

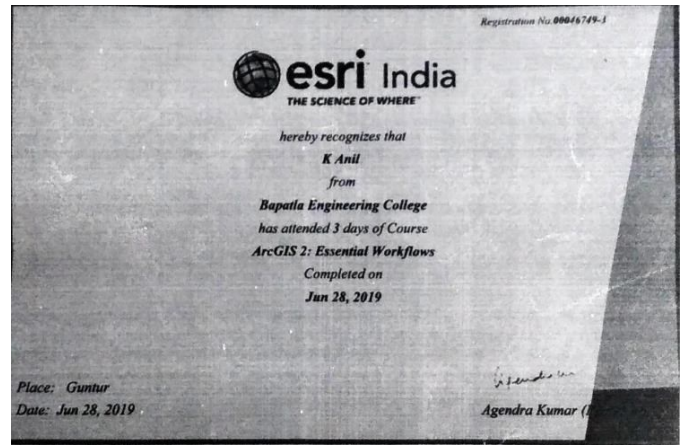


**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT**


**OF CIVIL ENGINEERING**

**Report on**

**An STTP on ESRI Certificate Training course on "GIS"**



Department of Civil Engineering, Bapatla Engineering College has organized an ESRI Certificate Training course on "GIS" from 26-06-2019 to 29-06-2019. T. Lakshmi Prasanna, Junior Analyst, ESRI, trained to the participants. A total of 40 participants (20 students and 20 faculty) have attended the training program.

  
Dr. Ch. Naga Satish  
Kumar Prof. & Head of the D  
ept.  
Dt: 29-06-2019



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT**

**OF CIVIL ENGINEERING**

**Report on**

**A guest lecture on “Disaster resistant construction technologies with reinforced masonry systems”**



Department of Civil Engineering, Bapatla Engineering College has organized a guest lecture on 24-08-2019 on “Disaster resistant construction technologies with reinforced masonry systems”. Mr. N.G. Bhagavan, Senior principal Scientist, SERC Chennai have conducted the lecture on construction technologies on reinforced masonry systems. A total of 120 students and 20 faculty members have attended the event.

*Ch. Naga Satish Kumar*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.  
Dt: 24-08-2019



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT**

**OF CIVIL ENGINEERING**

**Report on**

**A Vocational Training on Total Station Surveying**



A Vocational Training on Total Station Surveying is conducted in the department of Civil Engineering, Bapatla Engineering College on 17-10-

2019. Mr. Y. Ravi, U. Sivaramakrishna, Assistant Professors, Bapatla Engineering College have trained the participants. A Total of 41 students of Polytechnic College and 5 faculty members of Bapatla Engineering College have attended the training session.

*Ch. Naga Satish*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.

Dt: 17-10-2019



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT**

**OF CIVIL ENGINEERING**

**Report on**

**A Guest Lecture on “Science and Society related to Environmental issues”**



Department of Civil Engineering, Bapatla Engineering College has organized a guest lecture on 30/10/2019 on “Science and Society related to Environmental issues”. Dr K Babu rao, Retd Scientist, IICT, Hyderabad has given a lecture on Environmental issues related to Science and Society. A Total of 100 students and 25 faculty members have attended the lecture.

*Ch. Naga Satish Kumar*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.  
Dt: 30-10-2019



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT**

**OF CIVIL ENGINEERING**

**Report on**

**A Short term course on “ETABS and REVIT Structures”**



A Short term course on “ETABS and REVIT Structures” was organized by the department of Civil Engineering from 06-01-2020 to 11-01-2020 in Bapatla Engineering College. Resource persons from APSkill development Corporation has attended to give the course training to the students. A total of 78 students and 8 faculty have attended the course.

*Ch. Naga Satish*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.

Dt: 11-01-2020





**BAPATLAENGINEERINGCOLLEGE::BAPATLA  
(Autonomous)DEPARTMEN**

**TOFCIVILENGINEERING**

**Reporton**

**AGuestLectureon“AdvancedConstructionTechnology andPractices”**

**సివిల్ ఇంజనీరింగ్ విద్యార్థులకు ఉజ్వల భవిత**

- గ్రీన్ క్రాంక్రిట్ సొల్యూషన్స్ అండ్ కన్సల్టెంట్స్ ప్రైవేట్ లిమిటెడ్  
ముంబయి హెడ్ కె.హరినాగ్

బాపట్లరూరల్, జనవరి 21 : సివిల్ ఇంజనీరింగ్ విద్యార్థులకు ఉజ్వల భవిత ఉంటుందని గ్రీన్ క్రాంక్రిట్ సొల్యూషన్స్ అండ్ కన్సల్టెంట్స్ ప్రైవేట్ లిమిటెడ్ ముంబయి హెడ్ కె.హరినాగ్ అన్నారు. మంగళవారం స్థానిక బాపట్ల ఇంజనీరింగ్ కళాశాలలో సివిల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో జరిగిన అడ్వాన్స్డ్ కన్సల్టెంట్స్ టెక్నాలజీ అండ్ ప్రాక్టీస్ సెమినార్ కు ముఖ్యఅతిథిగా ఆయన విచ్చేశారు. విద్యార్థులను ఉద్దేశించి మాట్లాడుతూ, నైపుణ్యంగల సివిల్ ఇంజనీరింగ్ లకు ఉపాధి అవకాశాలు ఉన్నాయన్నారు. కార్యక్రమంలో ప్రిన్సిపాల్ డాక్టర్ వి.దామోదరనాయుడు, సివిల్ ఇంజనీరింగ్ డిపార్ట్మెంట్ హెడ్ డాక్టర్ సి.హెచ్.ఎన్.ఎస్.కుమార్, అధ్యాపక, అధ్యాపకేతర సిబ్బంది పాల్గొన్నారు.



Department of Civil Engineering, Bapatla Engineering College has organized a guest lecture on 22-01-2020 on “Advanced Construction Technology and Practices”. Mr. K. Harinaag (Alumni 2003 batch), Country head-Technical, Green Concrete Solutions and Consultants Pvt. Ltd has given a lecture on advanced construction technology and practices to the participants. Total 120 students and 5 faculty participate for the lecture.

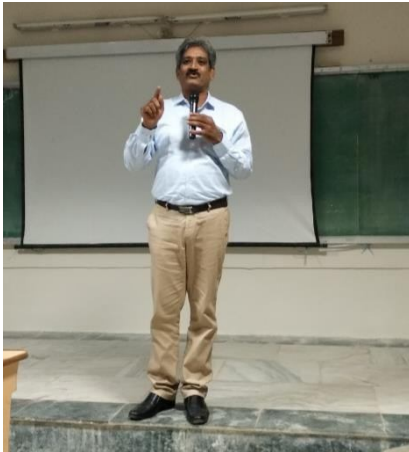
Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.

Dt: 22-01-2020



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT OF  
CIVIL ENGINEERING**

**Report on  
A Guest Lecture on “Data Science Projects in Civil Engineering”**



Department of Civil Engineering, Bapatla Engineering College has organized a guest lecture on 06-01-2020 on “Data Science Projects in Civil Engineering”. Mr V.S.M Vishnu and Mr M.H.Reddy (Vice President BEC Alumni Association), APCRDA has given the lecture on data science project to the students. A total of 120 students and 7 faculties participated for the lecture.

*Ch.Naga Satish*

Dr.Ch.Naga Satish  
Kumar Prof.& Head of the Dept.  
Dt:06-01-2020



**BAPATLA ENGINEERING COLLEGE :: BAPATLA  
(Autonomous) DEPARTMENT  
OF CIVIL ENGINEERING**

**Report on  
A National Conference on “Emerging Technologies in Civil Engineering (ETCE-2020)”**



Department of Civil Engineering, Bapatla Engineering College has organized a National Conference on “Emerging Technologies in Civil Engineering (ETCE-2020)” from 6-3-2020 to 7-3-2020. Dr. K. Sudhakar Reddy, Professor, IIT Kharagpur, Dr. C.N.V. Satyanarayana Reddy, Professor, Andhra University has attended to the conference as a key note speaker. Many students of outside colleges and the 80 students and 5 faculty members of Bapatla Engineering College have attended the conference and present their technical works.

*Ch. Naga Satish*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.

Dt: 07-03-2020





**BAPATLA ENGINEERING COLLEGE :: BAPATLA  
(Autonomous) DEPARTMENT  
OF CIVIL ENGINEERING**

**Report on  
A Webinar on “Low carbon cements-sustainable construction material”**

**About the Institute**

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 7 disciplines with total intake of above 1000 students, 5 Post Graduate courses in SE (CIVIL), CAD/CAM (Mech), PS (EEE), SE (CSE) and CESP (ECE). All the departments have well equipped laboratories in addition to the common facilities of workshops, central library, state-of-art central computing facility, sports facilities and Innovation Centers that houses research and testing facilities for Industrial Projects and technology labs to promote interdisciplinary research activities.

**About the Department**

The Department is one of the oldest departments in the institute and it was established in the year 1981. The department secured the accreditation thrice by NBA. It has also attained the Institution of Engineers (India) recognition in terms of its excellent infrastructure, well equipped laboratories and high-quality teaching and learning process. The department is recognized as Research Centre by Acharya Nagarjuna University to which this institution is affiliated. It has lofty professional ambitions of producing students of the highest caliber with a set of dedicated and devoted faculty members. Considerable number of creditable GATE scores (All India first rank in 1997, 15th in 2005). The department has been ever inspirational to the budding civil engineering student fraternity as was evident from the IES best ranks secured by our alumni 89th rank in 2010 and 6th, 103rd ranks in 2011, University ranks (First and Second in 2004, first rank in 2005 & 2009, second rank in 2007 & 2008) are ample testimony to the academic standards maintained by the department

**Who can attend**

Faculty Members, Research scholars, PG & UG Students of Engineering and Technical Universities and Institutions.

**Resource Person**



**Dr. T.D. Gunneswara Rao**  
Professor & Associate Dean (Administration)  
Department of Civil Engineering  
NIT Warangal.  
Research Area of Interest: Ferrocement, Fracture Mechanics, Geopolymer concrete.

**Registration**

- No Registration Fee
- E-Certificate will be issued to all the registered participants.

**Organizing Committee**

**Patrons:**  
Dr. V. Damodara Naidu, Principal  
Dr. K. Vizaya Kumar, Academic Adviser  
Dr. Ch. Naga satish Kumar, Professor & Head

**Convener:**  
Dr T.Chandra Sekhar Rao  
Professor, Dept. of Civil Engineering

**Co-Conveners:**  
Sri T Chiranjeevi, Assistant Professor  
Sri K Ravi Kumar, Assistant Professor  
Sri K Anil, Assistant Professor



**Online Webinar on  
Low Carbon Cements - Sustainable  
Construction Material  
08<sup>th</sup> June 2020, 10.00 AM**

**Organized by  
Department of Civil Engineering**



**Bapatla Engineering College (Autonomous)  
Mahatmaji Puram, GBC Road, Bapatla,  
Guntur (Dt), Andhra Pradesh,  
INDIA - 522102.**

**For More Details Contact**

Tel : 08643-224244  
Mobile : 9912340589, 9985838081  
Fax : 08643-224246  
E-mail : beccivilevents@gmail.com  
Web : www.becbapatla.ac.in

**Online Registration Link:**

<https://forms.gle/4IMZ6aXNN9PnA9A36>

Department of Civil Engineering, Bapatla Engineering College has organized a webinar on “Low carbon cements-sustainable construction material” was held on 08-06-2020 by Dr. T.D. Gunneswara Rao professor in Civil Engineering department of NIT Warangal. A total of 120 students and 30 faculty members have attended the webinar.

*Ch. Naga Satish Kumar*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.  
Dt: 08-01-2020



**BAPATLA ENGINEERING COLLEGE :: BAPATLA  
(Autonomous) DEPARTMENT  
OF CIVIL ENGINEERING  
Report on**

**A Webinar on “A Three Day National Level Online Webinar on Emerging Technologies and Challenges in Construction Projects”.**

**About the Institute**

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 7 disciplines with total intake of above 1000 students, 5 Post Graduate courses in SE (CIVIL), CAD/CAM (Mech), PS (EEE), SE (CSE) and CESP (ECE). All the departments have well equipped laboratories in addition to the common facilities of workshops, central library, state-of-art central computing facility, sports facilities and Innovation Centers that houses research and testing facilities for Industrial Projects and technology labs to promote interdisciplinary research activities.

**About the Department**

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**Who can attend**

Faculty Members, Young Engineers, PG & UG Students of Engineering and Technical Universities and Institutions.

**Resource Persons:**

**Mr. Radha Kanth Nandula**  
National Manager – Technical Services  
MYK Laticrete India Pvt. Ltd.

**Mr. Srinivas Ammanabrolu,**  
Vice - President  
Living Walls | VDB Infra & Realty Pvt Ltd

**Mr. Santosh A C**  
Regional Sales Manager,  
Fosroc Chemicals (India) Pvt. Limited.

**Registration**

- No Registration Fee
- E-Certificate will be sent to all the registered active participants after receiving feedback form.
- Schedule and Platform details will be shared to registered participants.

**Organizing Committee**

**Patrons:**  
**Dr. V. Damodara Naidu,** Principal  
**Dr. K. Vizaya Kumar,** Academic Adviser  
**Dr. Ch. Naga satish Kumar,** Professor & Head

**Convener:**  
**Sri K. Anil,** Asst. Professor

**Co-Convener;**  
**Sri K. Ravi Kumar** Asst. Professor  
**Dr. T Chandra Sekhar Rao,** Professor  
**Sri T Chiranjeevi,** Assistant Professor



**A Three Day National Level Online  
Webinar on  
Emerging Technologies and  
Challenges in Construction Projects  
09th – 11th June 2020**

**Organized by  
Department of Civil Engineering**



**Bapatla Engineering College (Autonomous)  
Mahatmaji Puram, GBC Road, Bapatla,  
Guntur (Dt), Andhra Pradesh,  
INDIA - 522102.**

**For More Details Contact**

Tel : 08643-224244  
Mobile : 9912340589, 9502341155  
Fax : 08643-224246  
E-mail : beccivilevents@gmail.com  
Web : [www.becbapatla.ac.in](http://www.becbapatla.ac.in)

**Online Registration Link:**

<https://forms.gle/XkUf6Z6xU6A6n5HR9>

A Webinar on “A Three Day National Level Online Webinar on Emerging Technologies and Challenges in Construction Projects” from 9-6-2020 to 11-6-2020 by the Department of Civil Engineering, Bapatla Engineering College. Mr. Srinivas Ammanabrolu, Vice – President Living Walls | VDB Infra & Realty Pvt Ltd Mr. Radha Kanth Nandula, National Manager – Technical Services MYK Laticrete India Pvt. Ltd. Mr. Santosh A C Regional Sales Manager, Fosroc Chemicals (India) Pvt Limited has attended the webinar and gave a lecture on Emerging Technologies and challenges in construction projects. A total 120 students and 25 faculty members have attended the webinar.

*Ch. Naga Satish Kumar*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.  
Dt: 11-06-2020



**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT  
OF CIVIL ENGINEERING**

**Report on**

**A Webinar on “Water Distribution Network using EPANET”**

**Bapatla Engineering College  
(Autonomous)**

Inviting All Professionals from Government Organisations, Academicians and students to join us for a

**Webinar on**

**WATER DISTRIBUTION NETWORK MODELS USING EPANET**

**Organised by the Department of Civil Engineering**

**About Institute**

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 7 disciplines with total intake of above 1000 students, 5 Post Graduate courses in SE (CIVIL), CAD/CAM (Mech), PS (EEE), SE (CSE) and CESP (ECE).

**The Department**

The Department is one of the oldest departments in the institute and it was established in the year 1981. The department secured the accreditation thrice by NBA. It has also attained the Institution of Engineers (India) recognition in terms of its excellent infrastructure, well equipped laboratories and high-quality teaching and learning process. The department is recognized as Research Centre by Acharya Nagarjuna University to which this institution is affiliated.

**About Webinar**

The EPANET Software is mathematical modelling software to model complex water distribution networks for analysis and design by simulation modelling. It was developed by the Water Supply and Water Resources Division of the U.S. Environmental Protection Agency's National Risk Management Research Laboratory. It performs extended period simulation of hydraulic and water quality behavior within pressurized pipe networks and is useful for accurate hydraulic modelling. It has state-of-the-art hydraulic analysis engine with capabilities of hydraulic computations using head loss calculation adopting Hazen-Williams, Darcy-Weisbach, or Chezy-Manning equations based on option selected. It considers all the minor losses that includes head losses for bends, fittings, etc. and also allows wall reaction rate coefficients to be correlated to pipe roughness.

**Resource Person**

Prof. M. Anjaneya Prasad studied BE from O.U., M. Tech from NITK and completed Ph D from I.I.T. Madras in the area of Water Resources Specialization. He is presently working as Professor of Civil Engineering Department, Osmania University, Hyderabad. He has 38 years of teaching and research experience in Department of Civil Engineering. His area of research includes Fuzzy Logic Applications in Water Resources, Reservoir Operation and Modelling, Simulation modelling and Optimization Applications in Water Resources.

**Registration**

- No Registration Fee
- E-Certificate will be issued to all the registered participants.

**Patrons:**  
Dr. V. Damodara Naidu, Principal  
Dr. K. Vizaya Kumar, Academic Adviser  
Dr. Ch. Naga Satish Kumar, HoD

**Convener:**  
Dr. P. Sundara Kumar, Professor

**Co-Convener:**  
Sri K. Anil, Assistant Professor

**Join on 19<sup>th</sup> June 2020 at 10AM -11:30AM Morning**

**Registration Link:**  
<https://forms.gle/o8PVsHQI23HkKs6U6>

**Online Platform: ZOOM and YouTube Live Streaming**

For any Queries Please find us at    Mobile : 9912340509, 9182426301    E-mail : beccivilevents@gmail.com

A Webinar on “Water Distribution Network using EPANET” was organized by the Department of Civil Engineering, Bapatla Engineering College on 19-6-2020. Prof. M. Anjaneya Prasad, civil engineering department, Osmania University has given a lecture on EPANET to the participants. A total of 110 students and 20 faculty members have attended the webinar.

Dr. Ch. Naga Satish  
 Kumar Prof. & Head of the Dept.  
 Dt: 19-06-2020





**BAPATLA ENGINEERING COLLEGE::BAPATLA  
(Autonomous) DEPARTMENT  
OF CIVIL ENGINEERING**

**Report on**

**A webinar on “A Feasible Retrofitting solution to the soft-storey problem in Reinforced Concrete Buildings – sociotechnical approach”**

**Bapatla Engineering College:: Bapatla**  
(Autonomous)  
In Association With Steady Dynamics Consultants India  
**WEBINAR ON**  
**"A FEASIBLE RETROFITTING SOLUTION TO THE SOFT-STOREY PROBLEM IN REINFORCED CONCRETE BUILDINGS" - SOCIO-TECHNICAL APPROACH**

**About Institute**  
Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 7 disciplines with total intake of above 1000 students, 5 Post Graduate courses in SE (CIVIL), CAD/CAM (Mech), PS (EEE), SE (CSE) and CESP (ECE).

**About Department**  
The Department is one of the oldest departments in the institute and it was established in the year 1981. The department secured the accreditation thrice by NBA. It has also attained the Institution of Engineers (India) recognition in terms of its excellent infrastructure, well equipped laboratories and high-quality teaching and learning process. The department is recognized as Research Centre by Acharya Nagarjuna University to which this institution is affiliated.

**About Webinar**  
A soft-storey in buildings not designed for seismic loads is a common problem in urban and semi-urban areas, which have severely damaged and collapsed in the past earthquakes. Though there are many existing methods to address the soft-storey problem, they are not compatible with the social needs, and thus, it is very costly, or deficient availability of materials, or very low usability, or inadequate performance. After thoroughly studying this gap between social needs and technical solutions for this problem, the researchers have proposed a solution using numerical simulations and optimization (addressing the requirements) to develop a redesign guideline for retrofitting existing RC structures.

**Join on 18<sup>th</sup> June 2020 at 10AM -11:30AM Morning**  
**Online Streaming on Zoom**  
<https://forms.gle/v1hqqcB1bgk4g4rq6>

**Patrons:**  
Dr. V. Damodara Naidu, Principal  
Dr. K. Vizaya Kumar, Academic Adviser  
Dr. Ch. Naga Satish Kumar, HoD

**Registration**  
No Registration Fee  
E-Certificate will be issued to all the registered participants.

**Convener:**  
Sri T Santhi Sagar,  
Asst Professor

**Co-Convener:**  
Sri K Hari Babu,  
Asst Professor

**Coordinator:**  
Er. Veereswara Rao.Y  
Consultant  
Steady Dynamics India  
BEC Alumni

**Resource Person**  
**Dr G Chaitanya Krishna, Ph.D**  
Project Assistant Professor,  
Disaster Process Engineering,  
The University of Tokyo, Tokyo  
Japan

**STEADY DYNAMICS INDIA**  
STRUCTURAL DESIGN & TRAINING CONSULTANCY

**Inviting All Young Engineers, Faculty Members, PG & UG Students of Engineering and Technical Universities**  
For any Queries Please find us at Mobile : 9000920750, 9502208299

A webinar on “A Feasible Retrofitting solution to the soft-storey problem in Reinforced Concrete Buildings – sociotechnical approach” was organized by the Department of Civil Engineering, Bapatla Engineering College on 18-6-2020. Dr. G. Chaitanya Krishna (Alumni) Tokyo University has attended the webinar through online mode and gave a lecture on Retrofitting solutions to Reinforced Concrete Buildings. A total of 120 students and 30 faculty members have attended the webinar.

*Chaitanya*

Dr. Ch. Naga Satish  
Kumar Prof. & Head of the Dept.  
Dt: 18-06-2020