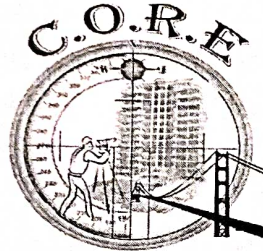




**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited Technical Talk**

On

***Career Opportunities After B.E/ B.Tech Through gateExam***  
By

**Mrs. NavathaCheBrolu,**  
VIET, Vani Institute, Bangalore

**Date:**19/02/2019 (Tuesday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**

**ACS COLLEGE OF ENGINEERING, BENGALURU-74**  
**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

We cordially invite all the students and staffs for a Technical Seminar  
scheduled on 19/02/2019 on the topic "Career Opportunities After  
B.E/ B.Tech Through gate Exam"

by

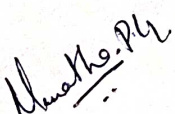
Mrs. NavathaCheBrolu,  
VIET, Vani Institute, Bangalore

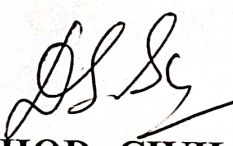
**Venue**

Seminar Hall – II  
Department of Civil Engineering  
ACS College of Engineering  
Bengaluru-74

Timing: 10.00 AM to 12.00 PM

**"WE CORDIALLY INVITE YOU"**

  
Coordinator

  
HOD- CIVIL

HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074



# ACS College of Engineering

Kambipura, Mysuru Road, Bengaluru 560074

## Department of Civil Engineering

---

DATE: 20/02/2019

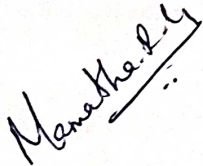
To

The Principal  
ACSCE, Bengaluru

Respected Sir,

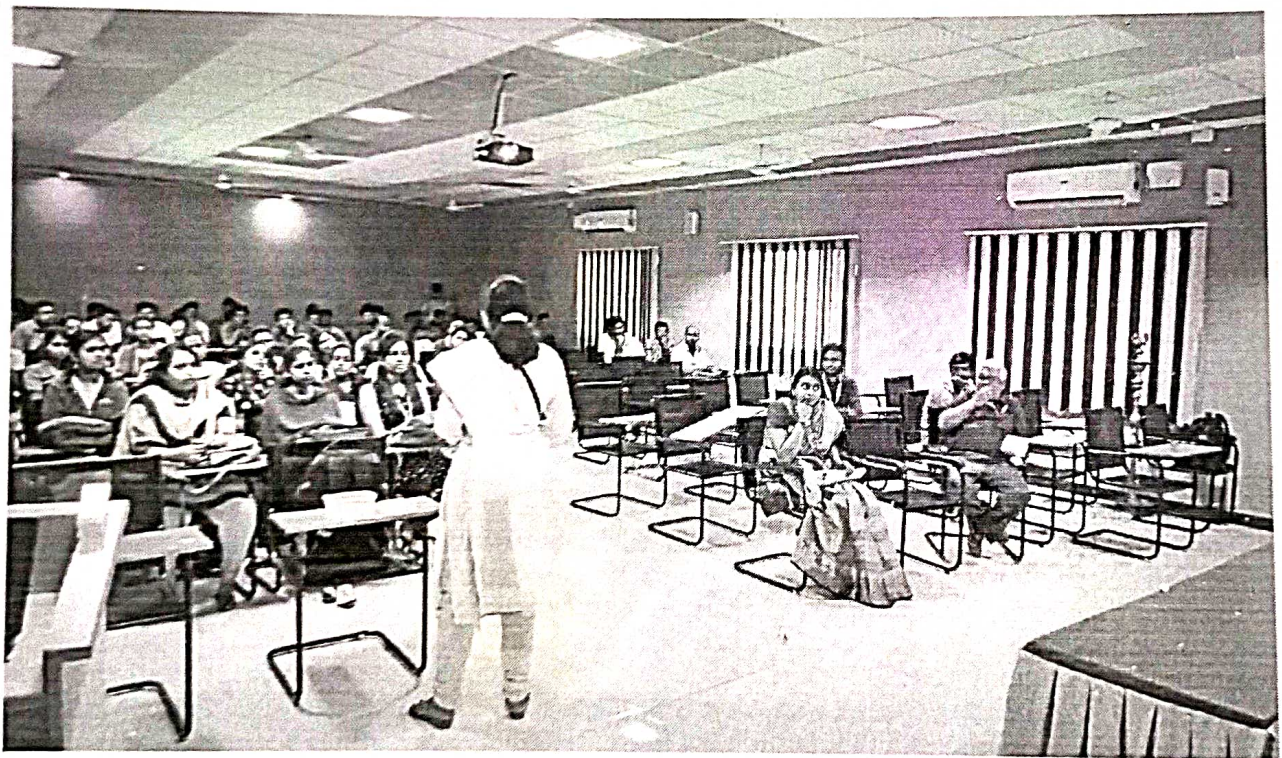
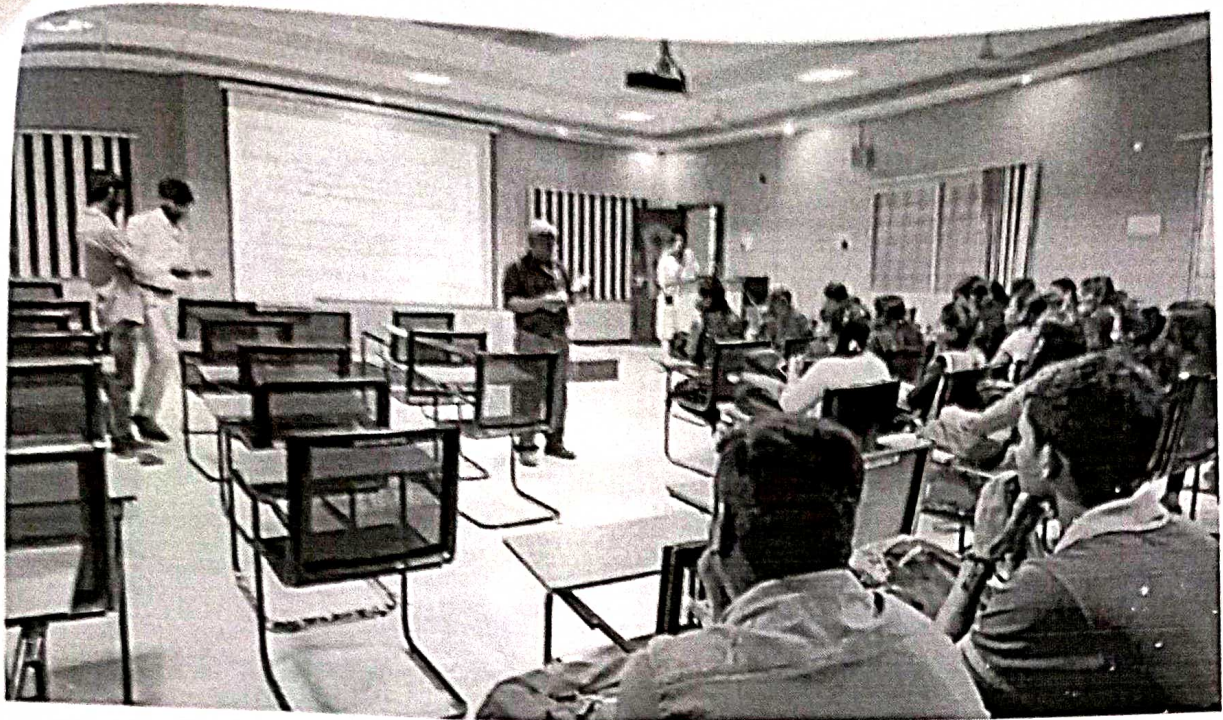
**Subject:** Report on the Technical Seminar delivered on 19/02/2019 between 11:45 am and 12:45 pm – reg.

The Department of Civil Engineering had arranged a technical lecture on “Career Opportunities After B.E/ B.Tech Through gate Exam” on 20/02/2019 between 11:45 am and 12:45 pm in Seminar Hall -2 for the benefit of the undergraduate students of Civil Engineering. The lecture was delivered by Mrs. Navatha Chebrolu, VIET, Vani Institute, Bangalore. Advantages of The Gate Exam was discussed like Junior Research Fellowship, Stipend and Scholarship, International Opportunities, PhD programme, Public Sector Undertakings Hiring and Job Placements.

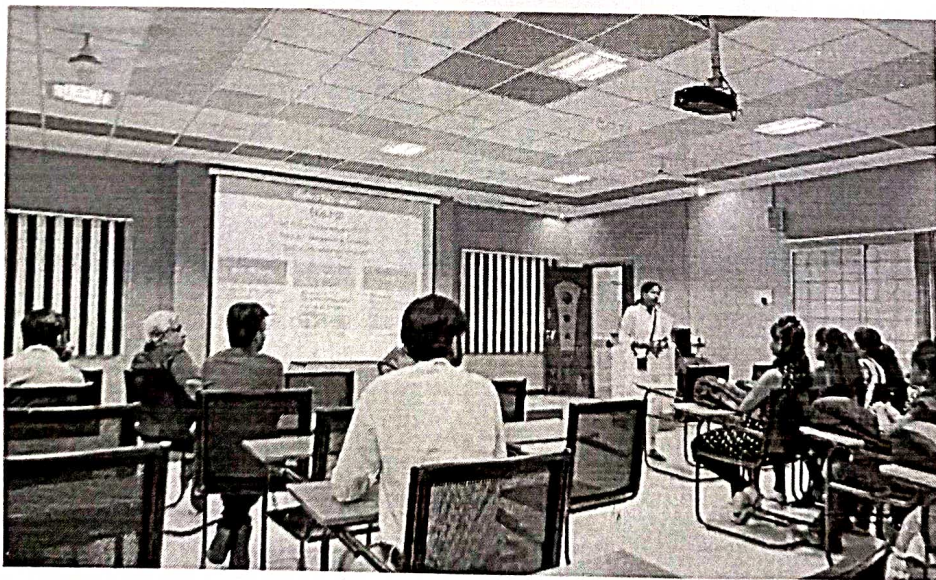
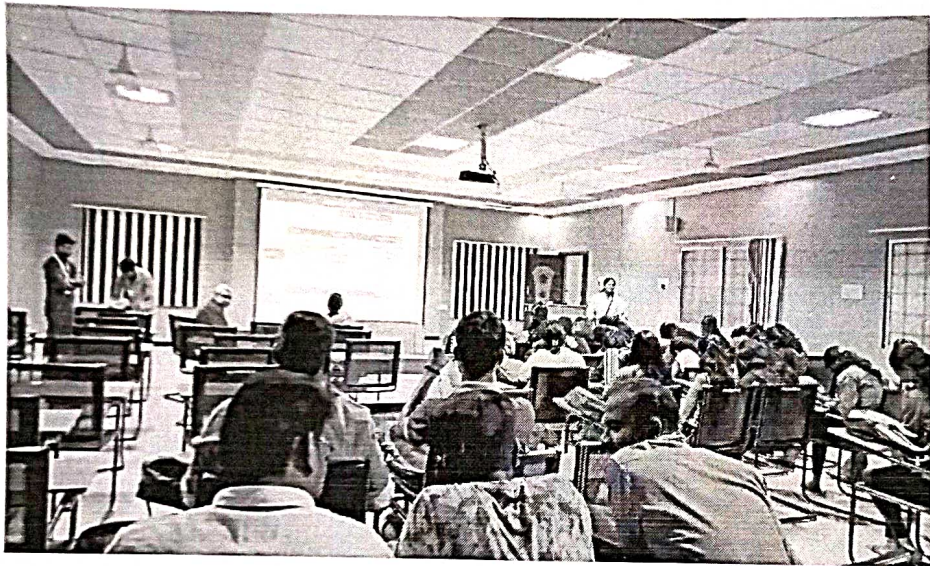
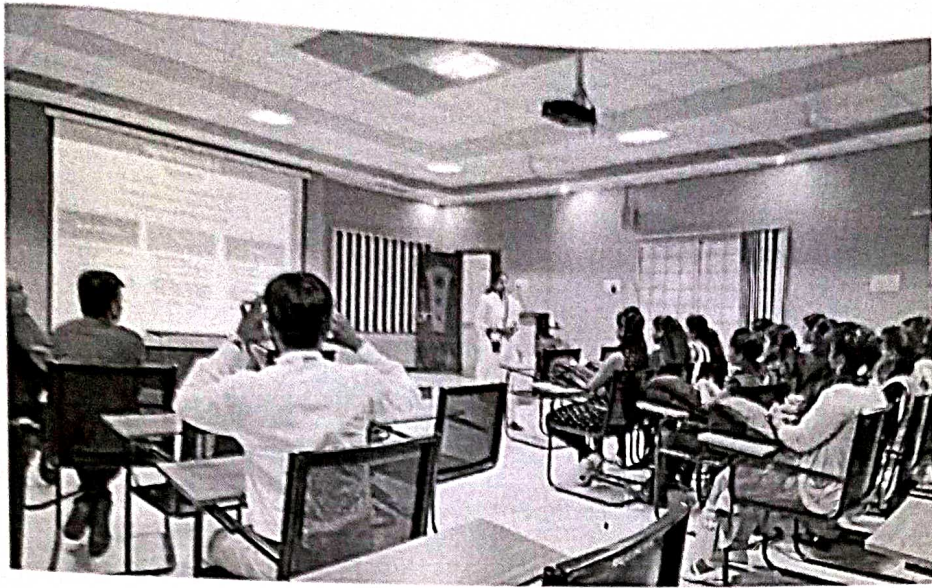
  
Coordinator

  
HOD  
HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.







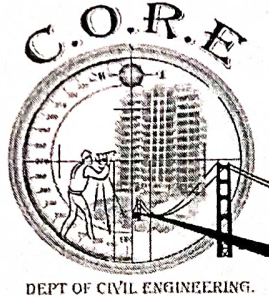






**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



Cordially invites you to the

**Invited Technical Talk**  
On

***Climate change and water vulnerability & adaptation***

By

**Dr. Ramaraju,**  
IPHE Secretary,  
HOD/Civil DSCE, Bangalore

**Date:**26/09/ 2018(Wednesday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



# REPORT ON TECHNICAL SEMINAR<sup>Talk</sup>


DEPARTMENT OF CIVIL ENGINEERING

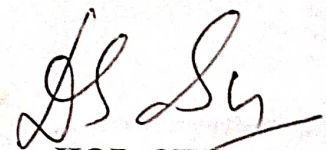
Climate Change & Water:  
Vulnerability & Adaptation

DR. RAMARAJU  
IPHE- SECRETARY,  
HOD/CIVIL DSCE, BANGALORE

Coordinators

Prof. Gayathri G 

Prof. Nikhil S Sastry 

  
HOD-CIVIL

Dr. D. L Venkatesh Babu





**ACS COLLEGE OF ENGINEERING, BENGALURU**  
Kambipura, Mysore Road, Bengaluru - 74  
**DEPARTMENT OF CIVIL ENGINEERING**

**REPORT OF TECHNICAL SEMINAR BY Dr. Ramaraju**

**INTRODUCTION**

Department of Civil Engineering had Organized a Technical Seminar on September 26th 2018, at 11.00 am at Seminar Hall II, Wednesday on the topic "Climate Change & Water: Vulnerability & Adaptation". The Tech – talk was delivered by Dr. Ramaraju HOD/CIVIL DSCE, Bangalore. This event was coordinated by Prof. Gayathri G and Prof. Nikhil S Sastry.

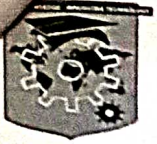
On this event all the Professors, Associate Professors and Assistant Professors along with 7<sup>th</sup> semester, 5<sup>th</sup> Semester and 3<sup>rd</sup> sem Engineering Students were invited to participate in the Technical Seminar.

This event started at 11.00 am with an invocation song, followed by welcome of the chief guest by Head of Civil Department Dr.D.L.Venkatesh Babu , the Technical Seminar by the Chief Guest Dr. Ramaraju and ended up with Vote of thanks by Dr.D.L.Venkatesh Babu.



**Fig: HOD-CIVIL Introducing the Chief Guest**





**ACS COLLEGE OF ENGINEERING, BENGALURU**  
Kambipura, Mysore Road, Bengaluru – 74  
**DEPARTMENT OF CIVIL ENGINEERING**

**SUMMARY:**

The technical seminar was on the topic “Climate Change & Water: Vulnerability & Adaptation”. A clear understanding was made on the concepts of climate and meteorological changes that affect the environment to a greater extent. The main reasons for the climate change are as follows

- Deforestation
- Exhaustion of fossil fuels
- Industrial pollution
- Increase in water usage
- Over dependence on electricity

A detailed discussion was made on the above said factors which has a prominent impact on the climatological changes. The key climate risks for coastal Areas are

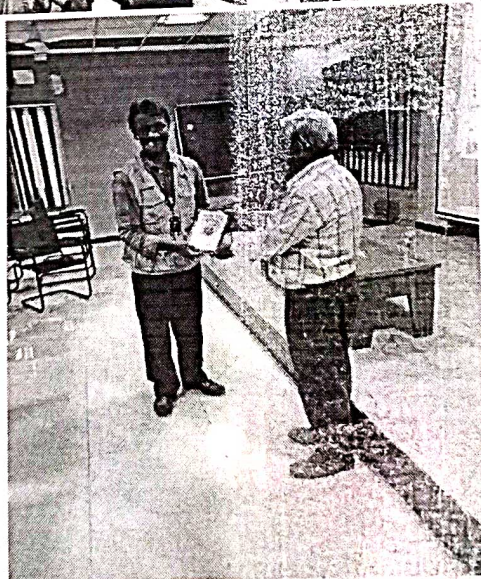
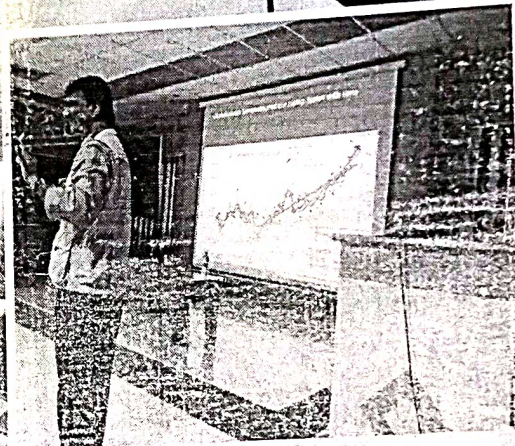
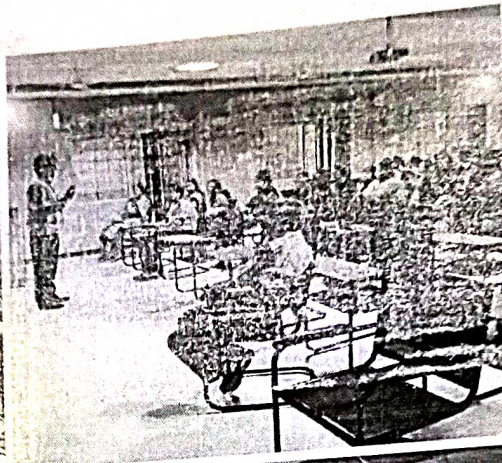
- Weather parameters: Monsoon vagaries – frequent monsoon failure, uneven spatio-temporal distribution of rainfall, Increasing temperature.
- Water Quantum : Shrinkage of water bodies, Surface & Ground water depletion, Quality : Intrusion of sea water & secondary Salinization
- Food security due to fall in agricultural production Unseasonal Rainfall, Frequent droughts / Floods & Increase in salinity of irrigation water & land
- Coastal ecosystem Flooding and Cyclones, Sea level rise, Land use changes & Heavy urbanization along the coastal region.

The key points which were discussed and concluded are as follows

- Seasonal Climate Forecasts for Water Management
- Need to strengthen research on regional adaptation
- Improve access to best available information on possible impacts of climate change
- Adequate fund allocation to improve local capacities on adaptation
- Take into account of needs and specificities of the region for developing adaptation
- More awareness campaigns
- Participation of people in economizing water & Electricity usage
- Encouraging reuse of water

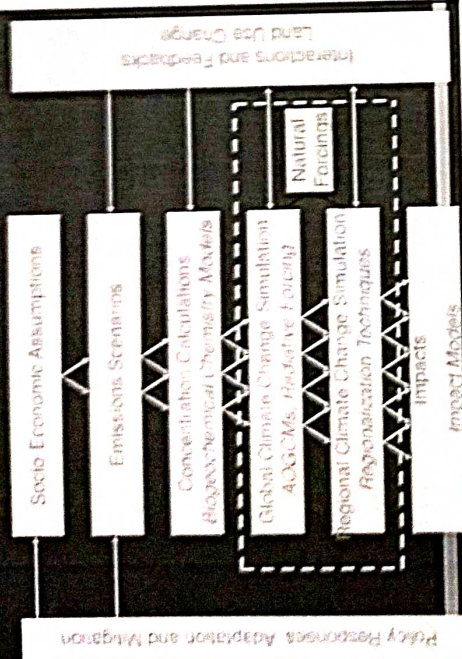


## Testimonials





## Cascade of uncertainty in climate change prediction



## Mitigation vs. Adaptation:

*Since we are already committed to a global warming of about 2-4° F over the next 40 years we need to focus on:*

- Adaptation to climate change for soil and water conservation in the next half decade
- Mitigation of continued rise in greenhouse gases so our (great)<sup>n</sup>-grand children will have as many opportunities as we have had.
- More dialog between soil/water/conservation scientists and climate scientists to help prioritize climate research efforts.

## Policy Responses

- State water policies (> 30 policies)
  - Ground Water Act
  - Karnataka Water Bodies Protection Act
- Drought Prone Area Program /Drought (National ) Monitoring Cell
  - For uneven distribution of rainfall
  - 100 days employment to rural
- Emergency Tsunami Reconstruction program (2005)(TN & other states)
  - Specifically for Tsunami
  - Evacuation along the coastal – 2km-
  - Construction of safe houses
  - Early warning system in place along the coast
- Biodiversity ACT
- Related to climate change
  - Banning of CFC's in refrigeration
  - Import of coal with less S content for thermal power station
  - Leaded / unleaded petrol

## Barriers to increase effectiveness

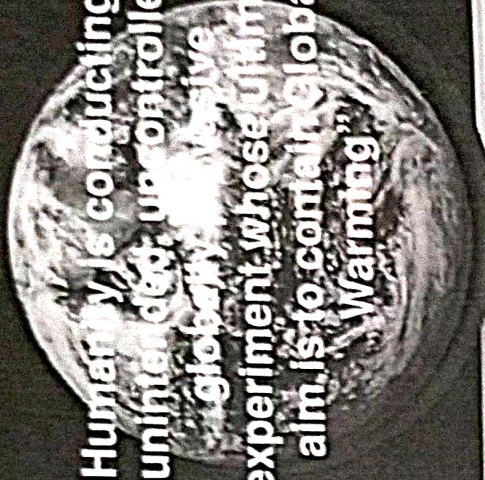
- Not effective for some policies
  - Eg: Over exploitation of ground water - Notification for critical, grey area. Though Ground water recharge program is there, people violate the rules due to free electricity
- Conflicting policies
- Budget for implementing policies
- No strict regulation and Monitoring
- Coordination, linkages and networking
- Access to data / Pooling of data
- Resource utilization
- Violation of act



## Conclusions

- Using Seasonal Climate Forecasts for Water Management
- Need to strengthen research on regional adaptation
- Improve access to best available information on possible impacts of climate change
- Adequate fund allocation to improve local capacities on adaptation
- Take into account of needs and specificities of the region for developing adaptation
- More awareness campaigns
- Participation of people in economizing water & Electricity usage
- Encouraging reuse of water

**"Humanity is conducting an unintended, uncontrolled, globally invasive experiment whose ultimate aim is to contain global Warming"**



**Mahatma Gandhi said that "There are people in the world so hungry, that God cannot appear to them except in the form of bread"**



**Those least able to cope and least responsible for Global Warming are the most affected**

DSCE

**Theodore Roosevelt, America's 26th President and a dedicated conservationist, said:**

***"The nation behaves well if it treats the natural resources as assets which it must turn over to the next generation increased, and not impaired in value."***

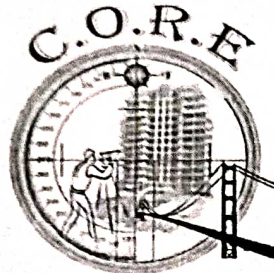
**The science that we do, we research, allows us to clean our air, improve our health, and leave our planet a better place for our children.**





**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited International seminar**  
On

***Quality Management Systems***  
***(ISO 9001:2015 Construction quality)***  
By

**Dr. D S RAJENDRA PRASAD**  
Company Quality Control Manager  
Azmeel Contracting Company, Jubail,  
Saudi Arabia

**Date:** 17/08/2018 (Friday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



**ACS COLLEGE OF ENGINEERING, BENGALURU-74**

**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

We cordially invite all the students and staffs for a Technical Seminar  
scheduled on 17 /08/ 2018 on the topic “**Quality Management  
Systems (ISO 9001:2015 Construction quality)**”

by


**Dr. D S RAJENDRA PRASAD**  
**Company Quality Control Manager**  
**Azmeel Contracting Company, Jubail,**  
**Saudi Arabia**

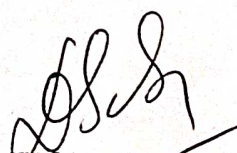
**Venue**

Seminar Hall – II  
Department of Civil Engineering  
ACS College of Engineering  
Bengaluru-74

Timing: 10.00 AM to 12.00 PM

**“WE CORDIALLY INVITE YOU”**

  
**Coordinator**

  
**HOD-CIVIL**

HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.



## BIOGRAPHY



### **Dr. D S Rajendra Prasad**

Sr. QA/QC Projects Manager  
Azmeel Contracting Company, Jubail, Saudi Arabia:

#### **Contact Details**

Sri Lingeshwara Sadana,  
10<sup>th</sup> Cross, S S Puram, Tumkur-572102, Karnataka India  
Ph: 0091-9449485788 E-mail - rajendra.shama@azmeel.com

Dr. Rajendra Prasad D S is a Quality Head at Azmeel Contracting Company, one of the largest construction company in the Kingdom of Saudi Arabia, that caters to Buildings, Infrastructures, Industrial and Refinery structures. Previously, Dr. Rajendra Prasad worked as a Chief Engineer-Quality in Burj Khalifa Tower Project, Dubai with Samsung JV.

He is a postgraduate engineer in Civil from UVCE, Bangalore and having a Post-Doctoral degree in Civil Engineering. He also have master degree in Computer Applications from IGNOU, New Delhi. He has worked as Vice President-Quality in Ozonegroup, Builders, Bangalore and as a Deputy General Manager-Quality in Mantri Developers Bangalore. Before joining Azmeel Contracting Company, KSA, he has worked as Professor and Principal in HMSIT, Tumkur. He is an author of more than 48 research papers and 21 books in various disciplines. He is a TUV-NORD certified Lead Auditor Quality Management System, accredited Project Management Professional.

Dr. Rajendra Prasad is a recipient of many awards and certificates:

1. **Best Engineer & Safety Man of the Month**, Samsung Corporation, Burj Dubai Tower, Dubai
2. **Commendation certificate** from SIT, Tumkur for not availing a single day CL for 7 years: 1995, 1998, 1999, 2000, 2001, 2002, 2003
3. **Best Student award** – PGDCA
4. **Commendation Certificates for conducting Free Coaching Classes**: 2008-09, Sept 2003
5. **Kannada Rajyotsava Life Time Achievement Award**, Mayura Kannada Vedike, Tumkur, Nov, 2013
6. **Dr. Abdul Kalam Life Time Achievement Award**, International Institute for Social and Economic Reforms, Bangalore, 25<sup>th</sup>, July 2014

He is having the following Memberships:

- Member Saudi Council of Engineer, Saudi Arabia
- Life Member Indian Institute of Engineer, India
- Life Member Indian Concrete Institute, India
- Life Member Institution of Engineers.
- Life Member Indian Society for Technical Education.
- Life member Kannada Nudi, Kannada Sahitya Parisith, Karnataka

Number of Citations: 05

Invited Talks: 04

Resource person for Workshops: 21

Reviewer/Referee: 1. Computers and Concrete, 2. International Journal Indian Journal of Science and Technology, 4. SCIENCEDOMAIN international Journal.

Workshops/Training attended: 31Nos.

Text Books Authored/Co-authored 21 nos.: Co-authored -09, Authored - 12

M.E / M.Tech Dissertations Guided: 19 Nos.

Ph.D Guiding: 01



**ACS COLLEGE OF ENGINEERING**

**BENGALURU – 74**

**Feedback form For International Seminar on**

***“Quality Management Systems***

***(ISO 9001:2015 Construction quality)”***

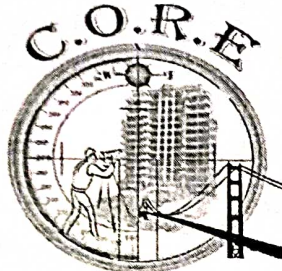
SINo.	Questionare	Very good(5)	Good(4)	Satisfactory(3)	Unsatisfactory(2)	Poor(1)
1	Was the technical talk/seminar interesting?		✓			
2	Was it helpful for improving your technical knowledge?			✓		
3	Was the topic relevant to your subject area?					
4	Was the presenter able to reach you?		✓			
5	What concept did you grasp from this talk?			✓		
6	Comment	Very good for understanding Management				





**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited Entrepreneurship Seminar**  
On

***WECON (Women Entrepreneurship Conclave)***

By

**Prof. Gayathri G**  
ACSCE, Bangalore

**Date:** 3<sup>rd</sup> -4<sup>th</sup> Sept 2018 **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



# **ACS COLLEGE OF ENGINEERING**

## **WECON-WOMEN ENTREPRENEURSHIP CONCLAVE**

**LOCATION:** Jain University.JGI Global Campus , Kanakapura

**DATE:** 03/09/2018 AND 04/09/2018

**Sponsoring Organization(s):**

All India Council For Technical Education(AICTE) and International Institute of Waste Management (IIWM)

**Contact Number:**+91 8025599079


**E-mail:** [events@iiwm.in/info@wecon.in](mailto:events@iiwm.in/info@wecon.in)

### **REPORT**

On 3<sup>rd</sup> and 4th September 2018, the All India council for Technical Education (AICTE) and International Institute of Waste Management (IIWM) sponsored the WECON (WOMEN ENTREPRENEURSHIP CONCLAVE), which focused on convergence of 3500 plus aspiring women entrepreneurs in waste management and inspiring the next generation of women to be empowered.

On 3<sup>rd</sup> September, initially we registered our names and then we attended online test mainly based on personality inventory and cognitive ability. At same time, the conference was open to the public and approximately 2000 people were in attendance. During the conference attendees shared opinions , thoughts and suggestions for consideration during upcoming Women Entrepreneurship conclave

Post lunch i.e second session of the first day, the guest discussed about types of incubators and how to start up as an Entrepreneur.

  
HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.



- Partial service incubators
- Full service incubators

The discussion also extended about the requirements for an entrepreneur.

The key components are as follows.

- Willingness
- Identify your problem statement which is solvable
- The purpose should be useful for society
- Skill empathy ,planning and execution
- Identify your core team members
- Start small , then grow , then scale and then check your finance

On 4<sup>th</sup> September, second day of the conference, the chief patrons inaugurated the National Women Entrepreneurship Conclave 2018

A visit to the Jain University Incubation Centre (Juincubator), VRROK was an added advantage and a practical exposure to all of us. Later they felicitated the Eminent Women in Waste Management. Few of them are Kausarbanu, an e-waste Entrepreneur, Smt Leelavathi, a para Olympian, Saroja Bakley, recyclist of human hair, Naina Sha, director of Eco paradine system, Chaya Prabu, director Lagoo udyog Bharath and Chitra Rajan, a biogas generationist (biogas cylinder supplier to Harohalli industrial area). Photos of the same event is attached.

The guest speaker Smt. Madhuri sahasrabudhe, chairperson, Foundation for Holistic development in Academic Field, spoke about entrepreneurship and the empowerment for the next generation. Dr. N.K Krishnan discussed about e-garbage and e-waste, its methods of disposal and waste minimization. He added about importance of skill development course.

This was followed by the inaugural address by the guest of honor Mr. Jerin. The gathering was highly motivated and inspired by the entrepreneurial speech & that everyone would have developed innately.

The session was concluded with the release of the Mentors directory and the importance of mentors in day to day life was made known.



Post lunch in second session, we had technical talk on Entrepreneurship in waste management and financial empowerment for entrepreneurship development in waste management. There was also an open house interaction with the established Entrepreneur which was an added gesture to the entire program. A women Entrepreneurship project by Indian institute of waste management was also presented which soaked thousands of innovative ideas in young minds. This was followed by poster presentations. The program was concluded by valedictory function.

#### Highlights of Wecon

- Technical know-how and potential of green technologies and waste management entrepreneurship possibilities.
- Exposure about various funding avenues.
- Financial independence.
- Motivation of women students to become empowered.
- Encouraging innovation in Waste management sector which help in with cost effective clean in India.

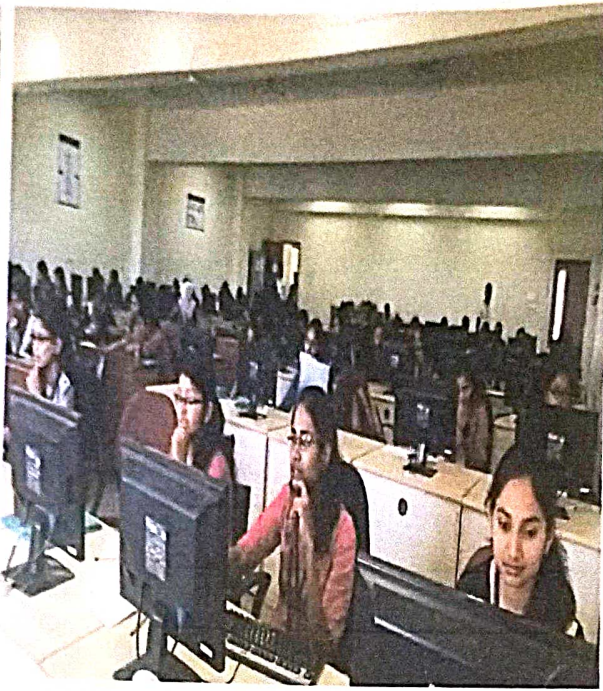
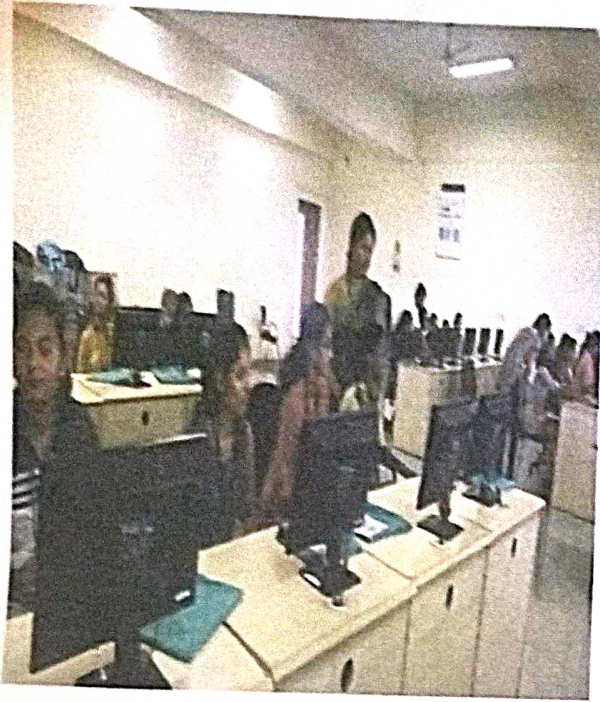
The conference was highly inspirational, innovative and extremely professional which made us all knowledgeable in nature conservation.

Looking forward to attend many such clear and concise workshops and conferences. I thank whole heartedly the management of RRGi on giving us this opportunity for participating in this international conference.

#### Members attended

Gayathri G Asst. Professor department of Civil engineering and 22 girl students from all departments.





Online Test for Students







**Wecon Conference**



**Poster Presentation**





**Chief Guest Speech**



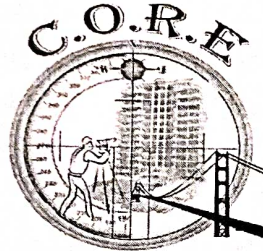
**Felicitaton to Women Entrepreneurs**





**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited Technical Talk**  
On

***Career Opportunities After B.E/ B.Tech Through gateExam***  
By

**Mrs. NavathaCheBrolu,**  
VIET, Vani Institute, Bangalore

**Date:**19/02/2019 (Tuesday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



**ACS COLLEGE OF ENGINEERING, BENGALURU-74**  
**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

We cordially invite all the students and staffs for a Technical Seminar  
scheduled on 19/02/2019 on the topic "Career Opportunities After  
B.E/ B.Tech Through gate Exam"

by

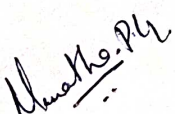
Mrs. NavathaCheBrolu,  
VIET, Vani Institute, Bangalore

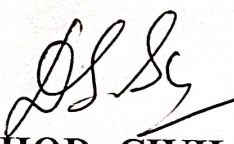
**Venue**

Seminar Hall – II  
Department of Civil Engineering  
ACS College of Engineering  
Bengaluru-74

Timing: 10.00 AM to 12.00 PM

**"WE CORDIALLY INVITE YOU"**

  
Coordinator

  
HOD- CIVIL

HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074



# ACS College of Engineering

Kambipura, Mysuru Road, Bengaluru 560074

## Department of Civil Engineering

---

DATE: 20/02/2019

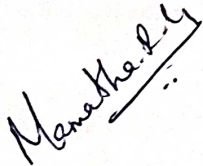
To

The Principal  
ACSCE, Bengaluru

Respected Sir,

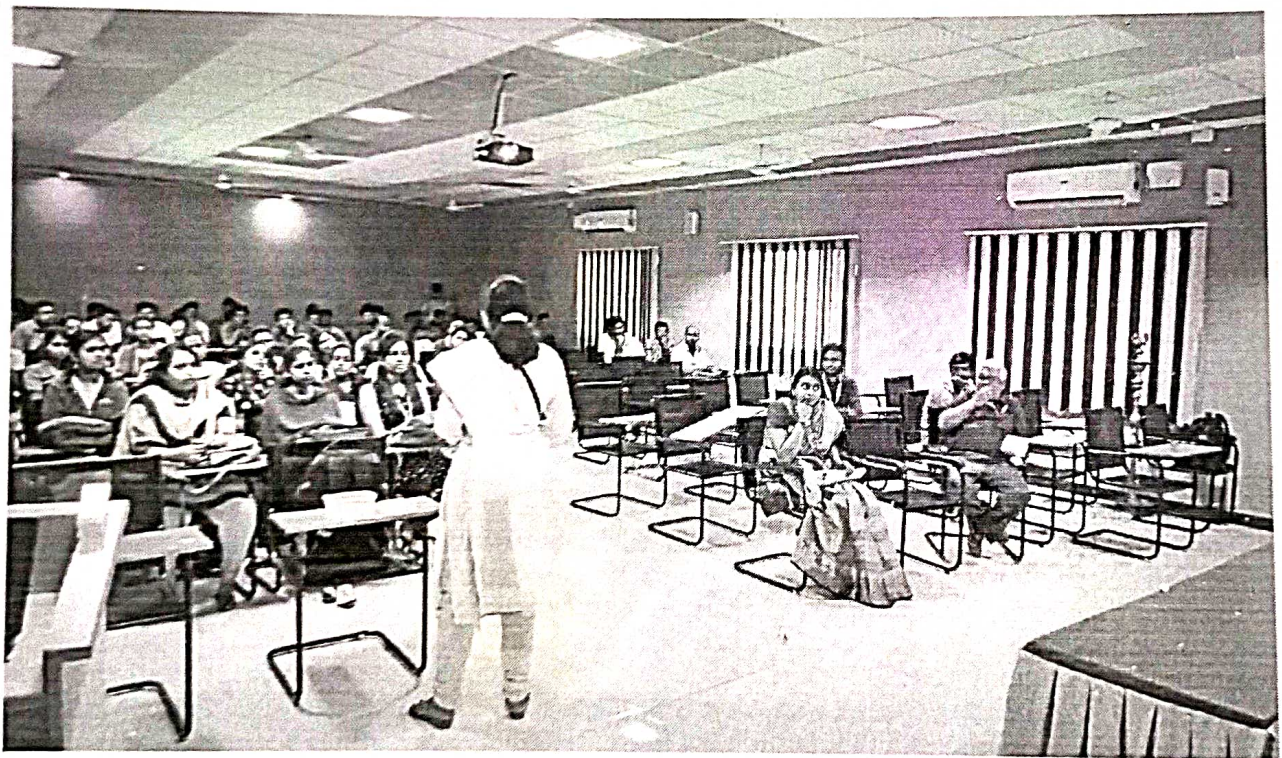
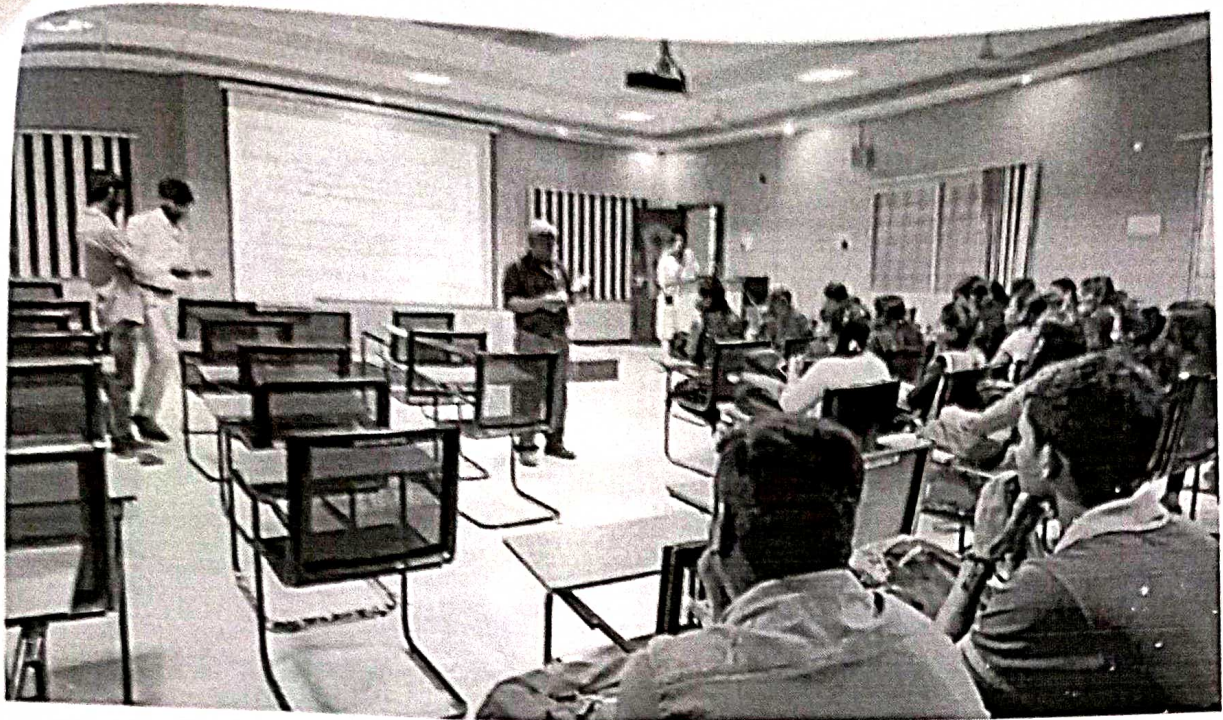
**Subject:** Report on the Technical Seminar delivered on 19/02/2019 between 11:45 am and 12:45 pm – reg.

The Department of Civil Engineering had arranged a technical lecture on “Career Opportunities After B.E/ B.Tech Through gate Exam” on 20/02/2019 between 11:45 am and 12:45 pm in Seminar Hall -2 for the benefit of the undergraduate students of Civil Engineering. The lecture was delivered by Mrs. Navatha CheBrolu, VIET, Vani Institute, Bangalore. Advantages of The Gate Exam was discussed like Junior Research Fellowship, Stipend and Scholarship, International Opportunities, PhD programme, Public Sector Undertakings Hiring and Job Placements.

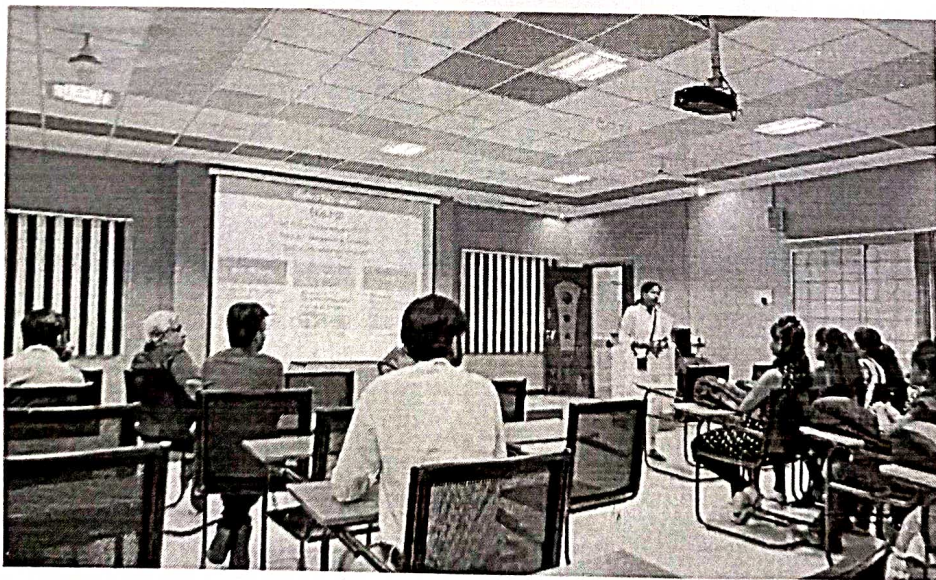
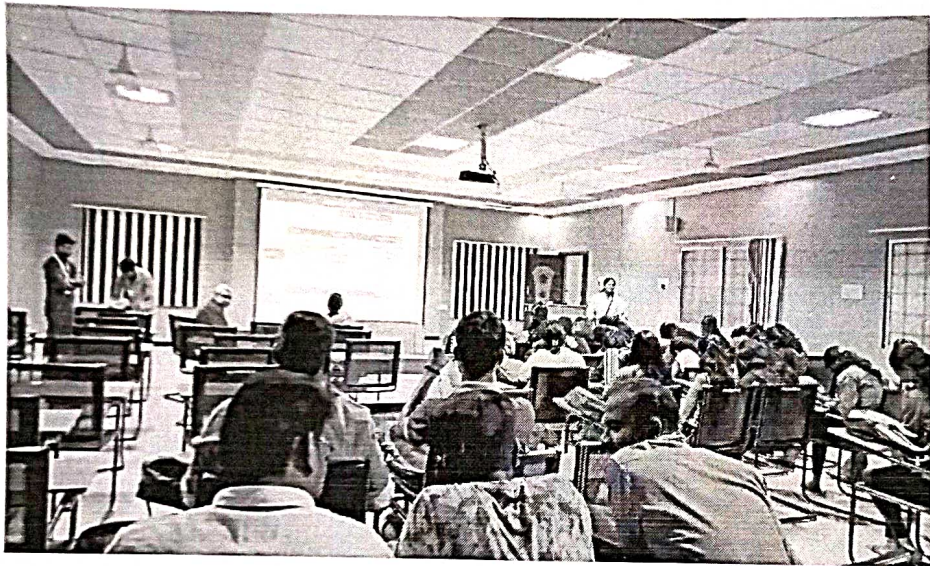
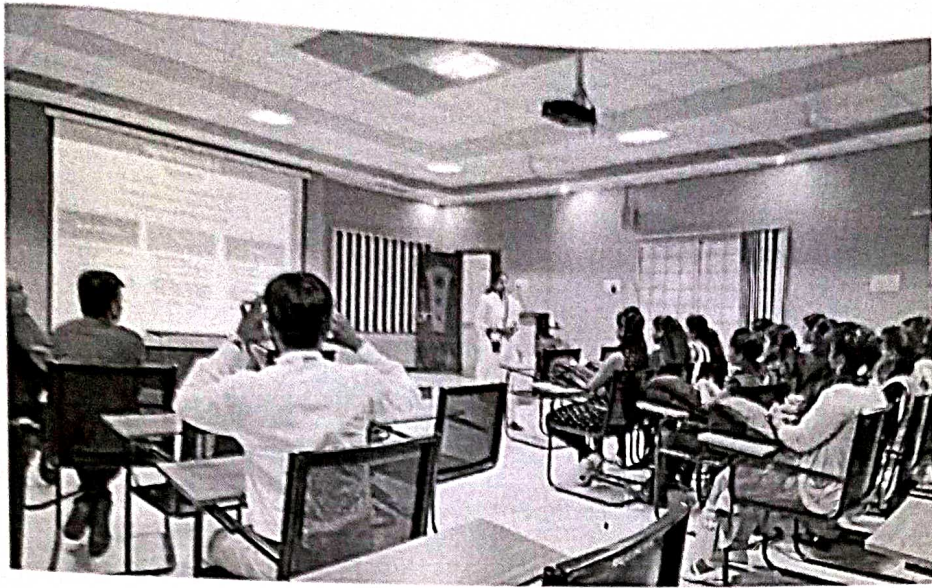
  
Coordinator

  
HOD  
HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.







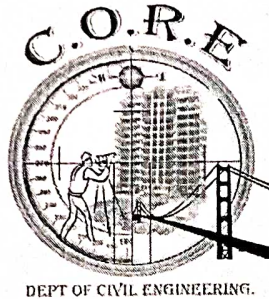






**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



Cordially invites you to the

**Invited Technical Talk**  
On

***Climate change and water vulnerability & adaptation***

By

**Dr. Ramaraju,**  
IPHE Secretary,  
HOD/Civil DSCE, Bangalore

**Date:**26/09/ 2018(Wednesday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**




# REPORT ON <sup>Talk</sup> TECHNICAL SEMINAR DEPARTMENT OF CIVIL ENGINEERING

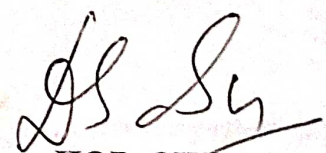
Climate Change & Water:  
Vulnerability & Adaptation

DR. RAMARAJU  
IPHE- SECRETARY,  
HOD/CIVIL DSCE, BANGALORE

Coordinators

Prof. Gayathri G 

Prof. Nikhil S Sastry 

  
HOD-CIVIL

Dr. D. L Venkatesh Babu





**ACS COLLEGE OF ENGINEERING, BENGALURU**  
Kambipura, Mysore Road, Bengaluru - 74  
**DEPARTMENT OF CIVIL ENGINEERING**

**REPORT OF TECHNICAL SEMINAR BY Dr. Ramaraju**

**INTRODUCTION**

Department of Civil Engineering had Organized a Technical Seminar on September 26th 2018, at 11.00 am at Seminar Hall II, Wednesday on the topic "Climate Change & Water: Vulnerability & Adaptation". The Tech – talk was delivered by Dr. Ramaraju HOD/CIVIL DSCE, Bangalore. This event was coordinated by Prof. Gayathri G and Prof. Nikhil S Sastry.

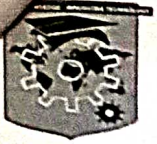
On this event all the Professors, Associate Professors and Assistant Professors along with 7<sup>th</sup> semester, 5<sup>th</sup> Semester and 3<sup>rd</sup> sem Engineering Students were invited to participate in the Technical Seminar.

This event started at 11.00 am with an invocation song, followed by welcome of the chief guest by Head of Civil Department Dr.D.L.Venkatesh Babu , the Technical Seminar by the Chief Guest Dr. Ramaraju and ended up with Vote of thanks by Dr.D.L.Venkatesh Babu.



**Fig: HOD-CIVIL Introducing the Chief Guest**





**ACS COLLEGE OF ENGINEERING, BENGALURU**  
Kambipura, Mysore Road, Bengaluru – 74  
**DEPARTMENT OF CIVIL ENGINEERING**

**SUMMARY:**

The technical seminar was on the topic “Climate Change & Water: Vulnerability & Adaptation”. A clear understanding was made on the concepts of climate and meteorological changes that affect the environment to a greater extent. The main reasons for the climate change are as follows

- Deforestation
- Exhaustion of fossil fuels
- Industrial pollution
- Increase in water usage
- Over dependence on electricity

A detailed discussion was made on the above said factors which has a prominent impact on the climatological changes. The key climate risks for coastal Areas are

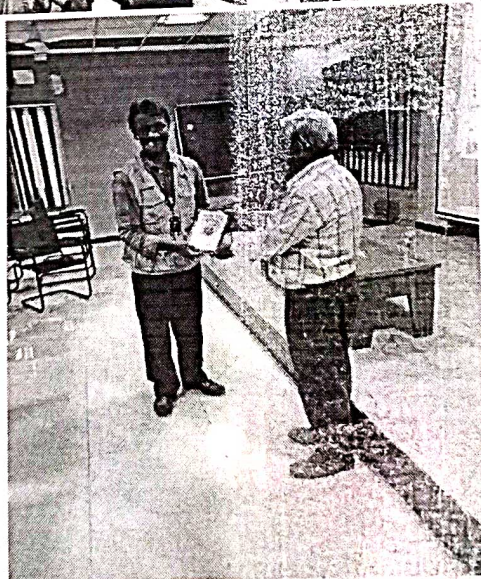
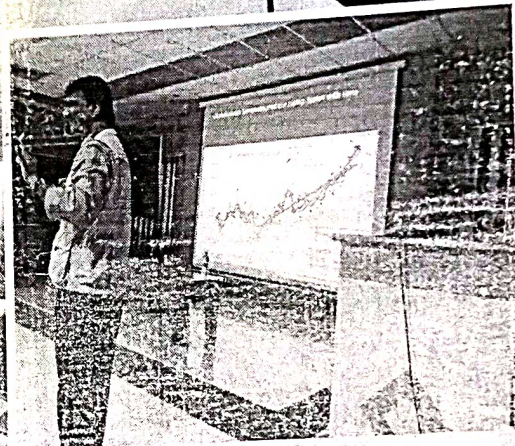
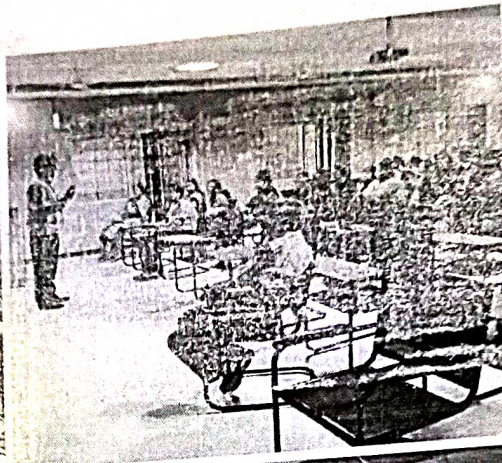
- Weather parameters: Monsoon vagaries – frequent monsoon failure, uneven spatio-temporal distribution of rainfall, Increasing temperature.
- Water Quantum : Shrinkage of water bodies, Surface & Ground water depletion, Quality : Intrusion of sea water & secondary Salinization
- Food security due to fall in agricultural production Unseasonal Rainfall, Frequent droughts / Floods & Increase in salinity of irrigation water & land
- Coastal ecosystem Flooding and Cyclones, Sea level rise, Land use changes & Heavy urbanization along the coastal region.

The key points which were discussed and concluded are as follows

- Seasonal Climate Forecasts for Water Management
- Need to strengthen research on regional adaptation
- Improve access to best available information on possible impacts of climate change
- Adequate fund allocation to improve local capacities on adaptation
- Take into account of needs and specificities of the region for developing adaptation
- More awareness campaigns
- Participation of people in economizing water & Electricity usage
- Encouraging reuse of water

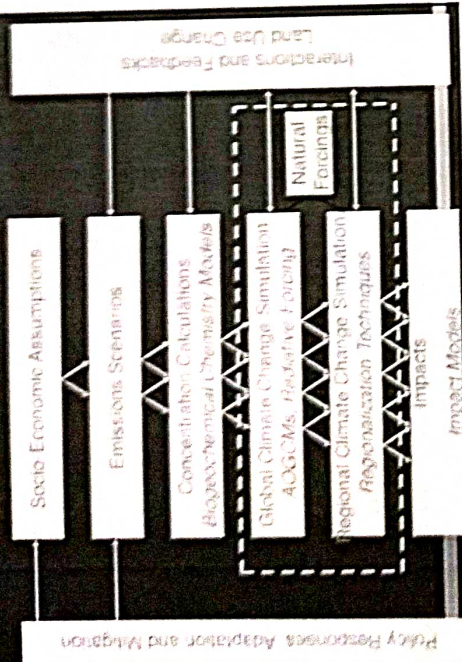


## Testimonials





## Cascade of uncertainty in climate change prediction



## Mitigation vs. Adaptation:

*Since we are already committed to a global warming of about 2-4° F over the next 40 years we need to focus on:*

- Adaptation to climate change for soil and water conservation in the next half decade
- Mitigation of continued rise in greenhouse gases so our (great)<sup>n</sup>-grand children will have as many opportunities as we have had.
- More dialog between soil/water/conservation scientists and climate scientists to help prioritize climate research efforts.

## Policy Responses

- State water policies (> 30 policies)
  - Ground Water Act
  - Karnataka Water Bodies Protection Act
- Drought Prone Area Program /Drought (National ) Monitoring Cell
  - For uneven distribution of rainfall
  - 100 days employment to rural
- Emergency Tsunami Reconstruction program (2005)(TN & other states)
  - Specifically for Tsunami
  - Evacuation along the coastal – 2km-
  - Construction of safe houses
  - Early warning system in place along the coast
- Biodiversity ACT
- Related to climate change
  - Banning of CFC's in refrigeration
  - Import of coal with less S content for thermal power station
  - Leaded / unleaded petrol

## Barriers to increase effectiveness

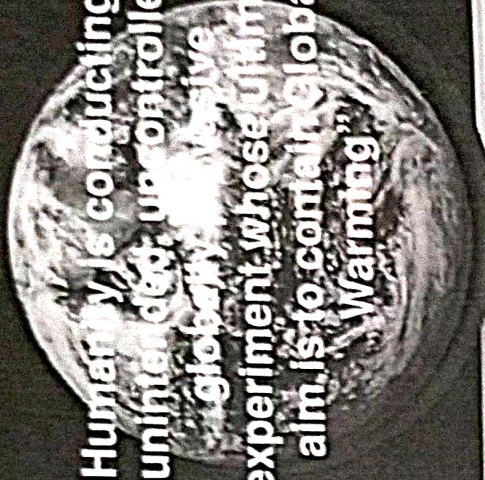
- Not effective for some policies
  - Eg: Over exploitation of ground water - Notification for critical, grey area. Though Ground water recharge program is there, people violate the rules due to free electricity
- Conflicting policies
- Budget for implementing policies
- No strict regulation and Monitoring
- Coordination, linkages and networking
- Access to data / Pooling of data
- Resource utilization
- Violation of act



## Conclusions

- Using Seasonal Climate Forecasts for Water Management
- Need to strengthen research on regional adaptation
- Improve access to best available information on possible impacts of climate change
- Adequate fund allocation to improve local capacities on adaptation
- Take into account of needs and specificities of the region for developing adaptation
- More awareness campaigns
- Participation of people in economizing water & Electricity usage
- Encouraging reuse of water

**"Humanity is conducting an unintended, uncontrolled, globally invasive experiment whose ultimate aim is to contain global Warming"**



**Mahatma Gandhi said that "There are people in the world so hungry, that God cannot appear to them except in the form of bread"**



**Those least able to cope and least responsible for Global Warming are the most affected**

DSCE

**Theodore Roosevelt, America's 26th President and a dedicated conservationist, said:**

***"The nation behaves well if it treats the natural resources as assets which it must turn over to the next generation increased, and not impaired in value."***

**The science that we do, we research, allows us to clean our air, improve our health, and leave our planet a better place for our children.**



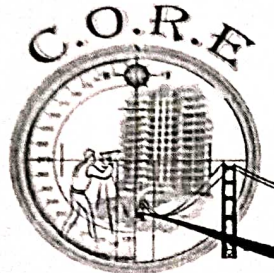


# ACS

## College of Engineering

Bangalore

### Department of Civil Engineering



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited International seminar**

On

***Quality Management Systems***  
***(ISO 9001:2015 Construction quality)***

By

**Dr. D S RAJENDRA PRASAD**

Company Quality Control Manager  
Azmeel Contracting Company, Jubail,  
Saudi Arabia

**Date:** 17/08/2018 (Friday) **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



**ACS COLLEGE OF ENGINEERING, BENGALURU-74**

**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

We cordially invite all the students and staffs for a Technical Seminar  
scheduled on 17 /08/ 2018 on the topic “**Quality Management  
Systems (ISO 9001:2015 Construction quality)**”

by


**Dr. D S RAJENDRA PRASAD**  
**Company Quality Control Manager**  
**Azmeel Contracting Company, Jubail,**  
**Saudi Arabia**

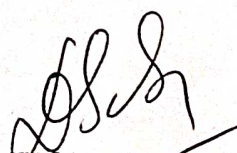
**Venue**

Seminar Hall – II  
Department of Civil Engineering  
ACS College of Engineering  
Bengaluru-74

Timing: 10.00 AM to 12.00 PM

**“WE CORDIALLY INVITE YOU”**

  
**Coordinator**

  
**HOD-CIVIL**

HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.



## BIOGRAPHY



### **Dr. D S Rajendra Prasad**

Sr. QA/QC Projects Manager  
Azmeel Contracting Company, Jubail, Saudi Arabia:

#### **Contact Details**

Sri Lingeshwara Sadana,  
10<sup>th</sup> Cross, S S Puram, Tumkur-572102, Karnataka India  
Ph: 0091-9449485788 E-mail - rajendra.shama@azmeel.com

Dr. Rajendra Prasad D S is a Quality Head at Azmeel Contracting Company, one of the largest construction company in the Kingdom of Saudi Arabia, that caters to Buildings, Infrastructures, Industrial and Refinery structures. Previously, Dr. Rajendra Prasad worked as a Chief Engineer-Quality in Burj Khalifa Tower Project, Dubai with Samsung JV.

He is a postgraduate engineer in Civil from UVCE, Bangalore and having a Post-Doctoral degree in Civil Engineering. He also have master degree in Computer Applications from IGNOU, New Delhi. He has worked as Vice President-Quality in Ozonegroup, Builders, Bangalore and as a Deputy General Manager-Quality in Mantri Developers Bangalore. Before joining Azmeel Contracting Company, KSA, he has worked as Professor and Principal in HMSIT, Tumkur. He is an author of more than 48 research papers and 21 books in various disciplines. He is a TUV-NORD certified Lead Auditor Quality Management System, accredited Project Management Professional.

Dr. Rajendra Prasad is a recipient of many awards and certificates:

1. **Best Engineer & Safety Man of the Month**, Samsung Corporation, Burj Dubai Tower, Dubai
2. **Commendation certificate** from SIT, Tumkur for not availing a single day CL for 7 years: 1995, 1998, 1999, 2000, 2001, 2002, 2003
3. **Best Student award** – PGDCA
4. **Commendation Certificates for conducting Free Coaching Classes**: 2008-09, Sept 2003
5. **Kannada Rajyotsava Life Time Achievement Award**, Mayura Kannada Vedike, Tumkur, Nov, 2013
6. **Dr. Abdul Kalam Life Time Achievement Award**, International Institute for Social and Economic Reforms, Bangalore, 25<sup>th</sup>, July 2014

He is having the following Memberships:

- Member Saudi Council of Engineer, Saudi Arabia
- Life Member Indian Institute of Engineer, India
- Life Member Indian Concrete Institute, India
- Life Member Institution of Engineers.
- Life Member Indian Society for Technical Education.
- Life member Kannada Nudi, Kannada Sahitya Parisith, Karnataka

Number of Citations: 05

Invited Talks: 04

Resource person for Workshops: 21

Reviewer/Referee: 1. Computers and Concrete, 2. International Journal Indian Journal of Science and Technology, 4. SCIENCEDOMAIN international Journal.

Workshops/Training attended: 31Nos.

Text Books Authored/Co-authored 21 nos.: Co-authored -09, Authored - 12

M.E / M.Tech Dissertations Guided: 19 Nos.

Ph.D Guiding: 01



**ACS COLLEGE OF ENGINEERING**

**BENGALURU – 74**

**Feedback form For International Seminar on**

***“Quality Management Systems***

***(ISO 9001:2015 Construction quality)”***

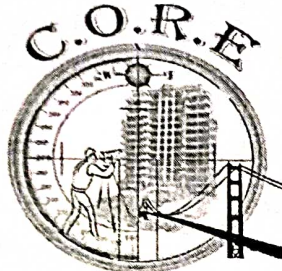
SINo.	Questionare	Very good(5)	Good(4)	Satisfactory(3)	Unsatisfactory(2)	Poor(1)
1	Was the technical talk/seminar interesting?		✓			
2	Was it helpful for improving your technical knowledge?			✓		
3	Was the topic relevant to your subject area?					
4	Was the presenter able to reach you?		✓			
5	What concept did you grasp from this talk?			✓		
6	Comment	Very good for understanding Management				





**ACS**  
**College of Engineering**  
Bangalore

**Department of Civil Engineering**



DEPT OF CIVIL ENGINEERING.

Cordially invites you to the

**Invited Entrepreneurship Seminar**  
On

***WECON (Women Entrepreneurship Conclave)***

By

**Prof. Gayathri G**  
ACSCE, Bangalore

**Date:** 3<sup>rd</sup> -4<sup>th</sup> Sept 2018 **Time:** 10:30 AM

**Venue:** Seminar Hall 2 (Second Floor)

**HOD, Faculty Members, Staff and Students**  
**Department of Civil Engineering**



# **ACS COLLEGE OF ENGINEERING**

## **WECON-WOMEN ENTREPRENEURSHIP CONCLAVE**

**LOCATION:** Jain University.JGI Global Campus , Kanakapura

**DATE:** 03/09/2018 AND 04/09/2018

**Sponsoring Organization(s):**

All India Council For Technical Education(AICTE) and International Institute of Waste Management (IIWM)

**Contact Number:**+91 8025599079


**E-mail:** [events@iiwm.in/info@wecon.in](mailto:events@iiwm.in/info@wecon.in)

### **REPORT**

On 3<sup>rd</sup> and 4th September 2018, the All India council for Technical Education (AICTE) and International Institute of Waste Management (IIWM) sponsored the WECON (WOMEN ENTREPRENEURSHIP CONCLAVE), which focused on convergence of 3500 plus aspiring women entrepreneurs in waste management and inspiring the next generation of women to be empowered.

On 3<sup>rd</sup> September, initially we registered our names and then we attended online test mainly based on personality inventory and cognitive ability. At same time, the conference was open to the public and approximately 2000 people were in attendance. During the conference attendees shared opinions , thoughts and suggestions for consideration during upcoming Women Entrepreneurship conclave

Post lunch i.e second session of the first day, the guest discussed about types of incubators and how to start up as an Entrepreneur.

  
HOD  
Dept. of Civil Engg.  
ACS College of Engineering  
Bangalore - 560 074.



- Partial service incubators
- Full service incubators

The discussion also extended about the requirements for an entrepreneur.

The key components are as follows.

- Willingness
- Identify your problem statement which is solvable
- The purpose should be useful for society
- Skill empathy ,planning and execution
- Identify your core team members
- Start small , then grow , then scale and then check your finance

On 4<sup>th</sup> September, second day of the conference, the chief patrons inaugurated the National Women Entrepreneurship Conclave 2018

A visit to the Jain University Incubation Centre (Juincubator), VRROK was an added advantage and a practical exposure to all of us. Later they felicitated the Eminent Women in Waste Management. Few of them are Kausarbanu, an e-waste Entrepreneur, Smt Leelavathi, a para Olympian, Saroja Bakley, recyclist of human hair, Naina Sha, director of Eco paradine system, Chaya Prabu, director Lagoo udyog Bharath and Chitra Rajan, a biogas generationist (biogas cylinder supplier to Harohalli industrial area). Photos of the same event is attached.

The guest speaker Smt. Madhuri sahasrabudhe, chairperson, Foundation for Holistic development in Academic Field, spoke about entrepreneurship and the empowerment for the next generation. Dr. N.K Krishnan discussed about e-garbage and e-waste, its methods of disposal and waste minimization. He added about importance of skill development course.

This was followed by the inaugural address by the guest of honor Mr. Jerin. The gathering was highly motivated and inspired by the entrepreneurial speech & that everyone would have developed innately.

The session was concluded with the release of the Mentors directory and the importance of mentors in day to day life was made known.



Post lunch in second session, we had technical talk on Entrepreneurship in waste management and financial empowerment for entrepreneurship development in waste management. There was also an open house interaction with the established Entrepreneur which was an added gesture to the entire program. A women Entrepreneurship project by Indian institute of waste management was also presented which soaked thousands of innovative ideas in young minds. This was followed by poster presentations. The program was concluded by valedictory function.

#### Highlights of Wecon

- Technical know-how and potential of green technologies and waste management entrepreneurship possibilities.
- Exposure about various funding avenues.
- Financial independence.
- Motivation of women students to become empowered.
- Encouraging innovation in Waste management sector which help in with cost effective clean in India.

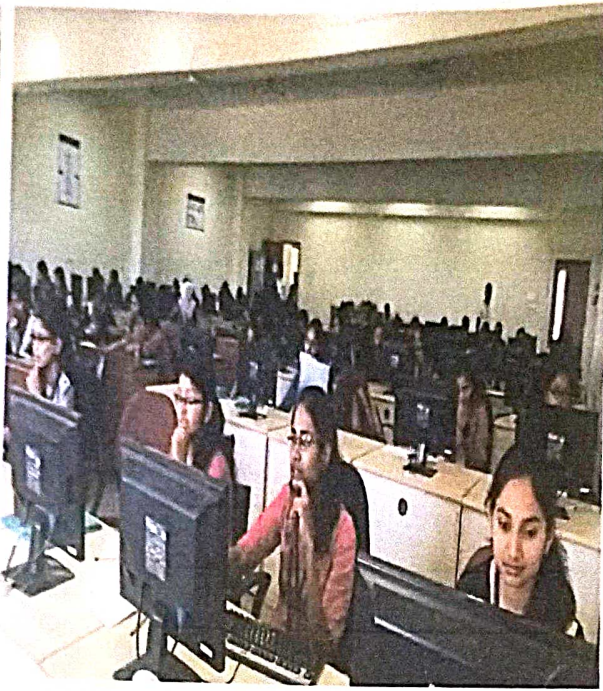
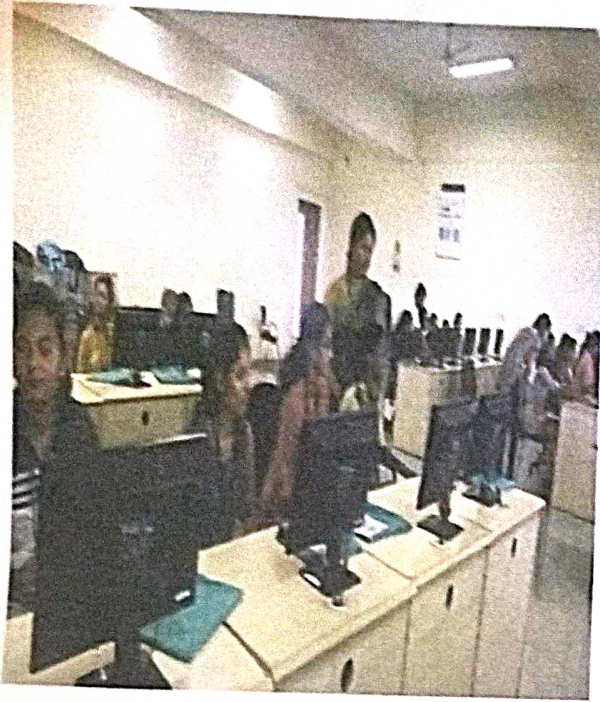
The conference was highly inspirational, innovative and extremely professional which made us all knowledgeable in nature conservation.

Looking forward to attend many such clear and concise workshops and conferences. I thank whole heartedly the management of RRGi on giving us this opportunity for participating in this international conference.

#### Members attended

Gayathri G Asst. Professor department of Civil engineering and 22 girl students from all departments.





Online Test for Students







**Wecon Conference**



**Poster Presentation**





**Chief Guest Speech**



**Felicitation to Women Entrepreneurs**