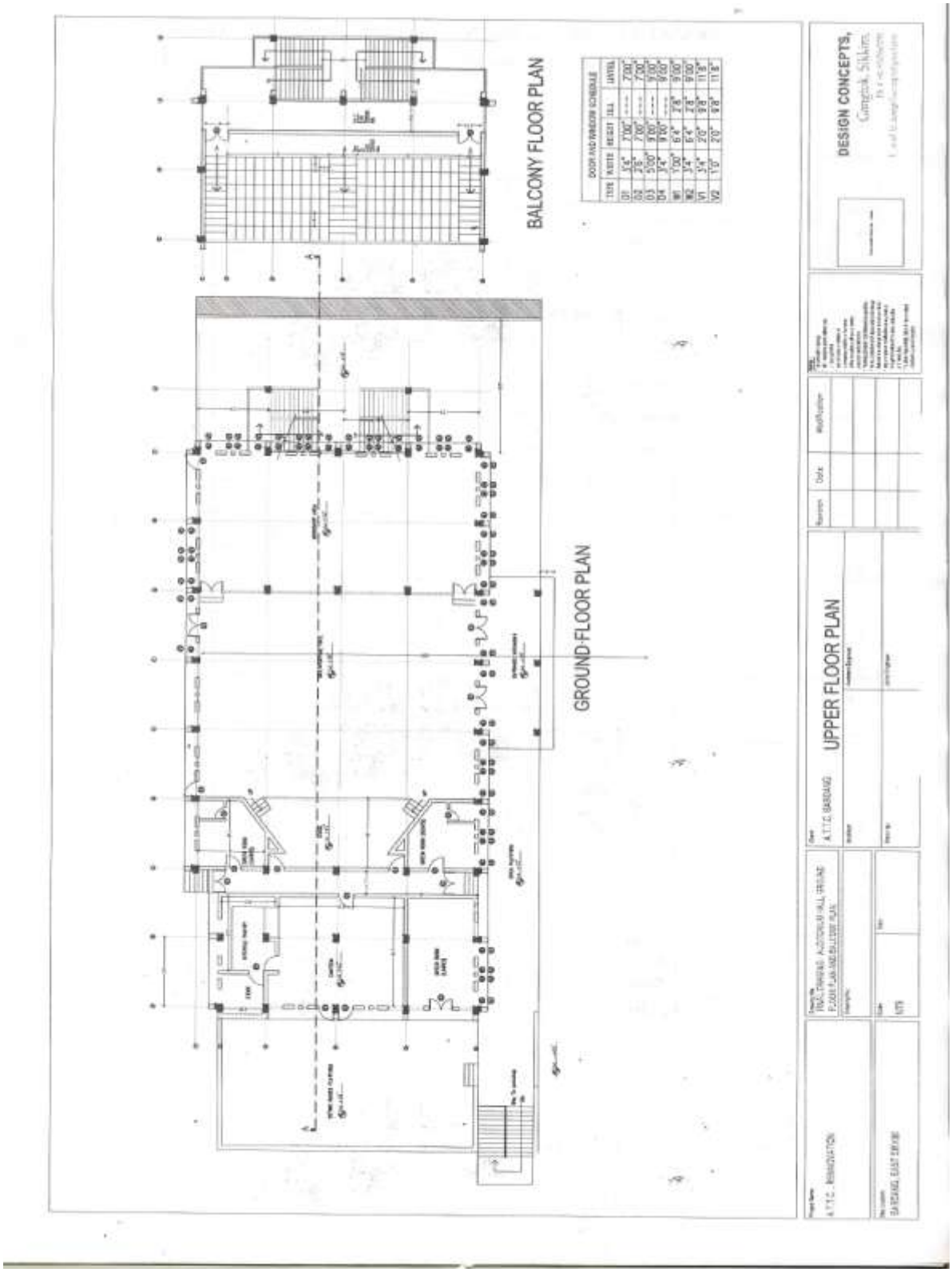
Annexure XV (Plan for extension in academic block)



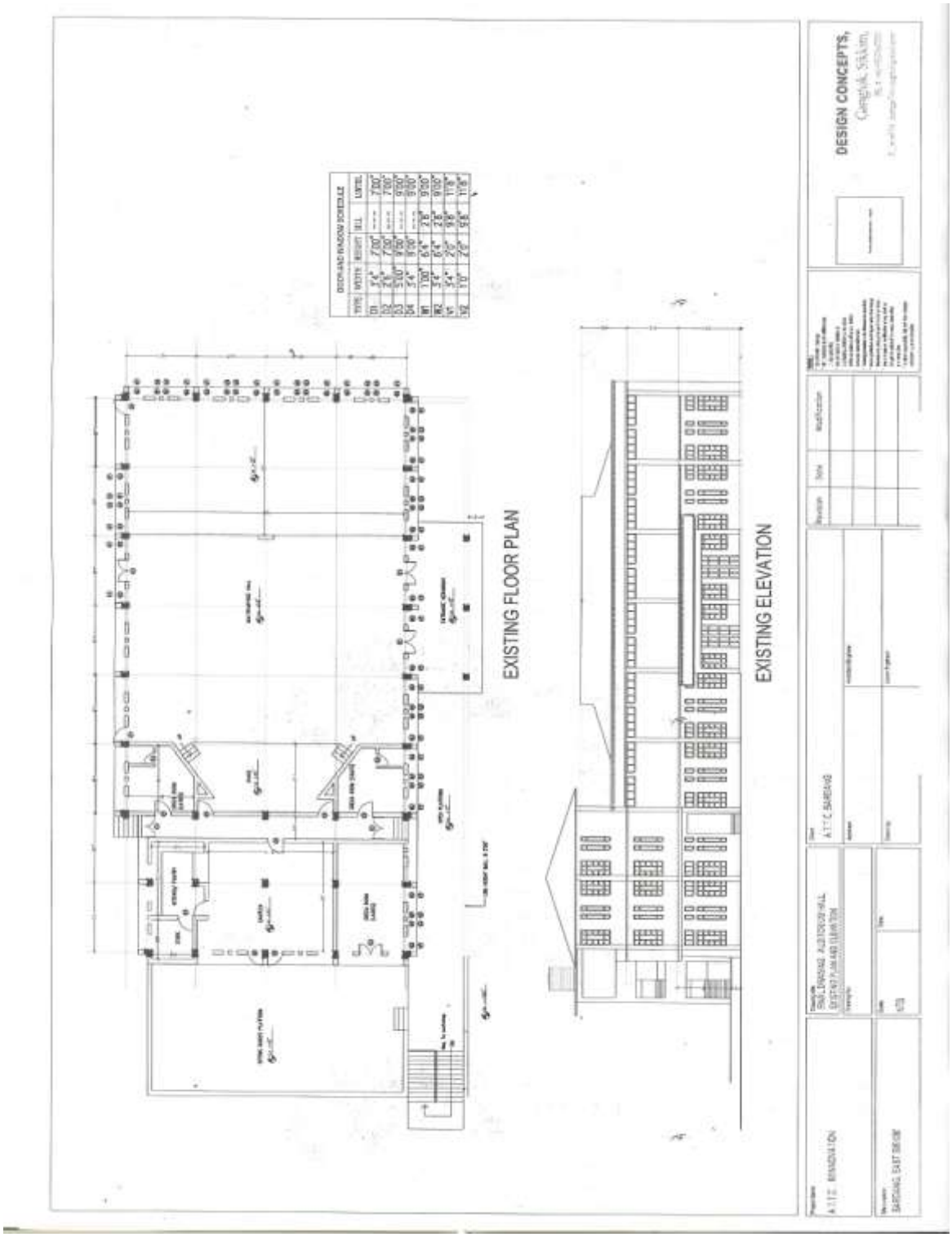
Annexure XV (Plan for extension in Multipurpose hall)



Annexure XV (Plan for extension in academic block)



Annexure XV (Plan for extension in academic block)



ESTIMATE for roofing and creating hall on terrace of Administration Block,at ATTC ,Gangtok,East Sikkim.

Sl. No	Particulars	QTY	Unit	Rate		Amount
1	RCC columns and beams					
	COLUMNS					
	30 x 0.30 x 0.30 x 4	10.80				
	MAIN BEAM					
	1 X 0.30 X 0.30 X 120.00	10.80				
		21.60	cum	5495.67		118706.47
2	Supplying, bending and placing in position tor steel reinforcement in all R.C.C works including cost of binding wires, all complete.					
	21.60 @ 130 kg/cum	2808.00	kgs	67.28		188922.24
3	**Formwork**					
	columns	144.00	sqm	719.18		103561.92
	beams	120.00	sqm	415.46		49855.20
4	**Brickwork**	325	sqm	639.14		207720.50
5	**Plaster**					
		1050	sqm	191.46		201033.00
6	**Wall putty & paint**	800	sqm	60.46		48368.00
7	**Aluminium Windows**					
	2.4 X 2.4 X 25	144	sqm	754.83		108695.52
8	**Vitrified tiles**	870.00	sqm	1571.53		1367231.10
9	**False ceiling(dhupi)**	1200	sqm	1886.06		2263272.00
10	**Roofing Truss**					
	1056.4sqm X 22.75 = 24033 kgs					
	24033kgs X Rs 72.64per kg = Rs 17,45,757					1745757.00
11	**Roofing**	1300	sqm	942.52		1225276.00
		TOTAL				**7628398.95**
*	Rates considered are as per **Schedule of Rates 2012,**approved by Government of Sikkim.					
	In Words (**Seventy six Lakhs twentyeight thousand three hundred and ninetyeight**)only/-					

ESTIMATE for roofing and creating hall on terrace of Administration Block,at ATTC ,Gangtok,East Sikkim.

Sl. No	Particulars	QTY	Unit	Rate		Amount
1	RCC columns and beams					
	COLUMNS					
	30 x 0.30 x 0.30 x 4	10.80				
	MAIN BEAM					
	1 X 0.30 X 0.30 X 120.00	10.80				
		21.60	cum	5495.67		118706.47
2	Supplying, bending and placing in position tor steel reinforcement in all R.C.C works including cost of binding wires, all complete.					
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11	**Roofing**	1300	sqm	942.52		1225276.00
			TOTAL			**7628398.95**

* Rates considered are as per **Schedule of Rates 2012**,approved by Government of Sikkim.

In Words (**Seventy six Lakhs twentyeight thousand three hundred and ninetyeight**)only/-

INDIVIDUAL SCHEDULE OF TRAINING

Name of Faculty/Staff member:-	SAMEER LAMICHHANEY
Desgination:-	LECTURER
Basic Qualification:-	B.E (MECH)
Higher Qualification	

Willingness for higher studies:-	Yes/No	Yes
Part Time/ Full Time :-		Part Time
Expected/Tentative admission year:-		2014

Short Term trainings (to be planned for a period of 3 years):-

Sl. No.	Name/Subject of training	Duration (in weeks)	In house or external	Expected/Tentative venue	Expected/Tentative month/year of training	Other Remarks
1.	CNC Machine	1	Both	Kolkata, Chandigarh, Delhi	2013-14	
2.	Pro E	2	external	"	"	
3.	Auto CAD	1	"	"	2014-15	
4.	CAM	2	external	"	20 "	
5.	Welding Technology	1	external	"	2015-16	
6.	MATLAB for Engineers	1	external	"	2015-16	
7.	Fabrication Techniques	1	"	"	2015-16	
8.	TIG & MIG	1	Both	"	2015-16	
9.	Oil Hydraulics & Pneumatics	1	external	16/09/2013 - 20/09/2013	NITTR KOLKATA.	

Any other Remarks:-

Signature

PROPOSAL FOR INDUSTRY-INSTITUTION-INTERACTION CELL (I-I-I-C)

1. Objective:

The main objective of forming an Industry-Institute Interaction Cell is to bring about a better interaction between Technical institutions and industry. This will have great bearing on the Engineering Curriculum, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the country. With the advent of globalization and opening up of Indian economy to outside world, competitions among industries have become stiff. Now, there is an urgent need to prepare engineering students for jobs in multinational companies, by exposing them to newer technologies and engineering methodologies.

2. Scope:

The IIIC cell of ATTC with the above mentioned objectives shall meet at least twice per semester to discuss and formulate the road map for the growth of the Industry-Institute relationships.

The core members for the IIIC cell shall consist of the following members:

Chairman: Mr. Shubhankar Purkayastha (Principal, ATTC)

Members:

1. Mr. Sonam Palden Barfungpa (HOD, Computer Science)
2. Mr. Lochan Adhikari (HOD, DM and DMT)
3. Mr. Bhaskar Sharma (HOD, DME and DTDM)
4. Mrs. Rinchen G. Dorjee (Sr. Lecturer)
5. Mr. Jigmee Wangchuk Bhutia (Lecturer)
6. Mr. Pramod Shilal (Lecturer)
7. Mr. Sameer Lamichaney (Lecturer)
8. Mr. Sangay Bhutia (Lab Instructor)

Convener: Mr. Deependra Chettri (Lecturer cum TPO)

Members from Industry/Entrepreneurs of the region:

1. Tshultim Khampa, Director, STP Pharmaceuticals
2. Dr. Arjun Adhikari, Proprietor, Paksam Group of Companies

3. Strategy:

As we have already done the SWOT analysis of our institute and since we are aware of our strengths and weaknesses, the designing of the roadmap for interaction with Industry during the first period will be concentrated on building up ties with the local and non-local industries and also signing of MOUs with them. First level of talks has already been done with the following companies:

1. Harley Davidson Motorcycle Company
2. ZTE Telecom
3. STP Pharmaceuticals
4. Paksam Group of Industries

These companies have agreed to participate in the above mentioned objectives. The finalization and signing of MOU shall be done as early as possible.

4. Activities planned under IIIC:

The IIIC of ATTC will help:

1. To encourage industry and organizations for placement and training of students in Industries.
2. To promote participation of industry personnel in the development of curriculum & high quality student projects.
3. To provide guest lectures by eminent personalities, academics, leading industrialists at regular intervals to update the students knowledge.
4. To provide service to industry such as library and information services to the industries for better Industry-Institute synergy.
5. To provide technical training to lower and middle level industry personnel in the recent advances in design, manufacturing and management disciplines.
6. In widening and effectively implementing the area of R & D and consultancy between the industries and the institute.
7. To get professionals from industry as visiting faculty or adjunct professors for short or long periods and deputation of faculty to industry to gain industrial experience and/or work on projects in industry.
8. To organize seminars, symposiums, exhibitions and workshops on latest technological advancements, evaluation of project work with collaborative efforts between industrial experts and institute departments industrial visit

5. Deliverables:

The IIIC of ATTC will function in providing:

1. Consultation in setting up of communication cell for interaction with the industry.
2. Facilitation in choosing final year projects.
3. Facilitation in arranging technical/industrial visits.
4. Facilitation in procuring technical trainers.
5. Conducting faculty training for bridging gap between industry expectation and education.
6. Facilitation in working with industries for getting their requirements and matching their hiring criteria with students' performance card.
7. Personality development programs.
8. Conversational and communication skill program.
9. Job interview training.
10. Project management.

6. Key Performance Indicators with Target Values

Sl. No.	Indicators	Target values for IIIC		
		2013-2014	2014-2015	At the closure of the project
1.	Signing of MOUs with industries.	Total 05 nos.	Total 10 nos.	Total 15 nos.
2.	Percentage of eligible students being placed different industries after completion of their courses.	More than 50%	More than 75%	100%
3.	Percentage of latest technical training provided to middle and lower level employees of surrounding industries.	1%	3%	5%
4.	Number of guest lecturers provided per semester	02 per semester	04 per semester	06 per semester
5.	Conduction of seminars/symposiums/ exhibitions/workshops	01 per year	01 per semester	02 per semester
6.	Percentage of R&D provided to different industries			

Annexure XVIII

Details of Equity Action Plan

S. No	Activity	Actions	Responsibility	Frequency	Monitoring Indicators
(i)	To identify weaknesses in all students and take remedial steps	a. Identification by Competency based tests b. Tutorial classes to be included in the weekly time table c. Extra classes for students to clear backlog subjects to be held at off days of the Institute	AI, HoDs	Competency based tests to be conducted at the end of first month of each semester and remedial classes to be scheduled throughout the semester	Since the percentage of the transition of students from 1st year to 2nd year has always been high , the monitoring indicator for this activity would be percentage of students having all subjects clear in the first attempt
(ii)	Improvement in Communication Skills and English Language	a. Competency tests for English Language b. Setup of Language Lab c. Special classes for identified weak students	AI, HoDs, Subject Incharge (Communication Skills)	Continuous	Improvement in job placement of students, especially among those with disadvantaged backgrounds
(iii)	Upgradation of qualification	Upgradation of eligible faculty members for qualification upgradation to Bachelor, Masters in Engieering Discipline and PhD Degree	BoG, Principal, AI, HoDs, Manager (Admin)	Yearly	Increase in the percentage of teachers enrolled in B Tech, MTech and doctorate reported yearly

S. No	Activity	Actions	Responsibility	Frequency	Monitoring Indicators
(iv)	Make campuses physically and socially gender-friendly; especially provide adequate and suitable facilities to women students and faculty	a. Establishment of special rooms for Women faculty and staff and also Girls room for students b. Making the campus friendly for specially ableed students	BoG, Principal, Manager (Admin)	Within 6 months of Project	Formation of Womens room and Girls room Incase of admission of physically specially abled students then labs and classes to be conducted facilitating the said trainee
(v)	Organisation of seminars and workshop for subject related and motivational programs	Organisation of seminars/workshops per semester	Groups of 3 project institutions	Yearly	Organisation of atleast 4 seminars/workshop per year

Annexure XIX

Material and Soil Testing Lab

S. No.	Description	Unit	Rate in Rs.
1	**SIEVES:**		
A	**200mm dia Sieves in Brass Frame, Size:**		
a	Size:- 4.75mm, 4mm, 3.35mm, 2.8mm, 2.36mm, 2mm, 1.70mm, 1.40mm,		
	1.18mm, 1.0mm, 850micn.,710micn., 600micn., 500micn., 425micn.,		
	355micn., 300micn., 280micn., 212micn., 180micn.,150micn.		
	(RATE OF ANY SIEVE).	Set of 1 each	17850
b	Size:- 125micn.	1	950
c	Size:- 106micn.	1	950
d	Size:- 90micn.	1	1075
e	Size:- 75micn.	1	1075
f	Size:- 63micn.	1	1225
g	Size:- 53micn.	1	1780
h	Size:- 45micn.	1	1885
i	Lid and Pan for 20cm dia. Sieves in Brass Frame.	1	850
B	**450mm dia Sieves in G.I. Frame , Size:-**		
	125mm, 106mm, 100mm, 90mm, 80mm, 75mm, 63mm, 53mm, 50mm,		
	45mm, 40mm, 37.5mm, 31.5mm, 26.5mm, 25mm,22.4mm, 20mm, 19mm,		
	16mm, 13,2mm, 12.5mm, 11.2mm, 10mm, 9.5mm, 8mm, 6.7mm, 6.3mm,	Set of 1 each	
	5.6mm, 4.75mm,Lid & Pan(Rate of Any Sieve)		23800
C	**300mm dia Sieves in G.I.Frame, Size:-**		
	125mm, 106mm, 100mm, 90mm, 80mm, 75mm, 63mm, 53mm, 50mm,		
	45mm, 40mm, 37.5mm, 31.5mm, 26.5mm, 25mm,22.4mm, 20mm, 19mm,		
	16mm, 13,2mm, 12.5mm, 11.2mm, 10mm, 9.5mm, 8mm, 6.7mm, 6.3mm,	Set of 1 each	
	5.6mm, 4.75mm,Lid & Pan(Rate of Any Sieve)		19865
2	GLASS CYLINDER FOR TESTING BULKING OF SAND	1	1100
3	**Hot Air Oven. Thermostatically Temp. from Room Temp. to 250 deg.Cent.**		
i	**Inner Chamber is made of Alluminium:**		
a	350mm x 350mm x 350mm	1	19500
b	450mm x 450mm x 450mm.	1	24500
ii	**Inner Chamber is made of Stainless steel:**		
a	350mm x 350mm x 350mm	1	25500
b	450mm x 450mm x 450mm.	1	32500
	Note: If required Air Circulating Fan Charges Extra Rs. 4400/-		
	Note: If required Digital temp.Controller Instead of Thermostate		
	Charges Rs.9000/- Extra.		
4	Core Cutter 100mm dia.x130mm long with Dolly & Hammer.	1	3650

5	**APPARATUS FOR COMPACTION TEST. For Soil:**		
A	Proctor Compaction Appts: For Light Compaction:		
a	Proctor Mould: 100mm dia.x 127.3mm ht.with collar and base plate		
	1000cc volume.		
i	Made of gun metal.	1	10900
ii	Made of mild steel.	1	4500
b	Rammer 2.6kg. Weight x310mm free fall.	1	2850
B	Proctor Compaction Appts: For Heavy Compaction:		
a	Proctor Mould: 150mm dia.x127.3mmht.with collar and base plate,		
	2250cc volume.		
i	Made of gun metal.	1	19500
ii	Made of Mild Steel.	1	6500
b	Rammer 4.89kg.weight x 450mm free fall.	1	3650
6	**Liquid Limit Device: With Tools.**		
a	Hand Operated with Counter.	1	6850
b	Motorised.	1	15500
7	**Laboratory C.B.R.:- Consist of:**		
a	**Load Frame:**		
i	Hand Operated, Capacity 5 Ton(Double Speed).	1	29500
	OR		**OR**
ii	Motorised: Capacity 5 Ton,Single Speed,1.25mm/Min.	1	45800
b	**C.B.R. Mould with Collar and Base Plate.**		
i	Made of Gun Metal.	1	19500
	OR		**OR**
ii	Made of Mild Steel.	1	3950
c	**Penetration Piston,face 50mm dia.(Without Dial Gauge)**	1	875
d	**Adjustable Bracket for Penetration.(Without Dial Gauge)**	1	775
e	**Circular spacer Disc,148mm dia.x47.7mmhigh with adjustable Handle**	1	2500
f	**Annular Metal Weight 2.5kgx147mmdia,with 53mm dia.Central Hole.**	1	1200
g	**Slotted Metal Weight 2.5kgx147mm dia.with 53mm dia.Slot.**	1	1200
h	**Perforated Brass Plate 148mm dia.with adjustable stem&lock nut.**	1	2100
i	**Metal Tripod for dial gauge(Without dial gauge)**	1	875
j	**Cutting Collar.**	1	1450
k	**Rammer 2.6kg.weight x 310mm free fall.**	1	1850
l	**Rammer 4.89kg.weight x 450mm free fall.**	1	2525
m	**Proving Ring Capacity 50 KN fitted with dial gauge 0.002mm/divn.with our calibration.**	1	9850
n	**Dial Gauge: 0.01mmx25mm travel.**	1	4850
	Optional Extra:		
o	Proving Ring Capacity 50 KN fitted with dial gauge 0.002mm/divn.with our calibration.	1	15500
p	Annular Metal Weight 5kgx147mmdia,with 53mm dia.Central Hole.	1	2650
q	Slotted Metal Weight 5kgx147mm dia.with 53mm dia.Slot.	1	2650

8	**Standard Penetration Test Apparatus for Soil:**		
a	Tripod Stand 5 mtr. Long in two pieces. 63mm dia.apox.	1	45200
b	Pulley for Above.	1	2500
c	Hamp Rope for Tripod 30mtr. Long.	1	9850
d	Drive Weight 65 Kg. Cast Iron.	1	23750
e	Drive Pipe Assembly(Guide Rod) (Without 65Kg.Weight)	1	10980
f	Drill Rod. 'A' Type		
i	1.0 Mtr. Long.	1	4650
ii	1.5 Mtr. Long.	1	6850
g	Adoter for 'A' Rod.	1	685
h	Cone with Adopter.	1	3560
i	Split Spoon Sampler With Brass Liner.	1	15520
9	**APPARATUS FOR COMPACTION TEST. For Soil:**		
A	Proctor Compaction Appts: For Light Compaction:		
a	Proctor Mould: 100mm dia.x 127.3mm ht.with collar and base plate		
	1000cc volume.		
i	Made of gun metal.	1	10900
ii	Made of mild steel.	1	4500
b	Rammer 2.6kg. Weight x310mm free fall.	1	2850
B	Proctor Compaction Appts: For Heavy Compaction:		
a	Proctor Mould: 150mm dia.x127.3mmht.with collar and base plate,		
	2250cc volume.		
i	Made of gun metal.	1	19500
ii	Made of Mild Steel.	1	6500
b	Rammer 4.89kg.weight x 450mm free fall.	1	3650
10	Specific gravity bottle 50ml. Capacity (glass)	1	750
	OR		OR
	Pycnometer With Brass cone. Capacity 900 ml. Aprox.	1	980
11	Rapid Moisture Meter:For Soil. Range 0-25% or 0-50%.	1	12500
12	HIGH PRECISION WEIGHING MACHINE (0.001GM)	1	10000
13	SMALL CONTAINER FOR TESTING OF SOIL (Not clear) if required:		
a	Allumium container with lid 50mm dia x 25mm ht. (Aprox.)	1	45
b	Allumium container with lid 50mm dia x 50mm ht. (Aprox.)	1	98
14	Spatula 100mm long.	1	140
15	Hardness Testing Machine (Rockwell and Brinell)	1	550000
	TOTAL		**1143863**

Annexure XX

Hydraulics and Fluid Machines lab

S. No.	Description	QTY	Rate in Rs.	Total
1	Differential Manometer	3	5000	15000
2	Venturimeter	3	5000	15000
3	U Tube Double Column Manometer	3	5000	15000
4	Inclined Tube Manometer	3	5000	15000
5	Different Impellers of Pumps and Turbine Set Of 8	1	10000	10000
6	Pelton Turbine	1	8000	8000
7	Working model of De-Lavel Turbine	1	18000	18000
8	Kaplan Turbine	1	8000	8000
9	Francis Turbine	1	8000	8000
10	Gear Pump Model	1	8000	8000
11	Rotary Pump	1	8000	8000
12	Reciprocating Pump	1	8000	8000
13	Apparatus For Verification of Bernoulli\'s Theorem	2	8000	16000
14	Forces of Jet Apparatus	2	5000	10000
15	Reynolds Apparatus	2	5000	10000
16	Piezometer Tube	2	5000	10000
17	Determination of Critical Velocity	2	5000	10000
18	Apparatus To Determine Losses	2	5000	10000
19	Determination Of CD, CV And CC Orifices	2	8000	16000
20	Determination Of Discharge And Coefficient Of Discharge Of Notches	2	8000	16000
21	Pitot Tube	2	5000	10000
22	Impulses Turbine	1	8000	8000
23	Water Wheel	1	8000	8000
24	Air or Steam Pressure Turbine	1	8000	8000
25	Pure Reaction Turbine	1	8000	8000
26	Radial Turbine Pump	1	8000	8000
27	Centrifugal Pump	1	8000	8000
28	Hydro-Electric Power installation	1	21000	21000
29	Centrifugal Pump Test Rig With A.C. Motor	1	25000	25000
30	Reciprocating Pump Test Rig A.C. Motor	1	25000	25000
	TOTAL			**303000**

Survey lab

Sl No	Description/specification of items	Qty	Unit	Rate (in Rs.)	Amount	Remarks
1	Survey measuring chain(metric chain) of good make. made of galvanised steel wire of 20 mtr length with all the necessary fittings and accessories like arrows, offset rods, iron pegs (all the items 10 nos per set)and plumb bob(2nos each set).	6	set	1100	6600	total set =chain+ arrows+ offset rod+iron peg+plumb bob and other fittings and casing
2	Survey measuring chain(metric chain) of good make. made of galvanised steel wire of 30 mtr length with all the necessary fittings and accessories like arrows, offset rods, iron pegs (all the items 10 nos per set)and plumb bob(2nos each set).	4	set	1500	6000	
3	Prismatic compass having an accurate reading of 0.5degree and of 8-10cm dia with an adjustable mounting tripod stand along with the alll the necessary fittings, and accessories like ranging rod (6nos per set of 2mtr length), plumb bob (1nos per set).	6	set	2500	15000	total set =compass+ ranging rod+plumb bob and other fittings and casing
4	Dumpy level with minimum magnification opf 24X with objective aperatureb of (38-40)mmand resolutio0n of 0.01cm at 100mt, with plate bubble, size 12mm x 87.5 mm and fitted with magnetic compass along with all the necessary fittings and accessories like tripod stand (1nos/set), levelling staff(aluminium telescopic metric staff of 5m length,(4nos per set) and plumb bob (2nos per set).	6	set	8900	53400	total set =dumpy level+ levelling staff+tripod stand+plumb bob and other fittings and casing
5	Electronic theodolite with effective apperature of (45-48)mm with the magnification of minimum 30X, 40mm aperature, 3x optical plummet along with all standard accessories all the necessary fitting and fixing	4	set	48000	192000	total set =theodolite and other fittings and casing
6	Vernier theodolite with 10" optical plummet.along with all standard accessories	2	set	20500	41000	total set =theodolite and other fittings and casing

7	Surveyor measuring tapes of fibre having min width 20mm and minimum thickness 1.mm, and should be rust proof and unbreakable of following lengths					
	20mtr	5	nos	600	3000	
	15 mtr	5	nos	550	2750	
	30 mtr	5	nos	650	3250	
8	Electronic Total Station having 1" least count and 2" accuracy, Distance least count normal 1 mm, distance with single prism 2000m, Alphanumeric key board(dual display) with data downloading software cable , with all standard accessories-battery, battery charger, operation manual, tripod, carring case, tool kit etc.	1	nos	175000	175000	
9	Surveyor measuring steel tape having min width 10mm and minimum thickness0.5mm, and should be rust proof and unbreakable of following lengths					
	15mtr	2	nos	320	640	
	10mtr	2	nos	590	1180	
10	levelling tube opf precise and superior sensityvity	6	nos	250	1500	
11	Optical square of superior performance	2	nos	475	950	
12	Ranging rod 2m length of standard diameter and thickness.	20	nos	280	5600	
13	Steel arrows	100	nos	15	1500	
14	Wopoden pegs	10	nos	10	100	
15	Plain table with tripod stand along with all standards accessories	4	set	5500	22000	
16	Aluminium telescopic levelling staves of 5m length with casing	10	nos	1050	10500	
17	Handheld GPS w/ OtterBox Protective Case - 2 - 5 meter GPS accuracy	10	nos	8000	80000	
18	Semi Ruggedized Laptop - Sunlight readble screen, Dust shock and spill proof, with SS hard drive, standalone GIS license and built in GPS receiver	1	nos	100000	100000	
	TOTAL				**721970**	

Annexure XXII

Civil Drawing Lab

S. No.	Description	QTY	Rate in Rs.	Total
1	**Drawing tables with board accomodating A1 sheet**	60	10000	600000
2	**Drawing equipments for teachers** **1. Set of scale, compass, set squares (wooden)**	2	2500	5000
3	**Stools**	60	5000	300000
4	**Projector 2000 lumens**	1	85000	85000
5	**Desktop Computer**	1	50000	50000
				1040000

Annexure XXIII

TRAINING OF FACULTY MEMBERS

S.N	Name		Designation	Qualification	Department
1	Mr.	Sonam Palden Barfungpa	HOD (G&CS)	B.E (Mechanical)/M.Tech (IT)	Computer & General Science
	Further Studies		Yes	Course	Ph.D
	Technical Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Cloud Computing	2	IITs/Renowned Private Institutes	Jan - Feb 2014
	2	Ethical Hacking	2	IITs/Renowned Private Institutes	Jan - Feb 2015
2	Mr.	Lochan Adhikari	HOD (M&MT)	B.E (Mechanical)/M.Tech (Mechatronics)	Mechatronics & Manufacturing Technology
	Further Studies		Yes	Course	Ph.D
	Technical Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Advance Course on CNC machines	2	FANUC, Bangalore	Jan - Feb 2014
	2	Automation & Drives	2	SIEMENS, Chandigarh	Nov - Dec 2014
	3	MasterCAM	2	IGTR Indore	Jan - Feb 2015
3	Mr.	Bhaskar Sharma	HOD (TD&ME)	B.E (Mechanical)/M.Tech (Manufacturing Technology)	Tool & Die and Mechanical Engineering
	Further Studies		Yes	Course	Ph.D
	Technical Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	CNC WEDM/ Die Sinking	2	CTTC/IDTR/IGTR	Nov - Dec 2013
	2	Design of Die Casting	2	CTTC/IDTR/IGTR	Jun - Jul 2014
	3	Design of Jigs & Fixture	2	CTTC/IDTR/IGTR	Nov - Dec 2014

	4	Heat Treatment	2	FTI, Bangaluru	Jun - Jul 2015
	5	Plastic technology	2	CIPET	Nov-Dec 2015
	6	Advance ProE	2	PTC	Jun - Jul 2016
4	**Ms.**	**Rinchen G. Dorjee**	**Senior Lecturer**	**B.Tech(Electrical) / Pursuing M.Tech (Power Electronics)**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**Ph.D**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Application of Industrial Elctronics	1	Inhouse/NITTTR/ATI	Jun - Jul 2014
	2	PLC and its application	1	Inhouse/NITTTR/ATI	Jun - Jul 2014
	2	Microprocessor & Microcontroller	2	Inhouse/NITTTR/ATI	Nov - Dec 2013
	3	Control Systems	2	Inhouse/NITTTR/ATI	Nov - Dec 2014
	4	Embedded Systems	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	5	Robotics and it application	2	Inhouse/NITTTR/ATI	Jun - Jul 2016
5	**Mr.**	**Arjun Sharma**	**Senior Lecturer**	**B.Tech (Electrical)/M. Tech (Power Electroncis)**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**Ph.D**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Maitenance & Servicin gof Electronic Test Equipments	2	IIT/ATI	Nov - Dec 2013
	2	MATLAB	2	Inhoure/ATI/NITTTR	Jun - Jul 2014
	3	Automation in Industry	1	IIT/ATI	Nov - Dec 2014
	4	AC Electric motor operation & maintenance	2	IIT/ATI	Nov - Dec 2014
	5	FACTS technology		IIT	Jun - Jul 2015
	6	Robotics and it application	2	Inhouse/NITTTR/ATI	Jun - Jul 2016
6	**Mr.**	**Tenzing Dorjee Pradhan**	**Senior Lecturer**	**B.E (Mechanical)/ Pursuing M.Tech (Production Engineering)**	**Tool & Die Making**
	Further Studies		**Yes**	**Course**	**Ph.D**

	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Designing of Tools & Dies	2	CIPET/IGTR	Nov-Dec 2013
	2	MasterCAM	2	FTI/ATI	Nov-Dec 2014
	3	Advanced ProE	2	PTC	Nov-Dec 2015
7	**Mr.**	**Jigmee Wangchuk Bhutia**	**Lecturer**	**B.E/Pursuing M.Tech (CSE)**	**Computer Science**
	Further Studies		**Yes**	**Course**	**Ph.D**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	.NET	2	IIT/NIIT	Nov-Dec 2013
	2	Linux	2	IIT/NIIT	Nov-Dec 2014
	3	PHP - SQL	2	IIT/NIIT	Nov-Dec 2015
8	**Mr.**	**Deependra Chettri**	**Lecturer**	**B.E (E&TC)/Pursuing M.Tech (Digital Electroncis)**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**Ph.D**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Electronics Components & Devices	2	IIT/NITTTR	Nov-Dec 2013
	2	Digital Electronics	2	IIT/NITTTR	Nov-Dec 2014
9	**Mr.**	**Rajiv Ranjan Trivedi**	**Lecturer**	**M.Sc (IT), B.Sc(Hons)**	**General Science**
	Further Studies		**Yes**	**Course**	**Ph.D**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Orientation Course for Physics Teacher	1	IIT	Nov-Dec 2013
	2	Basic Lab Practices for Science	2	NITTTR	Nov-Dec 2014
	3	Application of Science in Engineering	2	IIT	Nov-Dec 2015
10	**Ms.**	**Noor Jahan Khatoon**	**Lecturer**	**MA (English), MCA**	**General**

					Science
	Further Studies		**Yes**	**Course**	**PhD (enrolled)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Advanced English Communication and Presentation Skills	2	Inhouse/NITTTR	Jun-Jul 2014
	2	English for technicaians	2	Inhouse/NITTTR	Nov-Dec 2014
11	**Ms.**	**Paden Rinchen**	**Lecturer**	**B.Tech (IT)/ Pursuing M.Tech (CSE)**	**General Science**
	Further Studies		**Yes**	**Course**	**M.Tech (Undergoing)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	.NET	2	Inhouse/NIIT	Jun - Jul 2014
	2	Multimedia	2	NIIT/IIT	Nov - Dec 2014
	3	DIP/RGIS	2	NIIT/IIT	Nov - Dec 2015
12	**Mr.**	**Sanjeev Newpaney**	**Lecturer**	**B.Tech (Electronic and Communication)Pursuing M.Tech (Power Electronics)**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**M.Tech (Undergoing)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	MATLAB	2	Inhoure/ATI/NITTTR	Jun - Jul 2014
	2	Automation in Industry	1	IIT/ATI	Nov - Dec 2014
	3	Robotics and it application	2	Inhouse/NITTTR/ATI	Jun - Jul 2016
	4	Embedded Systems	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
13	**Mr.**	**Pramod Silal**	**Lecturer**	**B.Tech (Mechanical)/ Pursuing M.Tech (Production Engineering)**	**Manufacturing Tehnology**
	Further Studies		**Yes**	**Course**	**M.Tech**

					(Undergoing)
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Automobile Engineering	2	NITTTR	Nov - Dec 2013
	2	Advancement in machining technology	2	IIT/ATI	Nov - Dec 2014
	3	Estimation & Costing of NCES	1	NITTTR	March 2014
14	**Ms.**	**Manashi Bhattacharjee**	**Lecturer**	**M Sc (Statistics)**	**Mathematics**
	Further Studies		**Yes**	**Course**	**PhD**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Refresher course for Mathematics	3	NBU	Jan - 2013
	2	Application of mathematics in engineering	2	IIT/ATI/NITTTR	Nov - Dec 2014
	3	Matlab	2	Inhouse/NITTTR	Jun - Jul 2015
15	Mr.	Bidhan Adhikari	Lecturer	B.Tech (Mechanical)	Mechanical Engineering
	Further Studies		**Yes**	**Course**	**M.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Renewable Energy and Engineering Technology	1	NITTTR/IIT	Jun Jul 2014
	2	Estimation & Costing of NCES	1	NITTTR	March 2014
	3	Automobile Engineering	2	NITTTR	Nov - Dec 2013
	4	Advancement in machining technology	2	IIT/ATI	Nov - Dec 2014
16	**Mr.**	**Nirnaya Pradhan**	**Lecturer - cum - System Analyst**	**B.Tech (Computer Science & Engineering)**	**Computer Science**
	Further Studies		**Yes**	**Course**	**M.Tech**
	Technical Training Areas				

	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Linux (Embedded)	2	NIIT/ATI	Nov-Dec 2013
	2	Linux Driver Basic	1	NIIT/ATI	Nov-Dec 2013
	3	CISCO certified Network Professional	4	CISCO	Mar 2014
	4	Matlab	2	Inhouse/NIIT/IIT	Jun-Jul 2014
	5	Data base management System	2	NIIT/ATI/IIT	Jun-Jul 2015
	6	Design and Analysis of Algorithm	1	NIIT/ATI/IIT	Jun-Jul 2016
17	**Ms.**	**Angila Tshering Bhutia**	**Lecturer**	**B.Tech (IT)/Pursuing M.Tech (CSE)**	**Computer Science**
	Further Studies		**Yes**	**Course**	**M.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	.NET	2	Inhouse/NIIT	Jun - Jul 2014
	2	Multimedia	2	NIIT/IIT	Nov - Dec 2014
	3	DIP/RGIS	2	NIIT/IIT	Nov - Dec 2015
18	**Mr.**	**Shashi Shashank Trivedi**	**Lecturer**	**B.E (Mechanical)**	**Mechanical Engineering**
	Further Studies		**Yes**	**Course**	**M.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	CNC Machines	1	Inhouse	Jun - Jul 2014
	2	Testing of Materials	2	IIT/NITTTR/ATI	Nov-Dec 2014
	3	Automobile Engineering	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	4	Product Design and Development	2	IIT/NIFT	Jun-Jul 2016

19	**Ms.**	**Cherryla Tobden**	**Lecturer**	**B Tech (Elecronics & Communication)**	**Mechatronics**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Elecrical Measurement & Signal Conditioning	1	NITTTR/ATI	Nov - Dec 2013
	2	Power System Analysis	1	NITTTR/ATI	Jun - Jul 2014
	3	Applicartion of PE in wind energy	1	NITTTR/ATI	Nov - Dec 2014
	4	Mat LAB	1	NITTTR/ATI	Jun - Jul 2015
20	**Ms.**	**Nima Donka**	**Lecturer**	**B Tech (Elecronics & Communication)**	**Mechatronics**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	PLC and its application	2	Inhouse/ATI/NITTTR	Jun-Jul 2014
	2	Robotics and it application	2	Inhouse/ATI/NITTTR	Nov-Dec 2014
	3	Matlab	2	Inhouse/ATI/NITTTR	Nov-Dec 2014
	4	Microcontroller Programming	2	Inhouse/ATI/NITTTR	Jun-Jul 2015
	5	Embedded Systems	2	Inhouse/ATI/NITTTR	Jun-Jul 2016
21	**Ms.**	**Sabna Sharma**	**Lecturer**	**B.Tech (CSE)/Pursuing M.Tech (CSE)**	**Computer Science**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Mat LAB	2	NITTTR/ATI/IITs	Nov - Dec 2013
	2	Software Engg	1	NITTTR/ATI	Jun - Jul 2014

	Mr.	**Naw Raj Bhattarai**	**Lecturer**	**B.Tech (Electronic and Communication)**	**Mechatronics**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
22	**Sl. No.**	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	MATLAB	2	Inhoure/ATI/NITTTR	Jun - Jul 2014
	2	Microcontroller Programming	1	IIT/ATI	Nov - Dec 2014
	3	PLC and its application	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	4	Embedded Systems	2	Inhouse/NITTTR/ATI	Jun - Jul 2016
	Mr.	**Biki Hang Subba**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
23	**Sl. No.**	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Pro Engineering	2	Inhoure/ATI/NITTTR	Jun - Jul 2014
	2	Welding Technology	2	Inhoure/ATI/NITTTR	Nov - Dec 2014
	3	Automobile Engineering	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	4	Embedded Systems	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	Ms.	**Sabita Chettri**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
24	**Sl. No.**	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Wire Edm & Sink EDM	2	Inhoure/ATI/NITTTR	Jun - Jul 2014
	2	CNC Applicationn	2	Inhoure/ATI/NITTTR	Nov - Dec 2014
	Mr.	**Sameer Lamichaney**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
25	**Sl. No.**	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	CNC Machines	1	Inhouse	Jun - Jul 2015

	2	PRO-E	2	Inhouse	Jun - Jul 2014
	3	CAM	2	Inhouse/ATI/NITTTR	Jun - Jul 2016
	4	Welding technology	1	ATI/NITTTR/FTI	Nov - Dec 2013
	5	Mat LAB	1	Inhouse/ATI/NITTTR	Jun - Jul 2014
	6	Fabrication Techinique	1	ATI/NITTTR	Nov - Dec 2014
	7	Oil Hydraulics & Pneumatics	1	FTI	Jun - Jul 2015
26	**Mr.**	**Pempa Tashi**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	CNC Applicationn	2	Inhoure/ATI/NITTTR	Nov - Dec 2014
	2	Automobile Engineering	2	Inhouse/NITTTR/ATI	Jun - Jul 2015
	3	Welding technology	1	ATI/NITTTR/FTI	Nov - Dec 2013
27	**Mr.**	**Satish Pradhan**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Pneumatics & Hydraulics	2	FTI/ATI	Nov - Dec 2013
	2	Automobile Engineering	2	FTI/ATI/NITTTR	Jun - Jul 2014
28	**Mr.**	**Bhim Chuwan**	**Lecturer**	**B.Tech (Mechanical)**	**Mechanical Engineering**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Pneumatics & Hydraulics	2	FTI/ATI	Nov - Dec 2013
	2	Automobile Engineering	2	FTI/ATI/NITTTR	Jun - Jul 2014

TRAINING OF TECHNICAL STAFF MEMBERS

S.N	Name	Designation	Qualification	Department

1	**Mr.**	**Dhan Bahadur Gadaily**	**Lab Instructor**	**Diploma in Computer Science and Technology**	**Computer Science**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Unix	2	INHOUSE/NITTTR/NIIT	Nov - Dec 2013
	2	VB.Net	2	INHOUSE/NITTTR/NIIT	Jun - Jul 2014
	3	Advance C++	2	INHOUSE/NITTTR/NIIT	Nov - Dec 2014
	4	Windows Server Adm	2	INHOUSE/NITTTR/NIIT	Jun - Jul 2015
	5	Advanced JAVA	2	INHOUSE/NITTTR/NIIT	Nov - Dec 2015
2	**Mr.**	**Bhes Raj Sharma**	**Lab Instructor**	**Diploma in Tool & Die Making**	
	Further Studies		**Yes**	**Course**	**AMIE**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Plastic Technology	2	IGTR/CIPET	Nov - Dec 2013
	2	Tool Design	2	Inhouse/IGTR/CIPET	Jun - Jul 2014
	3	Tool Making Practices	2	Inhouse/IGTR/CIPET	Jun - Jul 2015
3	**Mr.**	**Sangay Dorjee Bhutia**	**Lab Instructor**	**Diploma in Tool & Die Making**	**Tool & Die Making**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Tool Design Practices	2	IGTR/CIPET/NTTF	Nov - Dec 2013
	2	CMM	1	Inhouse	Jun - Jul 2014
	3	CNC milling & lathe operations	2	Inhouse/IGTR/CIPET	Jun - Jul 2015
	4	CNC Injection Moulding	2	IGTR/CIPET/NITTTR	Nov - Dec 2015
4	**Mr.**	**Son Tshering**	**Lab Instructor**	**Diploma in Tool & Die Making**	**Tool & Die Making**

	Further Studies		**Yes**	**Course**	**B. Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	CMM	1	Inhouse/IGTR/CIPET	Nov - Dec 2013
	2	CNC milling & lathe operations	1	IGTR/CIPET	Jun - Jul 2014
	3	Die Casting	2	Inhouse/IGTR/CIPET	Nov - Dec 2014
	4	CMM	2	Inhouse/IGTR/CIPET	Jun - Jul 2015
	5	Heat Teratment Process	2	Inhouse/IGTR/CIPET	Nov - Dec 2015
	6	Calibration of gauges	2	Inhouse/IGTR/CIPET	Jun - Jul 2016
5	**Mr.**	**Rinzing Gyatso Bhutia**	**Lab Instructor**	**Diploma in Tool & Die Making**	**Tool & Die Making**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	CNC Injection Mulding machine and maintenance	1	IGTR/CIPET/ATI	Nov - Dec 2013
	2	CNC milling & lathe operations	1	IGTR/CIPET	Jun - Jul 2014
	3	Mould Design Practices	2	IGTR/CIPET/NTTF	Nov - Dec 2014
	4	Heat Treatment Process	2	Inhouse/IGTR/CIPET	Nov - Dec 2015
6	**Mr.**	**Ganesh Dhakal**	**Lab Instructor**	**Diploma in Tool & Die Making**	**Tool & Die Making**
	Further Studies		**Yes**	**Course**	**B. Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Quality Assurance Practices	2	IGTR/CIPET/ATI	Nov - Dec 2013
	2	CNC milling & lathe operations	1	IGTR/CIPET	Jun - Jul 2014
	3	Calibration of gauges	2	IGTR/CIPET/NTTF	Nov - Dec 2014

7	**Mr.**	**Dil Bahadur Tamang**	**Lab Instructor**	**Diploma in Mechatronics**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Note: Has enrolled as a full time B.Tech student in Sikkim Manipal Institute of Technology under Electrical and Electronics stream				
8	**Mr.**	**Dipak Sarkar**	**Lab Instructor**	**Diploma in Computer Engineering/ MScIT**	**Computer Science**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Linux Administration	1	NIIT/NITTTR/ATI	Nov - Dec 2013
	2	ASP.net/vb.net	2	Inhouse/NIIT	Jun - Jul 2014
	3	Dynamic web desigining	1	NIIT/ATI	Nov - Dec 2014
	4	Advanced Java	1	NIIT/ATI	Jun - Jul 2015
9	**Ms.**	**Srijana Rai**	**Lab Instructor**	**Diploma in Electronics and Communication/(Pursuing B.Tech (EEE))**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**B. Tech (Enrolled)**
	Note: Has enrolled as a full time B.Tech student in Sikkim Manipal Institute of Technology under Electrical and Electronics stream				
10	**Mr.**	**Sonam Pintso Bhutia**	**Lab Instructor**	**Diploma in Electronic and Hardware Maintenance**	**Mechatronics**
	Further Studies		**Yes**	**Course**	**B. Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	PCB designing and fabrication	1	Inhouse/ATI/EFY	Jun - Jul 2014
	2	Manufacturing of different Electronic components and devices	2	Inhouse/ATI/EFY	Nov - Dec 2014
	3	Digital Electronics	1	Inhouse/ATI/EFY	Jun - Jul 2015
11	**Mr.**	**Dadul Bhutia**	**Lab Instructor**	**Diploma in Electrical Engineering**	**Mechatronics**

	Further Studies		**Yes**	**Course**	**B.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Basic Electronic Lab	2	NITTTR/ATI	Jun - Jul 2014
	2	Electrical Machines Lab	2	NITTTR/ATI	Nov - Dec 2014
	3	Motor Engineering	2	NITTTR/ATI	Jun - Jul 2015
12	**Mr.**	**Ragap Chettri**	**Lab Instructor**	**Diploma in Computer Science and Engineering**	**Computer Science**
	Further Studies		**Yes**	**Course**	**B.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	ASP.net/vb.net	2	Inhouse/NIIT	Jun - Jul 2014
	2	Dynamic web desigining	1	NIIT/ATI	Nov - Dec 2014
	3	Advanced Java	1	NIIT/ATI	Jun - Jul 2015
13	**Mr.**	**Sameer Rasaily**	**Lab Instructor**	**Diploma in Mechanical Engineering**	**Mechanical**
	Further Studies		**Yes**	**Course**	**B.Tech**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Maintenance of machine tools	2	NITTTR/ATI/FTI	Jun - Jul 2014
	2	Advanced manufacturing methods	2	NITTTR/ATI/FTI	Nov - Dec 2014
	3	CNC milling and lathe operations	2	NITTTR/ATI/FTI	Jun - Jul 2015
14	**Mr.**	**Jigmee Machangpa**	**Lab Instructor**	**B.Tech (CSE)**	**Computer Science**
	Further Studies		**NA**	**Course**	**NA**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**

	1	ASP.net/vb.net	2	Inhouse/NIIT	Jun - Jul 2014
	2	PHP	2	Inhouse/NIIT	Nov - Dec 2014
	3	Server Administration	2	NITTTR/ATI/FTI	Jun - Jul 2015
15	**Mr.**	**Jagat Rai**	**Maintenance Mechanic (Mechanical)**	**ITI**	
	Further Studies		**Yes**	**Course**	**Diploma**
	Technical Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Maintenance of machine tools	4	NITTTR/ATI/FTI	Jun - Jul 2014
	2	Maintenance of WireEDM & Sink EDM	4	NITTTR/ATI/FTI	Nov - Dec 2014
	3	Maintenance of CNC machines	4	NITTTR/ATI/FTI	Jun - Jul 2015
	4	Total Productive Maintenance	4	NITTTR/ATI/FTI	Nov - Dec 2015

Apart from the above mentioned technical training areas the Institute will also organise inhouse training on the following areas.

Sl. No.	Name of Program	Resource institute	Duration (in weeks)	Tentative schedule
1	**Pedagogy and Advanced Pedagogy**	**NITTTR/Reputed private training Institutes**	**2**	**Every June - July**
2	**Advancement in Teaching Technologies**		**1**	**Jun-Jul 2014**
3	**Understanding the Psychology of students**		**1**	**Nov-Dec 2014**
4	**Management Principles for Technical teachers**		**1**	**Jun-Jul 2015**
5	**Motivational and team building workshops**		**1**	**Once a year**

INSTITUTIONAL MANAGEMENT CAPACITY ENHANCEMENT (TRAINING FOR MANAGEMENT & ADMINISTRATIVE STAFF)

S.N	Name		Designation	Qualification	Department
1	Mr.	Group Captain S Purkayastha	Principal	B.E. (Electrical Engineering)	NA
	Management Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Total Quality Management	2	Inhouse/IIM	Jun - Jul 2014
	2	Organisation Leadership	1	IIM Ahmedabad	Nov 2014
2	Mr.	Sonam Palden Barfungpa	HOD (G&CS)	B.E (Mechanical)/M.Tech (IT)	Computer & General Science
	Management Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Total Quality Management	2	Inhouse/IIM	Jun - Jul 2014
	2	Innovating for Excellence	1	IIM Ahmedabad	April 2014
	3	Leadership and Change Management	1	IIM Ahmedabad	June 2014
3	Mr.	Lochan Adhikari	HOD (M&MT)	B.E (Mechanical)/M.Tech (Mechatronics)	Mechatronics & Manufacturing Technology
	Management Training Areas				
	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Total Quality Management	2	Inhouse/IIM	Jun - Jul 2014
	2	Innovating for Excellence	1	IIM Ahmedabad	April 2014
	3	Leadership and Change Management	1	IIM Ahmedabad	June 2014
	4	Student Counselling	2	HAP, Hyderabad	Nov-Dec 2014
	5	Institution Building through Appreciative mindset	1	IIT Mumbai	Sept 2014
3	Mr.	Bhaskar Sharma	HOD (TD&ME)	B.E (Mechanical)/M.Tech (Manufacturing Technology)	Tool & Die and Mechanical Engineering
	Management Training Areas				

	Sl. No.	Subject	Duration (in weeks)	Resource Institute	Tentative schedule
	1	Total Quality Management	2	Inhouse/IIM	Jun - Jul 2014
	2	High Impact Leadership	1	IIM Ahmedabad	Feb 2014
	3	Conflict Management & Negotiation skills	1	MDI Gurgaon	Oct 2013
	4	Communication strategies for employee Engagement	1	MDI Gurgaon	Jan - Feb 2015
3	**Ms.**	**Rita Devi Dhakal**	**Manager (Admin)**	**MSc**	**Administration**
	Management Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Management Development Program	1	RPMG, Port Blair	Dec 2013
	2	Total Quality Management	2	Inhouse/IIM	Jun - Jul 2014
	3	Managerial Effectiveness	3 days	MDI Gurgaon	Nov 2014
	4	Managing Human Resource and Relation in Organisation	1	ASCI Hyderabad	Jan - Feb 2015
	5	Effective Office Administration and Management (CCS Rules, leave, medical, travel rules etc) and Time & Stress management	1	RPMG Goa	Jan 2016
3	**Mr.**	**Yogendra Sharma**	**Incharge (Finance)**	**B.Com**	**Finance**
	Management Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Accrual Accounting System	1	NIFM, Faridabad	Jan 2014
	2	Accounting, Financial management & Governance for autonomous Bodies	1	NIFM, Faridabad	Aug 2014
	3	Strategic Financial Management	1	NIFM, Faridabad	Sept 2015

4	**Mr.**	**Tika Dutta Adhikari**	**Asst. manager (Finance)**	**M. Com**	**Finance**
	Management Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Financial Accounting and Modeling using Excel	1	NIFM, Faridabad	Jan 2014
	2	Finance for non Finance Executive	1	MDI Gurgaon	Feb 2014
	3	Strategic Financial Management	1	NIFM, Faridabad	Sept 2015
4	**Ms.**	**Dhukar Lhamu Bhutia**	**Office Manager**	**M.A., BEd**	**Administration**
	Management Training Areas				
	Sl. No.	**Subject**	**Duration (in weeks)**	**Resource Institute**	**Tentative schedule**
	1	Effective Office Administration and Management	1	RPMG, Port Blair	Nov 2013
	1	Developing Competencies of Executive Secretaries, Personnel Assistant and Office Staff	1	RPMG, Goa/Chandigarh	Nov 2013
	2	Building Organisation Excellence - Focus IT & HR	1	RPMG, Goa	Feb 2014
	3	e-Governance - Issue and Challenges	1	RPMG, Prot Blair	Jan 2015

Annexure XXV

Recruitment of faculty and staff

Sl. No	Post	Area of Specialisation	Total posts	Qualification	Contract / Regular	Head of expenditure	Tentative schedule of appointment
1	Lab Technician	Science	1	Class XII Pass	Contract	IOC	Jan 2014
2	Maintenance Mechanic	Electrical and Electronics	1	ITI	Contract	FSD	Jan 2014
3	Lecturer	Mathematics	1	MSc	Contract	IOC	Jan 2014
4	Lecturer	English	1	MA, BEd	Contract	IOC	Jan 2014
5	Lecturer	Computer	1	B.Tech/B.E	Contract	IOC	Jan 2014
6	Lecturer	Electrical and Electronics	2	B.Tech/B.E	Contract	IOC	Jan 2014
7	Lecturer	Civil	2	B.Tech/B.E	Contract	IOC	Jun 2015
8	Lecturer	Mechanical	2	B.Tech/B.E.	Contract	FSD	Jan 2014

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Under Directorate of Technical Education, Government of Sikkim

Ref no. ATTC/ADM/2013/2456 Date: 21st September 2013

To,

The Secretary cum Chairman of the BoM of ATTC,
Human Resource Development Programme,
Government of Sikkim,
Gangtok.

Sub: Opening of Civil Engineering Branch from July 2014

Dear Sir,

A team from ATTC consisting of Vice Principal, Mr. Sonam Palden Barfungpa and Project Co-ordinator, Mr. Tenzing Dorjee Pradhan recently attended a workshop at Guwahati (conducted by AICTE). The workshop was mainly to formulate and transact the developmental requirement of North-East polytechnics in terms of quality and further enhancement of Engineering branches and intake. The workshop dealt thoroughly about the exact requirement of material, human and financial requirements. The project is incorporated in NEQIP-13 and the financial allotment of 5 crores for the period of 3 years has been allotted for each such institutes depending upon the viability of future projection.

In view of the above and the discussion held by our team members at AICTE, Guwahati, it is clearly understood that an additional opening of engineering branch will substantiate the right cause to get the proper funding from NEQIP-Project 13.

The opening of a new branch at ATTC will be preferred and at present scenario, the urgent requirement of employable skill is the civil engineering branch.

The Civil Engineering branch at ATTC is proposed to be opened from July-2014 batch due to the following reasons:

a) High demand amongst the students for Civil Engineering in North - East region and the neighbouring country (Nepal/Bhutan).
b) Many aspiring students moving outside the state to pursue Civil Engineering.
c) The existing facility available at ATTC can look through around the 50% requirement and remaining 50 % will be provisioned by NEQIP-13.
d) The professional resources sharing are most viable because of proximity of SMIT, Majhitar.
e) As the demand for the course increases, private organisations will look into establishment of polytechnics within the state catering to civil diploma thereby hampering the growth of ATTC.

A.T.T.C., Bardang, P.O. Bardang, East Sikkim, Pin-737 134, Ph- (03592) – 233482, Fax -235381
Email: attc.skmpoly@gmail.com, Website: www.attc.skmpoly.edu.in

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f) Opening of Civil engineering branch will improve the financial position of the institute and reduce dependency on Government.

Finally, it is earnestly submitted to you to consider the view of opening up of Civil Engineering branch with the intake of 60 students from the next admission cycle in July 2014.

Your kind approval is requested immediately for final submission of the project requirement to AICTE by 26th September 2013.

Thanking you,

Yours sincerely,

(Group Captain Shubhankar Purkayastha)
Principal

PRINCIPAL
Advanced Technical Training Centre
Bardang, East Sikkim

CC:

- Director, DTE
- Joint Director, DTE