

# **ANNUAL REPORT 2015-2016**



Dr. B. R. Ambedkar Institute of Technology
Pahar Gaon

(An Establishment under A & N Administration)

# Vision

Provide a platform to the students community for sharing their ideas, thought fearlessly and facilitate them to develop by embracing best practices of learning supplemented with the technical environmental as well as value based initiative. We shall strive for continual improvement of our process to ensure that the product rolled out is able to contribute for societal development.

# Mission

- To empower students in the academic process monitoring and management.
- Building confidence and technical knowledge through student teacher concept.
- To facilitate thinking process through TFJ.
- To encourage students to take up real time projects.
- To provide a platform for taking lead role in organizing various students' centric events.
- To upgrade students technically and create environmental awareness.
- To strive for continual improvement through upgradation of infrastructure and teaching Methodology.

Dr. B. R Ambedkar Institute of Technology publishes an annual report for its expressed use of Administration for making annual report of the UT, for stake holders and staff members of the Institution. This report describes all the major academic achievements, physical and financial target achieved during the academic year 2015-2016, and in addition, it gives a glimpse of the implementation of all other initiatives taken to improve the quality education.

Our institution believes in strategic planning and sincere implementation with a focus on setting clear measures of success. The annual report serves as a yardstick to showcase how the College had performed during the last academic year. This would help us to prepare the Plan for the next year in a more systematic manner to deliver Quality Education with a sustainable improvement mindset.

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#### 1. Overview

- The institute offers diverse programmes which include Engineering, Hospitality and Maritime sector. Apart from the formal courses, the Institute also offers non-formal courses both in the main centre and extension centers located at Ferrargunj, Rangat, Mayabunder, Diglipur, Little Andaman, Nicobar, Campbell Bay and Katchal.
- The Institute got ISO 9002: 1994 accreditation way back in 1999 and further up graded to ISO 9001:2000 and subsequently ISO 9001: 2008.
- The Institute got ISO 14000 EMS certification in the year 2011.
- The Institute's well established automobile workshop attached to mechanical department is an authorized service centre for the Toyota Vehicles in these islands. It also provides service support for all departmental vehicles under AandN Administration.
- As a part of skill development initiatives, the Institute imparts skill based trainings to unemployed youths/school drop outs through its main and extension centers spread all over Andaman and Nicobar Islands.
- A grant of Rs 2.00 Cr has been sanctioned by MHRD under Rastriya Uchchatar Shiksha Abhiyan, a centrally sponsored scheme. 35% of this amount will be utilized for new construction, 35% for renovation and 30% for equipment purchase.

#### 2. Proposed Outlay in Annual Plan 2015-16 and its Objective

The proposed outlay for the Annual Plan 2015-16 for Technical Education was Rs.1714 lakhs of which Rs.1094 lakhs were Revenue Component and Rs.620 lakhs were Capital Component.

The main emphasis was given to strengthen the existing infrastructure in terms of classrooms and laboratories, especially for degree programmes. Apart from strengthening of infrastructure, due thrust has been given on training/ workshops for continuous improvement of quality delivery system. The non-formal skill development programme in rural area has also been conducted.

#### 3. Major activities of the Institute

## 3.1. Academic

 Four Assistant Professors for Civil Engineering Department and one Assistant Professor each for English, Physics and Chemistry have been appointed on regular basis.

#### 3.1.1 Electronic and Communication Department

- Equipments for e-yantra lab worth Rs. 5 lakhs purchased in Embedded Lab.
- Improved the 1st semester student's performance compared to previous 1<sup>st</sup> Semester result by 10%.
- Prepared G-scheme question bank for Diploma Courses.

- Self-assessment Report submitted to NBA for accreditation of Diploma Courses.
- One faculty member attended two weeks training at ATI Chennai on Embedded System and Microcontroller and one staff attended workshop on "Algorithm Analysis and Design" at NIT organised for 2 weeks.
- Conducted 15-days mobile repair training during winter vacation w.e.f 21.12.15 to 05.01.16 under continuing education programme.
- Final year students of Degree were sent to ISRO and 3rd year students of Degree were sent to AIR and DDK, Port Blair to seek training during winter break 2015.
- Technical Symposium, TECH-Zeal 2015 was conducted for both Degree and
  - Diploma students. This symposium was organized with an objective to develop among students a quest for knowledge, build relationships and inculcate a sense of team spirit and enhance inter personal skills among participants. This symposium had encouraged and motivated the students to empower their technical skills. The students of Electronics and Communication Engineering has proven that minds were like parachutes, they were active only when they were open and this event offered an opportunity for the students to obtain more knowledge in the field of interest. The enthusiasm shown by the students was remarkable. They could exhibit their hidden talents and innovative ideas in the field of technology.





The Tech-Zeal exhibited the following events:

- 1. Paper presentation;
- 2. Technical Quiz;
- 3. Fastest genius for designing and completing circuit on brand board;
- 4. Poster Competition:
- 5. Ad-making on technical items;
- 6. Multimedia/ Short Film and
- 7 Technical treasure hunt
- A 2 days National Level workshop "MATLAB based Gesture Recognition" was organized by the Electronics and Communication Engineering department on 27.02.16 and 28.02.16 in the Conference Hall of DBRAIT in association with the Skill Rex Technology, Mumbai.

 The workshop was inaugurated on 27.2.16 by Mr. Shiv Kumar, Director, Doordarshan Kendra Port Blair. All together 101 participants attended this workshop which includes students from Diploma and B.Tech Programme of Electronics, Civil and Computer Engineering Department.

#### 3.1.2 Mechanical Engineering

- 02-weeks training programme was organised in ALHW and other private automobile
  - agencies for 3rd year and 2nd year students' respectively during winter vacation.
- Three-day workshop on "Design, Fabrication of Remote Controlled Aircraft" followed by Testing of Aircraft was organised during the month of September 2015. Two Resource persons from Aerotrix, a division of sfyfi Education Lab Pvt. Ltd. Bangalore, had conducted this workshop. 125 students from B.Tech and Diploma Programme participated. During the programme, the students worked out design algorithm, fabrication and enjoyed the flying/testing session of the remote controlled aircraft in presence of the Principal Secretary (Edn), A&N Administration and Air Traffic Controller.





- Tender documents prepared for e-tender for 40 work stations and procurements in process.
- Two-weeks training programme on "General Workshop Practices" for the technical staff (10 Nos.) of INS UTKROSH, conducted in the month of May and July 2015.
- Two weeks training programme on "Features of Auto CAD" was conducted for working engineers/draughtsman during the month of Nov-Dec 2015. There were total 16 candidates participated from ALHW (10), MES (02), Electricity Dept. (02) and 02 private candidates.
- The students and staff of the department participated in three Seashore Cleaningcum-Public Awareness Programme under SoCh. A students rally was also taken on round in Burma-Nallah village area for creating awareness on general hygiene and upkeep of nearby surrounding.
- All passed out students either placed (locally) or opted for higher education.

### 3.1.3 Civil Engineering Department

- Tiles abrasion testing machine, Vickers Hardness testing machine and student microscope purchased for conducting practicals.
- One In-house training on Geology Practicals conducted.

- One-month Industrial Attachment Training conducted for pre-final year B.Tech and Diploma students in MES, Airport Authority of India, ALHW and APWD.
- Six students cleared the GATE.
- Consultancy has been carried in the field of material testing for the construction industries, water parameter testing, conditions assessment of structure.
- Under SoCh, 15 wells were monitored for its water quality, surroundings of the wells were cleared and few pollutant wells were completely cleaned.
- Subsequent to a real time students project, new academic building is being constructed as a Green Building as per IGBC rating.
- Installed energy meter in CCF Lab and monitored the energy consumption and reduction was 10 % in even semester as against the previous semester.

#### 3.1.3 Electrical Engineering

- One Week training was organized on Contactor Control Circuits from 19/1/16 to 25/1/16.
- As a Career Advancement of faculty, Mr. R. Mohan (Instructor) completed his graduation in Electrical Engineering and pursuing his Post graduation.
- Took up Traffic Signal Work and LAN Work for Internal Revenue Generation of worth Rs.6,18,469/-
- Preparation of Self Study Report of NAAC is under process.
- 5 Skill Development Programmes conducted. 72 students were trained.
- Electrical layout was prepared and drawing submitted to campus officer for 3 new Labs (Power Electronics Lab, Control System Lab and Incubation System)
- Second-Year students during summer vacation were deputed for one month industrial attachment training to Chatham Power House, Surya Chakra Power House, Phoenix Bay Power House, Garacharma Sub-station, Kalpong Hydro Project, Rangat Power House etc.

#### 3.1.4 Computer Department

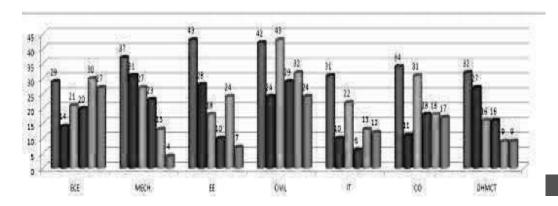
- Conducted one month Network Training for students and professionals in collaboration with IIT Bombay and Network Bulls India Pvt. Ltd. on CISCO which was attended by around 75 students.
- Conducted 2-days workshop on the topic of Ethical Hacking by Network Bulls India for B.Tech and Diploma students.
- Awareness on latest version of WINDOWS by Microsoft to final year B.Tech and Diploma students.
- Electrical layout and drawing was prepared and submitted to campus officer for 3 new Labs.
- 80% of the items projected in 2015 plan was procured and rest are under process.
- Networking of system in lab completed and process initiated for procurement of PC,
   Network Printer and software.

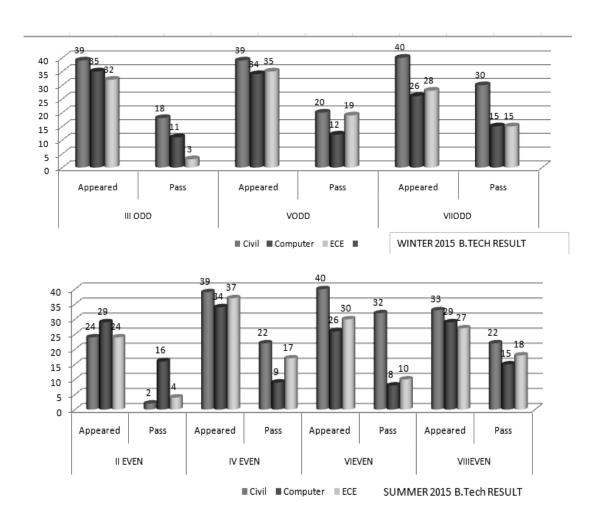
- Conducted a Seminar on the topic of Virtualization by an Engineer from M/s Lucus, Bangalore.
- Three students were placed in TCS and M-Bit Tech.
- Institute Newsletter prepared and published.

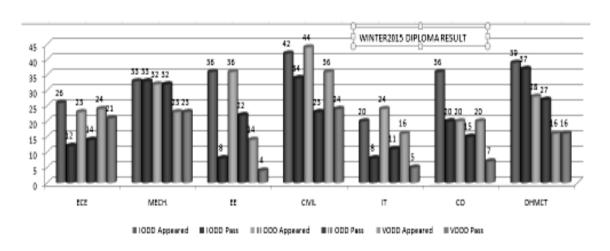
#### 3.1.5 Hotel Management and Catering Technology

- Conducted second phrase of Skill Development course in Hospitality Sector.
- Procurement initiated of TandP (crockery, cutlery, Hollowware, Glassware etc.)
- AMC done for Gas Bank and Gas Burners.
- Industrial Training followed by Placement Interviews at mainland hotels HM (Trade courses) and all students got placement.
- DHMCT students were sent to leading mainland hotels as I.A. training (4 months).
- Trade Diploma courses of Hotel Management Department are given an exposure in the mainland/local hotels (6 months).
- Training provided to staff of IP&T at Waves Restaurant in Food and Beverage Service and Food production.
- Deputed faculty as subject expert.
- Provided expertise to Police Dept. in recruitment of Constable Cook.
- Provided short term training in Bakery, Bar and House-Keeping for Hotel Management and Dolphin Resort.
- Management and financial study carried out for Hotel Management for making it a profitable unit.
- Participated in Dump Beach Festival organized by Tourism Department.
- A short term Skill Development Course in Hospitality Sector conducted.
- Procurement of state-of-the-art lab equipment and tools and plants viz crockery, cutlery, glassware, etc. initiated.
- AMC for LPG Gas bank and Gas burner has been signed.
- Industrial Attachment training for the student of DHMCT and Trade Counselor at Mainland hotels have been conducted.
- 80% of the pass-outs have been placed through telephonic interview.

### 4 Result of ODD and EVEN Semester for both Degree and Diploma







## 5 Awards for topper students-

The Institute has introduce awards to encourage the meritorious students and to develop competitions among the students.

## 5.1 Students Secured 10s In University Exam

S.NO	NAME OF	DEPT.	TERM	SUBJECT	AMOU
	STUDENTS				NT (In
					Rs)
1.	J Siva Sankar	B.Tech ECE	2 Even	Maths-IV	1500
2.	Sagar Barman	B.Tech ECE	2 Even	Maths-IV	1500
3.	A R Mohd Waseem	B.Tech ECE	2 Even	Maths-IV	1500
		B.Tech ECE	1-Odd	Maths-I	1500
4.	N Kamlesh Raj	B.Tech ECE	2 Even	Maths-IV	1500
5.	Avinash Dua	B.Tech ECE	2 Even	Maths-IV, P R P	3000
6.	Sathish Kumar	B.Tech ECE	2 Even	Maths-IV, P R P, PHYSICS, C T	6000
7.	R Sangeeta	B.Tech ECE	2 Even	Maths-IV, Maths-I, Maths-II.	9000
				Maths-III, E T, CE	
8.	R Kani Moli	B.Tech ECE	2 Even	Maths-IV, Maths-II, Maths-III, EM	6000
				Waves	
9.	P Suganiya	B.Tech ECE	2 Even	Maths-IV, Maths-I, CE	4500
10.	3 3	B.Tech ECE	3-Odd	CE	1500
11.		B.Tech ECE	2 Even	Maths-IV, CE	3000
12.	B Kumar Reddy	B.Tech ECE	1-Odd	Maths-I, Maths-II	3000
13.	*	B.Tech ECE	2 Even	Maths-IV	1500
14.	B Chethana	B.Tech ECE	1 Odd	Physics	1500
15.	Mini Bala	B.Tech ECE	1 Even	Maths –II	1500
16.	Neha Kumari	B.Tech ECE	2 Odd	Maths-III	1500
17.		B.Tech CSE	2 Even	Material Science, Maths-IV	3000
18.	•	B.Tech CSE	1 Odd	Maths-I	1500
19.	T.Saraswati	B.Tech CSE	1 Even	Maths-II	1500
20.		B.Tech CSE	2 Odd	Maths-III	1500
21.	R.Revathi	B.Tech CSE	2 Even	Maths-IV	1500
22.	Priyanka Roy	B.Tech CSE	2 Even	Maths-IV	1500
23.	Prasanta Das	B.Tech CIVIL	I-Odd	Maths-I (T101)	1500
24.	S. Supriya	B.Tech CIVIL	I-Odd	Maths-I (T101)	1500
25.	K.Kalaiselvi	B.Tech CIVIL	I-Odd	Physics	1500
26.	J.Siva	B.Tech CIVIL	II-Odd	Survey-I	1500
27.	Puja Baroi	B.Tech CIVIL	II-Odd	Building Technology	1500
28.	Sanjay Kumar	B.Tech CIVIL	I-Odd	Chemistry (T103)	1500
29.			Highway and Airport pavement	1500	
				Design (EA710)	
30.	M.Ajith	B.Tech CIVIL	IV-Odd	Structural Design – II (T72)	1500
31.	Sweta.V	B.Tech CIVIL	IV-Odd	Highway and Airport pavement	1500
				Design (EA710)	

32.	E.Kameswari	B.Tech CIVIL	II-Odd	Maths-III (T31)	1500
33.	Sibi Mathew	B.Tech CIVIL	II-Odd	Maths-III (T31)	1500
34.	Lily Roy	B.Tech CIVIL	II-Odd	Building Technology(t33)	1500
35.	D.Narasamma	B.Tech CIVIL	II-even	Maths-IV (T41)	1500
36.	Nabaneeta Biswas	B.Tech CIVIL	II-even	Hyd. and Hyd. Machinery (T45)	1500
37.	P.Suhasni	B.Tech CIVIL	II-even	Maths- IV (T41)	1500
38.	Proshantha Mondal	B.Tech CIVIL	II-even	Maths- IV (T41)	1500
39.	Promita Halder	B.Tech CIVIL	II-even	Concrete Technology (T42)	1500
40.	J.Siva	B.Tech CIVIL	I-Even	1)Maths-II	1500
				2) Engg. Mechanics	
41.	M. Mohan Ram	B.Tech CIVIL	I-Even	Maths-I	1500
42.	Tripti Dubey	B.Tech CIVIL	IV-Even	Fabrication and construction	1500
				Techniques	
43.	Balkish Abaida	B.Tech CIVIL	I-Even	Maths-II	1500
44.	Bipen Biswas	B.Tech CIVIL	I-Even	Material Science	1500
45.	K.Kalaiselvi	B.Tech CIVIL	I-Even	Maths-II	1500
46.	Pranab Saha	B.Tech CIVIL	I-Even	Maths-II	1500
47.	Prashanta Das	B.Tech CIVIL	I-Even	Maths-II	1500
48.	S. Dineshsaran	B.Tech CIVIL	I-Even	Material Science	1500
49.	S. Praveen Kumar	B.Tech CIVIL	I-Even	Maths-II	1500
50.	S. Supriya	B.Tech CIVIL	I-Even	Material Science	1500
51.	Sukdev Bepari	B.Tech CIVIL	I-Even	Maths-II	1500
52.	Amit Dey	B.Tech CIVIL	II-Even	Maths-IV	1500
53.	Amit Singh	B.Tech CIVIL	II-Even	Maths-IV	1500
54.	J.Siva	B.Tech CIVIL	II-Even	MOS-II	1500
55.	M. Mohan Ram	B.Tech CIVIL	II-Even	Maths-IV	1500
56.	Shuvra Biswas	B.Tech CIVIL	II-Even	Maths-IV	1500
57.	Sibi Mathew	B.Tech CIVIL	II-Even	Maths-IV	1500
58.	V.Anita	B.Tech CIVIL	IV-Even	Air and Noise Pollution	1500

# **5.2** Over All Toppers

S.NO	NAME OF STUDENTS	DEPT.	AMOUNT( In Rs)
1.	S.Sapna	B.Tech Civil	2500
2.	Navjot Singh	Diploma ECE	2500
3.	Anumitha	Diploma Civil	2500
4.	Y.Chandra Sekhar	Diploma ECE	2500
5.	ANtara Panja	Diploma ECE	2500
6.	Tejeshwari	Diploma ELECT	2500
7.	R.Divya	Diploma Computer	2500
8.	Ankush Lall	Diploma IT	2500
9.	K.Bhupathi	Diploma ME	2500
10.	Bibha Mondal	Diploma HM	2500

# 6. Paper Publication/ Conference

S.NO	NAME OF FACULTY	TOPIC		
Civil De	partment			
1.	Ms. S.Raji	"Evaluation Level of service of Road with gradient condition in Non Plain Terrain like Port Blair", International Conference on Technological Convergence for Information, Health, Food, Energy-2015 (TCIFES 2015).  "Traffic Analysis for major roads of Port Blair and impact of mass transportation", International Journal of Informative and Futuristic Research  "Analysis of traffic parameters arterial and down town roads of Port Blair",		
International Conference on Disaster Management and Civil Engineerin Electronics Department				
2.	Ms Lizzie D'cruz	"Project Based Learning of Programmable Logic Device", International Journal of Informative and Futuristic Research, vol-3, issue 3, ISSN:2317-1697, November 2015.		
		"Comparative Study of Digital Systems", International Journal of Computer Informatics and Technological Engineering. Vol 2 ,Issue 10, October 2015,ISSN: 2348-8557.		
		"Optical Ethernet and its Survivability- A Comprehensive Survey", International journal of Engineering and Innovation Technology, Vol-5, Issue-4, October 2015, ISSN: 2277-3754.		
3.	Mr. Ranjith Yadav	"Lossless Image compression via Bit plane separation and multilayer context" Published in JAST, Vol VIII, Issue- XVI, Feb 2015		
		"Analysis on perceptual based quality metrics for image and video services" Published in JAST, Vol-IX, Issue XIX.  "Comparison of SEAD and DSDV under various Attacks" published in IJAICT Vol-2, Issue 5 Sept 2015		
		"Performance analysis of TCP for various mobile adhoc routing protocol" Published in IJSRD, Vol-3, issue-9, Nov 2015		

## 8. Revenue Generation

S.No	Name of the Department	Revenue Generated
1	Civil Engineering	Rs. 2,15,223/-
2	Mechanical Engineering	Rs.7,08,621/-
3	Electrical Engineering	Rs. 6,18,469/-
4	Computer Engineering	Rs. 2,00,000/
5	DHMCT	Rs. 1,00,000/
6	Electronics and Communication	Rs. 25,000/-

### 8. STUDENTS CENTRIC ACTIVITY

#### 8.1 SoCh Activity

- AUO group visited GB Pant Hospital to meet unattended cases and visited Dairy farm to gather information about a Deaf and Dumb case of 8 years boy.
- CADE group aid the survey of e-Waste and did sensitization on Waste Management in Dolly Gunj Villa and in KV-II School.
- **SABAS** group conducted Sea shore cleaning and awareness programme.
- ARPAN group collected plastic (drinking water)
  bottles from campus for making plant holders.
  Collected waste rods for making hooks for plant holders and prepared 25 badges for ARPAN members and made 55 small envelopes. 550 bags were prepared with used paper and were distributed in campus and around for creating awareness.
- SANKALP group visited Seva Niketan Ashram and Banbasi Kalyan Ashram and conducted
  - ✓ Filling up of personnel details form of inmates;
  - ✓ Cultural & Literary programme/competitions;
  - ✓ Cleaning of surroundings and:
  - ✓ Visit of Seva Niketan inmates to DBRAIT.
- **SEVA group** door to door awareness programme conducted in Ward No. 14 and 15 for using Toilets, Contacted Councilor for construction of Toilets by Port Blair Municipal Council.
- THUNDER group conducted awareness programme on Renewable Energy and Energy Conservation under SoCh activity. 19/12/2015- DBRAIT students ,16/1/2016- DBRAIT Campus and Loknath and Royal Colony, Dollygunj ,30/1/2016- SSS School Line, RBV, Junglighat Schools,12/2/2016- St Mary's, VKV schools and on 5/3/2016- Special Lecture arranged on Road Safety in collaboration with Police department.
- SWACH (Safe Water and Cleaned Habitat) group monitored 15 wells for its water quality, surroundings of the wells were cleared and few pollutant wells were completely cleaned.

#### 8.2 National Service Scheme activity

As a regular activity the Institute conducted tree plantation programme in different places, ITI ground cleaning, Parade practice, Yoga and Exercise. 2-days residential special camps were also conducted wherein the activities like Medical Camp and sea-shore cleaning, morning exercise of NSS volunteers, Playing a game with local youth were conducted.

### 8.3 Best Project Award and Exhibition

To give more thrust on Practical Exposure and Skill Development the DBRAIT is motivating the students and faculty to take up real time working projects, Software Development Projects and Design Based Projects at Diploma and Degree Level Engineering programmes. In the afternoon session of 20.4.2016, around 200 students of various schools namely KV-I, Carmel Sr.Sec.School, VKV, St.Mary's School, Govt. Model Sr.Sec.School and Sr.Sec.School, School Line attended the project exhibition wherein they were exposed to various hardware and software based live projects developed by diploma and degree students of DBRAIT.





#### WINNERS OF BEST PROJECT FOR DIPLOMA COURSES

Prize	Title of the Project	Department	Project Guide	Name of the Student	Amount
1 <sup>st</sup>	Design and	Mechanical	Mr. B. K. Jena	1. Soma Shekar	Rs.
Prize	Fabrication of			2. B. Abhishek	10,000/-
	Storage Type Water			3. Rohit Ram	
	Coller with Hot				
	water Facility				
2 <sup>nd</sup>	Monitoring of	Civil	Ms. Aishwarya	1. S. Sneha	Rs. 5,000/-
Prize	water quality and			2. Susmita Das	
	preparation			3. Tapas Dhali	
	Database for			4. Biswajit Sarkar	
	Middle Andaman				
3 <sup>rd</sup>	Design and	Electrical	Mr. Arun	Abhishek Sen	Rs. 3,000/-
Prize	Fabrication of		Srivastava	2. Projit Sarkar	
	reverse power and			3. Chirajeet Sen	
	voltage relay			4. Priya	
	Testing Kit				

## WINNERS OF BEST PROJECT FOR DEGREE COURSES

Prize	Title of the Project	Department	Project Guide	Name of the Student	Amount
1 <sup>st</sup>	Analysis, Design of	Civil	Mr. Jenson	1. Sujan Mondal	Rs.
Prize	RCC Building and		Daniel	2. Proshanto	10,000/-
	Confined Masonry			Mondal	
	and Comparison			3. P. Suhasni	
	Based On Seismic			4. Arunima Das	
	Performance and				

	Cost Benefit				
	Analysis				
2 <sup>nd</sup>	CSC Monitoring	Computer	Mr.	Nandini Bawali	Rs. 5,000/-
Prize	Portal (Attendance		Sukvinder	2. T. Priya	
	and Invoice)		Singh		
3 <sup>rd</sup>	Canteen	Electronics	Mr. Sree	1. Mamta	Rs. 3,000/-
Prize	Management		Kumar	2. Mohd. Ashif	
	System Using			3. Stephen Raj	
	Smart Card				

# 9. Non Formal Courses - TVET Training

Sl.	Name of the Centre	Courses	Total No. of students		udents	Overall Total
			Male	Female	Total	
1	Diglipur	Computer Application Level-I	9	6	15	46
			2	0	2	
		Computer Application Level-I	8	5	13	
		Computer Fundamental	11	5	16	
2	Mayabunder	Computer Application Level-I	11	30	41	80
		Computer Application Level-II	6	3	9	
		Fashion and Apparel Design Level-I	0	18	18	
		Fashion and Apparel Design Level-II	0	7	7	
		Zardozi Work	0	5	5	
3	3 Rangat Computer Application Level-I		27	21	48	107
		Tally Accounting Package	5	3	8	
		Computer Hardware	1	6	7	
		Fashion and Apparel Design Level-I	0	13	13	
		Machine Embroidery	0	4	4	
		Glass Painting	0	5	5	
		Glass Painting	0	22	22	
4	Ferrargunj	Computer Application Level-I	4	8	12	30
		Computer Hardware	9	0	9	
	Computer Hardware		1	4	5	
		Multimedia	0	4	4	
5	Main Centre	Multimedia		2	7	58
		Computer Application Level-I		10	28	
		Fashion and Apparel Design Level- III	0	23	23	
6	Hutbay	Computer Application Level-I	22	32	54	54

7	Katchal	Fabric Painting	0	17	17	17
8	Kamorta	Computer Application Level-I	12	14	26	26
9	Campbell Bay	Computer Application Level-I	5	5	10	88
		Computer Application Level-I	6	9	15	
	Computer Application Level-II		1	8	9	
		Computer Application Level-I		4	8	
		Office Automation	2	14	16	
		Office Automation	2	14	16	
		Fashion and Apparel Design Level-I	0	14	14	

### 10. Training and Placement Cell

### 10.1 Placement Through Campus Selection

#### 1. B.Tech students

- 01 B.Tech CSE final student got selection in M/s BIT Wireless Pvt. Ltd.
- 02 student each from B.Tech ECE and CSE, 03 students from Civil got selected in M/s
- 01 B.Tech ECE student selected in M/s SALSAM AGENCIES.
- 03 B.Tech students were taken as apprentice in ISRO Dollygunj.

#### 2. Diploma students

- 02 students from Electrical, 03 students from Electronics and 02 students from Mechanical selected in BAHLE Behr India Ltd, Pune.
- M/s Agency House, Port Blair conducted campus selection for Mechanical stream,03 students got selected.

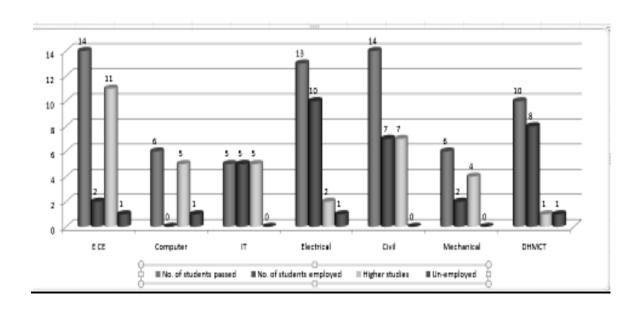
## 10.2 Continuing Education Programme

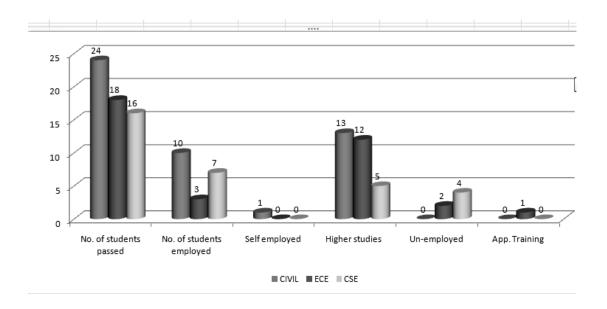
02-CE programmes were conducted for in-service personnel's and 26 officials were trained in workshop practice and Auto-CAD respectively.

#### 10.3 Offering Resource Faculty

- 04 Faculty members were provided Stress Management/Problem Solving/Human Values related modules to EPP workshop conducted by Khadi Gram Udyog.
- Resource persons provided for Police training institute for Behavioral Science Module.
- Faculty delivered Stress Management Modules to NGOs.

## 10.4 Placement details of Diploma students





### 10.5 Industrial visit:

S.No	Discipline /Semester	Date of visit	Organization	No. of students
1.	Industrial visit of Electrical III yr.	11/07/2015	Garacharma Sub- station	36
2.	Industrial visit of Mechanical-III yr.	27/07/2015	Chevrolet service centre	25

3.	Industrial ECE-VI- sem B.Tech	20/08/2015	ISRO	26
4.	Industrial visit of Electrical students	31/07/2015	Garacharma	18
4.			sub-station	
5.	Industrial visit of HM students	29/08/2015	Rose Valley	80
6.	Industrial visit of B.Tech ECE –IV	04/09/2015	DSS	13
	yr.	00/00/2017	IGDO	22
7.	Industrial visit of Diploma-ECE-II yr.	09/09/2015	ISRO	23
8.	Industrial visit of DipECE-II yr.	11/09/2015	AIR, Brookshabad	20
9.	Industrial visit of DipB.Tech- ECE-II yr.	09/09/2015	AIR, Brookshabad	20
10.	Industrial visit B.Tech ECE-II yr. ECE	15/09/15	PMB	35
11.	Industrial visit B.Tech IIIyr.	17/09/15	PRO Marine Hill	35
12.	Industrial visit B.Tech ECE-IIIyr.	19/09/15	Surya chakra, Bambooflat	35
13.	Industrial visit Mech. III yr.	24/09/2015	DSS, Port Blair	34
14.	Civil –III yr Dip.	01/10/15	Naya Sahar dam	40
15.	VI sem. ECE Diploma	05/02/2016	NTPC Garacharma	23
16.	II yr. Electrical	09/02/16	Garacharma Sub station	35
17.	IV sem. Mechanical	10/02/2016	AKT Workshop	33
18.	IV sem. Civil B.Tech	09/02/2016	Pondicherry University Brookshabad	39
19.	IV sem. Electrical	23/02/2016	Chatham Power house	36
20.	IV sem. Electrical	03/03/2016	Chatham Saw Mill	37
21.	IV sem. Mechanical	03/03/2016		32
22.	IV sem. ECE	04/03/2016	Police Radio Marine Hill	24
23.	DHMCT/FP/FOO	10/03/2016	Milk Plant ANODCO	106
24.	III rd. Diploma ECE	08/03/2016	NTPC Garacharma	24
25.	II yr. Diploma-ECE	10/03/16	Suriya Chakra, Bambooflat	23
26.	B.Tech CSE-III yr.	11/03/2016	ISRO, Dollygunj	34
27.	B.Tech Civil-II	14/03/2016	Veer Savarkar Airport,	40
28.	B.TEch III yr. CIVIL	18/03/2016	Lambaline	30
29.	B.TEch IV yr. CIVIL	21/03/16		40
	Total visit conducted: 29		Total	996

# 10.6 Training and workshop of students

S.No	Branch	No of student	Name of the Organization	Duration of Training
1	B.Tech Civil	10	APWD AandN Islands	01/06/2015 to 30/06/2015
2	Diploma -Civil	14		
3	B.Tech students	27	MSME, Chennai	03/06/2015 to 30/06/2015
4	B.Tech CSE	35	Net work Bull	01/06/2015 to
5	DiplomaComputer/IT	17		30/06/2015
6	B.Tech CSE	39	National Bridged Design	09/10/15 to
7	B.Tech ECE	01	Championship	10/10/15
8	Diploma ECE	14	1	
9	Diploma IT	23	1	
10	Diploma computer	28	1	
11	ECE	30	NSRY	04/06/15 TO 04/07/15
12	Mechanical	31	ALHW	22/12/15 to 04/01/16
13	B.Tech Civil/ECE/CSE	126	Soft Skill Training	10 days
14	DHMCT-II YR.	27	Hyatt Regency, Chennai 5 Star, Park Hyatt, Chennai 5 Star, Holiday Inn Jaipur City Center, Jaipur 5 Star, The Westin Chennai Velachary, Chennai 5 Star, The Radisson Blu Hotel Chennai City Center, 5 Star, Park Plaza Delhi CBD, 5 Star Luxury, Club Mahindra Kandaghat, 5 Star Luxury Resort	27/03/16 (112 days)

# 10.7 Staff training

S.No	Name of the Faculty	Topic	Name of the Organization	Duration of Training
1	S. Sangeeta, Lecturer(ECE)	Trng. Embedded system programming and applications ARMT PLC2378	ATI, Chennai	08/06/2015 to 12/06/2015
2		Trng.8051 Micro Controller and its applications	NITTTR, Chennai	22/06/2015 to 26/06/2015
3	Shri Palani Murgan Lecturer(Physics)	Orientation –ISO- 9001-2008	In-house	22/07/2015
4	Smti Rajshree Narayanrao Kulkarni, Assistant Professor(Civil	Orientation –ISO- 9001-2008	In-house	22/07/2015
5	Shri Altamash Mustafa, Assistant Professor(Civil)	Orientation –ISO- 9001-2008	In-house	22/07/2015
6		First aid fire fighting	Department of Chief fire Services	12/10//2015 to 16/10/2015
7	Shri G. Venkat Raman, Assistant Professor(Civil)	Orientation –ISO- 9001-2008	In-house	22/07/2015
8	Smti T. Diana Joslin Assistant Professor(Civil)	Orientation –ISO- 9001-2008	In-house	22/07/2015
9	Smti S.Raji Smti Aishwarya	Conference on Green Building	Ahmedabad	17 <sup>th</sup> to 21 <sup>stnOV.2015</sup>

## 10.7 Guest Lectures conducted 2015-16

S.No	Date	Name expert	Topic	Deptt./ Semester
1	27/07/15	Shri G. Brahmaiah, AIR	About AIR and general career operations	V sem /ECE
2	03/08/2015	Shri S. Srinivasan,	Career opportunities and	V sem. ECE
3	06/08/2015	Police Radio	basic of Electronics	
4	12/08/2015	Shri G. Brahmaiah, AIR	Communication techniques	III sem.ECE
5	19/08/2015	Shri Rakesh Kumar Singh, Electricity Deptt.	Recent modification of IE Rule	Vsem. Electrical
6	02/09/2015	Aparna Yadav Office Executive Lalit Ashok Hotels and Resort	Industrial Interaction and experience sharing	DHMCT/FP/FOO/H K
7	14/09/2015	Cdr. Sunil Karra, NSRY	Stability ofr Structural Design of Ship	Mech-all
8	14/092015	Shri Tejwant Hotel Industry	Industry Interaction session	DHMCT/FP/

9	28/09/2015	Shri Manohar Singh	Energy audit and energy	EE/ME
		Rtd. SE Electricity	conservation	
		Deptt.		
10	03/10/2015	Miss Zeenath Bibi,	Career Opportunities in IT	DCE/IT -III
		NIC	industry	
11	06/11/2015	Shri Kannan	Preparation and Cake	FP /DHMCT
			decoration	
12	11/01/16	G. Brahmaiah, AIR	About AIR and general	II yr. Diploma
			career operations	
13	22/01/16	Abhinav Srivastava	Career Opportunities in	Final yr.
		Asst. Comdt. Coast	Indian Coast Guard	
		Guard		
14	04/02/16	Dr. Biswajith Halder	General Mechanical	II and III
15	06/02/16	Pof. Satish Vasu	Closing loop sustainability	All students
		Kailash, Indian	and well being	
		Institute of Science		
16	04/03/16	Shri Rubesh	Advanced programming in	IV SEM.
		SOVTECH	language in IT	
17	11/03/16	Shri Vikram Singh	Recent and future energy	VI sem.
		Central Electricity	trends in our count	
		Aauthority		
18	17/03/16	Shri Mohd. Arif	PWD store process and	VI sem.
		APWD	Tender process	

## 11. Co-Curricular activity

## 11.1 Techno Sports

10th Techno Sports was organized on 20.02.16 at Netaji Stadium wherein 35 events were conducted. This year Techno Sports was celebrated with a theme. The theme was PRAVAH' "the flow" which signified flow of energy, flow of action, continuity of efforts, consistency in approach and above all, the rush of sportsmanship in our lives that kept us going.



EVENT	WINNER	1ST RUNNER UP	2ND RUNNER UP
100 Mtr (Boys) race	Amit Dey	Haridya Raja	Puspender Sain
100 Mtr (Girls) race	Popy Roy	J.Ranjeeta	Vaishali Devi
1500 Mtr (Boys) race	M.Harish Gopal	Shreekanta Das	Vibin
1500 Mtr (Girls) race	M Priya	Nitika Kumari Minj	Laxmi Devi
200 Mtr (Boys) race	Amit Dey	Puspender Sain	Rabindranath Das

200 Mtr (Girls) race	Vashale Devi	Sunanda Bala	R Kaliamma
3 Leg Race (Girls)	Sonam, Popy Roy	T. Vanisree, Divya	S Uma, J.Ranjeeta
400 Mtr (Boys) race	Puspender Sain	Shreekanta Das	Amit Dey
400 Mtr (Girls) race	R Kaliamma	Nilanjana Biswas	M. Soniya
4x100 Mtr Relay	Amit Dey, P.	Pramod Das	Nibir Das
(Boys) race	Mohammed	Haridya Raja	Sajid Ali
	Shameem,	Vibin	A.M.Arup Kumar
	Rabindranath Das,	Chirenjeet Sen	A.Akershan Seth
	Sarup Kumar Biswas		
4x100 Mtr Relay	J.Ranjeeta, M.	Sonam	Nilanjana Biswas
(Girls) race	Soniya, T.Anisha	Shivli	Y.Verhsa Anand
	Kala, Kumari	Popy Roy	Sangeetha Yadav
	Vishakha	Pooja Karmakar	R.Kalianna
800 Mtr (Boys) race	S Chand Kumar	M Harish Gopal	Sarup Kumar Biswas
800 Mtr (Girls) race	Nitika Kumari Minj	M Priya	Sivani Rawat
Badminton Doubles	Nibir Das, Nilesh	K Sailesh Kumar,	
(Boys)	Kumar Toppo	Tejas Babar	
Badminton Doubles	Hemlata Bairagi, K	B S Jincy Mol, P	
(Girls)	A Samina	Shanti	
Badminton Single	Suresh Babu	Bibhash Maity	
(Boys)			
Badminton Single	T.Anisha Kala	Richa Chand	
(Girls)			
Bicycle Race (Boys)	Anup Das	Animesh Das	Bagbul Mondal
Carrom (Boys)	Haseeb Zafrullah,	Ch Yogeshwar Rao,	
	Neeraj Kumar	Prasenjit Samadder	
	Choudhary		
Carrom (Girls)	Promita Halder, N Z	Gayatri J K, Sriti	
	Farzana	Muzumder	
Discus Throw (Boys)	Neethi J	Amit Kumar Gain	Pramod Das
	Vetriyarasan		
Discus Throw (Girls)	T.Anisha Kala	R Kaliamma	Nilanjana Biswas
Football (Boys)	Manesh Ram, Kanak	Neetesh Kumar,	
	Raj C, Shohil Ismail,	Anup Lall, J	
	Sibi Mathew, Sujay	Chiranjivelu, Nitish	
	Madhu, Olake, Vipul	Biswas, Yasir	
	Kumar, Sanjeev	Araafath P, E P	
	Yadav, P.	Mohammed Anwar	
	Mohammed	Shreekanta Das,	
	Shameem, E P Abdul	Alok Kumar,	
	Wasim, Huzaifa	Soumitra Roy,	

	T '1 A '/ D	D'11 1 M 1 1 D	
	Tanish, Amit Dey,	Bibhash Mondal, B	
	Anil Bahadur Rai,	Shiv Sankar	
	Sukdev Bepari, Vivek Kumar	Moorthy, Minju	
	Vivek Kumar	Tirkey, M Anshif,	
		Vinay Kumar, Navin	
II. 1 I (D)	TM 1 D 1	Kumar	A '/ D
High Jump (Boys)	T.Mohan Babu	Ronit Kumar Dhali	Amit Dey
High Jump (Girls)	Vashale Devi	M. Soniya	R Kaliamma
Javelin Throw (Boys)	Manoj Das	Amit Dey	M Harish Gopal
Javelin Throw (Girls)	P Shanti	T.Anisha Kala	Chandrama Biswas
Long Jump (Boys)	Sukdev Bepari	Amit Dey	Avinash Kumar
Long Jump (Girls)	T.Anisha Kala	Shiuli Halder	Nilanjana Biswas
Short Marathon	Nitika Kumari Minj,	Sarup Kumar	Kumari Vishakha,
	Pradeep Kumar	Biswas, Sivani	Vibin
	Yadav	Rawat	
Shot Put (Boys)	Debasish Karmakar	K.Seth Elaventhan	Amit Kumar Gain
Shot Put (Girls)	K Karthiga	T.Anisha Kala	Chandrama Biswas
Skipping Race (Girls)	Laxmi Devi	Shijithra V	Popy Roy
Table Tennis Doubles	Mohammed	Kanai Lal Das,	
(Boys)	Shahnawaz, Manoj	Tanmoy Mondal	
	Halder		
Table Tennis Single	Pramod Das	M Mohammed Arif	
(Boys)			
Table Tennis Single	Pooja Kumari	Chandrama Biswas	
(Girls)			
Volleyball (Boys)	T.Mohan Babu,	S Nagraj, Amit Dey,	
	Anup Lall,	Mohammed Sharif,	
	K.Dileswar Rao,	Animesh Ram,	
	Vinay Kumar, M	Shohil Ismail, Sujay	
	Anshif, J	Madhu, Sukdev	
	Chiranjivelu, Sagar	Bepari, R Rohit	
	Barman, R Zeeshan	Kumar	
Volleyball (Girls)	Kumari Vishakha,	Amrita Tomar,	
	Sujita, Surochita	Kalpita Mondal,	
	Mukherjee, M.	Babita Roy, Shiuli	
	Soniya, Dipty Latha	Halder, Sriti	
	Kujur, Chandrama	Muzumder, Bhavani,	
	Biswas, N. Sindhuja	Sonam	
	T.Anisha Kala		
Group Dance	Civil (Diploma)	DCE(Diploma)	Mechnaical(Diploma)
Hindi Skit	ECE(B.Tech)	Civil(B.Tech)	IT (Diploma)

## 11.2 Achievement of State Level Competitions held during 2015-16

S.No	Name of the organizing Department	Name of the competition	Name of the winners	Position	Occasion
1	State Institute of	Essay	Vishakha (B.Tech)	I	National
	Education		(CSE)		Integration
2	Airport Authority	PPT	Amitesh (Mech. I)	I	Vigilance
	of India		Ankit M Nair	II	Awareness
			(Mech. I)	III	
			Sathyam (Mech. I)		
3	Environment and	Debate	Priyanka Seal	Consolation	World Wildlife
	Forest		(B.Tech) CSE		week
4	Ismat	Speech	Priyanka Seal	Consolation	Woman
			(B.Tech) CSE		Empowerment
5	Ramakrishna	Elocution	Amitesh Gain	I	National Youth
	Mission		(Mech. I)		Day
6	Environment and	Essay(Hindi)	Priyanka Sanga	I	National
	Forest	Essay	(B.Tech) CSE II		Environment
		(English)	Shiv Nanda	I	Day
			(B.Tech) Civil IV		
7	AICTE	Essay	Zeiba Ansari (DCEI)	I	National
			Antara Panja (Elect-	II	Education Day
			I)	III	
			Pratibha (IT I)		
8	Department of	Techno-Quiz	Teja (B.Tech) ECE	I	Cyber Crime
	Police		Kartic (B.Tech) CSE		Techno Quiz
9	Inter college Fest	Cultural,	DBRAIT	I	College
		Literary,	Best College of the		Festival
		Games	year		

### 12. PHYSICAL TARGET ACHIEVED DURING THE ACADEMIC YEAR 2015-16

- 1. A total of 227 students were sent to Local/Mainland Industrial Attachment Training.
- 2. A total of 06 Faculty/Staffs were sent to training as per AICTE norms.
- 3. A total of around 414 major equipments and furnitures were purchased during the year for new and existing degree/diploma courses.
- 4. A total of around 2267 books and learning resource materials were purchased during the year.
- 5. New Community College opened at Ferrargunj with 03 no. of courses viz. Electrical, Automobile and Computer with in-take of 30 students in each course.

## 13. FINANCIAL TARGET ACHIEVED DURING THE ACADEMIC YEAR 2015-16

The proposed outlay for the Annual Plan 2015-16 for Technical Education was Rs.1714 lakhs of which Rs.1094 lakhs were Revenue Component and Rs.620 lakhs were Capital Component.

### 13.1 Summary of expenditure for the year 2015-2016:

Name of the item		Allocation of fund in Budget Estimate 2015-2016	Allocation of fund in Final Estimate 2015-2016	•
Salary	728.30	728.30	708.70	708.70
Office Expense	100.00	100.00	124.00	124.00
DomesticTravel xpense	10.00	10.00	10.00	10.00
<b>Building (Civil Works)</b>	500.00	500.00	600.00	597.59
<b>Machineryand Equipments</b>	120.00	120.00	120.00	120
<b>Professional Services</b>	70.00	70.00	180.00	179.98
Others	185.70	185.70	259.30	259.25
Total	1714.00	1714.00	2002.00	1999.52

## 13.2 Details of Other Expenditure (in lakh):

Particulars	Provision kept in Annual Plan 2015- 16	Allocation of fund in Budget Estimate 2015-16	Allocation of fund in Final Grant 2015-16	Actual Expenditure during 2015- 16
Study tour / Industrial visit/ Reimbursement of lodging charges to students of DBRAIT appearing for campus interview at mainland	10.00	10.00	3.33	3.33
Training/ Seminar/W/shop of staff	5.00	5.00	1.46	1.46
Purchase of Library Books and learning material etc	22.00	22.00	8.74	8.74
LRs and Furniture	9.00	9.00	7.59	7.59
POL/Vehicle maintenance	8.00	8.00	11.46	11.46
Operation and maintenance	10.00	10.00	38.12	38.09

Water / Electricity charges	31.00	31.00	94.78	94.78
Wages to Part time faculty / staff /TSMs	100.00	100.00	105.35	105.35
Stipend	35.00	35.00	46.57	46.56
Setting up of Community Radio Station	5.00	5.00	0.00	0.00
Environmental activities	5.00	5.00	0.00	0.00
Payment to local consultants	5.00	5.00	0.00	0.00
Establishing Solar Power plants	10.00	10.00	0.00	0.00
DTE	10.00	10.00	10.00	10.00
OTA	0.70	0.70	0.30	0.29
Faculty support from reputed institutes /colleges / universities of mainland and opening Extension Center of these Universities	3.00	3.00	0.00	0.00
Distinguished Lecture Series	1.00	1.00	0.00	0.00
Career advancement programme for faculty	2.00	2.00	0.00	0.00
Affiliation with university/MoU of MSBTE	2.00	2.00	40.61	40.61
Accreditation from AICTE / NBA	10.00	10.00	14.99	14.99
Distance education through VSAT, networking with reputed institute / universities.	2.00	2.00	0.00	0.00
Professional Services	70.00	70.00	180.00	179.98
Medical Treatment	10.00	10.00	10.00	10.00
Sub-Total (b)	365.70	365.70	573.30	573.23

# 13.3 Details of district-wise programme. Non Recurring-Civil (a) Continuing Work

S.NO	NAME OF WORK	Provision In Annual Plan 2015-16	Expenditure Incurred in 2015-16
1	Special repair of Extension Centre at Campbell Bay, Hutbay,	15.00	14.00
	Car Nicobar, Kamorta and other islands	19.00	
2	Construction of extension centers at Havelock, Neil, Baratang, Terressa and Katchal	19.00	
3	Supply, installation, testing and commissioning of AC's in the computer labs, restaurant, library under DBRAIT	8.00	26.59
4	Repair and maintenance works etc. in academic building, workshop, auditorium,qtrs under DBRAIT	3.00	16.89
5	Widening and carpeting of road (Gate-II to auditorium side) under DBRAIT	11.00	
6	Construction of shed for housing Solar water heating system near hostelunder DBRAIT	5.00	
7	Construction of pulp tank inside the window compost plant under DBRAIT	3.00	0.44
8	Providing roofing over electrical control room near auditorium under DBRAIT	5.00	9.00
9	Providing of steel platform / cat's walk at Multipurpose Hall under DBRAIT	4.00	
10	Construction of store room for HSD oil under DBRAIT	7.00	
11	Development of parking area at auditorium under DBRAIT	5.00	
12	Improvement of park, Playground/Multipurpose Hall under DBRAIT	4.00	
13	Providing fencing around the PDME ground under DBRAIT	7.00	
14	Civil work related to establisment of community radio station	3.00	
15	Renovation / construction of workshop / classroom for community college at Ferrargunj	40.00	60.00
16	Civil work related to establisment of biogas plant	3.00	
17	Civil work related to establisment of paper recycling plant	3.00	
18	Civil work related with other environmental activities	5.00	
	Sub-Total (South Andaman)	150.00	126.92
	Total (Civil Works)( in lakhs) (a+b)	500.00	597.59

#### b) New Works

SL.	NAME OF NEW WORK	Provision	Expenditure
NO.		In Annual	Incurred in
		Plan 2015-	2015-16(IN
		16	LAKHS)
1	Construction Workshop Building for diesel engine lab,	153.00	104.45
	carpentry and foundry under DBRAIT		
2	Construction of B.Tech Blocks at DBRAIT	160.00	335.72
3	Repair and maintenance works in the Maritime Hostel under	13.00	7.22
	DBRAIT.		
4	Repair and maintenance work in the SOVTECH building,	4.00	5.68
	C/o of Service Slab Bins etc. under DBRAIT		
5	Widening of passage for QTL laboratory, repair and	10.00	7.60
	maintenance work in the automobile workshop replacement		
	of roofing sheet etc. under DBRAIT		
6	Maintenance and repair of TVET center, Rangat	10.00	10.00
	Sub-Total (South Andaman)	350.00	470.67

#### Revenue receipt for the year 2015-16

Revenue receipt	Rs. 88,74,733/-

#### 14. OTHER INITIATIVES

- Hon'ble Minister of State for Human Resource Development, Govt. of India, Prof Ramshankar Katheria visited DBRAIT and interacted with faculties.
- Conducted closing function of Digital India Week.
- First Meeting of the State Level Advisory Committee held on Technical Education for the UT of Andaman and Nicobar Islands at Port Blair.
- 83 titles and 1023 copies of books purchased for Degree Programmes and 120 titles and 1900 copies of books purchased for Diploma Programmes during the year 2015 -
- Organised Food Festival by Hotel Management Students for general public.
- Conducted Training on Soft Skill and 103 students participated.
- Planting of saplings and 'Cleanliness Drive' by NSS volunteers on the occasion of Vanmahostav.
- Rope- in programme organized for the newly admitted students of both Diploma the B.Tech programme.

- 33 B.Tech students were sent to Pondicherry Engineering College for attending placement interview. 6 students were placed in TCS.
- Organised Elocution Competition in Mechanical Department on 'Ozone layer depletion, causes, effect and remedy'.
- The Compendium for SoCh activities alongwith News letter 'Anvesha' was released by Hon'ble L.G. on 14.11.2015.
- Inspection of Pondicherry University team for affiliation.
- Organised various competitions on the occasion of Hindi Fortnight.
- Inauguration of Community College at Ferrarguni Skill which is offering three Development Programmes viz. Automobile, Software Development and Electrical Equipment Maintenance.
- Organised State Level Meeting on New Education Policy.
- Students and Staff contributed an amount of Rs.1.71 lakhs towards LG's Relief Fund- an activity of SoCh under PRATIDAAN.
- During Vigilance Awareness Week conducted Seminar and Competition by BSNL, Airport Authority of India at BRAIT.
- Skill Development Course for Fashion Apparel Designing Level - I and Level-II, Garment Making Level - I were completed.
- Implementing SoCh activity along with curricular activity for students to inculcate social responsibilities amongst them.
- Interaction of students with RBI Governor.
- Organized two-day workshop on MATLAB based gesture recognition. 101 students participated in the workshop.
- Andaman and Nicobar College Youth Festival "LAKSHYA 2016" was organized for a duration of one week from 23.02.16 to 27.02.16. The function was graced by Hon'ble L.G. A.K.Singh, AVSM,
  - PVSM, SM, VSM alongwith the Chief Secretary, Principal Secretary (Higher Education), Secretary (Education), DGP, DC (South Andaman) and other secretaries of Andaman and Nicobar Administration. Deans and Principals of participating







colleges, DBRAIT, JNRM, ANCOL, TGCE, MGGC, ITI, Pondicherry University Brookshabad Campus, ANIIMS, School of Nursing and DIET along with Heads of the Departments of other offices of the islands were also present during the closing

ceremony of the event. The Best College of the Year – 2016 Award was triumphed by DBRAIT students

- Open forum conducted at Departmental level and Institutional level.
- On the occasion of International Women's Day a programme was organized in DBRAIT entitled GARIMA ("The PRIDE") wherein all girl students, women faculty members and staff attended the



same. A multimedia presentation was made describing the great achievements of Indian women in different fields. The students presented poem recitation, skit and spoke about Women's role in building a healthy and integral society and Nation. On this occasion two lady auto-rickshaw drivers, Ms. Laxmi and Ms. Jaquline, were felicitated and they shared their experience about how self-confidence, courage and determination brought success in their life. They advised the girl students to always look forward in life with good opportunities they have got for their education. Two women employees of the Institute, Ms. Jaylaxmi and Ms. Bhooma were also

felicitated on the occasion for their role in keeping the campus and hostel clean and hygienic. At the end of the programme Ms. Gunvanti Parmar, HOD (ECE) and Chairperson, Committee Against Women Harassment made a multimedia presentation to highlight the role of the Committee against women harassment in the Institute.



- Guest lecture by Professor Mr. Satheesh Vasu
  Kailash, Faculty from Indian Institute of Science on the topic "Sustainability and
  Research Innovations".
- DBRAIT was one of the centre for the GATE examination 2016.
- The Skill Development Programmes on Information and Communication Technology (Computer Application) and Fashion and Apparel Design started in Gram Panchayat Building, Mithakhari on 14th March 2016. The Principal Secretary (Education and Urban



Development), A & N Administration, Shri Raajiv Yaduvanshi, IAS inaugurated the SDP programme.

 9<sup>th</sup> edition of sports compendium, an effort to acknowledge and admire the sports legends of these Islands, was released on the occasion of Techno sports 2016. The compilation includes the commendable achievements of the sons / daughters of the soil who are remembered as epitome of sports for their contributions and sportsmanship.



- Farewell conducted for final year students by staff of the Institution.
- Institute felicitated Mr. Jagdish Narayan Rai and Mr. Shahul Hameed for writing and composing, DBRAIT Theme.

#### 16. Future Milestone

#### 16.1 Academic:

- To increase the strength of Diploma programme from 40 to 60;
- to restrict the drop-outs in the first semester to less than 10%;
- to start new maritime courses and
- to incorporate structured training and assessment schedule for all diploma students.
- National Level Chef Competition Planned by HM Department.
- Theme based Dinner to be arranged for teaching staff.
- Hoteliers meet to be conducted by HM Dept.

#### 16.2 Research

• To promote at least one research project funded by external agencies

### 16.3 Infrastructure:

- To coordinate the completion of new academic block.
- To initiate action for new library block.
- To establish three new labs (Communication Engineering, Advance Communication Engineering and Applied Electronics) in the new block for Electronics and Communication Department.
- To establish three labs for Computer Science and Engineering (HPC, Hardware Network, Enterprise Solution).
- To establish three new labs for Electrical Department in B.Tech Block, Power Electronics and Control System.
- To establish three new labs for Civil (Environmental, Transportation Engineering and Geology)

#### 16.4 **Quality Up-Gradation**:

- To have the NBA Accreditation for all diploma programme and degree programme.
- To revisit the QAP of ISO 9000.
- To facilitate effective monitoring of TFJ, KST and other programmes.
- To obtain NAAC accreditation.
- At least 5% improvement in result projected by Electronics and Electrical Department.
- Work-shop/Symposium Planned by Electrical and Electronics Department.
- National level workshop by the Civil Dept. in the October, 2016.
- One In-house training during summer vacation for Civil students.

#### 16.5 Societal:

- To promote SoCh activity with more vigour;
- to involve students in preparation of village development plan and
- to establish incubation centre.

#### 16.6 Environmental:

- To establish Bio-Gas plant with one tonne capacity.
- To increase the capacity of rain water filter plant.
- To implement LED lighting in all prominent places
- To facilitate monitoring of electricity consumption in all labs having air conditioner.

#### 16.7 Students Grievance and Governance

- To review and monitor prompt disposal of student's grievances.
- To have mobile app for all students centric feedback system

## 16.8 Training and Placement:

- To organise training for faculty and staff to improve their teaching and technical skills.
- To arrange training for students to improve their soft skill and technical aptitude for better employability.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Quality is never an accident, it is always the result of high intention sincere efforts, intelligent direction and skillful execution, and it reflect the wise choice of many alternatives.

# W.A. Foster



Compiled By Ms.Lizzie D'cruz, Mr. Akbar Ali and Mr. Rajib Bag

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### Research, Consultancy and Extension

The faculty are exposed to the research culture by the numerous national level seminars and conferences arranged by the Training and Placement cell of the Institute. Faculties are encouraged for publications and presentations. The Institutional support to its faculty for submitting Research projects and securing external funding through flexibility in administrative processes and infrastructure and academic support are crucial. As the college is in growing stage, the Institution is determined to support in terms of financial, academic and human resources required and timely administrative decisions to enable faculty to submit project proposals and/approach funding agencies for mobilizing resources for Research on need basis.

The College undertakes various consultancy works. The holistic development of the student is a main focus of the college endeavors as defined in one of the Mission statements of the College. To fulfill the same, a variety of extra-curricular activities such as sports, extension activities like SoCh activity, NSS and participation in club activities are part of the college life of the students. These activities build competitive and team spirits, the emotional intelligence and the mind-set of the students to address the societal needs.

By ensuring the participation of real time academic projects the research is being promoted among the faculty and students. The College has launched outcome based education system where in project based learning is encouraged. The Institute has been approved as a Business Incubator. This Incubator will promote and support untapped creativity of individual innovators and to assist them to become technology based entrepreneurs. The innovation activities will be monitored by Shri Arun Srivastava and Dr. Muthukumaran, Assistant Professor, Electronic & Communication Engineering as Dean & Associate Dean (Research & Innovation) respectively.

Project proposal is being prepared for acquiring fund from MHRD under RUSA scheme. The details of proposal is as under

Title of research proposed	Principal Investigator
Development of Knowledge Base Ontological Framework for	Dr. Shrabani Mallick
Indigenous Medicinal Plants of A & N Islands (KBOF) – A	
Semantic Web Portal for Medicinal Plant Digital Library	
Design and Development of Hand-held Bio Electro	Dr Muthu Kumaran
Magnetism Measurement gadget with an assessment of	
physiological and psychological parameters on impact of	
electro Magnetic interference on Biological Tissue	
Animation and multimedia based learning teaching aid for	Mr. Rajib Bag

slow learner in education	
Upgradation of library of the Institution	Mr. Harsabardhan Barik

The Institutional support to its faculty for submitting Research projects and securing external funding through flexibility in administrative processes and infrastructure and academic support are crucial. As the college is in growing stage, the Institution is determined to support in terms of financial, academic and human resources required and timely administrative decisions to enable faculty to submit project proposals and/approach funding agencies for mobilizing resources for Research on need basis.

The Institute has been approved as a Business Incubator under support for Entrepreneurial and Managerial Development of MSME, and signed MoU with MSME.

Sharing of knowledge especially theoretical and practical findings of research, through various media enhances quality of teaching and learning. The faculties are encouraged to do research publications, conferences and seminars. The students and faculties expectant to do Island specific research outcomes which are more beneficial to the society of Andaman and Nicobar Islands. Faculties have published their research finding in many conference papers.

All the faculties are encouraged to do the consultancy projects in collaboration with industries. The finances generated through consultancy are fairly utilized by the institution's developments. The Civil Engineering Department takes up the consultancy like material testing, structural design, condition assessment, surveying, mix design, water quality analysis, site investigation, etc. Electrical Engineering Department takes up the consultancy work of installation, testing and maintenance of LAN of various departments/organization & design, fabrication, installation, testing, commissioning & maintenance of digital traffic signal lights of South Andaman. The Electronics & Communication Department is providing consultancy to various departments in installation of CCTV cameras. The Computer Science Department takes up the job of software development. The Mechanical Engineering Department is taking the repair works of vehicles of mainly government departments. The revenue generated is shared as per the IRG norms among the faculty members.

This practice has helped to build a good link between other Departments. As and when the requirement comes, consultancy work is carried out by the concerned department. Proper records to be maintained

As and when the requirement comes, consultancy work is carried out by the concerned department. Proper records to be maintained

As and when the requirement comes, continuing education programme is carried out by the concerned department.

Under civil department, material brought by external agencies shall be tested as per WI/D/01/00.

The College put an effort in attracting the consultancy services around the state by organizing conferences, seminars, workshops and FDP programs. We make them to visit the campus and interact with teachers and students of our college. The faculties are encouraged continuously to do the consultancy services after the working hour's .The expertise of the faculty and laboratory is utilized.

Students are being sent for internship training locally & at mainland also.

The Andaman & Nicobar Islands has very few micro industries. The Institute has a very good rapport with local industries and industrial departments like Electricity, Transport, public works Department (PWD),Doordarshan, All India Radio, Bharat Sanchar Nigam limited (BSNL), Naval Ship Repair Yard (NSRY), Directorate of Shipping Services (DSS). The students are regularly sent to these organizations for visit & training. The Engineers from the above mentioned departments are also called as Guest Speakers and External Examiners for Board Practical Exams. In addition the institute has also developed good relation with automobile service centres of Maruti, Hyundai, Ford, Mahendra& Tata Motors. The institute has also developed relationships with service centres of LG, Bajaj, Samsung etc. The trainees of the Community College attached to DBRAIT are sent to these service centres for their practical training.

The Institute set up extension activities throughout the Andaman and Nicobar Islands. There are many people who can't get the facilities of technical education are being trained in out extension programs for their livelihood. Institute makes many social responsibilities for the people of Andaman and Nicobar Islands. Sustainable practices of the institution leading to

superior performance resulting in successful outcome in terms of generating knowledge which will be useful for the learner as well as the community.

One such program being SoCh – Social Challenges. The faculties and students of the college are actively involving the SoCh activities which resulted in good social, cultural challenges being resolved. These are often integrated with curricula as extended opportunities, intended to help, serve, reflect and learn.

The Institution has established permanent extension centres in following areas covering most of the major Islands.

- 1. Diglipur, North Andaman
- 2. Mayabunder, Middle Andaman
- 3. Rangat, Middle Andaman
- 4. Ferrargunj, South Andaman
- 5. DBRAIT Main Centre, South Andaman
- 6. Hut Bay, Little Andaman
- 7. Car-Nicobar
- 8. Katchal
- 9. Kamorta
- 10. Campbell Bay

Various regular skill development programs of CDTP, TVET, CDAC are organized in these centre, especially for school drop-out youths for imparting skill based training and developing self esteem in youth.

The Institution has very well understood its social responsibilities for the development of the islands. With the understanding of social responsibility, the institution has taken the challenge of imparting skill based training in various parts of the islands. The technical departments are providing technical support to various departments.

The staff & students of the institute has formed nine different groups to address various social challenges.

The Institute is actively updating the collaboration process with industries and higher educational institutions for training/student exchange/faculty exchange/ research/resource sharing. There is a MoU signed between IIT Bombay in this regards. A MoU has also been

signed with IIT, Kharagpur for NPTEL & GIAN. A proposal is in pipeline for signing MoU with CDAC, Chennai for facilitating Training & Placement of the students.

## FINIAK MELEH BED FIRSON F.No. 6-5/DBRAIT/PA/2010 (PF)

### TAINATAN SECRETARIAT HOLLARIZINIMA AABODIN DNA HAMADHA

Port Blair, dated the 7th January, 7

OL

Ph: 044-22578100, Fax: 044-22578101. Chennai - 600036. Indian Institute of Technology Madras, The Registrat,

Sub: - Nomination to Board of Governors of IIT Madras - Reg.

Administration. The details of member are as under:-A sint ye as a member for the Board of Governor of IIT Madras by this A & the above cited subject and to inform you that Mr. Utpal, Sharma has be I am directed to refer your letter No. F.R.150/03/2014 dated 28.10.2014 SIL

Mame : Mr. Utpal Sharma

: Principal

Designation

: Dr. B.R. Ambedkar Institute of Technology.

Official Address

Pahargaon, Port Blair

: Office 03192-259693

phone

Fax 03192-250587

Email: dbraept and@nic.in

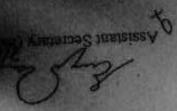
Yllufdrist smoY

Assistant Secretary (Hr. Ed

2. The Principal, Dr. B.R. Ambedkar Institute of Technology, Pahang 1. P.A to Secretary (Edn), A & M Administration for favour of informa Copy to :-

3. Mr. Utpal Sharma, Principal, DBRAIT, Pahargaon for informa

4 F. No. 1-762/2012/D-IV. necessary action.



#### **BRAITIAN CHARTER**

S.No	LIST OF SERVICES	PRE- REQUISITE	Officer(s) responsible for disposal of services	Time frame for disposal	Appellate Officer
1.	TRANSFER CERTIFICATE  1. Pass out students  2. Discontinued students	Completed No dues Certificate	AAI/ AAII	Two Working days	DEAN Academics
2.	BONAFIDE CERTIFICATE	Requesting format	AAI/ AAII	Two Working days	DEAN Academics
3.	EXAM APPEARANCE CERTIFICATE/ COURSE COMPLETION	Final semester exam appeared and result awaited status along with their hall tickets.	AAI/ AAII	Two Working days	DEAN Academics
4.	ISSUE OF MARKSHEET #	Should have appeared in term end exam	AAI/ AAII	Every working Saturday (Regular students) For Pass out as and when the students come.	DEAN Academics
5.	ISSUE OF DIPLOMA CERTIFICATE #	Submitting of No Dues Certificate in academic cell along with 2 pass port size photograph	AAI/ AAII	<ul> <li>45 days after declaration of Result</li> <li>On all working days after 2.30 pm to 3.30 pm)</li> </ul>	DEAN Academics
6.	MIGRATION CERTIFICATE ( Diploma) #	Filled in format along with 100 Rupees Demand Draft in favor of Secretary MSBTE along with copy of Transfer Certificate and 6 <sup>th</sup> semester mark sheet/ AOD/ Provisional Certificate	AAI/ AAII	15 Days after receipt of filled format along with enclosures.	DEAN Academics
7.	MIGRATION CERTIFICATE( DEGREE)	Application form as prescribed in University website can be obtained from Academic cell or University site (www.pondiuni.edu.in.dow nloads)	AAIII	Issued by University to students address on fulfilling of pre-requisite	DEAN Academics
8.	ISSUE of CDC (PDME)#	Submission of fully filled form and required documents	PDME STAFF	Two Months	CO- ORDINAT OR(PDME)

# Subject to receipt from Board/University/ DG Shipping

If the number of days for issue is not adhered to:

Student can complain to

- First Level- Report to Dean Academics (If no response is received for within two working days then)
   Second Level- Report to Principal

WE TREAT YOU AS INSTITUTE CUSTOMER. CUSTOMER DELIGHT IS OUR MANDATE. DO FOLLOW THE SAME PHILOSOPHY WHEN YOU HANDLE CUSTOMER AS PROFESSIONALS

1

## २.५०-६-२/अ७८४/२०४४/१८७४ १४१४ मान्य

## ANDAMAN AND NICOBAR ADMINISTRATION स्पाप्त कार्या अपनिवास्त अपने स्वाप्त कार्या कार्या कार्या अपने स्वाप्त कार्या कार्य कार्या कार्

Port Blair, dated Pacpt, 2017

#### CENERAL CIRCULAR

The Secretary (Education), Andaman and Micobar Administration has directed to all Principals of Degree Colleges in Andaman and Micobar Islands to invariably remain present in their station as and when there is a video conferencing with Ministry of Human Resource Development, Government of India, even through, in case of baving a prior engagement in meetings, video conferencing with Ministry of Human Resource Development/ Government of India will be given priority over any other in-station or out-station engagements.

Therefore, the above directions of the Secretary (Education) may be strictly complied by all Principals of Degree Colleges in Andaman and Micobar Islands.

psiss V.

The Principal, DBRAIT, Pahargaon, Port Blair.
The Principal, JMRM, Port Blair.

3. The Principal, AMCOL, Port Blair.

The Principal, TOCE, Port Blair,

5. The Principal, MGGC, Mayabunder.

2/0

Miles



#### PAHARGAON, PORT BLAIR DIL B.R. AMBEDKAR INSTITUTE OF TECHNOLOGY ANDAMAN AND VICOBAR ADMINISTRATION

Dated: 23 Feb, 2017

#### OKDER Nº 1830

Regency, Kolkata. Symposium scheduled to be held on 23rd and 24th February 2017 at Hotel Hyatt Pahargaon, Port Blair on duty cum tour to Kolkata, to attend International depute Dr. Utpal Sharma, Principal, Dr. B. R. Ambedkar Institute of Technology The Hon'ble Lt. Governor, Andaman and Nicobar Island has been pleased to

the Chief Secretary A&N Administration, Port Blair. to his own duty and OSD (II) shall submit the files relating IT department directly to after the charges of Principal, Dr. B.R. Ambedkar Institute of Technology in addition During his absence Dr. V. Alagu Sundaram, Lecturer (SG) (Maths) shall look

The expenses of to and ito flight charges and stay will be mel by the

erganizers.

(F. No. 6-2/BRAIT/PA/TOUR/2017) ADMINISTRATIVE OFFICER

OFFICE ORDER BOOK:

Copy to:-

I. PS to Chief Secretary (IT), A&N Administration for kind information of Chief

2. Dr. Utpal Sharma, Principal, DBRAIT for information and necessary action.

3. Dr. V. Alagu Sundaram, Lecturer (SC) (Maths), DBRAIT for information and

4 The OSD (II), Dr. BRAIT campus for information and necessary action. necessary action.

6. The Assistant Accounts Officer, Dr. B.R. Ambedkar Institute of Technology, Port 5. The Pay & Accounts Officer, Pay & Accounts Office, Port Blair.

8 Concerned file. 7. Personal file of parties concerned.



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ANDAMAN AND NICOBAR ADMINIST.

Highway SECRETARIAT

Port Blair, dated 19th November, 2007.

OKDER NO. 4405

rug.

The Chief Secretary, Andaman and Micobar Administration has been pleased to a facto sanction to the placement of Shri Utpal Sharma, Principal, Dr. B.R. Covernment Polytechnic, Port Blair on duty-cum-tour to attend the Hundred Americal Training, Eastern Region, Kolkara under the Conference Room of the Dort Practical Training, Eastern Region, Kolkara under the Chairmanahip of Shring of the Board Practical Training in the Conference Room of the particular and the Chairmanahip of Shring of the Board Practical Training of the Hundred Marketipee, Chairman, BOPT (ER), which was held on 17th Movember, 2007 at

Certified that he proceeded to Kolkata (mainland) from Port Blair on 17.11,2007 by air / sea as per his entitled class of fare and returned on 18.11,007 to chamediately following termination of the above meeting. TA/DA shall be borne by

(S.P. Das). Assistant Secretary (Edn.) (II-74) VI. vs-D-9e-De. V. H. DER BOOK:

-:01

The Principal, Dr. B.R. Ambedkar Government Polytechnic, Port Blair, with reference to his U.O. Note No. 1-1/BOPT/Poly/2007/2246 dated 2.11.2007

The Commissioner-cum-Secretary (Power), Andaman and Micobar Administration, Port Blair,

Shri Manohar Singh, "Link Officer", Superintending Engineer, Electricity
Department, under Andaman and Micobat Administration, Port Blair,
Shri Livest Shri Livest

Shri Utpal Sharma, Principal (Dr. B.R. Ambedkar Government Polytechnic, Port-Blair).

The Project Director, State Project Implementation Unit, Port Blair, for information.

The Senior Pay & Accounts Officer, Pay & Accounts Office, Port Blair.

The Senior Pay & Accounts Officer, Pay & Accounts Office, Port Blair.

The Senior Accounts Officer, Andaman and Vicober Administration, Port Blair.

Assistant Secretary (Edn.)

#### DE B E VAREDKAR GOVT POLYTECHUIC OFFICE OF THE PRINCIPAL ANDAMAN AND NICOBAR ADMINISTRATION

#### NOLE

Sub. Tour approval for attending Board of Practical Training Meeting at

Calcutta

17th 154-16

The Board of Practical Training is under Ministry of Human Resources Development engaged in arranging Apprentice Training Programme for Degree and

The undersigned is a member of the Board of Practical Training Board as an AICTE nominee. The 76th Meeting of the BOPT is scheduled to be field on 17.2.99 at 11.00 AM. Since I am a member of the above Board, I need to attend the meeting. I shall proceed to Calcutta by IA flight on 16.2.99 and shall return back on 18.2.99. Meccessary approval may please be given to attend the above meeting. Necessary TA & Decessary and Stall be paid by the BOPT.

During my absence, Mr Mohd Mansoor, Workshop Superintendent / HOD

PRINCIPAL

(Mech) shall look after the current duties of Principal.

Submitted lear appropriate pl

Secy(Edn) U.O. No.12-150/Poly/96/2833 dated 11.2.99

# Dr. B R Ambedkar Institute of Technology E-Governance Initiative ANNUAL REPORT

#### I. INTRODUCTION

The process transformation and e-governance in technical institutes is one of the important components for improving the efficiency. This also improves the student's satisfaction index apart from making them more IT savvy. This paper deals with the case study showing how e-Governance initiative with in-house capacity has transformed the institute process without incurring any expenditure. Manage the selection and implementation of an appropriate system(s) .It also attains process improvements and efficiency in the end to end operations of a Student Information System. Provide an easy interface and seamlessly integrate with other key systems that are involved in the education value chain, thus enabling the other stakeholders to reap the benefits of new system.

Higher education in general and technical education in particular continues to expand in response to changing student's demand to meet the needs of diversity of markets. It is a widely accepted fact that technical education is a driver for our country's emergence as a key force in global economy. In other words, improvement in the process and governance of technical institutes will have direct bearing on the quality of the student rolled out, thereby giving impetuous to the market, which is likely to absorb them. It is well accepted fact that administrators of most of the technical institute spend maximum time in attending routine matters apart from concentrating on expansion of academic activities of the institute. Considerably less time is spent on structured process mapping, identification of redundant & critical processes, process re-engineering followed by process transformation.

#### II. PROJECTS UNDER TAKEN FOR THE SESSION 2016-2017

#### 1. Common Admission Portal for Colleges of A & N Islands (CCAP)

#### a. Brief Overview

In Andaman & Nicobar Islands, 6 colleges are administered by the UT Administration spread across two districts namely South Andaman and North & Middle Andaman. They are

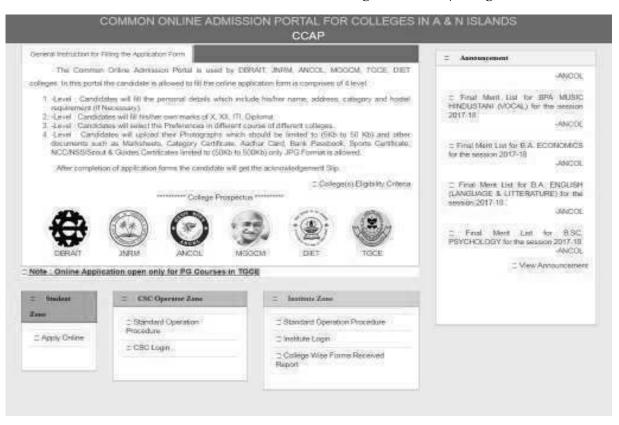
- Andaman College (ANCOL)
- Dr. B. R. Ambedkar Institute of Technology (DBRAIT)
- District Institute of Education & Training (DIET)
- Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM)
- Mahatma Gandhi Govt. College, Mayabunder (MGGCM)
- Tagore Govt. College of Education (TGCE)

Till last academic year, the applicants were required to apply to the individual colleges. This has resulted in forced / unwanted expenditure and loss of time to the applicant and to their Parents / Guardians. In the case of N&M Andaman &Car Nicobar District applicants, they were forced to travel to Port Blair to apply for the colleges situated here, which has resulted in loss of time and livelihood for the parents / guardians of the applicants and also additional expenditure. In order to overcome all the mentioned challenges, it was decided by the UT Administration to opt for a single window Admission system. The admission to all the colleges under the UT Administration shall be only done through the proposed single window system. Thus the admission for the academic year 2017-2018 has been fully administered through the new system. The Portal has facilitated the digital application replacing the otherwise vast manual paperwork system adopted in admission process. This has resulted in elimination of redundant activity, process simplification in terms of data flow, analysis, transparency and thus creating a paperless environment, which has indirectly benefited the environment.

#### b. Benefits of the solution implemented.

- i. Introduction of a common database of student for easy & swift tracking of performance and taking corrective actions
- ii. Reduces financial burden of student
- iii. Candidate upload their relevant document, opt College with Course wise preference
- iv. Redundancy avoided through duplication check during application form

- scrutiny by respective colleges
- v. Single Acknowledgement Slip/Receipt for their confirmation as candidature for each colleges
- vi. Introduction of SMS gateway through CDAC for instant delivery of message to the candidate/parents regarding admission.
- vii. Due to this solution around 50 trees will be saved from cutting every year which otherwise would have been required to generate 1000 Ream of paper for printing brochure and admission form.
- viii. Around 3700 students applied through the portal to different colleges resulting in around 10000 applications.
  - ix. The students of urban area on an average save around Rs. 300/- while the rural area students saves Rs. 2000/- per student by using the portal.
  - x. The portal also helps us to find out the trend of demand of seats thereby helping the policy makers to take appropriate decision with regard to future course of action for obtaining new courses/colleges.

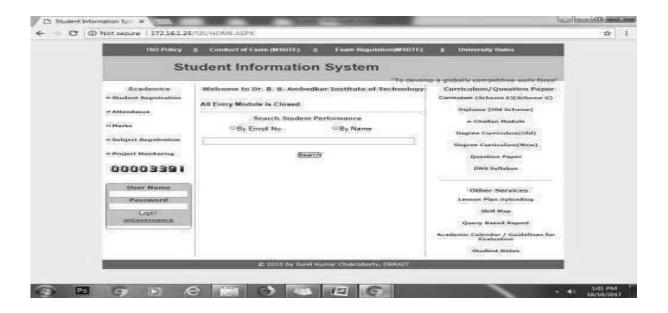


#### 2. Student Information System.

#### a. Brief Overview

A student information system (SIS is a management information system for education establishments to manage student data. Student information systems provide capabilities for registering students in courses, documenting grading, transcripts, results of student tests and other assessment scores, building student schedules, tracking student attendance, and managing many other student-related data needs in a college. Some of the feature are:-

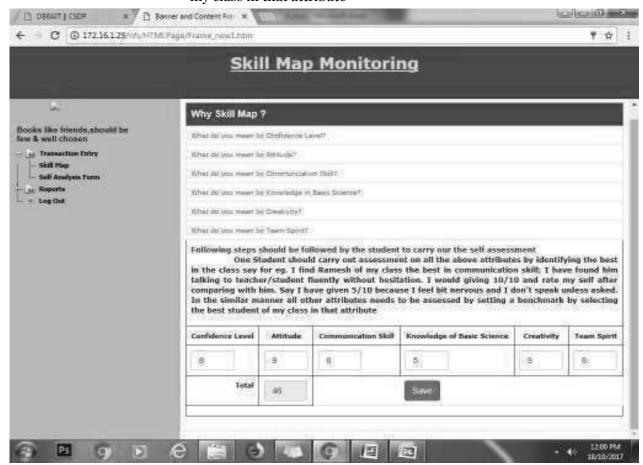
- i. Simplified procedure of students admission to the Institute, academic activities related to students admission including collection of fees, dissemination of semester wise marks statement (both internal & external)
- ii. Performance monitoring of students
- iii. Subject Wise
- iv. Teacher Wise
- v. Performance monitoring of Teachers
- vi. Subject Wise
- vii. Teacher Wise
- viii. Databank of Old Question Paper for reference to Students
  - ix. SMS Alerts to parents for absentee / defaulter / Academic Performance
  - x. Smart Card based self assessment by students



#### b. New Module added in SIS

#### i. Skill Map

1. In This there are six attributes namely confidence level, attitude, Communication skills, knowledge in basic science, creativity and team spirit. The Student should carry out assessment on all the above attributes by identifying the best in the class say for eg. I find Ramesh of my class the best in communication skill; I have found him talking to teacher/student fluently without hesitation. I would giving 10/10 and rate my self after comparing with him. Say I have given 5/10 because I feel bit nervous and I don't speak unless asked. In the similar manner all other attributes needs to be assessed by setting a benchmark by selecting the best student of my class in that attribute



ii. Self Analysis form

 In the first year of admission the student has to fill the self analysis form. And this data will be captured again when the student get passed out. Based on this a comparison report will be generated.

#### iii. Comprehensive Skill Development Programme

The evaluation and assessment of students is done based on Group discussions/Seminar/Information which also includes CO-LO,CO-PO,PO-PEO AND PEO-M Mapping. The can also give Random online test in the software. The software will generate the following report

#### 1. Benefits

- a. Student Attainment
- b. Mapping attainment
- c. Student Performance



#### III. FUTURE PLAN

- 1. Web based complete solution for Library management system
- 2. Inclusion of two more college (Industrial Training Institute and Nursing) in Common college Admission portal (CCAP).
- 3. Inclusion of all leave module in Biometric attendance System
- 4. Web Hosting of SIS. The parents can also login and view the performance of students



## F.No: PMB/MSO/8575/488 पत्तन प्रबंध बोर्ड PORT MANAGEMENT BOARD अंडमान तथा निकोबार द्वीपसमूह ANDAMAN AND NICOBAR ISLANDS

Port Blair dated

02 Feb, 2016

Training and Placement Officer, DR. B.R. Ambedkar Institute of Technology, Pahargaon Port Blair

Sub: -Industrial Visit of Student-reg

\*Argot den at Disposal es With reference to your letter No. 1-60 DBRAIT TPO 13 170 dated 19.01.2016 on the above cited subject and to inform that as desired permission is granted to the students to visit Port Control Sir. Tower Chatham at New Vehicle Ferry Jetty (VHF Station) and Port Communication Centre Atlanta (HF Station) on 05.03.2016.

# Name of the official, Contact Number and time of Visit as under

Name of	Contact	Place of Visit	
Name	Number	The state of the s	1130 to 1300 h
Shri P.M Suresh	03192-233674	Chatham	0900 to 1100 h
(Supervisor Signal) Shri Tulsi Das	03192-233683	Port Communication Centre Atlanta	M. C. M. C. T. T.

Yours faithfully

Harbour Mast

## Minutes of the 39th Management & 11th Environmental Review Meeting held in the Mini Conference Room on 9th May 2016

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
1.		Academic / Departmental Issues:				
a.	Departmental Objectives:	While framing the new Departmental Objectives a status note on achievement of earlier department objectives need to be submitted to MR.      The concerned head of department/ Section in-charge shall submit the status report on all the points stated in the department objectives. MR shall submit the status report of institute objective in the MR meeting.      Framing of objectives for the department/sections should be made collectively considering everyone's view		HODs/Concerned Section In-charges	30 <sup>th</sup> July, 2016	
b.	Result Analysis:	No faculty member shall indicate expected result less than 60% without proper justification enumerating the effort taken by faculty member in terms of extra/remedial classes and additional class test, discussion wit	HOD concerned shall ensure that the direction is complied.			

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
		the parents.  • If the result obtained is widely different from the expected result (say a difference more than 15%) then same should be analyzed and report to be submitted to MR.	The HOD Concerned may collate the report from the faculty member and submit.		30 <sup>th</sup> July, 2016	
C.	Project Monitoring:	<ul> <li>Time frame for the project approval is to be followed religiously and the concerned HOD and project coordinator shall be held responsible for the delay in the approvals.</li> <li>Project evaluation dates shall be followed as indicated in Academic Calendar</li> </ul>	Dean Academic to keep a track on the schedule after incorporating in the Academic calendar	Dean (AC)	3/7/16	
d:	Terminal Tests:	<ul> <li>Both T1 &amp; T2 should be attempted by the students</li> <li>T2 shall be made compulsory.</li> <li>Students failing to write T2 without justified reason shall not be allowed to attend the Board exam.</li> <li>The students to be given at least two-three days off before T2 for preparation.</li> <li>If the student doesn't get pass marks in T2 then they may given option to reappear for retest</li> </ul>	MR shall incorporate the necessary changes in the QAP.	HOD assisted by the class advisers	3/7/16 15/7/16	

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
e:	Defaulters:	<ul> <li>Overall no. of defaulters have reduced being an even semester but it need to be checked for the odd semester (1<sup>st</sup> sem particularly)</li> <li>The same to be compared semester wise for previous years for better analysis and corrective action planning</li> </ul>	Class Adviser (to be monitored by HOD)	Dean Academic	To be ensured from ensuing Academic Session	
f:	Monitoring of FGA, TFJ, KST, DP, PP and AV classes	The review for these classes will be incorporated in Academic Calendar for better monitoring and effectiveness.  FGA In-charge may call the students for periodic review and students shall be asked to deliver the planned activities. The sampling of students shall be done randomly for checking the effectiveness. Aptitude test and Mock Interview shall be made a component of FGA Group activities need to be monitored by HODs  For PE and DP action plan shall be made by respective Incharges for better effectiveness.	Respective incharge to carry out frequent monitoring and review meeting if required	Dean Academic for incorporating in the Academic Calendar Respective incharge for monitoring		

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
		<ul> <li>FGA / PP should be taken in first year by Regular faculty members</li> </ul>				
g:	SoCh Activity:	<ul> <li>Self generated interest need to be demonstrated by the Event Managers.</li> <li>A presentation shall be planned by the older batch of students to handover the activities to the new batch and Event manger shall co-ordinate the same</li> </ul>		Event Manager     Student     Council to     monitor	2/7/16	
h:	Feedback:	Students Feedback: A method to be devised to know about the number of students who have not submitted the e feedback     Parents feedback shall be taken during parent's meet.	The software to be modified so that an SMS alert/report is generated which will be used by academic member to undertake registration to subsequent semester	Yunus to modify the software. HOD to monitor the effectiveness	30/07/2016	
2.		Institute Up-gradation	3ubsequent semester			
a:	NBA Accreditation of Diploma courses	ECE & DCE shall be ready with supporting documents     Civil/Electrical/Mech shall		HOD(ECE, DCE) HOD(Civil/ Elect/	10/7/16	
		submit the online entries at the earliest and start keep the documents ready for NBA Audit		Mech)	1/8/16	
b:	NAAC:	NAAC Coordinator to give target date		HOD(Elect)	10/7/16	

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
3.	Correc	ctive Preventive Action				
a:	Nonconformity raised in ISO 14000 External Audit in March'2015	All NCRs raised in Quality & Environmental Audits needs		Concerned section	2/7/45	
b:	Non conformity raised in ISO 9000 Internal Audit carried in Nov'2015	to be closed before the surveillance audit on 7th & 8th July		incharge/ Auditor	2/7/16	
c:	FGA not conducted in some department in I year Diploma	FGA should be included in all first years		HODs	To be ensured from ensuing Academic Session	
4	Internal quality prob	lems				
a:	Additional responsibility to be given in rotation	<ul> <li>Additional responsibility shall be given based on the capability to perform and deliver.</li> </ul>				
b:	SIS related issues	SIS is by and large stable, in case of any problem faced by individuals may be taken up with the computer department.		The concerned officer	As and when	
c:	Internet connectivity	To apply for 2mbps dedicated				
d:	Changes required in the QAP	To be review collectively	Concerned HOD, Section Incharge will prepare inputs	Concerned HOD/ Section Incharge, MR to coordinate	31/08/2016	
5	Changes that could a	ffect				
a:	To have one FR meeting in a semester	To continue the present practice of having two FR meeting in a semester				

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks	
6	Resource and infrastru	Resource and infrastructure					
a:	Appointment of	To expedite the appointment			1 month		
	contract Lecturer	through SOVTECH					

#### Minutes of Meeting of 40th Management Representative Meeting held in the Mini Conference Room on 23th Mar 2017

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
I	Institute Objective					
1.	Academic	Dropouts for the subsequent semesters should be included	To be monitored from ensuing Semester	All HODs	From Ensuing Semester	* Critical
2.	Infrastructure	Make all the necessary arrangements in shifting to new academic block before proceeding on vacation	Concerned HODs and CO to provide necessary support and issue allotment notice	Concerned Faculties	15/05/2017	
3.	NBA	One Computer may be given to Mrs. R.K after receiving from Mr. Shankar Rao from Community College for proceeding NBA work.	Mr. Shankar Rao to return back Computers from Community College	Mr. Shankar Rao / HOD(Civil)	20/04/2017	
4.	ISO	The new documentation to be taken up after IMs training for integrating ISO-9000 & 14000.  While integrating the documents, necessary changes in QAP/ EMP to be carried out keeping in view about critical to quality (CTQ) parameter.	All Concerned are requested to identify CTQ corresponding to their section & submit the same.	All HODs/ Section Incharges	20/04/2017	
5.	SOCH	<ul> <li>The presentation of SoCH activities to be presented after 4<sup>th</sup> April, 2017.</li> <li>Along with that presentation, Unnat Bharat activity presentation to be done.</li> </ul>	All the concerned Coordinators to prepare Report and PPTs of SoCh activities.	All SoCH Incharges	05/04/2017	
6.	Incubation Centre	<ul> <li>The infrastructure development is under process.</li> <li>Requisition of furnitures already placed.</li> <li>MoU's with MSME is already signed.</li> <li>Wifi &amp; LAN to be made available, parties to use their own laptop.</li> </ul>	The Coordinator to monitor	Shri Arun Shrivastava	15/05/2017	
7.	Biogas	Biogas plant construction to be	CO to follow up the	СО	20/05/2017	

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
1,00		completed by June 2017.	work.			
I				I		
1.	Departmental Objective	All Departments should upload their departmental objective status in SIS after obtaining endorsements from the Principal.	All HODs/ Section Incharges to submit the status of last year Objective	HODs/ Concerned Section Incharges	20/04/2017	
2.	To continue Student feedback through e – feedback module	Motivate and advice the students to enter their feedback through e-feedback module.	<ul> <li>Admit card to be issued only after students fill e- feedback</li> <li>Software should have provision for the same</li> </ul>	Concerned HODs/ Academic members Mr. Sunil Chakravarthy	20/04/2017	
II	ACADEMIC					
1.	Course File	Maritime Program doesn't follow Course File systems.	Maritime courses also to follow Course File systems for their	Coordinator Maritime	15/05/2017	
		Course Attainment for present semester	subjects.  • Attainment of Course outcome for current	Concerned Faculty members/ HODs	30/04/2017	
		• Course file for next semester.	semester to be prepared by concerned Faculty members.  • Course file for next	Concerned Faculty members/ HODs	15/05/2017	
			semester to be	HODS		
			prepared before proceeding on			

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
			Vacation.			
2.	Comparison of Expected Winter'16 results with the actual result	• The Department (ECE, CSE, IT, Maritime) did not submit.	These     Departments to     submit the same in     one Week.	Concerned HODs	20/04/2017	
3.	Project Monitoring	<ul> <li>Project Reviews are not taken seriously by the students and their Guides</li> <li>HOD &amp; Guides should ensure that the P1 &amp; P2 takes place in time.</li> </ul>	Guide should come with notepad during project presentations Guides must motivate their students to carry their project work as per time frame. Students & Guide to select their topic before one semester for the smooth conduct of their project work.	HODs/ Concerned Guides	With immediate Effect	
4.	Terminal test	Internal Exam question papers as per new format	Maintain the weightage of marks along with the new format of question paper	HODs/ Concerned Lecturers	With immediate Effect	
5.	Defaulter List	• The no. of defaulters has come down significantly	Departments to monitor on a continuous basis.	HODs/ Concerned Faculty Advisors		

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
6.	TFJ,KST,DP,PP and AV classes	<ul> <li>Experts to take class of TFJ &amp; K &amp; ST.</li> <li>Concerned Department to identify the experts.</li> </ul>	HODs/ Concerned Section Incharges to identify the Experts	HODs/ Concerned Incharges	15/05/2017	
7.		SoCh Activities to go as per schedule	SoCh coordinators to ensure the activities to go as per schedule	SoCh coordinators		
III	INSTITUTE UPGRADATION					
1.	NBA Accreditation of three Diploma courses in I phase	• Dates to be finalised to invite NBA Committee.	The HOD concerned should give dates to invite NBA committee	HOD (Elect/Civil/ Mech)	1/05/17	* Critical
	Applying for NAAC	• To be uploaded by 20 <sup>th</sup> April, 2017		HOD (Elect)		
<b>IV</b>	CORRECTIVE PREVE	NTIVE ACTION				
1	Students feedback: A method to be devised to know about the number of students who have not submitted the e feedback.  Parents feedback shall be taken during parent's meet.	<ul> <li>Hall tickets to be issued to students only if they fill e-Feedback</li> <li>Mr Sunil to come with a feedback gist making software.</li> <li>Computers taken for Community College to be returned back as there is shortage of computers in Departments.</li> </ul>	The concerned HOD to ensure that students filling the efeedback in time To return back to concerned Departments	Mr. Sunil Mr. Shankar Rao	07/04/2017	* Critical
V	INTERNAL QUALITY PROBLEMS NOTICED DURING SERVICE	<ul> <li>Classrooms are dirty.</li> <li>Faculty to motivate students to keep their classroom clean.</li> <li>CO to take care of timely cleaning of classrooms.</li> </ul>	Faculty members to monitor cleanliness and to motivate students to keep their classroom clean whenever they go to class	CO & all Faculty members		* Critical

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remark
VI	RESOURCE AND INFRASTRUCTURE REQUIREMENT	Staffs to follow regular process of annual purchase requirement     Purchase requisition to be mapped with experiments and exercises conducted in the respective laboratory	The HOD Concerned may collate the mapping report from concerned lab incharges and submit	HODs/ Concerned Lab Incharges		* Critica
VII	ANY OTHER AGENDA (INPUTS FROM NEW APS)					
1.	Additional Charges given: Separate Orders required	<ul> <li>Documents to be simplified</li> <li>Experience Certificate can be given at any time</li> <li>Identify those work for which orders are to be given.</li> </ul>	The Concerned Faculty to furnish details about which order to be made official.			
2	Dress code for students	<ul> <li>Not to discuss about dress code, it is an Administration decision.</li> </ul>				
3	Core engineering and Analytical subjects to be handled by senior faculty	Accepted		HODs Concerned		* Critica
4	Strictly Adhere time for Project Evaluation  50% Evaluation weightage for dept level evaluation + 50% for external Evaluation	<ul> <li>No. of reschedules to be minimized, students and guides to ensure the work is done in time</li> <li>Identify the experts and then project evaluation may be given to them.</li> </ul>	Department identify subject experts.	Project Coordinator/ HODs Concerned		* Critica
5	Teaching Load Calculation	Matter pending with A & N Andaman administration for decision.	Decision already communicated by A&N Admn			
6	Seating Cabin space for faculty	<ul> <li>Sufficient seating space is already available</li> <li>Networking and linking of printers to all computers of dept may be done.</li> </ul>		HODs Concerned		

S. No.	Activity	Decision Taken	Action to be taken	Resp	Target Date	Remarks
7	Showing Personal file & Service book to faculty	<ul> <li>Service can be seen once a year as per rules.</li> <li>The matter regarding showing Personal file taken up with A &amp; N Administration.</li> </ul>		AO		
8	Summer & Winter vacation in 1 <sup>st</sup> year of service	It is service matter, may take it up with Administration.				
9	Separate Toilets for Staff	Clean toilets to be provided	To ensure     Cleanliness of     all toilets	со		
10	Unnecessary signing of registers	<ul> <li>Part of monitoring as per ISO quality system</li> </ul>	To continue			
11	More no of international conferences/seminars	Faculties to take initiative	<ul> <li>Support will be given</li> </ul>	All Concerned		
12	Each class should have 1 LCD projector installed	Already in process to install new block and in final year diploma class rooms	Complete conversion to smart classrooms to be taken up in phased manner	HODs Concerned		
13	Proper Xerox facilities to be provided to faculties	<ul> <li>Separate facility cannot be given to individual faculty.</li> </ul>	Centralised     Xerox facility at     Library to be     made use.			
14	More co-curricular activities amongst faculties to be initiated	Any interested faculty may take it up and come out with plan	Mr M.     Vashishtha to     take lead			

Management Representative

### Core values of Dr. B. R. Ambedkar Institute of Technology

- > Transparency
- > Commitment
- ➤ Gender Equality
- ➤ Personal Integrity
- > Social Responsibility
- ➤ Quest for Excellence