



Regd. No. 1892/2009

408, Nilgiri Block, Aditya Enclave, Ameerpet, Hyderabad-38. Ph: 09985943539

# Certificate of Merit

*This is to certify that*

*Mr. / Ms. / Mrs.* \_\_\_\_\_ **SHRIKANT N. GELEWAR** \_\_\_\_\_

*has successfully completed* \_\_\_\_\_ **ELECTRICAL CAL CAD** \_\_\_\_\_

*from* \_\_\_\_\_ **18-01-2016** \_\_\_\_\_ *to* \_\_\_\_\_ **18-02-2016** \_\_\_\_\_

*and has obtained* \_\_\_\_\_ **"A"** \_\_\_\_\_ *Grade*

Date: **18-02-2016**

E - Excellence (96% - 99%) A - Very Good (76% - 95%) B - Good (61% - 75%) C - Satisfactory (40% - 60%)



**Dr. Hemant M. Baradkar**  
Principal  
Jagadamba College of Engineering & Technology Arni Road, K. J. Yavatpur



Date : 25 JUN 2016

C.No. 2078

MAHA GENCO

Maharashtra State Power Generation Co. LTD.

# Certificate

*This is to certify that*

Mr. Gaurav Kisan Pawar, has undergone In-Plant Summer Training 2016  
at Bhusawal Thermal Power Station, Deepnagar.  
From 30th May 2016 to 25th June 2016.



The learning progress during the training has been assessed to be Excellent.

*[Handwritten Signature]*

Course Director  
BTPS, Deepnagar



*[Handwritten Signature]*  
Dr. Hemant M. Baradkar  
Chief Engineer  
Jagadamba College of Engineering &  
BTPS, Deepnagar





Maharashtra State Power Generation Co. Ltd.

Thermal Power Station Paras

Dist Akola 444 109

ISO 9001 : 2008 & 14001 : 2004 Certified

## Certificate

This is certify that Mr./Mrs. Prawesh Rajesh Meshram

student of Jagadambha College of Engineering & Technology, Yavatmal

Year / Semester Third Year has undergaon Four Weeks in plant

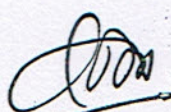
industrial practical training at TPS Paras, Tq. Balapur Dist: Akola during

summer vacation training from date 1-Jun-16 to 30-Jun-16

Place: Paras

Date: 30 Jun 2016



  
Chief Engineer  
MSPGCL TPS PARAS

  
Dr. Hemant M. Baradkar  
Principal  
Jagadambha College of Engineering &  
Technology, Ami Road, Kinhi, Yavatmal





Maharashtra State Power Generation Co. Ltd.

Thermal Power Station Paras  
Dist Akola 444 109

ISO 9001 : 2008 & 14001 : 2004 Certified

## Certificate

This is certify that Mr./Mrs. Sumit Suresh Dikundwar

student of Jagadambha College of Engineering & Technology, Yavatmal

Year / Semester Third Year has undergaon Four Weeks in plant


industrial practical training at TPS Paras, Tq. Balapur Dist: Akola during


summer vacation training from date 1-Jun-16 to 30-Jun-16

Place: Paras

Date: 30 Jun 2016



  
Chief Engineer  
MSPGCL TPS PARAS

  
Dr. Hemant M. Baraunde  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal





Ref. No. HR/ Training/ 16-17/ 031

Date: July 08, 2016

To whom so ever it may concern

This is to certify that Ms. Aishwarya Gajanan Karnewar student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016

During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

Authorized Signatory



Dr. Hemant M. Baradkar  
Principal  
Jagdambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

**RattanIndia Power Limited**

(Formerly Indiabulls Power Ltd.)

Registered Office : 5th Floor, Tower-B, Worldmark 1, Aerocity, New Delhi - 110037

Tel : +91 11 66612666 Fax : +91 11 66612777

Website : www.rattanindia.com

CIN : L40102DL2007PLC169982





Ref. No. HR/ Training/ 16-17/ 032

Date: July 08, 2016

**To whom so ever it may concern**


This is to certify that Ms. Pratidnya Shankarrao Meshram student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016


During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

  
Authorized Signatory



  
**Dr. Hemant M. Baradkar**  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

**RattanIndia Power Limited**

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Tel : +91 11 86812666 Fax : +91 111 86812777

Website : www.rattanindia.com  
CIN : L 40102DL2007PLC169082





Ref. No. HR/ Training/ 16-17/ 029

Date: July 08, 2016

**To whom so ever it may concern**

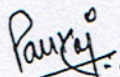
This is to certify that Ms. Sonal Purushottam Dhoke student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016


During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

  
Authorized Signatory



  
**Dr. Hemant M. Baradkar**  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

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Website : www.rattanindia.com  
CIN : L 40102DL2007PLC169082





Ref. No. HR/ Training/ 16-17/ 030

Date: July 08, 2016

**To whom so ever it may concern**

This is to certify that Ms. Ankita Pramodrao Giratkar student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department	: Operations & Maintenance (Electrical)
Duration	: 10 <sup>th</sup> June' 2016 to 07 <sup>th</sup> July' 2016

During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

Authorized Signatory



**Dr. Hemant M. Baradkar**  
Principal  
Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

**RattanIndia Power Limited**

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Tel : +91 11 66612666 Fax : +91 11 66612777

Website : www.rattanindia.com

CIN : L40402DL2007PLC169032





Ref. No. HR/ Training/ 16-17/ 021

Date: July 07, 2016

To whom so ever it may concern

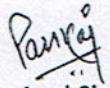
This is to certify that Ms. Kanchan Khasale student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016


During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

  
Authorized Signatory



  
Dr. Hemant M. Baradkar  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

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Website : www.rattanindia.com  
CIN : L 40102DL2007PLC169082





Ref. No. HR/ Training/ 16-17/ 025

Date: July 07, 2016

To whom so ever it may concern

This is to certify that Mr. Adarsh Gawai student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed his summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016

During his internship period we found him sincere.

We wish him all the success in his future endeavor.

For RattanIndia Power Limited

Authorized Signatory



Dr. Hemant M. Baradka,  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

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Tel : +91 11 66612666 Fax : +91 111 66612777

Website : www.rattanindia.com





Ref. No. HR/ Training/ 16-17/ 023

Date: July 07, 2016

To whom so ever it may concern

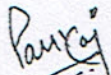
This is to certify that Ms. Sayali Urkude student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed her summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016

During her internship period we found her sincere.

We wish her all the success in her future endeavor.

For RattanIndia Power Limited

  
Authorized Signatory





Dr. Hemant M. Baradka.  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

**RattanIndia Power Limited**

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Tel: +91 11 66612666 Fax : +91 11 66612777





Ref. No. HR/ Training/ 16-17/ 028

Date: July 07, 2016

To whom so ever it may concern

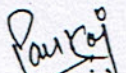
This is to certify that Mr. Akash Parekar student of Final Year B.E (Electrical Engineering) from Jagdambha College of Engineering & Technology, Yavatmal, has satisfactorily completed his summer internship with us, as per following details:

Name of the Department : Operations & Maintenance (Electrical)  
Duration : 10<sup>th</sup> June' 2016 to 07<sup>th</sup> July' 2016

During his internship period we found him sincere.

We wish him all the success in his future endeavor.

For RattanIndia Power Limited

  
Authorized Signatory



  
Dr. Hemant M. Baradkar  
Principal  
Jagadambha College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

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CIN : L40102DL2007PLC169082



**EPIC RESEARCH PVT. LTD.**

411 Minda Manor  
2 RNT Marg  
Indore-452001 MP, India

Phone: 731-5542300  
Web: www.epicresearch.co  
E-mail: info@epicresearch.co  
CIN: U74200MP2012PTC028897



Letter of Intent

Dear Mr./Ms. Sneha P. Karale,

We are delighted to offer you the position of Associate Financial Consultant with our Consulting Division, the place of posting shall be at Indore (M.P). You are going to be a part of a fast-paced and dedicated team that works together to provide our clients with the highest possible level of service and consulting.

We are confident that you will find this new opportunity both challenging and rewarding. An Appointment letter would be issued to you on joining. The following points outline the terms and conditions, along with this letter of intent.

Joining date: September-2019

Yearly package: 2,53,616/- (INR), Annexure 'A' attached,

**Probation:** On joining you would be serving a training period of 10-15 days as applicable to your level and then you will be on Probation for Three (3) months. If your services are found to be satisfactory, your employment with EPIC Research will be deemed to be confirmed, unless you are informed in writing otherwise. EPIC Research reserves the right to reduce, discontinue or extend your Probation Period at its absolute discretion. After confirmation you would be eligible for all company benefits as per company Standing Order from time to time.

During your Probation period a total sum of Rs.9,000/- will be deducted from your salary as retention amount which would be deducted as Rs. 3000/- per month during first three months. You shall be entitled to receive the retention amount in 13<sup>th</sup> month of your service only i.e. after completion of 1 year in the Company. In case of resignation or termination before 1 year the said amount is liable to be forfeited.

**Separation:** You should serve a notice period of one month before resigning from the position. If not, shall lose the pay and incentives for the one month period worked preceding resignation and forfeit 'Relieving Certificate' and 'Experience Certificate'. Your services shall be terminated on the Disciplinary, non performance or non adherence of the rules and policies of the company. EPIC Research shall have the right to terminate your employment, forthwith, without notice or payment of salary.

Here's wishing you a warm welcome and look forward to a long and mutually satisfying association.

On the day of joining you are required to bring the photo copies of following testimonials. This is mandatory for completing your joining and authentication process with EPIC Research (P) Ltd.

- 10th/12th/ Graduation/ Post Graduation/ Certification courses-Certificates and Mark sheets (1copy each)
- ID Proof [Aadhar Card, PAN card (Mandatory), Driving License, Voter ID]- Three copies each
- Copy of Bank pass book
- Copy of Letter of Intent
- Passport size photographs - Six Nos. (Colored)
- All of the above documents need to be carried in original and photo copies for Company's & Bank verification process.

For Epic Research (P) Ltd.

People Development Group.

With the signature below, I accept this offer for employment

Sneha P. Karale  
Name Sneha P. Karale

06-04-19  
Date



**Salary Details for Associate Financial Consultant (AFC)**

**Annexure 'A'**

Candidates name	Sneha Prakash Karale
Joining date	
Name of College	Jagadamba college of engg & technology
Contact Number	8605779967

Fixed Components	Monthly	Annual
Basic	7,800	93,600
Conveyance	356	4,272
Attendance allowance	1,000	12,000
Variable Components		
Key Performance Indicators (KPI)	4,000	48,000
Loyalty Bonus	-	11,000
Monthly Performance Incentives*	-	72,000*
<b>Gross Salary</b>	<b>13,156</b>	<b>2,40,872</b>
Retirement benefits		
Provident fund (Employer's Contribution)	1,062	12,744
<b>Total CTC</b>	<b>14,218/-</b>	<b>2,53,616/-</b>

**Important terms:**

- KPI and monthly performance incentives\* will vary based on your performance score and meeting the delivery targets as per the team structure. The incentive scale may vary as per your team allocation.
- As per the Corporate policy, for first 03 months: Rs. 11,218/- (after deducting Rs. 3000/- as Retention amount) will be paid as stipend, later from the 4<sup>th</sup> month KPI will be a variable component and PF contribution will follow.
- Retention amount of Rs. 9000/- will be paid out in 13<sup>th</sup> month of your service.
- Loyalty bonus will be paid out in 13<sup>th</sup> month of your service as per Company's Process Note.
- Your salary structure is subject to revision based on notifications received from Labor Department.
- Employee Contribution to PF of Rs 936/- will be deducted from your Gross salary from 4<sup>th</sup> month onwards..
- Kindly confirm your acceptance of this offer by signing and returning a copy of this letter and share a mail at [hr@epicresearch.co](mailto:hr@epicresearch.co)
- This appointment will be subject to you being found medically fit. (Medical certificate to be provided at the time of joining)
- You are not planning for any higher studies which would force you to quit the job before 1 year.
- For any further queries you can reach us at 7369961117.

Jr. Hemant M. Baradkar  
Principal

Jagadamba College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

Accepted By  
Sneha P. Karale  
(Name and signature of candidate)



**EPIC RESEARCH PVT. LTD.**

411 Mindh Manor  
2 RNT Marg  
Indore-452001 M.P. India

Phone: 731-6642300  
Web: www.epicresearch.co  
E-mail: info@epicresearch.co  
CIN: U74200MP2012PTC02897



**Letter of Intent**

Dear Mr./Ms. Shikha V. Jaiswal

We are delighted to offer you the position of Associate Financial Consultant with our Consulting Division, the place of posting shall be at Indore (M.P.). You are going to be a part of a fast-paced and dedicated team that works together to provide our clients with the highest possible level of service and consulting.

We are confident that you will find this new opportunity both challenging and rewarding. An Appointment letter would be issued to you on joining. The following points outline the terms and conditions, along with this letter of intent.

Joining date: September-2019

Yearly package: 2,53,616/- (INR), Annexure 'A' attached,

**Probation:** On joining you would be serving a training period of 10-15 days as applicable to your level and then you will be on Probation for Three (3) months. If your services are found to be satisfactory, your employment with EPIC Research will deemed to be confirmed, unless you are informed in writing otherwise. EPIC Research reserves the right to reduce, disperse with or extend your Probation Period at its absolute discretion. After confirmation you would be eligible for all company benefits as per company Standing Order from time to time.

During your Probation period a total sum of Rs.9,000/- will be deducted from your salary as retention amount which would be deducted as Rs. 3000/- per month during first three months. You shall be entitled to receive the retention amount in 13<sup>th</sup> month of your service only i.e. after completion of 1 year in the Company. In case of resignation or termination before 1 year the said amount is liable to be forfeited.

**Separation:** You should serve a notice period of one month before resigning from the position. If not, shall lose the pay and incentives for the one month period worked preceding resignation and forfeit 'Relieving Certificate' and 'Experience Certificate'. Your services shall be terminated on the Disciplinary, non performance or non adherence of the rules and policies of the company. EPIC Research shall have the right to terminate your employment, forthwith, without notice or payment of salary.

Here's wishing you a warm welcome and look forward to a long and mutually satisfying association.

On the day of joining you are required to bring the photo copies of following testimonials. This is mandatory for completing your joining and authentication process with EPIC Research (P) Ltd.

1. 10th/12th/ Graduation/ Post Graduation/ Certification courses-Certificates and Mark sheets (1 copy each)
2. ID Proof [Aadhar Card, PAN card (Mandatory), Driving License, Voter ID]- Three copies each
3. Copy of Bank pass book
4. Copy of Letter of Intent
5. Passport size photographs - Six Nos. (Colored)
6. All of the above documents need to be carried in original and photo copies for Company's & Bank verification process.

For Epic Research (P) Ltd.

People Development Group

With the signature below, I accept this offer for employment

Name: Shikha V. Jaiswal Date: 21.3.19

**Salary Details for Associate Financial Consultant (AFC)**

**Annexure 'A'**

Candidates name	Shikha V. Jaiswal
Joining date	
Name of College	Jagadamba college of Engineering and Technology
Contact Number	9404847318

Fixed Components	Monthly	Annual
Basic	7,800	93,600
Conveyance	356	4,272
Attendance allowance	1,000	12,000
<b>Variable Components</b>		
Key Performance Indicators (KPI)	4,000	48,000
Loyalty Bonus	-	11,000
Monthly Performance Incentives*	-	72,000*
<b>Gross Salary</b>	<b>13,156</b>	<b>2,40,872</b>
<b>Retirement benefits</b>		
Provident fund (Employer's Contribution)	1,062	12,744
<b>Total CTC</b>	<b>14,218/-</b>	<b>2,53,616/-</b>

**Important terms:**

- KPI and monthly performance incentives\* will vary based on your performance score and meeting the delivery targets as per the team structure. The incentive scale may vary as per your team allocation.
- As per the Corporate policy, for first 03 months: Rs. 11,218/- (after deducting Rs. 3000/- as Retention amount) will be paid as stipend, later from the 4<sup>th</sup> month KPI will be a variable component and PF contribution will follow.
- Retention amount of Rs. 9000/- will be paid out in 13<sup>th</sup> month of your service.
- Loyalty bonus will be paid out in 13<sup>th</sup> month of your service as per Company's Process Note.
- Your salary structure is subject to revision based on notifications received from Labor Department.
- Employee Contribution to PF of Rs 936/- will be deducted from your Gross salary from 4<sup>th</sup> month onwards..
- Kindly confirm your acceptance of this offer by signing and returning a copy of this letter and share a mail at [hr@epicresearch.co](mailto:hr@epicresearch.co)
- This appointment will be subject to you being found medically fit. (Medical certificate to be provided at the time of joining)
- You are not planning for any higher studies which would force you to quit the job before 1 year.
- For any further queries you can reach us at 7869961117.

**Jr. Hemant M. Baradkar**  
Principal  
Jagadamba College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

Accepted By  
Shikha V. Jaiswal  
(Name and signature of candidate)



# A Report on Field Project

**“Design And Analysis of Water Distribution System For Village  
Kinhi”**



**JAGADAMBHA**  
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

Arni Road, Yavatmal - 445001 (M.S.)

Ph. 07232-244226, Fax : 07232-244226, Cell : 98 5005 3333

E-mail : principal.jcoet@gmail.com, principal@jcoet.org

Website : [www.jcoet.org](http://www.jcoet.org)



**Dr. Hemant M. Baradka.**  
Principal  
Jagadamba College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal



# “Design And Analysis of Water Distribution System For Village Kinhi”


By  
Civil Engineering Department

1. Title of Activity	“Design And Analysis of Water Distribution System For Village Kinhi Yavatmal”
2. Date of Activity	29/03/2017
3. Objective	To develop and integrated portable water system technology for design and analysis of water distribution system.
4. Venue	Kinhi Tq, Yavatmal
5. No. of Beneficiary	130 Students work on this project(Final Year)
6. Guided By	Prof. S.S.Kendhe Prof. V.R. Bankar

## INTRODUCTION

The present system of supply adopted in KINHI municipality is an intermittent supply and the network adopted is a dead end system. This system of supply of water in KINHI municipality may not be reliable to the upcoming years. as the present water distribution system do not fulfill the requirement of the area. Hence the research is all about the analysis of the new network and concludes about the reliability on the network for the future. The analysis is carried out based on various public demands, quantities of inflows and out flows of the over-head reservoirs. This analysis provides the information about various demands, losses, and uses of the public. The design and analysis of network of supply will make the municipality be aware of the new demands, rate of increase in the demands. The design is made keeping in view of the population growth rate, and the developing town. We use EPANET 2.0. Software to detect the flow of water in each pipe, the pressure at each node, the height of water in each tank. To examined the study of water demand analysis of public water supply in urban area using EPANET 2.0. Software with the aim of providing effective planning, development and operation of water distribution network which is one of an essential component of any water distribution network.



  
Dr. Hemant M. Saradka.  
Principal  
Jagadamba College of Engineering &  
Technology, Arni Road, Kinhi, Yavatmal

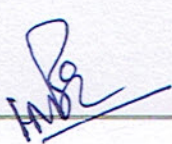


Water is the most precious gift of nature. It is the most crucial for sustaining life and is required in almost all the activities of mankind i.e., domestic and industrial use, irrigation to meet the growing food and fiber needs, power generation, navigation, recreation etc. and also required for animal consumption. The common source of water mainly comprises of Rain water, Surface water, Ground water and Water obtain from reclamation. With the increase in population, demand of water supply on the civic amenities including water supply for domestic purposes, irrigation, industry etc. has increased. Therefore, identification of sources of water supply, their conservation and optimal utilization is of utmost importance. Water distribution system, hydraulic infrastructure consisting of elements such as pipes, tanks, reservoirs, pumps and valves etc. is crucial to provide water to the consumers. Distribution mains are the pipelines that make up the distribution system. Water served human beings and living organisms in past centuries by rivers valleys and streams.

The most important consideration in designing and operating a water distribution system is to satisfy consumer demands under a range of quantity and quality considerations during the entire lifetime for the expected loading conditions. Also, a water distribution system must be able to accommodate abnormal conditions such as breaks in pipes, mechanical failure of pipes, valves, and control systems, malfunction of storage facilities and inaccurate demand projections. The possibility of occurrence of each of these deficiencies should be examined to determine the overall performance and thereby the reliability of the system. In general, reliability is defined as the probability that the system performs successfully within specified limits for a given period of time in a specified environment. As it is defined above, reliability is the ability of a system to provide adequate level of service to the consumers, under both normal and abnormal conditions. However, there is still not a convenient evaluation for the reliability of water distribution systems.

The primary task for water utilities is to deliver water of the required quantity to individual customers under sufficient pressure through a distribution network. The distribution of drinking water in distribution networks is technical challenge both in quantitative and qualitative terms. The water supply in most Indian cities is only available for a few hours per day, pressure is irregular, and the water is of questionable quality. Intermittent water supply, insufficient pressure and unpredictable service impose both financial and health costs on Indian households.



  
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Water supply networks are part of the master planning of communities, and municipalities. Their planning and design requires the expertise of civil engineers, who must consider many factors, such as location, current demand, future growth, leakage, pressure, pipe size, pressure loss, firefighting flows etc. Water supply systems get water from a variety of locations, including groundwater, surface water (lakes and rivers). Water then either flows by gravity or is pumped to reservoirs, which can be elevated such as water towers or on the ground.

#### OBJECTIVES:-

It is important to look at operational objectives first, and use these to establish the objectives for the project phase; otherwise there is risk that the water supply system will operate inefficiently, even if the project phase was completed successfully. So, for efficient working of system following objectives should kept in mind:

- To supply water equitably to the consumers with sufficient pressure so as to discharge the water at desired location within the premises.
- To develop and integrated portable water system technology for design and analysis of water distribution system of kinhi village

#### NECESSITY

Human life, as with all animal and plant life on the planet, is dependent upon water. Not only do we need water to grow our food, generate our power and run our industries, but we need it as basic part of our daily lives - our bodies need to consume water every day to continue functioning. "Basic needs of about 70litres per person per day". It includes the need for water to maintain a basic standard of personal and domestic hygiene sufficient to maintain health. The effects of inadequate water supply causes disease, time and energy expended in daily collection, high unit costs, etc. provision of basic daily water needs is yet to be regarded by many countries as a human right.

#### CONCLUSION

The main focused of this project is to design and analyses the water distribution network so at the end of analysis it is observed that the entire network has uniform flow and velocity and every node receives enough pressure without any deficiency.



A handwritten signature in blue ink, appearing to read "HMS" with a flourish.

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## SNAPSHOTS



Fig.1: Students Taking Reading

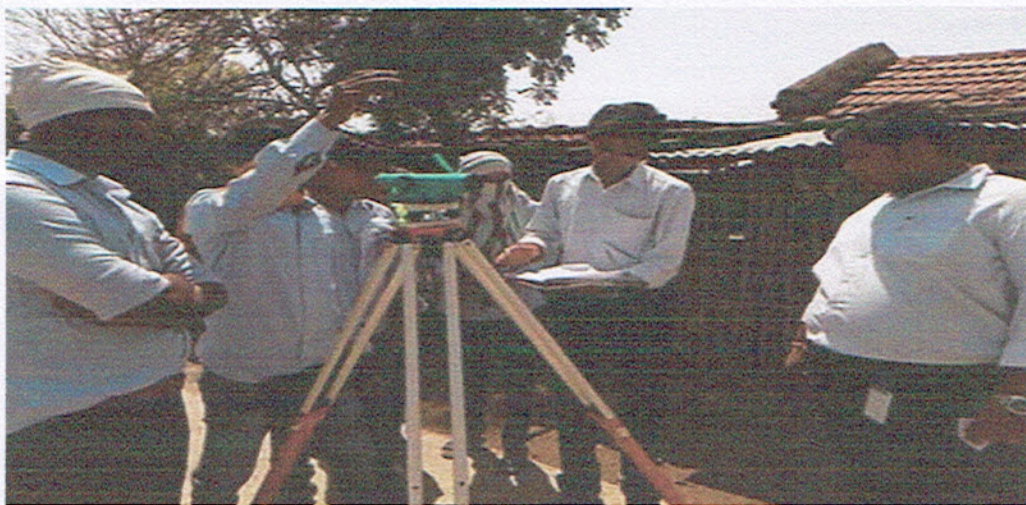


Fig.2: Faculty Guiding to Students



  
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Fig.3: Students Taking Reading



Fig.4: Students observing Control Pannel



  
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