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**Issue 1
2021**

Civil Bulletin

Vision >>> Empower Civil Engineers with high technical competence and social consciousness

- Mission >>>**
- M1:** To inculcate the fundamentals to Civil Engineering in design, construction and maintenance of the projects at national & global level.
 - M2:** To excel in design of economical & sustainable structures with due care for environment, public health & safety considering the geo-technical bases & encourage in pursuing future careers.
 - M3:** To create conscientious engineers who could apply their knowledge critically and innovatively to solve professional and societal challenges.

Department Events >>>

Covid Vaccination Drive

A free COVID vaccination drive was organized at Rushikonda campus on August 25th, 2021. The event was organized by the members of the Association of Civil Engineering Students. The vaccine was brought to the campus by Sachivalayam members and alumni of the Civil Engineering department working under GVMC. The event was open between 11 am to 5 pm and the vaccine was delivered to 170 participants.



Engineer's Day Celebrations



Engineer's Day was Celebrated on 15-09-2021. As a remarkable tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya "Role of Engineers in developing India" was the theme of the event. On this day Mr. Mohan Ramanathan, Managing Director from Advanced Construction Technologies Pvt. Ltd. gave a lecture in online made on "Role of Engineers in developing India". Around 120 students and faculty members have participated.

Guest Lecture on BIM for Digital Construction

A guest lecture was organized on 02.12.2021 for all Civil Engineering students. The guest Speaker Mr. Sunil Nandipati highlighted how BIM can be useful in Digital Construction. He discussed on implementation of the BIM systems around the globe and their implications to the industry and on how to tackle the challenges to facilitate successful transition towards utilizing BIM systems in construction projects.



Impact Lecture Under IIC



An Impact lecture session was organized on “Fundamentals and Innovation in Rebar Detailing” on 1st October, 2021 from 3.00 PM in online mode. The eminent speaker of the session was Prof. P. Krishnam Raju, Gayatri Vidya Parishad College of Engineering (A). In this lecture, he emphasized more on types of loads acting as the structure and different codes of practice used for detailing. He explained all clauses in IS 456 in detail and discussed the importance of these clauses in field execution.

Virtual Cement Plant Visit

Virtual cement plant visit was arranged on 07-12-2021 for all students of Civil Engineering in collaboration with Ultra Tech Cement. A total of around 90 students have attended the visit accompanied by faculty members. This encourages the students to develop their skills with interest while they are learning. Er. Ram Pant from Ultra Tech Cement Limited Malkhed, had explained various steps involved in the cement manufacturing process using videos.



Workshop on Total Station

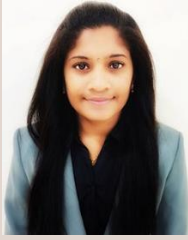


The Department of Civil Engineering Makes a MoU with SDVVL Survey & Construction Pvt Ltd. With V. D. Prasad Garu. Main Purpose of this MoU is to make students aware of modern surveying Instruments by conducting workshops every year. This year total 79 students got registered for the workshop and trained by 6 experts for 5 days.



Student's Participation >>>

- I. Sohit participated in the event “Lets Nacho” and won first prize in the event organized by pinnacle on 16th and 17th December
- Krishna Pallela participated DFI – India 2021 virtual conference on deep foundation technologies for infrastructure development in India.
- Vamsi Nelli participated DFI – India 2021 virtual conference on deep foundation technologies for infrastructure development in India.
- Bhargav Salapu participated DFI – India 2021 virtual conference on deep foundation technologies for infrastructure development
- G.V.K. Tejesvi completed internship as a human resource leader at Marpu foundation for two months.
- G.V.K. Tejasvi participated in Plastic free awareness program of beach clean-up campaign organized by Gayatri Vidya Parishad College for Degree & PG Courses under National Service Scheme.
- Anupoju Aiswarya participated in the “National level e-quiz competition on geo-technical engineering conducted by Department of Civil Engineering, MVGR College of Engineering (A), Vizianagaram on the Occasion of Terzaghi Birth Anniversary on 02nd October 2021
- R. Adithya Kumar Reddy completed Autocad-2D (Free Online Workshop) and scored an ‘A’ Grade in the prescribed final examination conducted by ACADD Centre Institute on 12th December 2021.

Our Topper's >>>**M Tech Structural Engineering**

1st Topper
M.N.R.DIVYA
1st Semester
SGPA:8.61



2nd Topper
G.HEMA SAI
1st Semester
SGPA:8.11



3rd Topper
K.AKHIL
1st Semester
SGPA:7.56

BTech Third Year

1st Topper
K.VAMSI
2nd Year
SGPA:8.94



2nd Topper
B.BALAJI
2nd Year
SGPA:8.81



3rd Topper
C.RAKESH
2nd Year
SGPA:8.63

BTech Final Year

1st Topper
P.YAMUNA
Upto 3rd Year
CGPA:9.03



2nd Topper
P.KRISHNA
Upto 3rd Year
CGPA:8.59



3rd Topper
G.V.K.TEJESVI
Upto 3rd Year
CGPA:8.19

BTech Second Year

1st Topper
D. PRASEEDA DEVI
1st Year
SGPA:9.00



2nd Topper
K.A.GOWTHAMI
1st Year
SGPA:8.6



3rd Topper
M.D.SAMEER
1st Year
SGPA:8.5

Placement Record >>>

P.Bhavana Sri of Final Year Student got placed in Zoho



Derick Rayi of Final Year Student got place in TCS

Internship Drive >>>**Team Bryks Internship Drive:**

The Final Year B.Tech Students had Participated in an internship drive Conducted by Team Bryks in association with Vijay Nirman Company Pvt Ltd. Total 24 students participated in a internship drive along with other engineering colleges in vizag. The interview had done in three stages written test followed by Technical Interview followed by HR, all the three rounds are cleared by ten of our students were selected: G.V.K. Tejesvi, Reddy Raghu, K. Venkata Aruna, P. Kanta Rao, N. Vamsi, P. Yamuna, S. Bhargav, K. Bindu Madhavi, K. Adithya Vamsi Reddy and P. Vinay.

Faculty Participation >>>

- Prof. D. Manasa attended a 21-day STTP on “Online Teaching Platforms and Tools” organized by Scroll Well held from 1st July to 21st July 2021
- Prof. D. Manasa attended an Online Training Program on “Emerging Materials for Sustainable Construction” organized by National Institute of Disaster Management, Ministry of Home Affairs, Government of India in collaboration with Department of Civil Engineering, Andhra University College of Engineering (A), Visakhapatnam and Indian Geotechnical Society Visakhapatnam Chapter on 15th Sep 2021
- Prof. D. Manasa attended a 2-day workshop on “Intellectual Property Protection and Innovation Management for competitiveness of academia and Industries” held at Gayatri Vidya Parishad College for Degree and P.G. Courses (A), Visakhapatnam from 4th Sep to 5th Sep 2021
- Prof. D. Manasa attended a 3-day Online Training Program on “Earth Quake and Cyclone Disaster Risk Mitigation” organized by Department of Civil Engineering, Andhra University Engineering of College, Andhra University, Visakhapatnam in Collaboration with Natural Institute in Disaster Management, Ministry of Home Affairs, Government of India and IGS Visakhapatnam Chapter from 26th Oct to 28th Oct 2021
- Prof. D. Manasa attended a lecture on “Seismic Retrofit schemes for R.C Structures and Local - Global Consequence” organized by Indian Association of Structural Engineers, on 29th Oct 2021
- Prof. D. Manasa attended a five-day AICTE ATAL sponsored faculty development on “Innovation in Civil Engineering materials and Technologies for Sustainable development (ICEMTSD – 2021)” held at Department of Civil Engineering, NIT Silchar from 18th Nov to 22nd Nov 2021
- Prof. D. Manasa attended a five-day AICTE ATAL sponsored faculty development on “Earth Quake Resistance Design and Construction Practices” held at University Institute of Technology, RGPV from 29th Nov to 3rd Dec 2021.
- Prof.P.Jyotsna Devi attended a training program on “Innovation Ambassador Training (Foundation Level)” held by AICTE from 30th June to 30th July 2021
- Dr. Vidya Balagam attended a NPTEL faculty development program on “Geotechnical Engineering Laboratory” and received an ELITE+SILVER Certification on Aug 2021.
- Dr. Vidya Balagam attended a training program on “Innovation Ambassador Training (Foundation Level)” held by AICTE from 30th June to 30th July 2021
- Mrs. Vijaya Pusuluri attended a training program on “International workshop on stress and coping: Strategies to De-Stress” held by GITAM on 12th & 13th June 2021
- Mrs. Vijaya Pusuluri attended a 15-day e-learning training course on “EBRD Road Safety Engineering” held by European Bank of Reconstruction and Redevelopment on 24th July 2021.
- Mr. P. Manikanta attended a training program on “Innovation Ambassador Training (Foundation Level)” held by AICTE from 30th June to 30th July 2021
- Mrs. J. Renuka attended a 3-day Online Program on “Earth Quake and Cyclone Disaster Risk Mitigation” organized by Department of Civil Engineering, Andhra University Engineering of College, Andhra University, Visakhapatnam in Collaboration with Natural Institute in Disaster Management, Ministry of Home Affairs, Government of India and IGS Visakhapatnam Chapter from 26th Oct to 28th Oct 2021.
- Mr. Pinakanna Lakshmana Rao attended a training program on “Analyzing Kinetic Energy and Momentum Coefficiency in A Meandering Channel With & Without Vegetated Flood Plains” held by HYDRO -2020 from 26th to 28th march 2021
- Mr. Pinakanna Lakshmana Rao attended a training program on “Physical and Mathematical Modeling of Reservoir and Apputement Structures” held by CWPRS on 6th and 7th July 2021
- Mr. Pinakanna Lakshmana Rao attended a training program on “Hydrologic Modelling System (HEC-HMS)” held by National Water Academy, Pune from 26th to 30th July 2021.

Faculty Achievement >>>

- Mrs. Alluri Satya Sunitha, Assistant Professor got Ph.D. admission in NIT Rourkela and Successfully Completed Pre-Ph.D. Examination with 8.84 CGPA.

Conference Papers >>>

- Prof. P. Jyotsna Devi published a Conference Paper on “Effect of Metakaolin and Silica Fume on the strength parameters with Quarry dust has partial replacement to fine aggregates” in third international conference on sustainable environment, Energy and Construction (ICSEEC 2021) on Dec 2021
- Prof. P. Jyotsna Devi Published a Conference Paper on “A Study on Mechanical Properties of Concrete by Partial Replacement with Hospital Waste Ash-A-Review” in National Conference on Recent Advances in Civil Engineering Infrastructure on Aug 2021.
- Mrs. P.Vijaya Lakshmi Kanthi published a Conference Paper on “Road Crash Zone Identification Methodologies using GIS” in IEEE Conference on Technologies for future cities (IEEE CTFC-2021) on 8th – 9th October,2021.

Faculty Publications >>>

- Prof. D. Manasa published a Research Article on “Design of Two-Way Orthotropic Rectangular Slabs with Longer Side Interior Corner Opening Using Modified Affine Theorem” in Design Engineering (Toronto), vol.2021, Issue No.6, pp.4451-4466
- Mr. K. Gowtham Kumar Mr. P. Manikanta & Mrs. J. Renuka published a research article on “study on the effect of Permeability and Void ratio with Varying water cement ratios with replacement of cement with silica fumes” in PENSEE, vol.51, Issue No.7,2021, pp.168-174
- Mrs. Renuka published a research article on “Performance of Slurry Infiltrated Fibrous concrete- A Comprehensive Review” in Journal of Engineering Science & Technology Review (JESTR), Vol.14, Issue No.5,2021, pp.163-172.
- Ms. P. Sesha Ratna published a research article on “Structural Classification of Basalt FRP at High Temperatures” in Hindawi, Advances in Material Science and Engineering, Vol.2021, Article ID 6917471, 9 Pages.

An Engineer is a Person who applies the skills & Knowledge of basic science for the good of society.

~ Sir Mokshagundam Visvesvaraya



DEPARTMENT OF CIVIL ENGINEERING

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GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)
ENGINEERING AND TECHNOLOGY PROGRAM

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