

# **Engineers Without Borders - India**

Annual Report 2018 - 19

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## **1. Foreword**

On behalf of EWB India, I take great pleasure in presenting the EWB India Annual Report for the year 2018-19.

I thank all the Board Members, Members of the Professional Chapters and Student Chapters, Ms Kaunain Moosavi at EWB Office, Donors and Well Wishers for giving me an opportunity to serve this great institution.

Mr. Bharat C Maharaj  
Chairman  
EWB India

## **2. Activities of EWB India**

### **A brief report on 7<sup>th</sup> EWB All India Chapters Meet**

7<sup>th</sup> EWB All India Chapters Meet was held from 18 – 19 Dec '17 at Malla Reddy College of Engineering and Technology (MRCET), Hyderabad.

11 (15) Student Chapters with 142 (170) students and 5 (8) faculty advisors, and 4 (2) Professional Chapters with 13 (16) members, from all over India, participated and shared ideas on past and future projects. The Meet commenced on 14 Dec '18 with Registrations followed by the inauguration ceremony. Ms Lubna Yameen, President, EWB Chennai Professional Chapter, presented the Welcome Address. Dr G Gopalakrishnan, Provost, and Dr L Ramesh, Dean, Dr MGR Educational & Research Institute, ChennaiKrishna, welcomed the participants on behalf of the host institution. Mr Rajeev Lal, Secretary, EWB India and Convener All India Meet, released the Professional Chapter Hand Book before Mr Bharat Maharaj, Chairman, EWB India presented the Presidential Address. Shri K Pandiarajan, Hon'ble inister for Tamil Development, Culture & Archeology, Govt of Tamilnadu, delivered the inaugural address. Shri D Gokul, former president, EWB Chennai Professional Chapter, and Shri ACS Arun Kumar, President, MGR Educational & Research Institute, also addressed.

In the second session, student and professional members from various chapters presented their projects followed by a Keynote Address by Shri APJ Sheik Dawood, Trustee, APJ Abdul Kalam International Foundation. It was an invaluable opportunity for the students of different chapters to interact with the Chairman, Directors and eminent professional members of EWB.

A special talk on A Ride to end slavery by Engineer Naresh was also held.

The EWB India AGM - 2018 was held on the same day, followed by Cultural Program and Dinner.

On 15 Dec '18, the student chapter presentations continued followed by a Panel Discussion on Role of Professional Chapters in Mentoring Student Chapters.

A one hour session on "Take Away Messabe" was organized on Role of Student Engineer to achieve Vision 2020 of Hon 'ble APJ Abdul Kalam's Dream.

### **3. News from Professional Chapters**

#### **EWB-Bengaluru Professional Chapter**

3rd Annual Day Celebrations of EWB Bengaluru Professional Chapter was held on 7th Jul '18. Padmashri Dr SK Shivakumar, Chairman, Karnataka Science & Technology Academy and Former Director, ISRO Satellite Centre, Bangalore, Dr Wooday P Krishna, National President, Indian Institute of Production Engineers, Professional Members, Faculty Advisors and student members from SaIT, KLU, TPGIT, BMSCE and other special invitees attended the event. Mr Manjunath, President, EWB Bengaluru Professional Chapter addressed briefly about EWB and its evolution through the years. Souvenir 2017-18 of EWB Bengaluru Professional Chapter was also released by the dignitaries in hard and soft forms.

#### **Best Student Chapter Awards - 2018**

EWB-TPGIT bagged the Best Student Chapter-2018 Award at the 3rd Annual Day Celebrations of EWB B. EWB-TPGIT had presented Eco Lavatory Project at this event. EWBKLU & EWB-SaIT had bagged the Second Best and Third Best Student Chapter-2018 Awards respectively.

#### **EVENTS**

##### **Career Counseling for Class 10 Students**

The EWB Bengaluru Professional Chapter and EWB DSU Student Chapter organized a Counseling Session for Class 10 students on 4 Sep '18 at Saraswathi Vidya Mandir, Anekal, to help the students in selecting their career path. 115 students studying attended and got benefitted.

##### **Sharing of Joy – Wish Tree**

EWB KARE Student Chapter organised 'Wish Tree' Event on 15 Oct '18 for the Government School Students, Krishnankoil. In this event, the precious things requested by the students were gifted to all the 58 students. The total expense of the event was Rs.48,000/-. The amount was donated by the KARE Students and Professors for sharing their joy with underprivileged students. The items gifted were dresses, toys, sports – wears, sports kit, medical kit, learning materials, etc.

### Blood Donation Camp

Blood donation camp was conducted at DSU campus, Bangalore on 22 Sep '18 and 122 units of blood were donated. The appreciation certificate was issued to EWB-DSU Student Chapter.

### Manufacturing Considerations in Design

Dr Dinesh Singh Thakur, Controller of Examination, Defence Institute of Advanced Technology-DRDO, Pune, had delivered an Invited Talk on Manufacturing Considerations in Design. Student and professional members of EWB had attended the event on 8 Aug '18.

### Workshop on Design & Manufacturing

EWB-SREC, Kurnool organised a two day workshop on 9 and 10 Aug '18 on Design & Manufacturing using effective CAD, CAM & CAE Tools.

### Technical Workshops:

EWB-B organised an Invited Talk by Prof PM Lee of Southern Taiwan Science & Technology University on 11 Aug '18 at Bangalore. Student and Professional members of EWB-B attended the event.

### EWB India Bangalore Members Meetings:

#### Meeting at TF-5

A meeting was held on 6 Oct '18 at TF-5, DRDO, Bangalore. Dr S Sahoo, Mr Prabhakaran, Dr Koteswara Rao and Flt Lt Kishore had a fruitful discussion on way ahead and activities of EWB Bangalore Chapter. They discussed to project the EWB Bangalore Chapte. They propose to link all the activities of EWB Bangalore Chapter to EWB India website. Also all student chapter coordinators will update the activities done so far and also furnish further plan.

#### Meeting at TTC

A meeting with EWB Professional and student members was held on 12 Mar '19 on at the Targeted Training Centre (TTC), DRDO, Bangalore to discuss the future projects to be undertaken by EWB-B. Dr.S Sahoo, Shri N. Prabhakaran, Scientist-'G', Flt Lt. Kishore and student members attended the meeting. Mr. Sanjay Gadhalay has graced the meeting as a special invitee.

Chapters News letter

EWB Bengaluru became the first EWB Professional Chapter in India to launch its own monthly newsletter. Titled 'Society's Selfie', the Newsletter is jointly edited by EWB-DSU. The Aug'18 issue was released by Dr Ashok Agarwal on 11 Aug '18. Two newsletters had been published since then.

EWB-Bangalore ,a partner of ITC 2018.

EWB-B was one of the official partners of India Technology Congress-2018 held in Bengaluru. The mega event was inaugurated by Chief Minister of Karnataka Shri HD Kumaraswamy on 5 Sep '18 at NIMHANS Convention Centre. Dr Dillibabu was invited as a member of a panel discussion on student satellite session of ITC-2018.

EWB-B has collaboration with Indian Technology Congress Association to leverage the technical expertise of ITCA for the societal projects of EWB - B professional chapter and student members.

## EWB – India Hyderabad Professional Chapter

Details of the projects executed by Engineers without Borders (EWB), India during April 2018 to March 2019

### Project - eLearning Centers (Digital Class Rooms):

We EWB India provide eLearning Centers i.e. Digital Class Rooms in Government schools located in Telangana, Andhra Pradesh & Karnataka.

We have completed 22 eLearning centers starting from April 2018 to March 2019 which will be cumulative to count of 83 eLearning centers. Average cost incurred to establish each eLearning is **INR 2,75,000/-**.

EWB India has been establishing eLearning centers in collaboration with EWB Student Chapters established in Engineering colleges and EWB Professional Chapters established in different cities in India.

#### **Below is the list of items we provide:**

1. Computer 4GB RAM - Lenovo/DELL
2. Projector (LED) - LG/CASIO
3. Broadband (Internet) subscription - One year
4. eLearning course material – as prescribed by Government education department
5. Training to teachers - how to use computer, eLearning center & course material
6. Power backup (Inverter) – to conduct the classes without power interruptions
7. Projector screen & Sound System
8. Benches, Computer Table & Chair
9. White Board with Markers & Dusters
10. Painting of the room
11. Electrical fittings (Lights & Fans)
12. Curtains for Door & Window
13. Wall Clock

eLearning Centre Register (Class utilization log for verification by EWB)

Location	Completed
Bengaluru	19
Hyderabad	56
Vizag	8
<b>Total</b>	<b>83</b>



S. No.	eL-#	School Name	City
1	eL-62	ZPHS Darga Hussain Shawali, Raidurg, Sherlingampally (M.) Rangareddy (Dist.) Hyderabad 500014	Hyderabad
2	eL-63	ZPHS Kukatpally, Kukatpally (Village & Mandal) Medchal (Dist.) Hyderabad 500072	Hyderabad
3	eL-64	ZPHS Hydernagar, Kukatpally (M), Medchal (D), Telangana	Hyderabad
4	eL-65	ZPHS Nizampet, Bachupally (M), Medchal (D), Telangana	Hyderabad
5	eL-66	ZPHS Pragathi Nagar, Bachupally	Hyderabad
6	eL-67	ZPHS Bachupally, Bachupally (M), Medchal (D), Telangana 500072	Hyderabad
7	eL-68	ZPHS Bahadurpally	Hyderabad
8	eL-69	ZPHS Bowrampet, Dundigal, Gandimaisamma (M) Medchal (D), Telangana 500043	Hyderabad
9	eL-70	ZPHS Dhoolapally, Gandimaisamma (M) Medchal (D), Telangana 500100	Hyderabad
10	eL-71	Mandal Parishad Upper Primary School (MPUP), Madinaguda, Serilingampally (M), Rangareddy (D), Telangana 500049	Hyderabad
11	eL-72	ZPHS Lingampally, Serilingampally (M), Rangareddy (D), Telangana	Hyderabad
12	eL-73	ZPHS Viyyampeta, Kothavalasa (M), Vizianagaram, Andhrapradesh	Vizag
13	eL-74	ZPHS Sompuram, Vepada (M), Vizianagaram, Andhra Pradesh	Vizag
14	eL-75	Government Junior Technical School, Near Hosur Depot, Hubballi 580021	Hubballi
15	eL-76	Helping Hands Vocational and Training Center Door no.4-10-164/1, M.M. Pahadi, Qayam Nagar, Hyderabad-500064	Hyderabad
16	eL-77	ZPHS Gajularamaram, Quthbullapur, Medchal (D), Telangana 500055	Hyderabad
17	eL-78	ZPHS Gandhi Nagar, Quthbullapur, Medchal (D), Telangana 500054	Hyderabad
18	eL-79	ZPHS Gurumurthy Nagar, Quthbullapur, Medchal (D), Telangana 500037	Hyderabad
19	eL-80	ZPHS Nehru Nagar, Quthbullapur, Medchal (D), Telangana 500055	Hyderabad
20	eL-81	ZPHS Shapur Nagar, Quthbullapur, Medchal (D), Telangana 500055	Hyderabad
21	eL-82	ZPHS Suraram Colony, Quthbullapur, Medchal (D), Telangana 500055	Hyderabad
22	eL-83	ZPHS Suraram Village, Quthbullapur, Medchal (D), Telangana 500055	Hyderabad

**Project:**

**Address:**A.P.T.W.R School of Excellence (Girls), Marikavalasa ,Visakhapatnam – 530016, Andhra Pradesh, India

Tribal Girls school in Vizag has strength of 330 students studying classes from VIII to XII. We EWB India had setup an eLearning Centre, supplied 350 Mattress along Pillows, 40kg Rice Cooker and Idly maker.

**Project:**

**Address:**A.P.T.W.R School (Boys), Marikavalasa Village, Madhurawada, Visakhapatnam –530048, Andhra Pradesh, India

Tribal Boys school in Vizag has strength of 441 students studying classes from V to X. We EWB India had setup an eLearning Centre and RO Plant with a capacity 50 Litres/hour capacity

**Project:**

**e-Ankuram (Learning through Digitalization):**

As part of e-Ankuram; we EWB India have organized several events (Painting, Quiz, Essay Writing, Debate & Elocution) for students from 19 Government schools in January 2019 where EWB India has provided eLearning centers. This competition has been conducted to encourage learning, communication & presentation skills among the government school students in coordination with Student Chapter. Close to 1,000 students have participated Painting, Quiz, Essay Writing, Debate & Elocution. Theme of the event was on celebrating 150 years birth anniversary of Mahatma Gandhi & Kasturba Gandhi.

S. No	Competition	Prize Won	eL#	School Name	Class	Name of the Student(s)
1	Dabte	Winner	eL-29	Zilla Parishad High School, Mailardevpally, Rajendranagar	VIII	AJeevan
					VIII	G Manjula
					IX	K Naveen Kumar
					IX	P Sravani
		Runner	eL-30	Zilla Parishad High School, Padmashalipuram, Rajendranagar	IX	Janshi
					IX	Divya
					IX	Ramya
					IX	Shiva
2	Elocution	Winner	eL-31	Zilla Parishad High School, Narsingi, Rajendranagar	IX	G Anitha
		Runner	eL-29	Zilla Parishad High School, Mailardevpally, Rajendranagar	IX	S ravi Prakash
3	Essay writing	Winner	eL-15	Govemnt Upper Primary School Gowidoddy	VIII	E Ravali
		Runner	eL-19	Kasturba Gandhi Balika Vidyalyaya (KGBV) Kismatpur (v) Darga Khalizkhan, Rajendranagar	IX	J Arthi
4	Painting	Winner	eL-62	ZPHS Kukatpally, Kukatpally	VII	M Nandini
		Runner	eL-32	Zilla Parishad High School, Budvel, Rajendranagar	VII	VSajna
5	Quiz	Winner	eL-19	Kasturba Gandhi Balika Vidyalyaya (KGBV) Kismatpur (v) Darga Khalizkhan, Rajendranagar	IX	VSwapnika
					VIII	C Bhavani
					VII	L Nandini
					VI	G Arthi
		Runner	eL-37	Mandal Parishad Upper Primary School, Kokapet, Gandipet	IX	Rajeshwari
					VIII	Sirisha
					VII	Durga
					VI	Mahesh

**2019 Project - KGBV:**

**Address:** Kasturba Gandhi BalikaVidyalaya (KGBV), Kismatpur (v) DargaKhalizkhan, Rajendranagar, Hyderabad, Telangana, India

- 1) KGBV is a girls residential schools with 220 students starting from classes VI to X.
- 2) Students use the class room for day class and during evening they are using the same class room as dormitory.
- 3) EWB India has taken up an initiative to provide good living environment for the girl students at KGBV by a) constructing 2,600 square foot Dormitory, b) 10kW solar power plant with provision to offset power generated to grid, c) 110 bunker beds (2 Tier) d) 220 cotton beds along with pillows.
- 4) Total estimated project cost is INR 50,00,000/-
- 5) Foundation stone for construction of Dormitory was laid on January 2019

**List of Donors:**

- 1) Pratt & Whitney (P&W), a United Technologies Corporation (UTC)
- 2) Agilis
- 3) Belcan
- 4) CyientLimited
- 5) Genpact
- 6) QUeST
- 7) RGBSI
- 8) Individual Donors –  
Mrs. Jeanne LeaveyKmetz, Mrs. Vasudha M. Patel, Mr. Mahesh Patel, Mr. Thomas Edwards and Mr. Ralph Noyes

## EWB Mumbai Professional Chapter

- Inauguration and handover of sanitation project at K.U.K. Memorial English Medium School, Murbad, Dist – Thane Dated – Jun 10, 2018
- Inauguration and handover of sanitation project at Talegaon Vibhag High School, Talegaon, Shahapur, Dist – Thane Dated – Jun 10, 2018
- Inauguration and handover of sanitation project at Om Sai English Medium School, Murbad, Dist – Thane Dated – Jul 28, 2018
- Inauguration and handover of sanitation project at Matrubhoomi Vidyalay Rahatoli, Murbad, Dist – Thane Dated – Jul 28, 2018
- Inauguration and handover of sanitation project at Vadavli ZP School, Murbad, Dist – Thane Dated – Jul 28, 2018
- Inauguration and handover of sanitation project at Mahila Mandal High School, Shahapur Dated Aug 11 2018
- EWB Awareness Program at Mahila Mandal High School, Shahapur Dated Aug 11 2018
- Input to fluoride removal assessment and site visit at Fluoride Removal System, Patdi Village, Dhar District, Madhya Pradesh Dated Aug 18, 2018
- Chapter Annual General Meeting at B&V Mumbai office Dated January 18, 2019
- Inauguration and handover of sanitation project at Anudanit Prathamik (Residential) Ashram School, Talasari, Palghar Dated – Jan 19, 2019
- New Student Chapter Inauguration at Sandip Institute of Technology & Research Center, Nashik Dated – Feb 23, 2019
- Inauguration and handover of Sanitary Napkin Vending Machine at DVVP Collage of Engineering Girls Hostel, Ahmednagar on International Women's Day Dated Mar 8, 2019
- Finalize design for construction of one classroom of size 30ft X 15ft at Sakadbav (Shahapur), Maharashtra with EWB-Kuwait Dated Mar 31, 2019.

## 4. Inauguration of New Student Chapters

### Inauguration of EWB-India KLS Gogte Institute of Technology Student Chapter, Belgavi

EWB-India KLS Gogte Institute of Technology Student Chapter was inaugurated on 29 Sep '18.

Dr Shaukat Ali Mirza, Vice Chairman, EWB India, Dr AS Deshpande, Principal, KLS GIT Dr JK Kittur, Head, Mechanical Department at GIT, representatives from Quest Global, faculty coordinator Prof Yogita Potdar and student members were present.

Dr Kittur welcomed the gathering. Dr Shaukat Ali Mirza was the Chief Guest for the inauguration ceremony. He introduced the activities of the organisation and highlighted the importance of service as an individual and collective responsibility towards society. He gave inputs to the students on how they could implement various projects under the banner of EWB. A recognition certificate was presented to the college on this occasion. Students members Ms Tania and Mr Anil presented the proposed activities of the chapter for the academic year 2018-19. Dr AS Deshpande gave the presidential remarks. The programme concluded with the vote of thanks.

### Inauguration of EWB-India Dayananda Sagar University Student Chapter

EWB-India Dayananda Sagar University Student Chapter, was inaugurated on 11 Aug '18.

Inaugurated at Dayanand Sagar University in the presence of Dr Ashok Agarwal, Director-EWB India EWB-Bangalore members, Mr.N.Prabakaran, Dr.V.Dillibabu, Dr.Shubhashis, Advisor Dr.Adam Khan, Dr Shubhashisa Sahoo President EWB-India Bangalore chapter, had graced the event along with the university officials. Dr. Pushpamala, Faculty Advisor.

### Inauguration of EWB-India Dr MGR Educational Research Institute Student Chapter

EWB-India Dr MGR Educational Research Institute, was inaugurated on 16 Nov '18 in the presence of Mr Rajeev Lal, Director, EWB-India and EWB-India Chennai Professional Members

### Inauguration of EWB – India Sri Venkateshwara College of Engineering Student Chapter

EWB – India Sri Venkateshwara College of Engineering, Bengaluru, was inaugurated on 22 Feb '19.

Dr Ashok Agarwal Director EWB – India, management, faculty and student members and representatives from EWB-India Bengaluru Professional Chapter attended the function.

### Inauguration of EWB – India Sandip Institute of Technology & Research Center Student Chapter

EWB – India Sandip Institute of Technology & Research Center Student Chapter was inaugurated

## 5. News from Student Chapters

### **EWB – India BITS Pilani Hyderabad Chapter: SUDHAR**

EWB BITS Pilani Hyderabad Campus Chapter organised SUDHAR'18, on 28 Oct '18 an ideation competition in collaboration with Grandh Foundation BPHC during ATMOS'18.

Students from various colleges in India gathered in BPHC to share their Ideas promoting Social Entrepreneurship.

### **EWB – India IET DAVV Indore Chapter: Ujjyara**

The project Ujjyara was taken up by IET DAVV, Indore student chapter and completed in June 2018.

The project was planned at a Government school in **Pigdambari Gram Panchayat**. There are five buildings in the school , our prime focus was on "Kanyashala" the girls primary section.

The girls in the school are forced to sit in a environment without the basic amenities like electricity. There are around 150 girls between the age group of 6-11.

We have provided them we renewable sources of electricity using solar energy. This will include LED lights installation in 3 classrooms.

The various task undertaken are:

1. Fixing Solar Panel
2. Installing Inverter & Battery
3. Fitting of tube lights & wiring

The project was completed in two days and was done only by the student members of the chapter. As the project is made for non-technical people maintenance is kept under consideration.

The only requirement is to refill the battery every year.

**Team Members** - Aman Saxena,Prakhar Gupta,Ronak Agarwal, Rushik Parmar,Shatakshi Bhatnagar,Soumya Jain

## **EWB – India SaIT Student Chapter: Rain Water Harvesting**

EWB-SaIT student members along with NSS team of Sambhram Institute of Technology took an initiative of constructing a Rain Water Harvesting Plant at Doddabettahalli Government High School. It was a 5 days of work with around 20 EWB-SaIT student members and 20 NSS student members, which started on 18<sup>th</sup> March and ended on 22 Mar '18. This activity was co-ordinated by Dr C V Ravishankar, Faculty Coordinator, NSS Sambhram Institute of Technology.

## **EWB – India TPGIT Student Chapter: Soak Pit for Bio Toilet**

EWB-TPGIT student members built a soak pit for handling the outlet of Bio Toilet constructed at Govt Higher Secondary School, Thorappadi, Vellore. The soak pit was made at the cost of Rs.15,000/- in 15 days. Through the soak pit, pre-settled effluent from bio digester is discharged into underground.

## **EWB – India KCG College of Technology Student Chapter**

Activities done during the year 2018-19

- Membership – Number of student members are 122 (3<sup>rd</sup> & 4<sup>th</sup> year) with K. Silvia as President and Dr. Sumathi Poobal as Faculty Advisor for the students.
- Flood Relief Material to Kerala -- Raised fund to support the people in the flood affected region of Kerala Aug-Sep 2018.
- Beach Cleaning Drive -- Beach Cleaning Drive at Panaiyur Beach, ECR, Chennai on 9 Feb 2019.
- Garments Drive -- Garments drive for the children's of Anaikkum Karangal, Ullagaram, Chennai and handed the same on 2 March 2019.
- Kannagi Nagar Library -- Inaugurated Dr. APJ Abdul Kalam Library at J11 Kannagi Nagar Police Boys & Girls Club, Kannagi Nagar, OMR, Chennai on 26 March 2019.

## **EWB – India Chaitanya Bharathi Institute of Technology Student Chapter**

Paper Recycling: EWB CBIT student chapter collaborated with an NGO Yuvatha and has taken up the paper recycling project on 3rd May'2018. The main aim was to recycle books so as to provide books for government school children books for government school children. One should reduce the impact of paper making on environment.

SAMPURNA e-VIDYA APP: The SAMPURNA e-VIDYA APP was launched on 27 Dec'2018. The main aim was to provide children in government schools access to educational resources. EWB-CBIT members secured a 3rd prize in the 'All India Student Chapters meet' for this concept.



## **EWB – India Muffakham Jah College of Engineering & Technology**

### **Student Chapter**

#### ***School Adoption Project at Government High School:***

#### **EXECUTIVE SUMMARY**

EWB India along with EWB MJCET Student chapter and Nirmaan conducted needs assessment survey at Erramanzil High School to improve the overall quality of education at the school.

Erramanzil Zilla Parishat High School, a government of Telengana School, is located in Erraamanzil, Hyderabad, Telangana, India. The assessment identified class room roof water leak problem, replacement of bore well pump, and repairing of RO waster plant.

MJCET EWB Student chapter with support from EWB India fixed class room water problem leak, replaced bore pump and repaired RO water pantin a span of three months and the total budgeted cost was around USD 1,400. These improvements are over and above the projects undertaken in the year 2018.

Spoken English and computer education are being taught by two teachers employed by EWB India. EWB India observed that there is increase in student intake and improvement in the spoken English abilities of the students and computer education levels.

EWB India would like to thank EWB MJCET Student chapter, Nirmaan and all stakeholders for their unrelenting support in developing the school infrastructure and improving quality of education. We look forward to their continued association and support.

#### **PROJECT SNAPSHOT**

<b>Project Name</b>	Erramanzil High School Infrastructure Development Project
<b>Location</b>	Erramanzil, Khairtabad, Hyderabad, Telangana State, India
<b>Assessment Observations</b>	Class room roof leaking, non-functional bore well and RO water plant repair



<b>Project Objectives</b>	The objective of this project was to develop the infrastructure in school premises, increase the student's intake, enhance the academic performance of the students, and improve the quality of education imparted. The focus was to create a conducive atmosphere where by students voluntarily attend the school and enjoy the education process.
<b>Stake holders</b>	EWB MJCET Student chapter, EWB India and Nirmaan. EWB MJCET Student chapter implemented the infrastructure projects under the guidance and support from EWB India. Nirmaan is the knowledge partner who is sharing its experience in improving the quality of education. All the three stakeholders are periodically monitoring the overall performance of the students and intervening accordingly.
<b>Impact</b>	Class room roof leaking was contained, bore well was repaired and is currently functional and RO water plant was repaired. It was noted the spoken English has improved and the awareness and usage of computers has increased due to the interventions.

## Directory of EWB India Professional and Student Chapter

### Professional Chapters

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