

Inclusion and Situatedness (10)

7.1.10 Number of specific initiatives to address locational advantages and disadvantages during the last five years (5)

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students
2018-19	1		21/08/2018	Taking the locational advantage of Situatedness near Butibari Industrial Estate arranged Industry person Guest Lecture on "Wonders of Concrete and Role of Civil Engineer" for 3rd,5th & 7th semester students of Civil Engineering department. By Inviting Mr. Pradeep Barange, Sr. Manager, Ambuja Cement, Nagpur	Advance Concrete and its applications	105
	1		22/03/2019 to 23/03/2019	Taking the locational advantage of Situatedness near International Airport the International Conference ICIRSET-19 is arranged	Sharing of knowledge	105
	1		20/05/2019	Taking the locational advantage of Metro Construction the Guest Lecture on "Double Decker Metrorail Bridge" for 3rd,5th & 7th semester students of Civil Engineering department by inviting Dr. K. C. Tayade, QA Incharge, Metrorail Corporation, Nagpur	Classification of Double Decker Metrorail Bridge	108
	1		7/8/2018	Taking the locational advantage Situatedness near Hingna the department of Civil Engineering students of 3rd semester visited RMC Batching Plant, Hingna, Nagpur	showing working of Batching plant	110

2017-18	1		23/02/2018 to 24/02/2018	Taking the locational advantage of Situatedness near International Airport the International Conference ICIRSET-18 is arranged	Sharing of knowledge	90
	1		20/05/2017 to 20/06/2017	Taking the locational advantage of Situatedness near Butibari Industrial Estate the Department of Civil Engineering students of 6th semester went for Internship	Internship	45
	1		12/9/2017	Taking the locational advantage of Situatedness near Butibari Industrial Estate to build various quarters at industrial area the Guest Lecture on "The Basic Structures in Civil Engineering" for 3rd, 5th, & 7th semester of Civil Engineering department by Mr. Chetan Khapekar, Manager, Dream Knowledge Technology, Nagpur	Scope of civil Engineering	110
	1		20/02/2017	Taking the locational advantage of Situatedness near Pench one Day Industrial Visit of 4th & 6th Semester student at Pench Hydro Electric Project, Pench	Practical Knowledge of Electrical Engineering sector	100
	1		16/01/2018	Taking the locational advantage the Guest Lecture on "Advances in surveying and mapping technology" for civil engineering students by Dr. Sandeep Shrikhedkar, Director, Imagis Software Park Nagpur.	Application of Advances in surveying and mapping technology	110
	1		6/3/2018	Taking the locational advantage the guest lecture on "Building Information Modeling (BIM)" by Ms. Yashika Neral, Sr. Faculty for Design Engineer Software, ASTRAL Informatics Pvt. Ltd	Recent trends in BIM	41

2016-17	1		17/02/2017 to 18/02/2017	Taking the locational advantage of Situatedness near International Airport the International Conference TechEd-17 is arranged	Exchange of knowledge	72
	1		13/09/2016	Taking the locational advantage of Situatedness near Butibari Industrial Estate the Guest Lecture arranged on "Latest Trends in Civil Engineering" for 3rd, 5th, & 7th semester of Civil Engineering department by inviting Er. Preeti Shukla, Trainer, CADD Training Services, Nagpur.	Scope of civil Engineering	95
	1		12/8/2016	Taking the locational advantage of Situatedness near MIHAN Industrial Hub the Guest Lecture arranged on " Role & Opportunites of Civil Engineer in Government Sector" for 3rd, 5th, & 7th semester of Civil Engineering department by inviting Er. Er. Ashish Thakur Manager, Inspiring, Creativity & Endeavour Institute, Nagpur.	Career after Engineering and higher studies in Government sector	110
	1		30/08/2016	Taking the locational advantage of Situatedness near Butibari Industrial Estate & Highway the guest lecture arranged "Highway and Structures in Transportation Engineering" for 3rd, 5th, & 7th semester of Civil Engineering department by inviting Er. Karan Singh, Structural Engineer, D. P. Jain Infrastructure, Pvt. Ltd Nagpur.	Importance of Hiways and structure	109
	1		22/01/2016 to 23/01/2016	Taking the locational advantage of Situatedness near International Airport the International Conference TechEd-16 is arranged	Exchange of knowledge	92

2015-16	1		18/07/2015	Taking the locational advantage of Situatedness at lush Green Campus and nera Mihan Industry Hub the Guest Lecture arranged on “Equipment Required For Gathering Climatologically Data” for 3rd, 5th, & 7th semester of Civil Engineering department by inviting Er. N. Z Baisware, Sr. Engineer, Hydro Project Division, Mihan Nagpur	Application of equipments	110
	1		9/2/2015	Taking the locational advantage of Situatedness near Butibari Industrial Estate the Guest Lecture arranged on “Let’s Explore the Concrete” for 3rd, 5th, & 7th semester of Civil Engineering department by inviting Er. Uday Bisen Senior Manager, Technical Services, Ambuja Cement Ltd., Nagpur	Importance of Concrete	110
2014-15	1		22/04/2015 to 23/04/2015	Taking the locational advantage of Situatedness near International Airport the International Conference TechEd-15 is arranged	Sharing of knowledge	68
	1		15/07/2014	Taking the locational advantage of Situatedness near Butibori the one Day Industrial Visit is arranged for 3rd Semester student of Electrical Engineering at 33 KV Substation, Butibori, Nagpur	Practical Knowledge of Electrical Engineering sector	58
	1		22/08/2014	Taking the locational advantage the guest lecture on "Create & Conquer Concrete” for students of Civil Engineering by Er. Gajendra Godle MaCX RSO Coach (Mew) Ambuja Cement’s Ltd. Nagpur,	Use of Create & Conquer Concrete	59
	1		9/9/2014	Taking the locational advantage the guest lecture on “Advances in steel structures” by Structural Designer and Consultant, Er. Satish Raipure	Advances of Steel structures	102



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7.1.10 Inclusion and Situatedness (10)

- Number of specific initiatives to address locational advantages and disadvantages during the last five years (5)

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Date: 21st August 2018

Report on

Guest Lecture : “Wonders of Concrete and Role of Civil Engineer”

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic “Wonders of Concrete and Role of Civil Engineer” by Mr. Pradeep Barange, Sr. Maneger, Technical Services, Ambuja Cement Ltd., Nagpur

Aim:

To understand the Wonders and role of concrete technology applications.

Objective:

1. To make the students aware of concrete technology.
2. To know how about the recent trends in civil engineering, this will be helpful for future.
3. To motivate students to select and design projects on concrete technology.

Lecture Details:

Mr. Pradeep Barange, explained in this session about his knowledge in Concrete Technology and vast probabilities in this field of application. An introduction to concrete and its composition was given. The functions of the ingredients of concrete and the various types of concrete were briefly explained. The importance of OPC and PPC was highlighted. He discuss with students about past project which were successfully implemented all over the world and current status of structural project developments in India. After that brief details of new technologies used at site with proper examples. He also shares knowledge of RMC plant and software used in civil engineering. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to leans about

1. Engineering knowledge.
2. Problem Analysis.
3. Design/ Development of Solutions.
4. The Engineer and society.
5. Individual and team work.
6. Project Management and Finance.
7. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thanks Mr. Pradeep Barange, for accepting our invitation and delivering a informative guest lecture on topic.



Mr. Pradeep Barange, Sr. Manager, Ambuja Cement, Nagpur delivering a informative lecture

[Handwritten Signature]
21/2/18
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Department of Civil Engineering
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 Principal
 Tulsiramji GaiKWad-Patil College of
 Engineering & Technology,
 Nagpur



Date: 17th September 2018

Report on

Guest Lecture: "Double Decker Metrorail Bridge"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Double Decker Metrorail Bridge" by Dr. K. C. Tayade Dy. General Manager Quality Control, Maharashtra Metro rail Corporation Limited, Nagpur

Aim:

To understand the Double Decker Metrorail Bridge.

Objective:

4. To make the students aware of Double Decker Metrorail Bridge.
5. To know how about the recent trends in civil engineering, this will be helpful for future.
6. To motivate students to select and design projects on Double Decker Metrorail Bridge.

Lecture Details:

Dr. K.C.Tayade elaborated the topic "Double Decker Metrorail Bridge". Also they focused on construction of double Decker Bridge & their working principle, their uses & function in the fields of civil engineering. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

8. Engineering knowledge.
9. Problem Analysis.
10. Design/ Development of Solutions.
11. The Engineer and society.
12. Individual and team work.
13. Project Management and Finance.
14. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the

basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Dr. K.C.Tayade for accepting our invitation and delivering a informative guest lecture on topic.



Prof. Aasif Sheikh welcome the guest Dr. K. C. Tayade, QA Incharge, Metrorail Corporation, Nagpur

17/2/18
Ashedky
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Department of Civil Engineering

Date: 8th August 2018

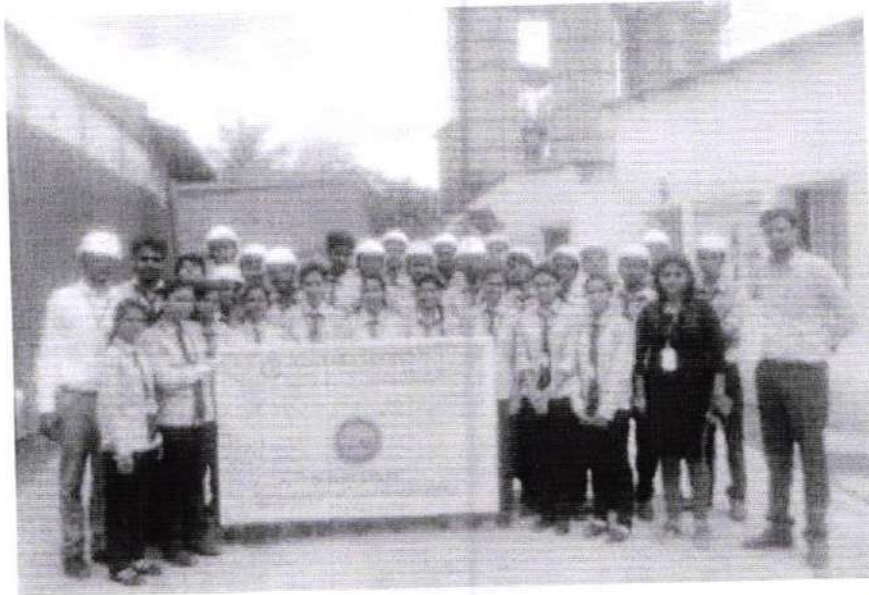
Report on

Educational Tour at RMC Batching Plant at Hingana, Nagpur

The students of 3rd semester Civil Engineering Department of Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur on 7th Aug 2018 visited **RMC Batching Plant at Hingana, Nagpur** under their site training program recently. During the visit students explored the practical application of Ready Mix Concrete and different components of Batching Plant that which is a part of their syllabus. Students were amazed to observe the working system of the Plant. Their inquisitive behavior on the same made them co-relate their theoretical knowledge with practical experience.

Er. Abhinay Raul, Executive - QC, RMC (India) explained the students about the different components of Batching Plant and the functions of various units. They also guided them with the various techniques to deal in the corporate world, enhancing their capabilities for their better future.

Dr. Mohan Gaikwad Patil, Chairman GPG; Prof. Sandeep Gaikwad, Treasurer GPGI; Dr. Geeta Padole Gaikwad, Director Admission, GPGI; Dr. Prabha Nair, Vice-Principal, TGPCET, Prof. Amey Khedikar, Head of Department, TGPCET; encouraged the students for visit. Prof. Shital Navghare and Prof. Kunal Gyanchandani from department of Civil Engineering accompanied the students.



RMC Batching Plant with students

(A. Khedikar)
8/8/18
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



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Nagpur



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Date:- 07/11/2017

TO WHOM IT MAY CONCERNED

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We found him sincere, hardworking, technically sound and result oriented. He worked well as a part of a team during his tenure we wish him all the best for his future.

PRAFUL DESHMUKH & Co.

AUTHORIZED SIGNATORY

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Engineering & Technology,
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This is Certify that

*Mr. Yuvraj T. Mazgale as Successfully completed his/her
Training or Project entitled commercial building of Mr. Ashok Kumar
Under our Organization from 08/06/2017 to 07/07/2017*

*During his presence hi was found to be sincere, hardworking
& good moral Character with positive attitude towards his work.*

Date : 12/07/2017
Place : Nagpur

True Copy Attest.

Principal
Yusiramji Gaikwad-Patil College of
Engineering & Technology,
Nagpur



Date: 12th September 2017

Report on

Guest Lecture: "The Basic Structures in Civil Engineering"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "The Basic Structures in Civil Engineering" by Mr. Chetan Khapekar, Chief operating officer, Dream Knowledge Technology, Nagpur

Aim:

To understand the Basic Structures in Civil Engineering.

Objective:

7. To make the students aware of Basic Structures in Civil Engineering.
8. To know how about the recent trends in civil engineering, this will be helpful for future.
9. To motivate students to select and design projects on Basic Structures in Civil Engineering.

Lecture Details:

Mr. Chetan Khapekar elaborated the topic "The Basic Structures in Civil Engineering". Also they focused on various types of career options and opportunities. Basic structure knowledge is important to build up high rise building. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

15. Engineering knowledge.
16. Problem Analysis.
17. Design/ Development of Solutions.
18. The Engineer and society.
19. Individual and team work.
20. Project Management and Finance.
21. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the

basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Mr. Chetan Khapecar for accepting our invitation and delivering a informative guest lecture on topic.



Mr. Chetan Khapecar accepting remuneration for guest lecture

(Signature) 12/9/17
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T.Nagpur.

**Report of Industry Visit at Pench Hydro Electrical Project, Pench.**

Date:-20.02.2017

Aim: To conduct a mapping test on Visit of Pench Hydro Electrical Project, Pench on "20th February 2017".

Objective:

1. To give the students basic concepts of Hydro Electrical Project.
2. To impart students about specifications and construction of Hydro Electrical Project.

Methodology:

1. The students are given induction about the visit. They were briefed about the objective of organizing such type of visits.
2. Students from third & final year of the Electrical Engineering Branch were selected for the visit.
3. Students were asked knowledge based questions on to know about the visit by searching it in the media. They were also asked to search the answer why such events are arranged by the organizing body.
4. Multiple Choice Questions based on the visit is prepared to check whether the visit was fruitful or not.

Outcome:

1. It is observed by the faculty co-ordinator that the students utilized the travel time to reach the destination in searching the details of the event and know about the history of the place.
2. Students curiously went to every project, learnt the concept of the project and also asked few questions to the projectees present with their projects.
3. The students were proud to know that our country is in the forefront to use the technology.
4. Pench Hydroelectric Project (Totladoh Power Plant) is erected at the Pench river of Nagpur district in Maharashtra. The power project is commissioned in 1986 with an approved and installed capacity of 160 MW. The Power Station is completed in Totladoh Dam, which is a rockfill and concrete dam. The type of project is Major, since the capacity is greater than 25 MW. The status of power house is operational. The hydroelectric basin of power project is Godavari River. The power station is situated at the Western Hydroelectric region of the country.



Mapping of Industrial Visit with PO:

This Industrial Visit helped students to learn about

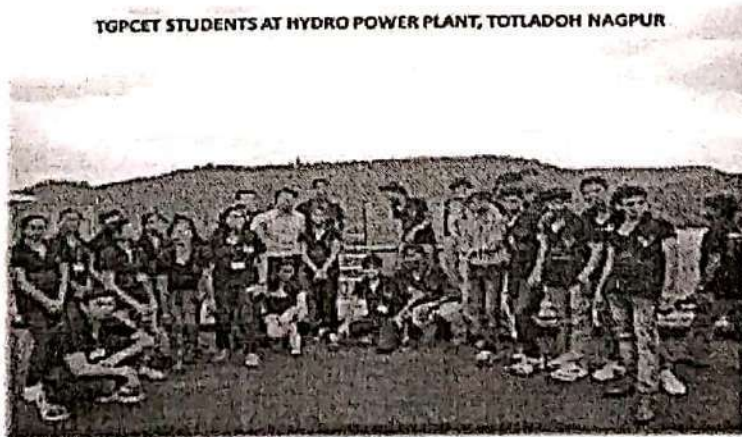
- 1) Engineering Knowledge
- 2) Design/ development of solutions.
- 3) Conduct investigation of complex problems
- 4) Modern tool usage
- 5) The engineer and society
- 6) Individual and team work
- 7) Lifelong learning

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3		3		3	2		3		3	3

Conclusion:

The educational tour concluded with vote of thanks. One of the students proposed a vote of thanks to all delegates, Organizing and Technical Committees for smooth conduct and huge success of one day industrial visit organized at Hydro Power Plant, Totladoh, Nagpur. The one day industrial visit was nicely and successfully managed by an active faculty member of the department Prof. Ganesh Wakte & Prof. Ashvini Admane.

TGPCET STUDENTS AT HYDRO POWER PLANT, TOTLADOH NAGPUR



Ashvini
Visit Co-ordinator

Houjunnif
HoD, EE
HOD



Date: 16th January 2018

Report on

Guest Lecture: "Advances in surveying and mapping technology"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Advances in surveying and mapping technology" by Dr. Sandeep Shrikhedkar, Director, Imagis Software Park Nagpur.

Aim:

To understand the Advances in surveying and mapping technology.

Objective:

10. To make the students aware of Advances in surveying and mapping technology.
11. To know how about the recent trends in civil engineering, this will be helpful for future.
12. To motivate students to select and design projects on Advances in surveying and mapping technology.

Lecture Details:

Dr. Sandeep Shrikhedkar elaborated the topic "Advances in surveying and mapping technology". Also they focused on various types of surveying methods, its requirements and use of GIS & GPS technology in the fields of civil engineering. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

22. Engineering knowledge.
23. Problem Analysis.
24. Design/ Development of Solutions.
25. The Engineer and society.
26. Individual and team work.
27. Project Management and Finance.
28. Communication.
29. Ethics.

Outcome of Lecture:

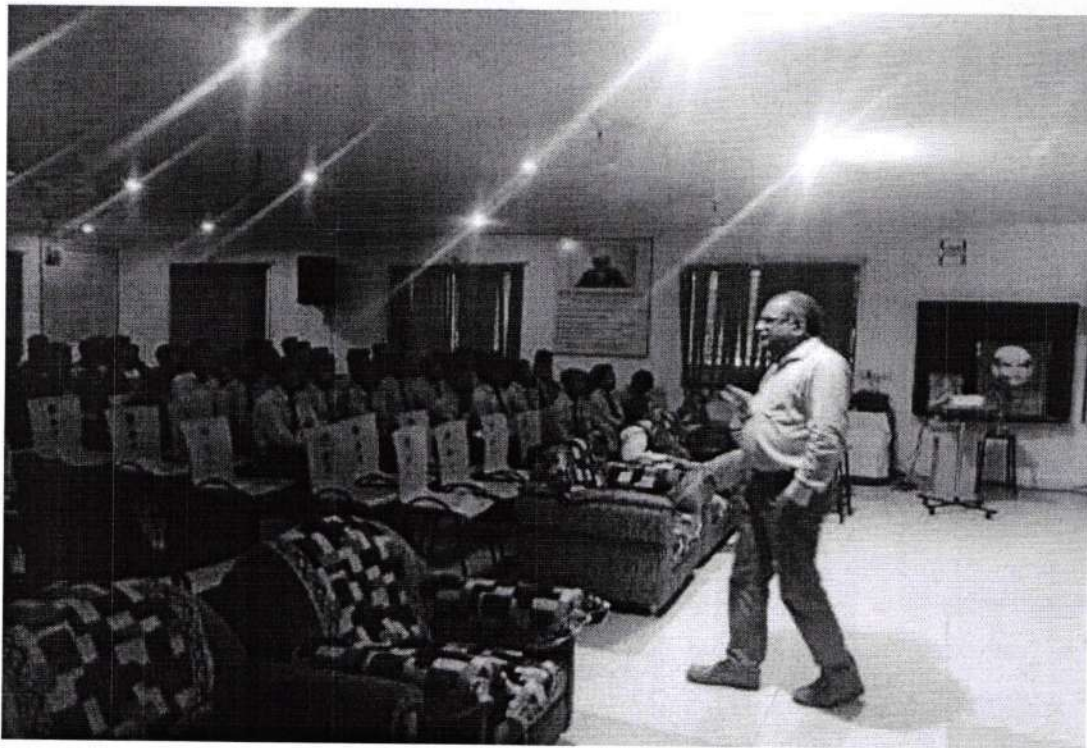
Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently. Students understand Engineer responsibility to society is not only bringing new technology, discoveries and design to the world but also, protecting the public interest.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Dr. Sandeep Shrikhedkar for accepting our invitation and delivering a informative guest lecture on topic.



Dr. Sandeep Shrikhedkar delivering lecture

[Handwritten Signature]
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T.Nagpur.



Date: 06th March 2018

Report on

Guest Lecture: Expert Lecture on "Building Information Modeling (BIM)"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Building Information Modeling (BIM)" by Ms. Yashika Neral, Sr. Faculty for Design Engineer Software, ASTRAL Informatics Pvt. Ltd. in association with IEI.

Aim:

To understand the Building Information Modeling.

Objective:

1. To make the students aware of Building Information Modeling.
2. To know how about the recent trends in civil engineering, this will be helpful for future.
3. To motivate students to select and design projects on Building Information Modeling.

Lecture Details:

Ms. Yashika Neral, Sr. Faculty for Design Engineer Software, ASTRAL Informatics Pvt. Ltd. in association with IEI. Ms. Neral provided the information about the "Building Information Modeling (BIM)" and discuss about various software demands for Planning and Designs of construction works. She organized a Quiz competition and winners awarded by reward. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

1. Engineering knowledge.
2. Problem Analysis.
3. Design/ Development of Solutions.
4. The Engineer and society.
5. Individual and team work.
6. Project Management and Finance.
7. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Ms. Yashika Neral for accepting our invitation and delivering a informative guest lecture on topic.



Ms. Yashika Neral with faculty of Civil Engineering Department

[Handwritten Signature]
3/18
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Department of Civil Engineering
T.G.P.C.E.T.Nagpur.



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TechEd-17



International Conference TechEd-17

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Engineering & Technology,
Nagpur



Date: 13th September 2016

Report on

Guest Lecture: "Latest Trends in Civil Engineering"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Latest Trends in Civil Engineering" by Er. Preeti Shukla, Trainer, CADD Training Services, Nagpur.

Aim:

To understand the Latest Trends in Civil Engineering and their applications.

Objective:

13. To make the students aware of Latest Trends in Civil Engineering.
14. To know how about the recent trends in civil engineering, this will be helpful for future.
15. To motivate students to select and design projects on Latest Trends in Civil Engineering and tell the students to do projects in software for analysis and design.

Lecture Details:

Er. Preeti Shukla elaborated the topic "Latest Trends in Civil Engineering". Also they have conducted a quiz competition for all students called Engineeria- A National Level Quiz for Emerging Engineers, in the same session students get the knowledge of General as well as Technical Aptitude Test. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

30. Engineering knowledge.
31. Problem Analysis.
32. Design/ Development of Solutions.
33. The Engineer and society.
34. Individual and team work.
35. Project Management and Finance.
36. Communication.
37. Modern tool usage.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently. Students understand the software usages at time of analysis and design.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Preeti Shukla for accepting our invitation and delivering a informative guest lecture on topic.



Er. Preeti Shukla delivering lecture


12/2/16
S.K. Bhodke
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



Date: 12th August 2016

Report on

Guest Lecture: "Role & Opportunities of Civil Engineer in Government Sector"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Concrete Technology" by Er. Ashish Thakur, Manager, Inspiring, Creativity & Endeavour Institute, Nagpur.

Aim:

To understand the concrete Role & Opportunities of Civil Engineer in Government Sector.

Objective:

16. To make the students aware of Role & Opportunities of Civil Engineer In Government Sector.
17. To know how about the recent trends in civil engineering, this will be helpful for future.
18. To motivate students to do the job in government sectors.

Lecture Details:

Er. Ashish Thakur elaborated the topic "Role & Opportunities of Civil Engineer in Government Sector". Also they focused on various types of career options and opportunities after graduation and its requirements also the application of Post Graduation in various fields of civil engineering. In the same session students cleared their doubts regarding the various qualifying competitive examinations. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

38. Engineering knowledge.
39. Problem Analysis.
40. Design/ Development of Solutions.
41. The Engineer and society.
42. Individual and team work.
43. Project Management and Finance.
44. Communication.
45. Conduct investigations of complex problems.

Outcome of Lecture:

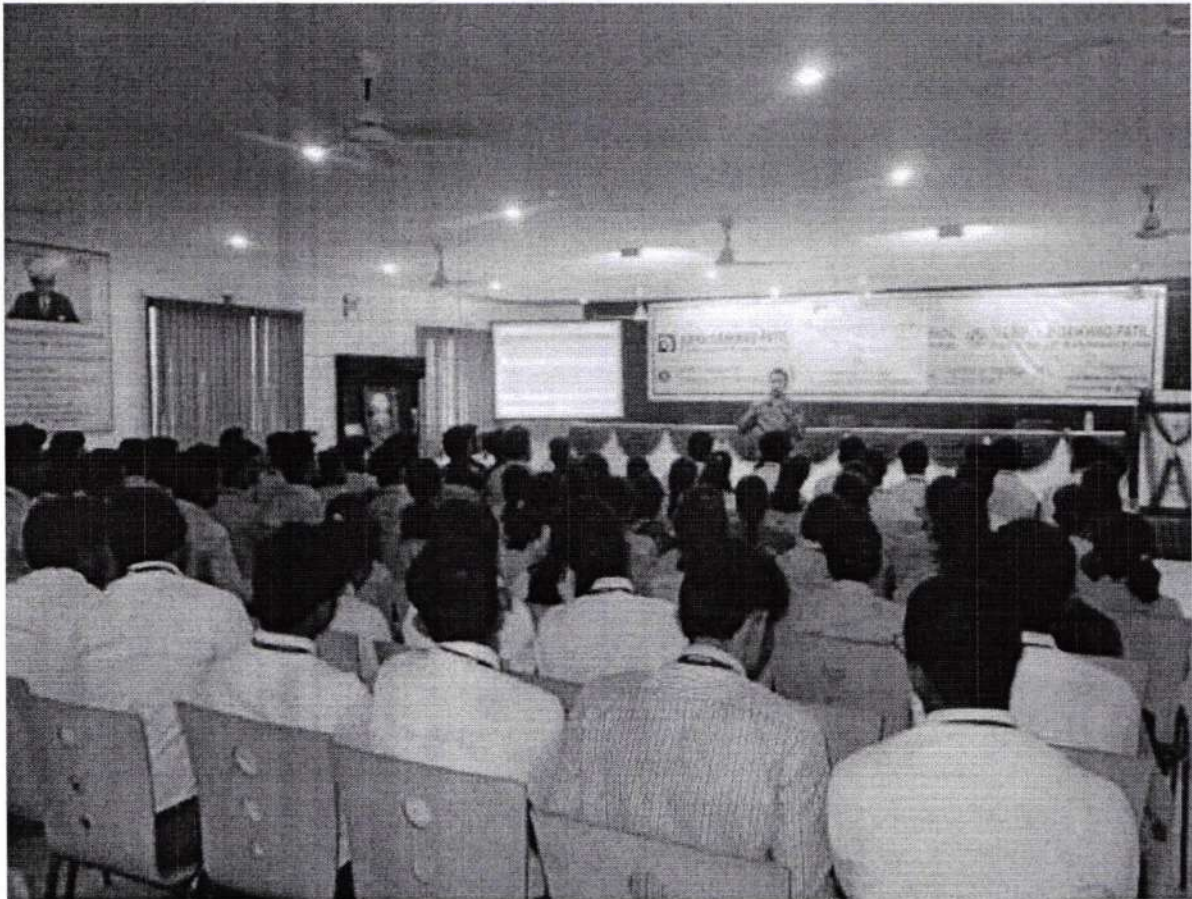
Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently. Students communicated with guest and clear their doubts. Students understand the government exam and their roles in government sectors and solve the students' complex problem related to government sectors.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Ashish Thakur for accepting our invitation and delivering a informative guest lecture on topic.



Er. Ashish Thakur delivering lecture


H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



Date: 30st August 2016

Report on

Guest Lecture: "Highway & Structures in Transportation Engineering"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Highway & Structures in Transportation Engineering" by Er. Karan Singh, Structural Engineer, D. P. Jain Infrastructure, Pvt. Ltd Nagpur.

Aim:

To understand the Highway & Structures in Transportation Engineering.

Objective:

19. To make the students aware of Highway & Structures in Transportation Engineering.
20. To know how about the recent trends in civil engineering, this will be helpful for future.
21. To motivate students to select and design projects on Highway & Structures in Transportation Engineering.

Lecture Details:

Er. Karan Singh elaborated the topic "Highway & Structures in Transportation Engineering". Also they focussed on Special Highway Structures which deals with the details of pavements. In the same session students cleared their doubt regarding the various methods and technology available for pavement construction. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

46. Engineering knowledge.
47. Problem Analysis.
48. Design/ Development of Solutions.
49. The Engineer and society.
50. Individual and team work.
51. Project Management and Finance.
52. Communication.
53. Ethics

Outcome of Lecture:

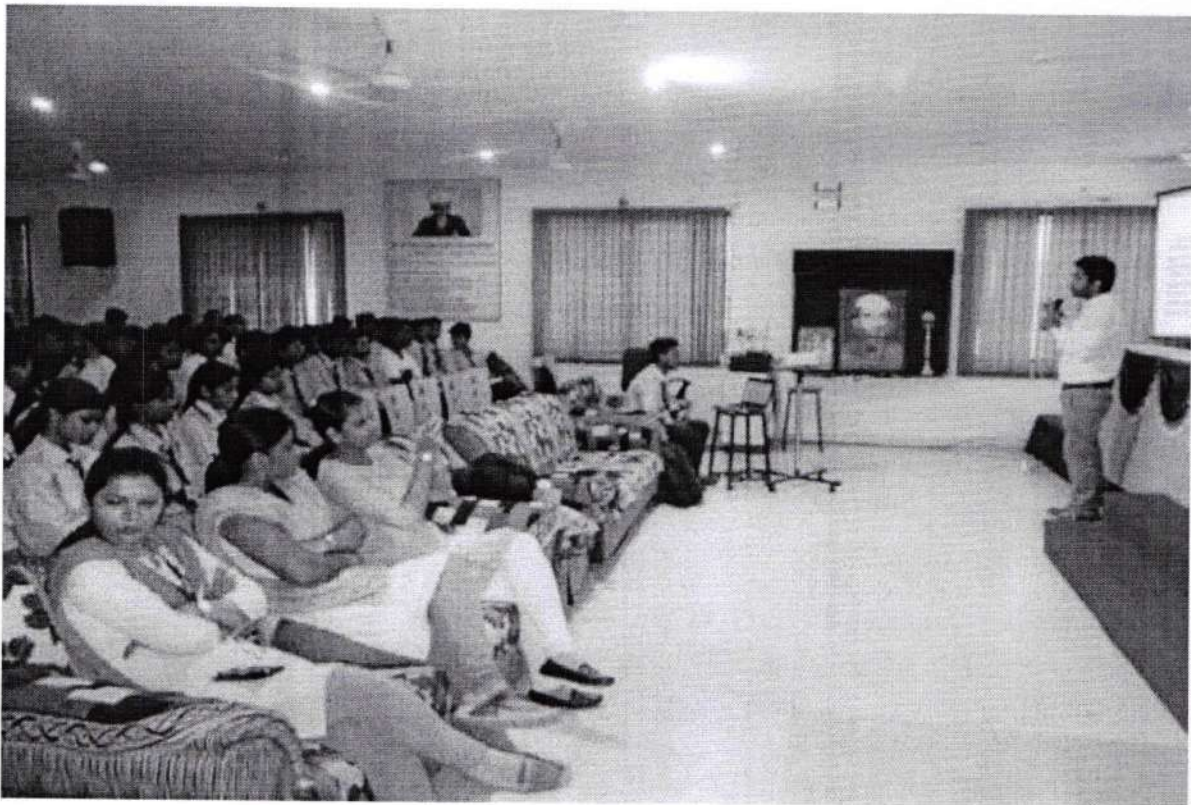
Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently. Students understand Engineer responsibility to society is not only bringing new technology, discoveries and design to the world but also, protecting the public interest.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Karan Singh for accepting our invitation and delivering a informative guest lecture on topic.



Er. Karan Singh delivering lecture


H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108

TechEd-16



International Conference TechEd-16

<http://www.tgp cet.com/DVV-Clarification/6/IC-Report/2015-16.pdf>

True Copy Attest.

Principal
Tulsiramji Gaikwad-Patil College of
Engineering & Technology,
Nagpur



Date: 28th July 2015

Report on

Guest Lecture: "Equipment Required For Gathering Climatological Data"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Equipment Required for Gathering Climatological Data" by Er. N. Z. Baisware, Senior Sectional Engineer at Hydro Power Station,

Aim:

To understand the Equipment Required for Gathering Climatological Data.

Objective:

22. To make the students aware of Equipment Required for Gathering Climatological Data.
23. To know how about the recent trends in civil engineering, this will be helpful for future.
24. To motivate students to select and design projects on Environmental studies and water treatment plant etc.

Lecture Details:

Er. N. Z. Baisware elaborated the topic "Use of Strain Gauge in Measurement of Climatological Data" various types of strain gauge and its uses to specialized purpose. Also they focused on various types of instruments and its Design criteria also the use of Software's to specialised structure. In the same session students cleared their doubts regarding the theory and practical concepts. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to learn about

54. Engineering knowledge.
55. Problem Analysis.
56. Design/ Development of Solutions.
57. The Engineer and society.
58. Individual and team work.
59. Project Management and Finance.

- 60. Environment and sustainability.
- 61. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently. The students understand the process of water treatment plant and environmental studies.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. N. Z. Baisware for accepting our invitation and delivering a informative guest lecture on topic.



Prof. M. Khamgaokar offering token of love to Er. N. Z. Baisware

M. Khamgaokar
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



Date: 09th February 2015

Report on

Guest Lecture: "Let's Explore The Concrete"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Let's Explore the Concrete" by Er. Uday Bisen Senior Manager, Technical Services, Ambuja Cement Ltd.

Aim:

To understand the Let's Explore the Concrete applications.

Objective:

25. To make the students aware of Let's Explore the Concrete.
26. To know how about the recent trends in civil engineering, this will be helpful for future.
27. To motivate students to select and design projects on concrete technology.

Lecture Details:

Er. Uday Bisen elaborated the topic "Let's Explore the Concrete" in Concrete Technology" and vast probabilities in this field of application. An introduction to concrete and its composition was given. The functions of the ingredients of concrete and the various types of concrete were briefly explained. The importance of OPC and PPC was highlighted. He discuss with students about past project which were successfully implemented all over the world and current status of structural project developments in India. After that brief details of new technologies used at site with proper examples. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to leans about

62. Engineering knowledge.
63. Problem Analysis.
64. Design/ Development of Solutions.
65. The Engineer and society.
66. Individual and team work.
67. Project Management and Finance.
68. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Uday Bisen for accepting our invitation and delivering a informative guest lecture on topic.

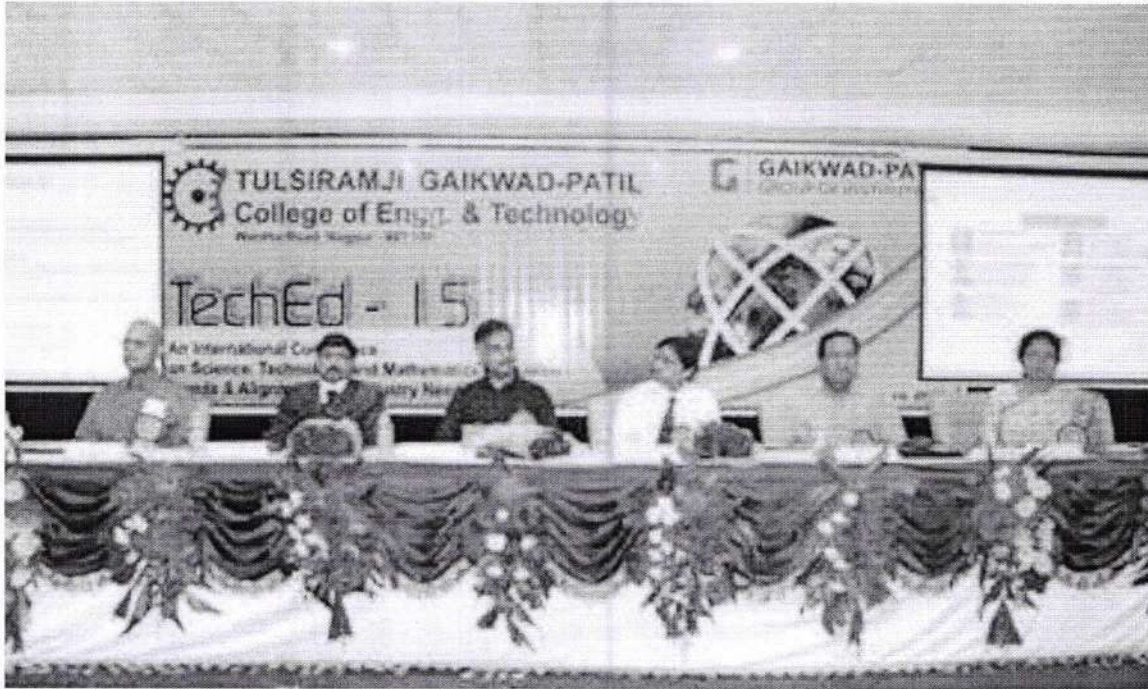



P.K. Bhadke
H.O.D.
Department of Civil Engineering
T.G.P.C.E.T. Nagpur.



Tulsiramji Gaikwad-Patil College of Engineering and Technology
Wardha Road, Nagpur-441 108

TechEd- 15



International Conference TechEd-15

<http://www.tgp cet.com/DVV-Clarification/6/IC-Report/2014-15.pdf>

True Copy Attest

Principal
Tulsiramji Gaikwad-Patil College of
Engineering & Technology,
Nagpur



Tulsiramji Galkwad-Patil College of Engineering & Technology



Wardha Road, Nagpur-441 108

Department of Electrical Engineering

Report of Visit at 33KV Substation MSEDCL, Butibori, Nagpur.

Date:-15.07.2014

Aim: To conduct a mapping test on Visit to 33 KV Substation MSEDCL, Butibori, Nagpur on "15th July 2014".

Objective:

1. To give the students basic concepts of Substation.
2. To impart students about specifications and construction of 33 kv Substation.

Methodology:

1. The students are given induction about the visit. They were briefed about the objective of organizing such type of visits.
2. Students from third year of the Electrical Engineering Branch were selected for the visit.
3. Students were asked knowledge based questions on to know about the visit by searching it in the media. They were also asked to search the answer why such events are arranged by the organizing body.
4. Multiple Choice Questions based on the visit is prepared to check whether the visit was fruitful or not.

Outcome:

1. It is observed by the faculty co-ordinator that the students utilized the travel time to reach the destination in searching the details of the event and know about the history of the place.
2. Students curiously went to every project, learnt the concept of the project and also asked few questions to the projectees present with their projects.
3. The students were proud to know that our country is in the forefront to use the technology.
4. It acts as connecting link between generating Station and consumers. Power transformers are being used to change voltage level at substation. 33 kv Substation is used to step down voltage from 33 kv to 11kv and the output is connected to feeder for local utility. The primary voltage for power transformer at 3kv substation is 33 kv which is fed from secondary transmission line. The output of power transformer 11kv is given as supply to medium and large consumers especially industries.



Tulsiramji Gaikwad-Patil College of Engineering & Technology



Wardha Road, Nagpur-441 108

Department of Electrical Engineering

Mapping of Industrial Visit with PO:

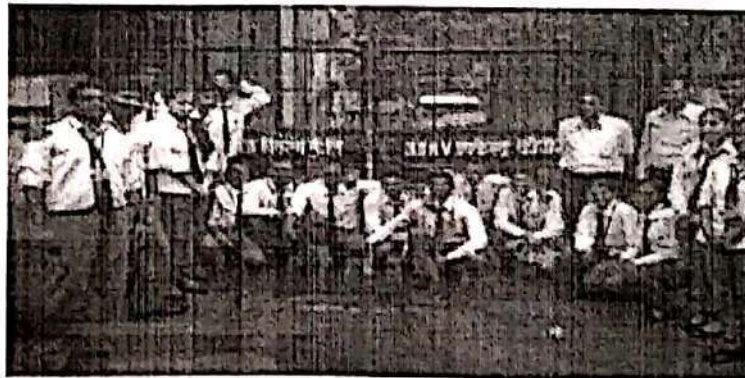
This Industrial Visit helped students to learn about

- 1) Engineering Knowledge
- 2) Design/ development of solutions.
- 3) Conduct investigation of complex problems
- 4) Modern tool usage
- 5) The engineer and society
- 6) Individual and team work
- 7) Lifelong learning

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3		3	3	2		3	2	3		2	3

Conclusion:

The industry visit concluded with Valedictory session wherein the certificates were distributed to all the participants. Mementos were also given to the Session Chairs., Asst. Engineer, 33KV Substation MSEDCL, Nagpur. One of the trainees proposed a vote of thanks to all delegates, Organizing and Technical Committees for smooth conduct and huge success of one day industrial visit at 33KV Substation MSEDCL, Nagpur. The one day industrial visit was nicely and successfully managed by a faculty member of the department.



Visit at 33/11 kv MSEDCL Substation Butibori

Haldar
HOD

Electrical Engineering
Tulsiramji Gaikwad-Patil College of
Engineering and Technology, Nagpur.



Date: 22th August 2014

Report on

Guest Lecture : "Create & Conquer Concrete"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Create & Conquer Concrete" by Er. Gajendra Godle "MaCX RSO Coach (Mcw) Ambuja Cement's Ltd." Nagpur,

Aim:

To understand the Creat & Conquer Concrete applications.

Objective:

28. To make the students aware of concrete technology.
29. To know how about the recent trends in civil engineering, this will be helpful for future.
30. To motivate students to select and design projects on concrete technology.

Lecture Details:

Er. Gajendra Godle explored the topic latest in "Concrete Technology & the Latest trends in Manufacturing of Concrete" which is now used worldwide and used in specialized structure. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to leans about

69. Engineering knowledge.
70. Problem Analysis.
71. Design/ Development of Solutions.
72. The Engineer and society.
73. Individual and team work.
74. Project Management and Finance.
75. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the

basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:


The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Gajendra Godle for accepting our invitation and delivering an informative guest lecture on topic.



Prof. S. Bhadke offering token of love to the guest Er. Gajendra Godle


H.O.D.
Department of Civil Engineering
T.G.P.C.E.T.Nagpur.



Date: 09th September 2014

Report on

Guest Lecture: "Advances in steel structures"

Introduction:

Department of Civil Engineering under ISTE Student Chapter have organized a Guest Lecture on Topic "Advances in steel structures" by Structural Designer and Consultant, Er. Satish Raipure

Aim:

To understand the Advances in steel structures applications.

Objective:

31. To make the students aware of Advances in steel structures.
32. To know how about the recent trends in civil engineering, this will be helpful for future.
33. To motivate students to select and design projects on Advances in steel structures.

Lecture Details:

Er. Satish Raipure elaborated the topic "Advances in steel structures" various types of structure and its Design criteria and use of Software to specialised structure. The job prospects in this field are also talked.

Mapping of Lecture with PO:

This guest lecture helps students to leans about

76. Engineering knowledge.
77. Problem Analysis.
78. Design/ Development of Solutions.
79. The Engineer and society.
80. Individual and team work.
81. Project Management and Finance.
82. Communication.

Outcome of Lecture:

Outcome of this lecture is analyzed by the feedback forms based on few questions and answered by students. The analysis report of Guest Lecture is attached here with. On the

basis of feedback forms it is observed that students understand to analyse the problem to reach and design or development of the solution along with managing project efficiently.

Conclusion:

The program started with opening remark of Head of the Department, Civil Engineering and Presidential Speech was given by Principal, TGPCET. The vote of thanks proposed by Program Coordinator.

Acknowledgement:

On the behalf of Civil Engineering department we sincerely thank Er. Satish Raipure for accepting our invitation and delivering a informative guest lecture on topic.



Prof. S. Bhadke offering token of love to guest Er. Satish Raipure


H.O.D.
Department of Civil Engineering
T.G.P.C.E.T.Nagpur.