

KDK College of Engineering

Department of Civil Engineering

Session 2019-20

Guest Lecture					
Sr. No.	Expert	Topic	Date	Semester	No. of Participants
1	Mr Nandkumar Mahajan, Director, Institute of Architectural Graphics	Software ETABS & its Application	11-Jul-19	V	74
2	Mr Akash Jaiswal, ICE Gate Institute, Nagpur	Career Guidance	16-Jul-19	V Sem	150
3	Mr Sachin Mankaude. GATE Forum, Nagpur	Preparation of Competitive Examination	19-Jul-19	V Sem	110
4	Mr. Mayur Parihar, Astral Informatics Pvt. Ltd.	AutoCAD 2D & 3D	29-July-19	III	115
5	Er. Deven Matte, Director Matte & Associates	Demolition Technique	30-Jul-19	III, V, VII Sem	150
6	Er. P. S. Patankar, Director, P S Patankar & Associates, Nagpur	Case Study on Structural Design Challenges	9-Sep-19	CES	250
7	Er. Udaysingh Bisen, General Maneger, Birla Gold, Nagpur	Importance of Concrete	9-Sep-19	CES	250
8	Mr. Morone, Assistant Commissioner, NMC, Nagpur	Smart City	16-Aug-19	CES	200
9	Dr. L. M. Gupta, Professor, Applied Mechanics Dept. VNIT, Nagpur	Various aspects of IS:800	3-Oct.-19	V & VII sem	190
10	Dr. Sandeep K. Shukla, Research Officer, Central Water Commission, , Nagpur	Pesticides Contamination in Water Resources & its Harmful Effect	4-Oct.-19	III & V sem	210
11	Er. Sathyamoorthy Ramesh , Chief Quality Assurance Expert, SYSTRA MVA CONSULTING (I) Pvt. Ltd., Nagpur	Quality Aspects in Mega Structures	4-Mar-20	VI & VIII	150

Expert Guest Lecture on “Software ETABS & its Application” by Mr Nandkumar Mahajan, Director, Institute of Architectural Graphics.



Department of Civil Engineering has organized Guest lecture on “**Software ETABS & its Application**” by **Mr Nandkumar Mahajan, Director, Institute of Architectural Graphics**”, Nagpur on **11th July 2019** for V sem Civil Engineering students.

Dr. N. R. Dhange had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance Dr. N. R. Dhange also introduced about the program.

During the Guest Lecture, Mr Nandkumar Mahajan, explained about the application & benefits of ETABS software. He also explained about ETABS is a computer-aided Analysis & design software program used to design buildings, bridges, roads, dams & various Civil engineering structures. He showed a 3D axonometric view of the model, plan view, elevation view of a building & also analysis & designs the building using ETABS Software. All the participated students make understand modeling, analyze & design building observed the output of software

The main Significance of lecture was,

- Importance of ETABS software
- Computer-aided Analysis & design of structure
- Creation of 3D model with the utilization of plan views and elevations
- Command in ETABS

Students of Civil Engineering have attended & more than 74 participants were present. The Guest lecture was conducted under the aegis of Civil Engineering Students Association (CESA) & ICI student chapter.

Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Professor D. S. Padole has conducted the program.

Guest Lecture by Mr Akash Jaiswal, ICE Gate Institute, Nagpur



Department of Civil Engineering has organized Expert Guest on “**Career Guidance**” **Mr Akash Jaiswal, ICE Gate Institute on 16th Jul-19** for V sem Civil Engineering students.\

Prof. D. S. Padole had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance Prof. D. S. Padole has introduced about the program.

During the lecture expert has explained about opportunities to Civil engineering students especially for the fresher students. He also nicely explained about the various competitive exams opening for civil engineering students. He also encourages the students about MPSC , UPSC & other competitive examinations.

The main Significance of lecture was, students shall be able to understand

- Importance of deep knowledge & skills for future carrier
- MPSC & UPSC Examinations for government jobs & its benefits
- Discipline & punctuality & its benefits
- Importance of Hard work, Team work & group study in Life

Students of Civil engineering students have attended & more than 55 participants were present. The guest lecture was conducted under the aegis of Civil Engineering Students Association (CESA) & ICI student chapter.

Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Expert Guest Lecture on “AutoCAD 2D & 3D” By Astral Informatics Private Ltd.



Department of Civil Engineering has organized Expert Guest on “AutoCAD 2D & 3D” by **Mr. Mayur Parihar, Astral Informatics Pvt. Ltd., Nagpur on 29th July 2019** for III sem Civil Engineering students.

Professor D. S. Padole had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Prof. R. Dhone has introduced about the program.

During the lecture experts has explained about AutoCAD is a computer-aided drafting software program used to create drawings for buildings, bridges, and other civil engineering structures very effectively & accurately. Civil draftsman’s use this software to draw plans, elevations & 3D model of structures using AutoCAD. All the participated students make understand application & importance of AutoCAD software.

The main Significance of lecture was,

- Importance of AutoCAD
- Efficiency & Accuracy of Software
- Flexibility in drawing
- Commands of AutoCAD

Students of Civil Engineering have attended & more than 115 participants were present. The Guest lecture was conducted under the aegis of Civil Engineering Students Association (CESA) & ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Expert Guest Lecture on “Demolition Technique” by Er. Deven Matte, Director Matte & Associates



Department of Civil Engineering has organized Expert Guest on “**Demolition Technique**” by **Er. Deven Matte, Director Matte & Associates., Nagpur on 30th Jul-19** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. V. Varghese had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. M. N. Umare has introduced about the program.

During the lecture Mr. Devendra Matte has explained about more reasons for demolition of a building, old structures are to be replaced by new ones. The structure lost its stability or having any structural damage. Small structures are demolished to build big structures etc. He also explains various projects undertaken & advanced demolition methodologies. Some of the completed works are Demolition of Flyover at Chhatrapati Square, Nagpur for the Metro project, demolition of ATC towers, Mumbai by using advance machineries & technology etc in very short duration with precision. He had also shared his field experience with the students.

The main Significance of lecture was,

- Purpose of demolition
- Safety measures during demolishing
- Survey of structure before demolition
- Preparation & planning for demolition

Students of Civil Engineering have attended & more than 115 participants were present. The Guest lecture was conducted under the aegis of ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Expert Guest Lecture on “Case Study on Structural Design Challenges” by Er. P. S. Patankar



Department of Civil Engineering has organized Expert Guest on “**Case Study on Structural Design Challenges**” By **Er. P. S. Patankar, Director, P S Patankar & Associates, Nagpur** on **09th Sep-19** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. A. M. Badar had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. V. Varghese has introduced about the program.

During the lecture experts have explained about different structural challenges have two faces during & before structure execution. He also explains Civil or Structural engineers need to understand and calculate the stability, strength and rigidity of built structures for buildings and non-building structures. He shares different case studies that he tackles different challenges during construction of building

The main Significance of lecture was,

- Importance of structural stability
- Equipment uses in Structural execution
- Importance of Geotechnical & Material Engineering
- Preparation & planning for Execution

Students of Civil Engineering have attended & more than 140 participants were present. The Guest lecture was conducted under the aegis of ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Professor M. N. Umare has conducted the proceedings.

Expert Guest Lecture on “Importance of Concrete” By Er. Udaysingh Bisen, General Manager, Birla Gold, Nagpur



Department of Civil Engineering has organized Expert Guest on “**Importance of Concrete**” By **Er. Udaysingh Bisen, General Manager, Birla Gold, Nagpur** on **09th Sep-19** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. A. M. Badar, Vice- Principle had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Prof. P. Randive has introduced about the program.

During the lecture experts has explained that concrete is most commonly used as the foundation for most structures. It is also used in superstructure construction through the use of structural concrete, slab construction, stair construction, and architectural features. In good concrete the ingredients must be of right proportioned, cohesive enough to be transported, placed in such a way that ingredients must not segregated from each other

The main Significance of lecture was,

- Importance of Quality of Concrete
- Curing Importance & methods
- Admixture Uses
- Mixing & future of concrete

Students of Civil Engineering have attended & more than 200 participants were present. The Guest lecture was conducted under the aegis of ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Professor A. Nikhade has conducted the proceedings

Guest Lecture on Smart City by Mr. Morone, Assistant Commissioner, NMC, Nagpur



The Civil Engineering department organized Guest Lecture on “**Smart City**” by **Mr. Morone, Assistant Commissioner, Dy.CEO Smart City, NMC, Nagpur** on dated **16th August 2019** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. D. P Singh, Principle had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. V. Varghese, Head, CED has introduced about the program.

During the lecture, expert has elaborates about various characteristics of Smart City components. How effective the Smart City project can be implemented, was elucidated by him. Development of Brown zone, various laws and solution to the hurdle in the way of implementation have been discussed. The project undertaken by NMC, have been appreciated by international bodies and personnel during his recent visit in Malaysia.

The main Significance of lecture was,

- Features of smart cities & its applications
- Innovative technologies & systems is going to be use in smart cities
- Efforts taken by Government for making smart cities
- Advantages of Smart Cities

Students of Civil Engineering have attended & more than 200 participants were present. The gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Expert Guest Lecture on “Various aspects of IS: 800” By Dr. L. M. Gupta, Professor, Applied Mechanics Dept. VNIT, Nagpur



Department of Civil Engineering has organized Expert Guest on “**Various aspects of IS:800**” By **Dr. L. M. Gupta, Professor, Applied Mechanics Dept. VNIT, Nagpur** on **3rd Oct-19** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. A. M Badar, Vice-Principle had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. V. Varghese, Head, CED has introduced about the program.

During the lecture, expert has explained the various aspects of IS 800 in brief. Design parameters, factor of safety, values of stresses, etc given in IS code was discussed by the experts. He also explains the modification in new IS 800 code as compare to the old code.

The main Significance of lecture was,

- Design of steel structures
- Codal provisions in IS 800
- Safety factors & Stresses
- Comparative study of new & old IS 800 Code

Students of Civil Engineering have attended & more than 210 participants were present. The Guest lecture was conducted under the aegis of CESA & ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Dr. N. R. Dhamge has conducted the proceedings

Expert Lecture on Pesticides Contamination in Water Resources & its Harmful Effect by Dr. Sandip Shukla, Central Water Commission, Nagpur



Department of Civil Engineering has organized Expert Lecture on **“Pesticides Contamination in Water Resources & its Harmful Effect”** by **Dr. Sandip Shukla, Central Water Commission** on dated **4th October 2019** for Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. A. M Badar, Vice Principle had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. N. R. Dhange, has introduced about the program.

During the lecture, expert has explained the effects of harmful pesticides & its contamination in water resources. He also discussed the various diseases evolves due to Contamination of Pesticides on vegetables & fruits. He explain the various ways to avoid to use of harmful pesticides & apple to the people to used of organic manure for plantations

The main Significance of lecture was,

- Environmental impact of pesticides
- Its side effects & diseases evolved
- Various ways to avoid use of pesticides
- Use of organic pesticides

Students of Civil Engineering have attended & more than 210 participants were present. The Guest lecture was conducted under the aegis of CESA & ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Guest Lecture by Mr. Sachin Mankaude, GATE Forum on Preparation of Competitive Examination



Department of Civil Engineering has organized Expert Guest on **“Preparation of Competitive Examination”** by **Mr. Sachin Mankaude., Chairman, GATE Forum, Nagpur on 19-Aug-19** for III & V sem Civil Engineering students.

Dr. B. S. Ruprai had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance Prof. D. S. Padole has introduced about the program.

During the lecture expert has explained about opportunities to Civil engineering students especially for the fresher students in Government services & its benefits. He also guides the students about the competitive exams like UPSC, MPSC & GATE. He also boost the students to start for preparation of competitive Examinations.

The main Significance of lecture was, students shall be able to understand

- Importance of deep knowledge & skills for future carrier
- MPSC & UPSC Examinations for government jobs & its benefits
- Discipline & punctuality & its benefits
- Importance of Hard work, Team work & group study in Life

Students of Civil engineering students have attended & more than 55 participants were present. The guest lecture was conducted under the aegis of ICI student chapter.

Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Professor N. R. Dhamge has conducted the proceedings.

Expert Guest Lecture by Er. Sathyamoorthy Ramesh, Chief Quality Assurance Expert, SYSTRA MVA CONSULTING (I) Pvt. Ltd., Nagpur



Department of Civil Engineering has organized Expert Guest on “**Quality Aspects in Mega Structures**” by **Er. Sathyamoorthy Ramesh , Chief Quality Assurance Expert, SYSTRA MVA CONSULTING (I) Pvt. Ltd., Nagpur on 04th March-20** for VI & VIII sem Civil Engineering students under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

Dr. D. P Singh, Principle had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Dr. V. Varghese, Head, CED has introduced about the program.

During the lecture experts has explained that concrete is most commonly used as the foundation for most structures. It is also used in superstructure construction through the use of structural concrete, slab construction, stair construction, and architectural features. In good concrete the ingredients must be of right proportioned, cohesive enough to be transported, placed in such a way that ingredients must not segregated from each other

The main Significance of lecture was,

- Importance of Quality of Concrete
- Curing Importance & methods
- Admixture Uses
- Mixing & future of concrete

Students of Civil Engineering have attended & more than 150 participants were present. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

KDK College of Engineering

Department of Civil Engineering

Session 2019-20

Workshop					
Sr. No.	Expert	Topic	Date	Semester	No. of Participants
1	Mr Nandkumar Mahajan, Institute of Architectural Graphics	One Month ETABS Classes under Continuous Education Program	16 th July to 10 th Aug-19	V sem	23
2	Dr. K. C Tayade, DGM, Maha Metro, E. Chandrashekhar, ACC, Nagpur, & Er. Parate, ACC	One week Workshop on "Concrete Mix Design-Theory & Practical"	26 th to 31 st Aug-2019	V Sem	125
3	Mrs. Vinita Virgandham, (Corporate Trainer)	Workshop on Personality Development & Communication Skills under Skill Scaling Program	27 th Dec 2019	VI Sem	50
4	Mr. Pravartan Tatte, Consultant	Workshop on Life Skills under Skill Scaling Program	28 th Dec 2019	III & VI Sem	80

One Month ETABS Classes under Continuous Education Program for V Semester Students



Civil Engineering Department of KDKCE organized **“One Month ETABS Course”** under **Continuous Education Program held by Mr. Nandkumar Mahajan, Director of Institute of Architectural Graphics, Nagpur from 19th July 2019** under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

The Head of The Department of Civil Engineering Dr. V. Varghese sir, III year Incharge Prof. Vinayak Vaidya sir, Dr. N. R. Dhange and the student committee co-ordinator Prof. Dhananjay Awacht sir were the member on the dice. The Head of the Department Dr. V. Varghese commenced and addressed the students about the importance of software in the structural field. Further on Dr. Nina Dhange Madam motivated the students about why students should learn computer aided Analysis & design

Mr. Nandkuma Mahajan was the Guest of Honour and he delivered the brief idea about the importance of E-TAB software. E-TABS are integrated software for the structural analysis and design of building. E-TABS offers 3D based modeling and visualization tools, linear and nonlinear analytical power, design capabilities for a wide- range of materials, and graphic displays reports, and schematic drawing that allow user to quickly and easily understand analysis and design results. E-TAB integrates every aspect of the engineering design process.

After the seminar Mr. Nandkumar Mahajan and III year in charge Prof. V. Vaidya proposed a course of E-TAB for students in partnership with the college. Students were highly interested in joining the course.

KDK College of Engineering



Students with college authorities at the event.

DEPARTMENT of Civil Engineering of KDK College of Engineering had organised Continuous Education Programme on ETAB for Final Year students. ETAB is an engineering software product that caters to multi-story building analysis and design. Basic or advanced systems under static or dynamic conditions may be evaluated using ETABS. Nandkumar Mahajan, Institute of Architectural Graphics was the expert faculty for the training programme. Students actively present in the programme. The expert had nicely explained the importance of ETAB to the Civil Engineers. Dr Valsson Varghese, Head of Civil Engineering Department motivated and guided the students to take part in such programme to enhance their knowledge, skill and employability. Anshul Nikhade was the co-ordinator of the said programme. Dr A M Badar, Vice-Principal, Dr N R Dhange, Prof S R Satone, Prof M N Umare, Prof P S Randive, Prof V D Vaidya, Prof A D Shende, Prof D B Awachat and Prof C S Danjode were prominently present on the occasion. Rajendra Mulak, Secretary; Yashra Mulak, Treasurer, BCYRC appreciated the conduction of the event.



KDK में निरंतर शिक्षा कार्यक्रम

नागपुर. केडीके इंजीनियरिंग कालेज में सिविल इंजीनियरिंग विभाग की ओर से निरंतर शिक्षा कार्यक्रम का आयोजन किया गया. ई-टैब के बारे में छात्रों को विस्तार से बताया गया. ई-टैब साफ्टवेयर उत्पाद है, जो बहुमंजिला बिल्डिंग बनाने, समीक्षा करने तथा डिजाइन तैयार करने में उपयोग किया जाता है. छात्रों को इन बातों से अवगत कराने से वे काफी कुछ सीखते हैं और लोग रोजगार देने में भी संकोच नहीं करते हैं. नंदकिशोर महाजन ने सभी का मार्गदर्शन किया. विभाग प्रमुख वाल्सन वर्गीस ने भी अपने विचार रखे. अंशुल निखाडे ने संयोजन किया. ए.एम. बदर, आर.एन. धामगे, एस.आर. सतोने, एम.एन. उमरे, पी.एस. रणदिवे उपस्थित थे.



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नागपुर
महाराष्ट्र
India

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One Week Workshop on Concrete Mix Design Workshop



Department of Civil Engineering organized “one week workshop on Concrete Mix Design” from 26th to 31st Aug-2019 for the students of V semester under the banner of Civil Engineering Students Association (CESA), Indian Concrete Institute (ICI) and Indian Water Works Association (IWWA)

On this occasion, Dr. K. C. Tayde (Head Quality Assurance Maha metro & DGM MahaMetro) was present as the Chief Guest of Function. He had told us about the different workshops for fresher students in Maha Metro projects Nagpur and the introduction of Nagpur Metro. Guest Of Honour Er. Chandrashekhar Nidhonkar (Manager ACC) had delivered the guest lecture on ‘Concrete Mix Design’. He has elaborated about the various projects under taken. He had also shared his field experience with students and also sheared the results of various experimental example of cube casting. Technical Head ACC Mr. Vijay Parate had delivered the Expert lecture on ‘How Concrete Works & some of the parameter of Concrete’. He had sheared his work experience in ACC and in different projects under taken.

Every year, department had conducted the seminar on Concrete Mix design for the student of 3rd year in and outside college students. So many college students were participated and contributed their efforts for understanding concrete mix design

Our Principal Dr. D. P. Singh, Vice-Principal Dr. A. M. Badar, Head of Department of Basic Science & Humanities Prof. G. D. Randive, Head of department of Civil Engineering Dr. V. P. Varghese, Student Association Head of Civil Depart. Prof. S. R. Satone was the guest on the dias.

A very short introduction of Concrete Mix Design workshop was delivered by Prof. S. R. Satone sir. It was arrange under the auspices of students union that did the best to make the function a great success.



One Day Workshop on Personality Development & Communication Skills



Civil Engineering Department organized **“One Day Workshop on Personality Development and Communication Skills under Skill Scaling Program held by Mrs. Vinita Virgandham, Corporate Trainer on 27th Dec 2019** for VI sem under the banner of Civil Engineering Students Association (CESA) & Indian Concrete Institute (ICI)

Dr. N. R. Dhange, & Prof. Vinayak Vaidya, was the member on the dias. Dr. N. R. Dhange commenced and addressed the students about the importance of personality development for future carrier & further she motivated the students about to get the benefit of personal experience of the expert

In this lecture the Expert elaborates the importance of personality development & communication skills into the today’s generation. She also nice explains the Personal Interview skills & Group discussion techniques to the students. She also covers the formation and presentation of personal curricular vita.

More than 70 Students have attended the workshop. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Skill Scaling Program on “Life Skills” by Mr. Pravartan Tatte



Department of Civil Engineering has organized Expert lecture on “**Life Skills**” under skill scaling program by **Mr. Pravartan Tatte, Nagpur** on dated **28th December 2019** for IV sem Civil Engineering students.

Dr. N. R Dhange, had welcomed the Expert Guest with Floral Bouquet presented the guest with a Memento as a token of love & remembrance. Prof. V. D. Vaidya has introduced about the program

During the lecture experts has explained about the term ‘*Life Skills*’ refers to the skills you need to make the most out of life. He also explains the different parameters come under life skills like Communication and interpersonal skills., Decision-making and problem-solving, Creative thinking and critical thinking, Self-awareness and empathy etc.

The main Significance of lecture was,

- Improve personal skills
- Improving Self-Esteem
- Improve Interpersonal and Communication Skills
- Improve Reading and Writing Skills

Students of Civil Engineering have attended & more than 70 participants were present. The Guest lecture was conducted under the aegis of ICI student chapter. Students were benefited with this lecture. Gratefully acknowledge the support & encouragement received from all faculties & students of the department.

Professor Prof. V. D. Vaidya has conducted the proceedings