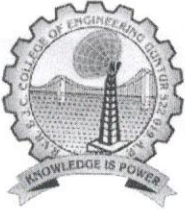


Newsletter notices and minutes of meeting 2014-15



DEPARTMENT OF CIVIL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 02.09.2013


NOTICE

This is to inform you that the meeting of the Department newsletter committee of Civil Engineering Department for the Academic Year 2014-2015 is scheduled on 06.09.2013 i.e. on Saturday at 10.00 A.M. in HoD Room of Civil Engineering Department

Hence, all the members are requested to make it convenient to attend the Meeting and give your valuable suggestions for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a water resources engineering
2. To prepare a newsletter for Jan-June 2014-2015
3. Any other item(s) with the permission of the chair.


(Dr.K.S.Sairam)
Prof.& HOD, CE

MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2014-15 HELD ON 06.09.2013 (SATURDAY) in HOD'S CHAMBER OF CIVIL ENGINEERING DEPARTMENT

Members Present:

1.	Dr.K.S.Sairam Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>Ke Ra</i>
2.	Dr.P.Ch.Sanjeeva Rao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convenor <i>P Ch Sanjeeva Rao</i>
3.	Dr.M.Rama Rao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M.Rama Rao</i>
4.	Smt. P. Samatha Chowdary, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>Samatha</i>
5.	Muvva Gowtham(Y12CE864). R.V.R. & J.C.College of Engineering	Member <i>M-Gowtham</i>
6.	T.Srinivas(Y13CE962) R.V.R.& J.C.College of Engineering	Member <i>T. Srinivas</i>
7.	Angara Sree Satya Bheemesh (Y13CE804). R.V.R. & J.C.College of Engineering	Member <i>A.S.S. Bheemesh</i>
8.	Sunkara Gautam(Y12CE901) R.V.R.& J.C.College of Engineering	Member <i>S. Gautam</i>

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It was proposed to include the effects on people without irrigation

Ke Ra
(Dr.K.S.SAIRAM)
HOD, CE



BEFORE IRRIGATION

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2014-15 | JAN - JUNE 2014|



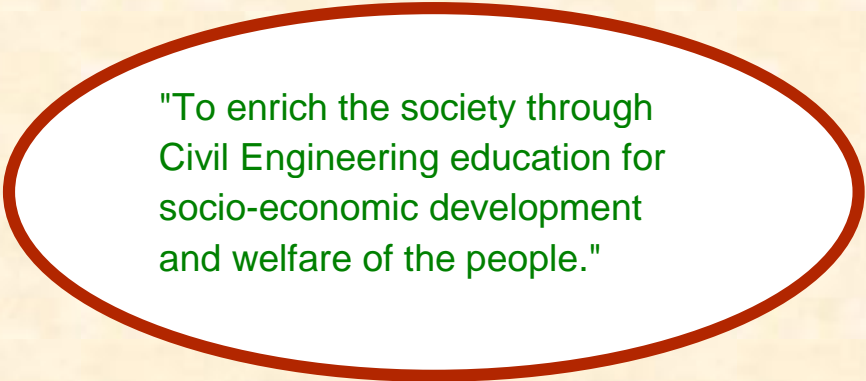
HOD s Message:



This newsletter published for the year 2014-15 is dedicated entirely to the subject of Water Resources Engineering. Especially irrigation . Current edition is entirely dedicated to the various methods used before irrigation across the World.



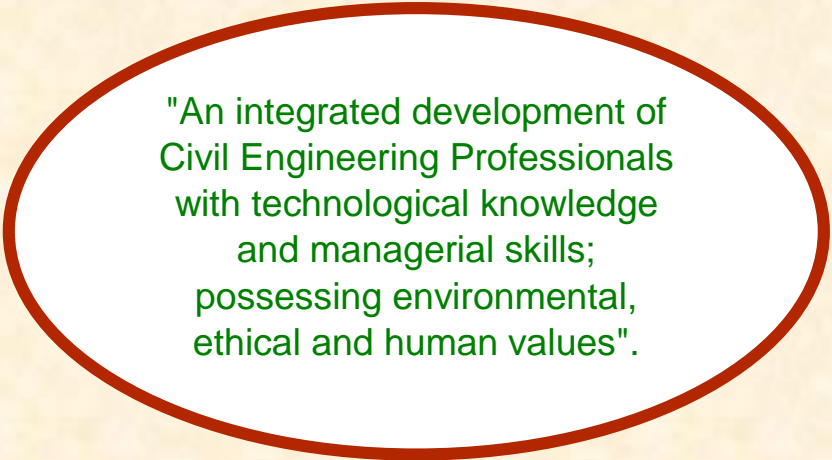
DEPARTMENT VISION



"To enrich the society through
Civil Engineering education for
socio-economic development
and welfare of the people."



DEPARTMENT MISSION



"An integrated development of
Civil Engineering Professionals
with technological knowledge
and managerial skills;
possessing environmental,
ethical and human values".



Program Educational Objectives

Upon graduation, students of the program will:

- I. To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.**
- II. To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.**
- III. To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.**
- IV. To mould the students professionally competent with managerial and communication skills.**
- V. To train the students to mitigate natural /environmental disasters and to inculcate professional ethics and human values.**



Program Outcomes

- **Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.**
- **Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, Fluid Mechanics to solve Civil Engineering problems.**
- **Graduates will have generalized knowledge in Civil Engineering and interdisciplinary knowledge to design and execute Civil Engineering Projects.**
- **Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.**
- **Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.**
- **Graduates will have an ability to identify, formulate and solve engineering problems.**
- **Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.**
- **Graduates will have computational and drafting skills.**
- **Graduates will be professionally competent with managerial and communication skills.**
- **Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.**
- **Graduates perform professional duties with environmental, ethical and human values.**
- **Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.**

*Shall We Start
Digging The
Information*

!!!!!!!!!!!!

Moat



- Also called the pulley system, it involves pulling up water from a well or other such source to irrigate the land.
- It is an extremely time consuming and labour intensive system, but it is very cost efficient.
- Also, wastage of water is avoided when using a moat system of irrigation.

Chain pump

- A chain pump consists of two large wheels connected by a chain.
- There are buckets attached to the chain. One part of the chain dips into the water source.
- As the wheel turns, the bucket picks up water.
- The chain later lifts them to the upper wheel where the water gets deposited into a source.



Dhekli



- The Tower is founded on It is a system of drawing water from a well or such similar source.
- Here we tie a rope and bucket to a pole.
- At the other end, we tie a heavy stick or any other object as a counterbalance.
- And we use this pole to draw up water.

Rahat

- Rahat system of irrigation uses animal labour.
- Above the well, we tie a large wheel.
- An ox or cow would turn the wheel to draw the water from the well.



DEPARTMENT OF CIVIL ENGINEERING

Results Analysis :

Year	Total Appeared	Total Passed	Pass percentage
II/IV B.Tech	138	97	70.29
III/IV B.Tech	126	101	80.15
IV/IV B.Tech	146	145	99.32

GATE -2014 Results :

S.No	Name of the Dept .	No of students qualified	Highest AIR
1	Civil Engineering	26	980

4. Research Papers Published in Journals :

• Venkata Sairam Kumar N, Assistant Professor , R,Surendra babu, Associate Professor, J. Usha Kranthi Assistant Professor Civil Engineering Department “ Shear walls- A Review” International journal of engineering research science and technology, Vol. 3, Issue 2, February 2014, PP:9691-9694.

Seminars/Workshops/Conferences attended by the Faculty

- *Dr.K.Srinivasu Professor and Head of the Department Attended workshop on 'NPTEL online certification courses' organized by IIT, Madras on 25th February 2014.*
- *Dr.K.Srinivasu Professor and Head of the Department Attended workshop on "Outcome based Education" Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.*
- *Dr.K.Srinivasu Professor and Head of the Department attended one day national seminar on "Problems Associated with Geotechnics of Expansive soils" Organized by IGS-Guntur Chapter and R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 25th January 2014.*
- *Dr.K.S.Sairam, Professor attended workshop on "Outcome based Engineering Education" Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.*
- *Dr. M. Rama Rao, Professor attended workshop on "Outcome based Engineering Education" Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.*
- *P. V. S. Maruthi Krishna, Associate Professor attended workshop on "Outcome based Engineering Education" Organized R.V.R.J.C College of*

Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.

- R. Surendra Babu attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
- M. L. N. Krishna Sai Assistant professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
- J.Usha Kranti, Assistant professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
- M.Srikanth Kumar Assistant professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
- S.V. Satya Narayana, Assistant professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
- Venkata Sairam Kumar N, Assistant Professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of

Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.

- Samatha Chowdary P, Assistant Professor attended workshop on “Outcome based Engineering Education” Organized R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 6th June 2014.
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- Samatha Chowdary P, Assistant Professor one day national seminar on “Problems Associated with Geotechnics of Expansive soils” Organized by IGS-Guntur Chapter and R.V.R.J.C College of Engineering, at R.V.R.J.C College of Engineering on 25th January 2014
- R. Surendra Babu Associate Professor attended workshop on “NDT Techniques for assessment of Reinforced concrete structures” Organized by Centre for Disaster Mitigation and Management, VIT university Vellore on 21st February 2014.

Seminars/workshops organized by the department :

- Civil engineering department in association with IGS-Guntur Chapter has organized a one day national seminar on “Problems Associated with Geotechnics of Expansive soils” at R.V.R.J.C College of Engineering on 25th January 2014.
- A one day Workshop on “Outcome based engineering education” has been organized on 6th June 2014 for the benefit of faculty members of the college

Guest Lectures Delivered by the Faculty

- *Dr.K.Srinivasu, Professor and Head of civil engineering delivered a guest lecture on “Harmonic and Impulsive loading Response in Structural Dynamics” at PVP Siddhartha Institute of Technology on 6th February 2014.*
- *Dr.K.Srinivasu, Professor and Head of civil engineering delivered a lecture on “Finite Element Analysis for Bio Medical Application” for AICTE sponsored National Seminar on Advances in Biomaterials for Medical applications at RVRE&JC College of Engineering on 15th march 2014.*
- *Dr.K.Srinivasu, Professor and Head of civil engineering delivered a lecture on “Implementation of outcome based engineering education for excellent teaching learning Process” Organized by R.V.R.J.C College of engineering, Chowdavaram Guntur for Outcome based education on 6th June 2014.*
- *Dr.K.Srinivasu, Professor and Head of civil engineering delivered a lecture on “Outcome based accreditation programme” in E-Class room of Silver Jubilee block R.V.R.J.C College of engineering, Chowdavaram Guntur.*
- *R.Surendra Babu, Associate Professor delivered a lecture on “High strength concrete and high performance mortar” at PMR Engineering College, Chennai 24th March 2014.*

Guest Lectures organized by the Department :

- *Dr.A.S.Prasad, HOD Civil department, Vignana University has delivered a lecture on “ANALYSIS OF CHANNEL TRANSITION- SPECIFIC ENERGY CONCEPTS” on 8th march 2014.*

Registration for Higher Degree

- *N.V Sairam Kumar Civil Engineering Department registered for Ph.D during may 2014 under Acharya Nagarjuna University, Nagarjuna Nagar, Guntur.*
- *J.Usha Kranti Civil Engineering Department registered for Ph.D during may 2014 under Acharya Nagarjuna University, Nagarjuna Nagar, Guntur.*
- *P.V.S. Maruthi Krishna Civil Engineering Department registered for Ph.D under S. V. University Tirupathi.*

Industrial Tours & Short Visits :

- *IV B.Tech civil engineering went on study tour to learn about various Post tensioning practices to a newly built up commercial complex at lakshmipuram on 4th and 24 june 2014.*
- *II B.Tech civil engineering went on study tour to KCP Cement factory, Nagarjuna sagar dam during 8th to 9th February 2014.*

Any Other Information

- *P.V.S Maruthi Krishna, Associate Professor, Civil Engineering Department enrolled as a Life Member IGS Delhi.*
- *J.Usha Kranti, Assistant Professor, Civil Engineering Department enrolled as a Life Member IGS Delhi.*
- *M.Rama Rao Professor Civil Engineering Department has been appointed as member of Board of studies in Architecture, ANU college of Architecture and Planning, Acharya Nagarjuna University on 25.04.2014.*

(Dr. K.Srinivasu)

Professor & Head

BEFORE IRRIGATION

EDITOR: Dr. K.Srinivasu

CO-EDITOR: Mrs. P.Samatha Chowdary

DEVELOPERS:

M.GOWTHAM(Y12CE864)

S.GAUTAM(Y12CE901)

COMMITTEE MEMBERS

A.S.S. BHEEMESH(Y13CE804)

T.SRINIVAS(Y13CE962)

M.GOWTHAM(Y12CE864)

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MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2014-15 HELD ON 06.09.2013 (SATURDAY) in HOD'S CHAMBER OF CIVIL ENGINEERING DEPARTMENT

Members Present:

1.	Dr.K.S.Sairam Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>Ke Ra</i>
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AGENDA:

To discuss about the:

1. To decide theme for issues of a water resources engineering
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3. Any other item(s) with the permission of the chair.

MINUTES:

It was proposed to include the effects on people without irrigation

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(Dr.K.S.SAIRAM)
HOD, CE



DEPARTMENT OF CIVIL ENGINEERING
R.V.R. & J.C. COLLEGE OF ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 04.09.2014

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Hence, all the members are requested to make it convenient to attend the Meeting and give your valuable suggestions for improvement of the department in all aspects. The Agenda for the meeting is:-

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Prof.& HOD, CE



AFTER IRRIGATION

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2014-15 | JULY – DECEMBER 2014 |



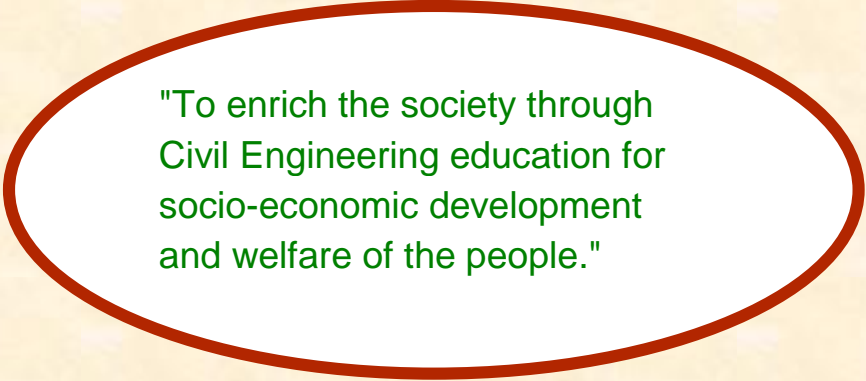
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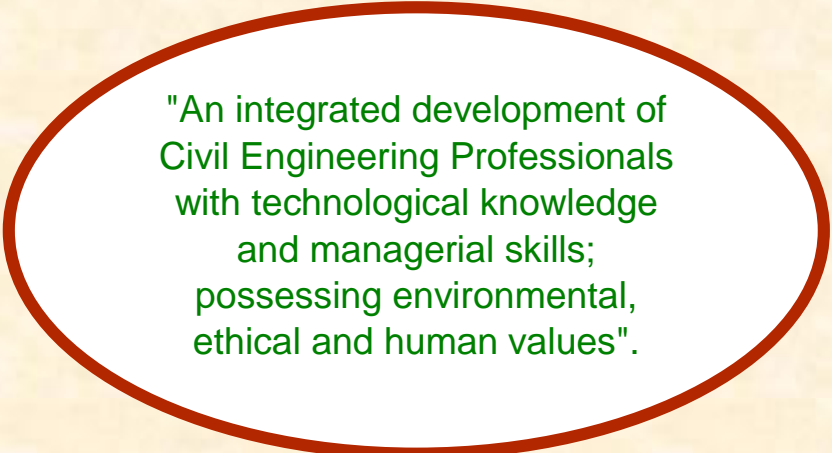
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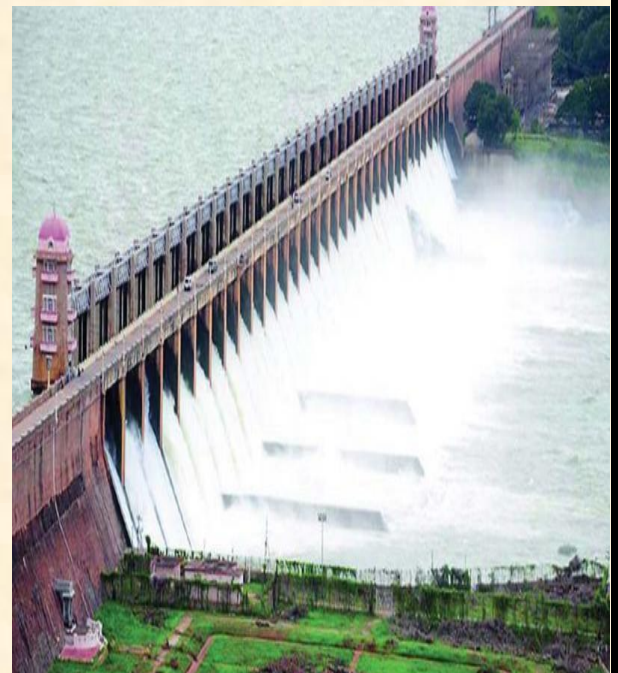
Canals



- Canals used to be the most important source of irrigation up-to 1960s, but in the 1970s they yielded first place to wells and tube wells and now constitute the second most important source of irrigation in India.
- Most of the canals in India today are perennial. The net area under canal irrigation is about 15.8 million hectares.

DAMS

- Dams used for irrigation projects have helped provide drinking water to a growing rural population, control flood and prevent drought-related damage to agriculture.
- Free electricity and attractive minimum support price for water intensive crops such as sugarcane and rice have encouraged ground water mining leading to groundwater depletion



Reservoirs



- *The reservoirs can be created in a number of ways, including controlling a watercourse that drains an existing body of water, interrupting a watercourse to form an embayment within it, through excavation, or building any number of retaining walls or levees.*
- *Tank reservoirs store these in ground-level, elevated, or buried tanks.*

Weirs

- *A weir or low head dam is a barrier across the width of a river that alters the flow characteristics of water and usually results in a change in the height of the river level.*
- *There are many designs of weir, but commonly water flows freely over the top of the weir crest before cascading down to a lower level.*



DEPARTMENT OF CIVIL ENGINEERING

National/International Conferences /Seminars/Workshops Organized:

- A two day National level workshop on 'Computational mechanics' was organized by the dept. of Civil Engineering Department, during 15th and 16th July 2014. Resource persons, Prof. B.Nageswara rao IIT madras Prof.K.Srinivasu H.O.D, Civil engineering department R.V.R & J.C Prof.V.Bala Krishna V.R.Siddhartha college of engineering, Prof.K.S.Sairam Civil engineering department R.V.R & J.C gave talks on topics like applications of finite element modeling and their interpretation in research analysis.- Nearly, 40 faculty members from various engineering colleges and students from various engineering colleges across the State and students from R.V.R & J.C got benefited from this workshop.
- A one day State level workshop on 'Advanced Surveying Equipment' was organized by the dept. of Civil Engineering Department on 26th November 2014. Resource persons from Roorkee gave talks on topics like Advanced survey systems 3D Scanner and differential Geographical positioning system and other equipment's along with field practical's. Nearly, 40 field engineers from various engineering Departments like R&B Panchayati raj and rural authorities etc. and final year students from R.V.R & J.C got benefited from this workshop.

Guest Lecture /Talks conducted

K. Padmaja chief engineer Panchayati raj department, Hyderabad, advised all the final year students of Civil Engineering on 'Urban roads -Failures and remedies' . In her guest lecture, K. Padma enlightened students on some of the latest failures of roads and new construction

practices .The talk was concluded after his interaction with the students for half an hour on 15th September 2014.

Hari Krishna Meka Regional sustainability Manager At alfuttaim carillion Dubai (UAE) advised all the final year and third year students of Civil Engineering on “Concepts of Green Buildings” organized by Civil Engineering Association on 17th December for the benefit of 3rd year and final year students.

Research Papers Published in Refereed Journals: (whichever sample report applicable)

A research paper on “A Review on Use of Metakaolin in Cement Mortar and Concrete written by Dr.Kota Srinivasu, Professor and HOD civil Engineering Department Krishna Sai M.L.N, Assistant professor Civil Engineering department N.V.Sairam Kumar , Assistant Professor, Civil Engineering department was published in the International Journal of Innovative Research in Science, Engineering and Technology Vol. 3, Issue 7, July 2014 PP:14697-14701.

Conferences/ Symposia/Workshops Attended

- P.Samatha Chowdary Assistant Professor attended a 5 day workshop on “Pavement evaluation techniques and their application for maintenance and rehabilitation” organized by Central Road Research Institute CRRI, New Delhi during 24th to 28th November 2014.

- M.Srikanth Kumar Assistant Professor attended a 5 QIP Short term course on “Air Quality Modelling” organized by IIT, Chennai New Delhi during 10th to 15th November 2014.
- M.Srikanth Kumar Assistant Professor attended a one day national seminar on “Recent trends in environmental engineering ” organized by P.V.P Siddhartha Institute of Technology, Kanuru, Vijayawada on 17th October 2014.
- R.Surrendra Babu, Associate Professor attended a 5 day International Workshop on “ Recent developments in design and construction for precast technology(REDECON 2014)” conducted by Association of consulting civil engineers (India) Bangalore Centre and MHRD Government of India at NIMHANS Convention center Bangalore during 9th to 13th November 2014.
- Dr. Kota.Srinivasu, Professor & HOD, attended national conference on “entrepreneurship education” on 19th September organized by AICTE, New Delhi.
- Dr. Kota.Srinivasu, Professor & HOD, attended one week workshop on “Computational Dynamics” Organized by IIT madras during 1-5th September 2014.
- Dr.M.Rama Rao, Professor, J.Usha Kranti, P.Samatha Chowdary, Y.Pavani Assistant Professors Civil Engineering department attended one day national seminar on “Problems related to

infrastructure Geo technics” (SPRING) at KKR and KSR Institute of technology , VinjanamPadu, Guntur on 23rd August 2014

- Dr. Kota.Srinivasu, Professor & HOD, Dr.K.Sai Ram ,Dr.M.Rama Rao, Dr.P.Ch. Sanjeeva Rao Professors, R.Surrendra Babu, P.V.S.Maruthi Krishna Associate Professors, M.L.N.Krishna Sai, J. Usha Kranti, , M. Srikanth Kumar, P.Samatha Chowdary, S.V.Satyanarayana, N.V.Sairam Kumar, K.Priyanka, P.Raghavend Rao, K.Parvathi Manusha, Assistant Professors, Attended a two day workshop on “Computational Mechanics” at RVRE&JC College of Engineering during 15th and 16th July 2014 organized by Department of civil and mechanical Engineering, R.V.R.&J.C college of engineering, Chowdavaram ,Guntur*

Faculty Recruitment:

The following members of faculty were recruited in the Dept. on 18th August, 2014

- 1.K.Susmitha Chowdary*
- 2.R.Vaishnava Kumar*
- 3.N.Tejaswini*
- 4.Ch.Sri Valli Lakshmi*
- 5.Y.Madhavi*
- 6.R.Satya sai deep*

Dr. A.Srinivasa Prasad Joined as Professor in the department of civil engineering on 6th November 2014

Student Industrial Tours and Short Visits

IV B.Tech civil engineering went on technical visit to study water tanks at housing board and water treatment plant at takellapadu on 18th October 2014.

Academic Results.

<i>Year</i>	<i>Total Appeared</i>	<i>Total Passed</i>	<i>Pass percentage</i>
<i>I/IV B.Tech</i>	<i>176</i>	<i>144</i>	<i>81.8</i>
<i>III/IV B.Tech</i>	<i>132</i>	<i>102</i>	<i>77.27</i>

1. Education day- Abul kalam azad birthday

National Education day was celebrated on November 11 2014 in Decennial seminar hall of R.V.R & J.C College of engineering on the eve of Sri. Abul kalam azad jayanti which was followed by the felicitation of Prof.M.Venkateswarao , Professor and HOD Chemical department, Dr.M.Rama rao, Professor , Civil department , and M.Sudhakar Associate Professor maths and humanities department for the remarkable achievements .National unity day- sardhar vallabiah patels birthday

National unity day was celebrated on October 31, at R.V.R & J.C College of engineering on the occasion of jayanti of sardhar vallabiah patel .

2. Engineers day

A Technical exhibition has been organized in GRR Auditorium of R.V.R. & J.C College of engineering on September 15th and 16th in the view of Engineers day in

which around 169 exhibits have been prepared by various students of R.V.R.J.C. Around 800 students from various schools and colleges have got benefited by visiting the exhibition.

(Dr. K.Srinivasu)

Professor & Head

AFTER IRRIGATION

EDITOR: Dr. K.Srinivasu

CO-EDITOR: Mrs. P.Samatha Chowdary

DEVELOPERS:

G.R.KRISHNA REDDY(Y12CE828)

S.SURYA SAI(Y12CE900)

COMMITTY MEMBERS

G. VINOD(Y13CE841)

M.HARIKRISHNA(Y13CE897)

G.R.KRISHNA REDDY(Y12CE828)

S.SURYA SAI(Y12CE900)

Newsletter notices and minutes of meeting 2015-16



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 06.10.2014


NOTICE

This is to inform you that the meeting of the Department newsletter committee of Civil Engineering Department for the Academic Year 2015-2016 is scheduled on 06.10.2014 i.e. on Saturday at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

Hence, the members are requested to attend the Meeting for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a Geo technical engineering
2. To prepare a newsletter for Jan-June 2015-2016.
3. Any other item(s) with the permission of the chair.


(Dr.K.SRINIVASU)
HOD, CE

**MINUTES OF THE MEETING OF THE DEPARTMENT NEWS
LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC
YEAR 2015-2016 HELD ON 06.10.2014 (SATURDAY)HOD'S CHAMBER,
CIVIL ENGINEERING DEPARTMENT.**

Members Present:

1.	Dr.K.Srinivasu Professor and HOD, Department of Civil Engineering, R.V.R. &J.C.College of Engineering.	Chair Person <i>K.Srinivasu</i>
2.	Dr.P.Ch.SanjeevaRao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convenor <i>Pee Sanjeeva Rao</i>
	Dr.K.S.Sairam, Professor Department of Civil Engineering, R.V.R. &J.C.College of Engineering.	Member <i>Kee Sairam</i>
3.	Dr.M.RamaRao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M.Rama Rao</i>
4.	Sri. P.V.S.MaruthiKrishna ,Associate Professor, Department of Civil Engineering ,R.V.R. & J.C.College of Engineering.	Member <i>LM and</i>
	Sri M.L.N.Krishna Sai, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>MLN</i>
5.	Smt. J.UshaKranti, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-	Member <i>JUshakranti</i>
6.	Dr. C.N.V. Satyanarayana Reddy, Professor and HOD, Department of Civil Engineering, A.U.College of Engineering, Andhra University. - Alumni Academician	Member <i>C.N.V. Satyanarayana Reddy</i>
7.	Sri Ram Narayan, PRG build con India private Ltd.(RINL),Visakhapatnam-32, Alumni Private Organisation.	Member <i>S. Ram</i>
8.	M.Dilip Kumar,Managing Director,Maran Software Pvt.Ltd., Hyd- Alumni-Entrepreneur.	Member <i>M. Dilip Kumar</i>
9.	NVSL Sahitya,AEE, APPH Corporation, Eluru Alumni Government Employee	Member <i>Sahitya</i>

AGENDA

To discuss about the:

1. To decide theme for issues of a Geo technical engineering
2. To prepare a newsletter for Jan-June 2015-16
3. Any other item(s) with the permission of the chair.

MINUTES:

- This year has been enmarked to the field of Goetechnical Engineering.
- June Dec issue is dedicated various catastrophic failures of soil

K.Srinivasu
(Dr.K.SRINIVASU)
HOD, CE



LEARN FROM FAIURES

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2015-16 | JAN – JUNE 2015 |



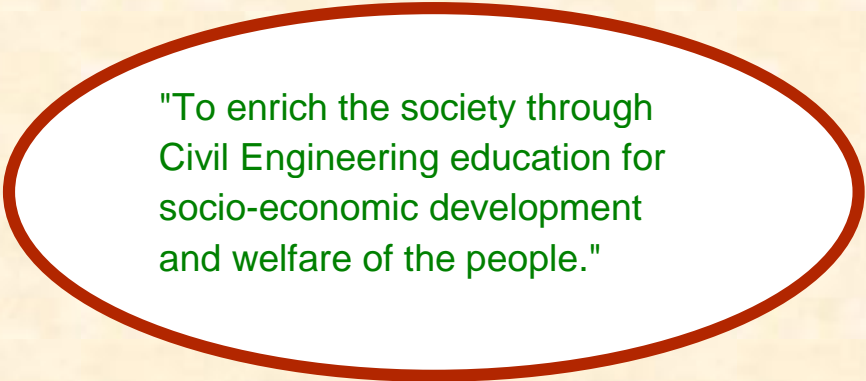
HOD s Message:



This newsletter published for the year 2015-16 is dedicated entirely to the subject of Geo Technical Engineering. Especially geotechnical failures. Current edition is entirely dedicated to the various geo technical failures occurred across the World.



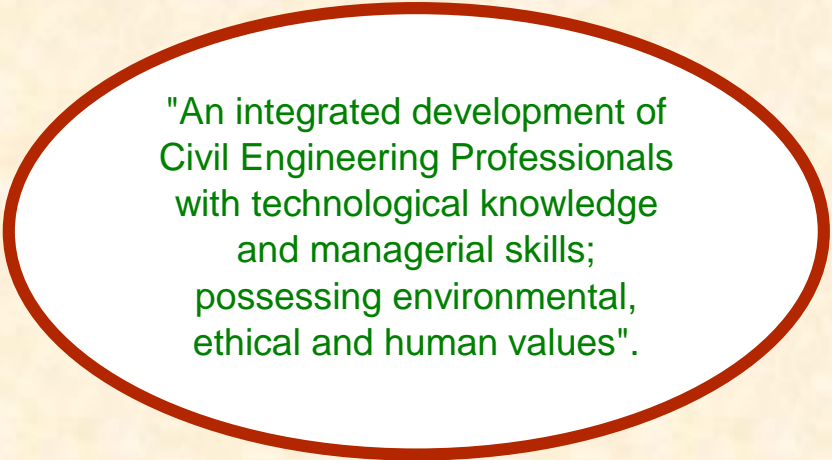
DEPARTMENT
VISION



"To enrich the society through
Civil Engineering education for
socio-economic development
and welfare of the people."



DEPARTMENT
MISSION



"An integrated development of
Civil Engineering Professionals
with technological knowledge
and managerial skills;
possessing environmental,
ethical and human values".



Program Educational Objectives

Upon graduation, students of the program will:

- I. To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.**
- II. To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.**
- III. To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.**
- IV. To mould the students professionally competent with managerial and communication skills.**
- V. To train the students to mitigate natural**



Program Outcomes

- **Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.**
- **Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, Fluid Mechanics to solve Civil Engineering problems.**
- **Graduates will have generalized knowledge in Civil Engineering and interdisciplinary knowledge to design and execute Civil Engineering Projects.**
- **Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.**
- **Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.**
- **Graduates will have an ability to identify, formulate and solve engineering problems.**
- **Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.**
- **Graduates will have computational and drafting skills.**
- **Graduates will be professionally competent with managerial and communication skills.**
- **Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.**
- **Graduates perform professional duties with environmental, ethical and human values.**
- **Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.**

Shall We Start

LEARNING

!!!!!!!!!!!!

Failure is the tuition you pay for success

Limestone Bluff Failure



- *A limestone bluff failure occurred in Lake Whitney in Texas in 2014.*
- *The exterior covered patio collapsed with the failed rock mass and the house had to be abandoned and demolished by burning.*

Rock Toppling failure

- *In 2008 a large apparent Rock Toppling failure occurred in Cairo, Egypt.*
- *Due to this ,tragically killing over 100 people in the developed area below the vertical rock face took place*
- *Local geologists had already predicted the hazard:*



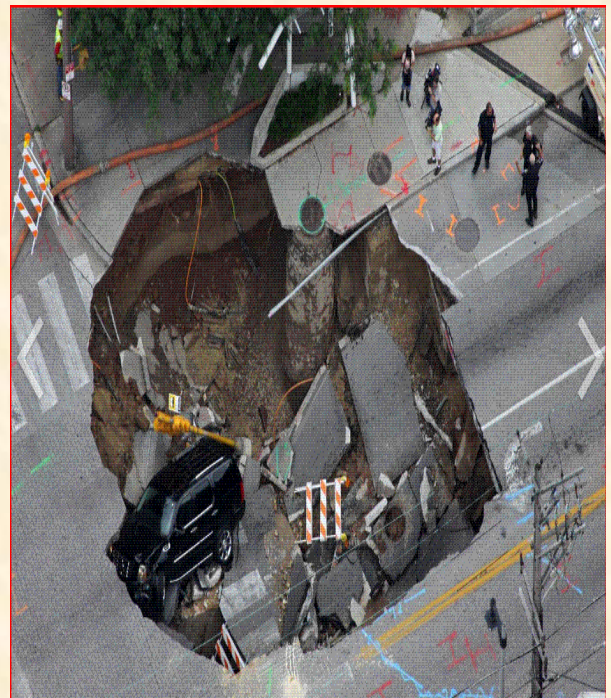
Slope stability failure



- *In North Salt Lake, a slope stability failure occurred upslope of this house (landslide into house).*
- *It causes irreparable damage and partial collapse.*
- *Notice the scarp face at the top of the slope.*

Formation of Sink hole

- *This sinkhole formed as a result of a leaking or broken sewer pipe that allowed loss of soil through pipe and eventual collapse of the street above.*
- *This failure is due to lack of proper awareness while designing the sewerage system.*



FACULTY STEPS TOWARDS LEARNING

National/International Conferences /Seminars/Workshops Organized:

- *One-day National Seminar on 'Case studies in Geotechnical Engineering Practices (CGEP-2015)' was conducted by Civil Engineering Department on 28th February 2015.*

Guest Lecture /Talks conducted

- *Dr.K.Sitaramanjenuyulu, Head, Pavement Evaluation Division, Central Road Research Institute, New Delhi, delivered a guest lecture on 10th March 2015. In his guest lecture, Dr. K. Sitaramanjenuyulu enlightened students on 'Recent Advances in Pavement Materials and Technologies'. In his lecture he discussed about various new technologies in pavement construction and maintenance*

Research Papers Published in Refereed Journals:

- *A research paper on 'A study on repair materials and mesh bonding technologies used to repair concrete beams failed in flexure' written by Asst Prof, Mr . M.L.N.Krishna sai, was published in the International Journal of Engineering Research and Applications (IJERA), Vol 5, Issue 5, pp.84 - 87, ISSN : 2248-9622*

Paper Presentations in Conferences /Seminars/published in proceedings:

- K.Srinivasu, Professor and HoD, M.L.N.Krishna Sai, J.UshaKranthi, Assistant Professors and K.Sushmita Chowdary, Assistant Professor presented a paper on 'Design of Earth Quake Resistant Structure by Shear Walls- A Case Study' at a two day national conference - NCQACE, organized by SRM University, during 19 - 20 March 2015.
- Dr. M. RamaRao, Professor, P.Samatha Chowdary, Assistant Professor, presented a paper on 'Strength Studies on Cement Stabilized Expansive Soil using Rice Husk Ash as an Additive' at a two day National Conference- NCQACE, organized by SRM University, during 19-20, March 2015.
- P.V.S.Maruthi Krishna, Associate Professor, M.Srikanth Kumar Assistant Professor, presented a paper on 'Waste Management Plan for Integrated Housing Development Plan for Slum Development at Chowdavaram' at two day National Conference- NCQACE organized by SRM University, during 19 -20, March 2015.

Conferences/ Symposia/Workshops Attended

- Professor and HOD, K.Srinivasu and Assoc. Professor R.Surrendra Babu attended a workshop on 'Recent Advances in Structural Engineering' organized by Structural Engineering Research Centre (SERC), Chennai, during 7 -8, May 2015

- Assistant professors, N.Tejaswini, R.Vaishnava Kumar attended a two day workshop on 'Applications of Special Concretes in Structural Elements' at V R Siddhartha Engineering College, during 26 - 27, March 2015.
- Assistant Professors, R.Vaishnava Kumar, R. Satya Sai deep attended a two week Faculty Development Programme on 'Analysis of Design of High Rise Structures' at Mahatma Gandhi Institute of Technology, Gandipet, sponsored by AICTE during 4 - 16 May 2015.
- Assistant Professors, R.Satya Saideep, R.Vaishnava Kumar, N. Tejaswini, Ch.Srivalli Lakshmi, Y.Madhavi, K.Sushmita Chowdary attended an 'Induction Training Programme', organized by ISTE Chapter at R.V.R & J.C College of Engineering for young faculty during 1-2 May, 2015.
- Professor, P.Ch.Sanjeeva Rao, Assoc. Professor R.Surendra Babu attended a Seminar on 'Enterprise Growth: Taking Your Business to Greater Heights' organized by the Confederation of Indian Industries, at Vijayawada, on 24th February 2015.
- Professor, M.Rama Rao , Associate Professors, P.V.S.M.Krishna, R.Surendra Babu attended a one day training programme on 'Green Buildings' organized by CII , Ministry of Non Renewable Energy Government of India and Indian Green Building Council, at Vijayawada, on 19th February 2015

- Assistant Professor , M.L.N Krishna Sai attended a winter school workshop on 'Recent Advances in Structural Engineering and Materials RASE -2015' organized by the department of Civil Engineering, IIT, Hyderabad, during 14-15 January 2015.

Faculty Recruitment:

Mr. Leela Krishna joined as Assistant Professor in Civil Department on 27th April 2015.

Student Industrial Tours and Short Visits

- III year Civil Engineering students visited a commercial complex under construction at Laxmipuram, Guntur to understand the pre-stressing technique on 12th March 2015
- II/IV B.Tech Civil Engineering Students visited Tail pond project at Satrasala & Nagrajuna Sagar Dam and Power House, during 14-15 February 2015.

FRUITS OF LEARNING

Year	Total Appeared	Total Pass
I/IV B.Tech 1st Sem	177	127
II/IV B.Tech 4th Sem	210	152
III/IV B.Tech 6th Sem	130	93
IV/IV B.Tech 2nd Sem	26	121

Dr.K.Srinivasu
HOD, Civil Engg.

LEARN FROM FAIURES

EDITOR:Dr. K.Srinivasu

CO-EDITOR: Mrs. P.Samatha Chowdary

DEVELOPERS:

K.REVATHI(Y13CE866)

V.NARENDRA(Y13CE970)

COMMITTEE MEMBERS

C.ABHIRAM(Y14CE827)

K.ANILMBABU(Y14CE879)

K.REVATHI(Y13CE866)

V.NARENDRA(Y13CE970)



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliapuram, Chowdavaram, GUNTUR - 522019

Dt: 11.08.2015

NOTICE

This is to inform you that the meeting of the Department news Letter committee of Civil Engineering Department for the Academic Year 2015-2016 is scheduled on 11.08.2015 i.e. on Saturday at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

Hence, the members are requested to attend the Meeting for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a Geo technical engineering
2. To prepare a news Letter for July-December 2015-2016.
3. Any other item(s) with the permission of the chair.


(Dr. K. Srinivasu)
HOD, CE

**MINUTES OF THE MEETING OF THE DEPARTMENT NEWS
LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC
YEAR 2015-2016 HELD ON 11.08.2015 (SATURDAY)HOD'S CHAMBER,
CIVIL ENGINEERING DEPARTMENT.**

Members Present:

1.	P.ch. Sankarabod, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chairman
2.	K. Srinivasu, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chairperson
3.	Dr.K.S.Sairam, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member
4.	Smt. P. SamathaChowdary, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member
5.	M.SIVA(Y14CE890) R.V.R. & J.C.College of Engineering.	Member
6.	M.CHANDINI(Y14CE900) R.V.R. & J.C.College of Engineering.	Member
7.	B.POOJA(Y13CE808) R.V.R. & J.C.College of Engineering.	Member
8.	G.SURYA PRAKASH(Y13CE850) R.V.R. & J.C.College of Engineering.	Member


AGENDA

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MINUTES:

It is dedicated to various catastrophic failures of soil.


 (Dr. K. Srinivasu)
 HOD, CE



LESSONS FROM FAIURES

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2015-16 | JULY - DECEMBER 2015 |



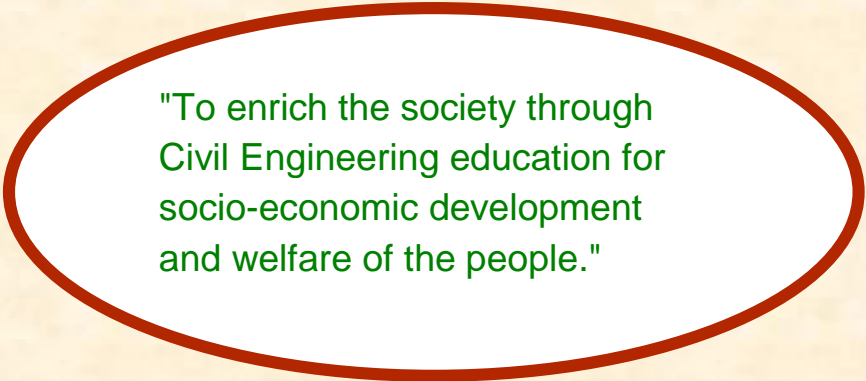
HOD s Message:



This newsletter published for the year 2015-16 is dedicated entirely to the subject of Geo Technical Engineering. Especially remedies to failures. In the prior edition geo technical failures were discussed. Current edition is entirely dedicated to the various remedies to the geo technical failures occurred across the World.



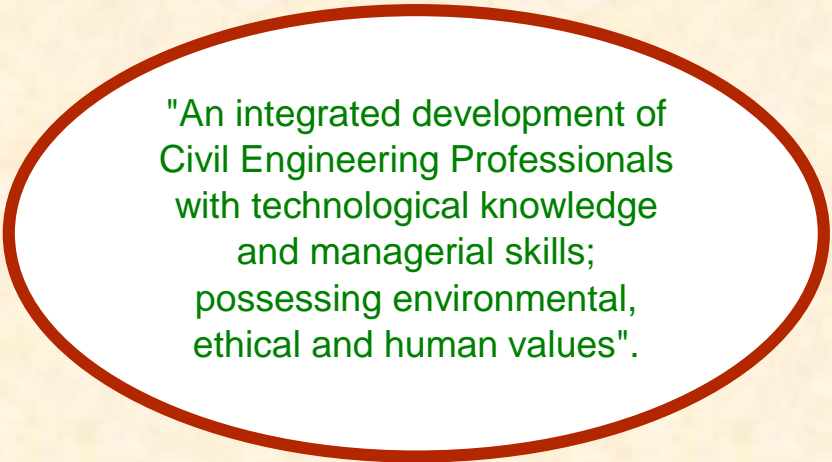
DEPARTMENT
VISION



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- **Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.**

*Shall We Start
Applying the lessons*

!!!!!!!!!!!!

Drilled shaft for foundation repair



- *Note the concrete cylinders adjacent to the shaft, these are "pressed piles" or what we prefer to call "pushed cylinders".*
- *That system failed so another foundation repair company that does not use pressed pilings was called to improve the foundation system using drilled concrete piers.*

Foundation Improvement

- *This is our preferred foundation improvement element.*
- *Properly designed and constructed drilled piers will prevent future settlement and provide some uplift resistance to swelling clay soil for the pier element itself (i.e. using adequately deep straight shaft piers or using a belled pier), reducing the risk of the slab*



Stabilisation of the Tower of Pisa



- *The Tower is founded on weak, highly compressible soils and its inclination has been increasing inexorably over the years to the point at which it was about to reach leaning instability.*
- *The Committee adopted a controlled removal of small volumes of soil from beneath the north side of the Tower foundation (under excavation).*
- *This technique provided an ultra-soft method of increasing the stability of the Tower.*

Slope Failures Mitigation Measures

- *Retaining walls are used to stabilize the slopes surrounding a property.*
- *Rock bolts are used to stabilize slopes that are composed mainly of fractured rocks*
- *Concrete frames are laid on a slope, within which plants grow to protect the slope from weathering and erosion*



SUCCESS EMERGING OUT OF FAILURES

National/International Conferences /Seminars/Workshops Organized:

A one day National seminar on 'Advances in Water Resources Engineering (AWARE)' was organized by the department of Civil Engineering on 26th September 2015. Resource persons, Prof. N.V.Umamahesh, NIT, Warangal Prof.D.Nagesh Kumar, IISc, Bangalore Prof. K.Srinivasa Raju BITS PILANI, Hyderabad gave talk on topics like Applications of Optimization Techniques in Water Resources Engineering, Introduction to RS&GIS and its Applications in Water Resources Engineering and introduction to ANN and its application in Water Resources Engineering. Nearly, 100 students and 40 faculty members from various engineering colleges across the State got benefited from this seminar.

Book Publications by Faculty:

- A Book authored by Dr. K.S.Sairam entitled 'Design of steel Structures' has been revised by Pearson education, India, 2015, ISBN: 948-93-325-4210-5

Guest Lecture Delivered by Faculty

- Prof.M.Rama Rao, delivered a guest lecture on 'Mind Map and Memory Techniques' for the Faculty of Chirala Engineering college, in ISTE approved one week induction training programme at Chirala Engineering college on 1st December 2015.

Prof. M. Rama Rao, delivered a guest lecture on 'Mind Map and Memory Techniques' for the final year B.Tech students, at Bapatla Engineering college, Bapatla on 1st December 2015.

Research Papers Published in Refereed Journals:

- A research paper on 'Functionally graded materials an overview' written by Asst Prof, N. Tejaswini, K. Ramesh Babu and Prof., K. S. Sai ram, was published in the International Journal of Advances in Engineering Science and Technology (IJAEST), Vol 4, Issue 3, pp.183-188, ISSN : 2319-1112.
- A research paper on 'CBR studies on expansive soil using stabilized rice husk ash cushion' written by Prof, M. Rama Rao and Assistant Prof., K. Ramesh Babu and K. Siva Kiran, was published in the International Journal of Engineering Science and Management (IJESM), Vol. 1, Issue 2, pp.54-59, ISSN : 2454-4140.
- A research paper on 'A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio' written by Assistant Prof M. L. N. Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar, was published in the International Journal of Engineering Science and Management (IJESM), Vol. 1, Issue 2, pp.193-199, ISSN : 2454-4140.

Paper Presentations in Conferences/Seminars/published in proceedings:

- Prof M.Rama Rao Assistant Prof P.Samatha Chowdary , Published and presented a paper on "Influence of Curing Period on Lime-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives" at Indian geotechnical conference organized by Indian Geotechnical society during 17th-19th December 2015.PP:77-79.
- Prof. K.S.Sai Ram, T.A.Vijaya Jyothi 'Transient response of laminated composite spherical shell cap' at international conference on Innovations in Structural Engineering organized by Department of Civil Engineering by Osmania University during 14th-16th December,pp.55-59.
- Assistant Prof M. L. N.Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar Published and presented a paper on 'A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio' at international conference in engineering science and management "organized by TR Publications on 8th November at AGRA pp.379-384, ISSN :978-81-931974-0-0.
- Prof . A.Srinivasa Prasad and Assistant Prof. K.Leela Krishna presented and published a paper on 'Forecasting Inflow of Srisilam dam using Artificial Neural Networks ' at one day National Conference on water environment and society organized by Centre for

Water Resources JNTU Hyderabad organized during 30th -31st July, pp.568-573, ISSN :978-93-83635-87-0.

Conferences/ Symposia/Workshops Attended

- Prof. A.Srinvasa Prasad, Assistant professor K.Leela Krishna attended a two day workshop on 'Urban Flood Management', organized by Centre of water resources management, Department of Civil Engineering, BITS Pilani, Hyderabad campus on 20th & 21st November 2015.
- Prof. A.Srinvasa Prasad, Assoc.Prof., P.V.S.Maruthi Krishna, Assistant professor, M.L.N. Krishna Sai, J.Usha Kranti, M.Srikanth Kumar K.Leela Krishna, K.Sushmita Chowdary attended a two day workshop on 'Applications of Computational Techniques in Engineering 2015' organized by Chemical Department, R.V.R& J.C. College of engineering, Chowdavaram Guntur, during 6th - 7th t November 2015.
- Professors. M.Rama Rao attended a national summit on 'Quality in Education', organized by CII-Insitute of Quality, Bangalore during 22nd-23rd September 2015.
- Professors. M.Rama Rao, A.Srinvasa Prasad, Assoc.Prof., P.V.S.Maruthi Krishna, Assistant professor K .Leela Krishna attended a one day national seminar on 'Structural Hazards and Allied Knowledge of Earthquakes (SHAKES) ', organized by IGC Guntur Chapter and MVR College of Engeering, Kanchikacherla mandal, Krishna Dt., on 29h August 2015.
- Professors. M.Rama Rao attended a one day workshop on 'Recent Advances in Civil Engineering', organized by

IGS- Guntur Chapter and Chirala Engineering college on 25th July 2015.

- *Professors. M.Rama Rao attended a one day workshop on 'Lessons Learnt from Recent Earthquakes and Land Slides' organized by IGS- Pune Chapter and College of Engineering Pune on 11th July 2015.*

Any other relevant information

K.Leela Krishna have become a Life member with ID No: LM-2015-7613 in "Indian Water Resources Society (IWRS)

Success is born from the womb of failure.

*Dr.K.Srinivasu
HOD, Civil Engg.*

LESSONS FROM FAIURES

EDITOR:Dr. K.Srinivasu

CO-EDITOR: Mrs. P.Samatha Chowdary

DEVELOPERS:

B.POOJA(Y13CE808)

G.SURYA PRAKASH(Y13CE850)

COMMITTEE MEMBERS

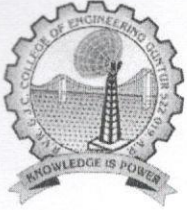
M.SIVA(Y14CE890)

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Newsletter notices and minutes of meeting 2016-17



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 18.11.2015

NOTICE

This is to inform you that the meeting of the Department news letter of Civil Engineering Department for the Academic Year 2016-2017 is scheduled at 10.00 A.M. on 18.11.2015 (Saturday) at HOD'S chamber, Civil Engineering Department.
The Agenda for the meeting is:

AGENDA

1. To decide theme for issues of a Structural engineering
2. To prepare a news letter for jan-june 2016-17.
3. Any other item(s) with the permission of the chair.


(Dr.K.Srinivasu)
HOD, CE

**MINUTES OF THE MEETING OF THE DEPARTMENT NEWS
LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC
YEAR 2016-17 HELD ON 18.11.2015 (SATURDAY) HOD'S CHAMBER,
CIVIL ENGINEERING DEPARTMENT.**

Member's present:

1.	Dr.K.Srinivasu Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>K.Srinivasu</i>
2.	Dr.P.Ch.SanjeevaRao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convener <i>P.Ch.Sanjeeva Rao</i>
	Dr.K.S.Sairam, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>K.S.Sairam</i>
3.	Dr.M.RamaRao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M.Rama Rao</i>
4.	Sri..MaruthiKrishna ,Associate Professor, Department of Civil Engineering ,R.V.R. & J.C.College of Engineering.	Member <i>M. Maruthi Krishna</i>
5.	SmtJ.UshaKranti, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>J.UshaKranti</i>
6.	Dr. C.N.V. Satyanarayana Reddy, Professor and HOD, Department of Civil Engineering, A.U.College of Engineering, Andhra University. - Alumni Academician	Member <i>C.N.V. Satyanarayana Reddy</i>
7.	Sri Ram Narayan, PRG build con India private Ltd.(RINL),Visakhapatnam-32, Alumni Private Organisation	Member <i>S. Ram.</i>
8.	M.Dilip Kumar,Managing Director,Maran Software Pvt.Ltd., Hyd- Alumni-Entrepreneur	Member <i>M.Dilip Kumar</i>
9.	NVSL Sahitya,AEE, APPH Corporation, Eluru Alumni Government Employee	Member <i>Sahitya</i>

AGENDA

To discuss about the:

1. To decide theme for issues of a Structural engineering
2. To prepare a news letter for jan-june 2016-17.
3. Any other item(s) with the permission of the chair.

MINUTES:

- This year has been enmarked to the field of Structural Engineering with i.e June Dec issue related to ancient marks in strcutures.

K.Srinivasu
(Dr.K.Srinivasu)
HOD, CE



Line in Line with Ancestors

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2016-17 | JAN-JUNE 2016 |



HOD s Message:



This newsletter published for the year 2016-17 is dedicated entirely to the subject of structures. Especially buildings. In the prior edition historical prominent buildings were discussed. Current edition is entirely dedicated to the amazing buildings constructed.



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- V. To train the students to mitigate natural /environmental disasters and to inculcate professional ethics and human values.

PROGRAM OUTCOMES

- Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.
- Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, and Fluid Mechanics to solve Civil Engineering problems.
- Graduates will have generalized knowledge in Civil Engineering and inter-disciplinary knowledge to design and execute Civil Engineering Projects.
- Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.
- Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.
- Graduates will have an ability to identify, formulate and solve engineering problems.
- Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.
- Graduates will have computational and drafting skills.
- Graduates will be professionally competent with managerial and communication skills.
- Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.
- Graduates perform professional duties with environmental, ethical and human values.
- Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.

*LET US RUN IN
MILES TO HAVE A
LOOK AT
WONDERS BY
THE ANCESTORS*

!!!!!!!!!!!!!!!

THE DOME OF ROCK

- The dome of the rock golden-color dome and Turkish faience tiles dominates the cityscape of old Jerusalem and in the 7th century served as a testament to the power of the new faith of Islam.
- The dome of the rock is one of the earliest surviving buildings from the Islamic world.



The Cologne Cathedral

- The Cologne Cathedral is renowned as a masterpiece of Gothic architecture and is also home to numerous works of art and the tombs of 12 archbishops.
- The Cologne Cathedral is Germany's most visited landmark and attracts thousands of visitors yearly.
- It is a High Gothic five-aisled basilica whose construction was started in the year 1248 only to get be stopped midway in 1473.



Leaning Tower of Pisa

- The Leaning Tower of Pisa is a building in Pisa, Italy.
- It is a bell tower.
- It is famous because it is not vertical.
- In 1990 the tower was leaning at 5.5 degrees and increasing.
- After that, much restoration work has been done to stop it from falling over completely.



The Shard, London

- The Shard, London Sitting at the heart of London, the Shard is an 87-storey skyscraper popularly referred to as the Shard of Glass.
- The construction of this iconic London skyscraper began in 2009 and was completed three years later in 2012.
- The building was designed by the architect Renzo Piano and is the tallest building in Western Europe.



National Seminar and Workshops:

A one day National Seminar on 'Recent Advances in Pavements for Infrastructure Development (RAPID)' was organized by the department on 19 March 2016. Resource Persons, Prof. G.L.Sivakumar Babu, I.I.Sc., Bangalore, Er.D.V.Bhavanna Rao, Project Manager, TPQA, NCRMP, Egis-India Consulting engineers Pvt Ltd., Chief Engineer R&B retired, Dr.S.Sireesh, Associate Professor, IIT-Hyderabad, Dr.V.Ramachandra, Vice President (Tech) - South, UltraTech Cement Ltd., Bangalore, Prof.A.Veeraraghavan IITM, Chennai has enlightened the participants about recent developments in road infrastructure, Construction and performance monitoring of geo-synthetic reinforced flexible pavements, Structural Evaluation of Pavements using Falling Weight Deflectometer (FWD), Ground Penetration Radar applications in Pavement Performance and White topping.

Nearly, 100 students and 40 faculty members from various Engineering colleges across the State got benefited from this seminar.

A one day National level Techno Fest 'Civil Carnival' was conducted by Department of Civil Engineering for undergraduate students on 11 February 2016.

Guest Lecture Delivered by Faculty:

Professor M.Rama Rao delivered a guest lecture on 'Mind Map' on 16 February 2016 at MVR Engineering College, Paritala,

Research Papers Published in Refereed Journals:

A research paper on 'A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete' written by HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, was published in ELK Asia Pacific Journals -Special Issue,pp:4-9, ISBN: 978-81-930411-5-4.

·A research paper on 'A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method' written by HoD Dr.K.Srinivasu, Associate Professor R.Surendra Babu, Assistant Professor, J.Usha kranti, was published in ELK Asia Pacific Journals -Special Issue,pp:16-21, ISBN: 978-81-930411-5-4.

Paper Presentations in Conferences /Seminars/published in proceedings:

Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, presented a paper on 'Optimal Steady-State Reservoir Operating Policy by Stochastic Dynamic Programming' at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology JNTU, Hyderabad during 6-8 June 2016, and the same was published with pp:26-34,ISSN-978-98-5230-124-9.

Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, N.V.Uma Mahesh presented a paper on 'Optimal Reservoir Operating Policies using Genetic Algorithm' at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology JNTU,

Hyderabad during 6-8 June 2016, and the same was published with pp:18-26, ISSN-978-98-5230-124-9.

· Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, presented a paper on 'Integrated Reservoir Operation and Scheduling' at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology JNTU, Hyderabad during 6-8 June 2016, and the same was published with pp:288-295, ISSN-978-98-5230-124-9.

Associate Professor, P.S.S.Maruthi Krishna, Assistant Professor, M.Srikanth Kumar presented a paper on 'Kinetics And Equilibrium Studies for the Removal of Heavy Metals In Both Single And Binary Systems Using Hydroxyapatite' at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology JNTU, Hyderabad during 6-8 June 2016, and the same was published with pp:348-356, ISSN-978-98-5230-124-9.

· Professor, M.Ramarao, Assistant Professor, P.Samatha Chowdary, published a paper on 'Influence of Curing Period on Cement-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives.' at a two day International Conference on Advances In Civil Engineering and Sustainable Construction organized by SRM University, Chennai during March 30 - 1 April 2016 with pp.834-840, ISSN 978-2-35158-161-2.

HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, presented a paper on 'Experimental studies on mechanical properties of concrete with copper slag as partial replacement of fine aggregate' at a two day International Conference on

Advances In Civil Engineering and Sustainable Construction organized by SRM University, Chennai during March 30 - 1 April 2016 and the same was published with pp.174-184 ,ISSN 978-2-35158-161-2 .

HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, presented a paper on 'A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete 'at a two day International Conference on Smart Cities organized by Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada during 25-26 February 2016 and the same was published with pp.34-37, ISBN: 978-81-930411-7-8.

HoD Dr.K.Srinivasu, Associate Professor R.Surendra Babu Assistant Professor, J.Usha kranti, presented a paper on 'A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method' at a two day International Conference on Smart Cities organized by Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada during 25-26 February 2016 and the same was published with pp.93-98, ISBN: 978-81-930411-7-8.

Conferences/ Symposia/Workshops Attended

Assistant Professors, Syed Syeed Ahmmed, K.Anjeneyulu, G.Venkata Krishna, V.Phaní Sankar attended short term course on 'Design and Construction of Steel Structures' organized by National Institute of Technical Teachers Training & Research, NITTTR, Chandigarh, during 23-27 May 2016.

Assistant Professors N.Tejaswini, Y.Madhavi, R.Vaishnavakumar, B.Krishna Chaitanya attended two week FDP programme on 'Computer Oriented Applications in Civil Engineering' organized by VNR Vignana Jyothi Institute of Engineering And Technology, Hyderabad, during 16-28 May 2016.

Assistant Professors M.Srikanth Kumar, P.SriLakshmi, R.Vaishnava Kumar, R.Satyasaideep, K.Ramesh babu attended one week short term course on 'Green and Energy Efficient Buildings' organized by National Institute of Technical Teachers Training & Research, NITTTR, Chandigarh, through ICT at P.V.P.Siddhartha Institute Of Technology Kanuru, Vijayawada.

Professor M.Rama Rao attended a one day National Workshop on 'Deep Foundation Technologies for Infrastructure Development' at ANU College of Engineering, Nagarjuna Nagar, organized by Deep Foundation Institute of India and IGS Guntur Chapter on 12 March 2016.

Assistant professor J.Usha Kranti attended a two day Workshop on 'Emerging Trends in Structural Engineering' organized by KL University, Guntur, during 11-12 March 2016.

Professor and HoD .K.Srnivasu , Professor M.Rama Rao, Associate Professor P.V.S.Maruthi Krishna, Assistant Professors M.L.N.Krishna, S.V.SatyaNarayana attended a two day National Seminar on 'Precast Structures' at Chalapathi institute of Engineering and Technology (CIET), Lam organized by CIET and IGS-Guntur chapter, during 20-21 February 2016.

Assistant Professors B.Harish, Syed Syeed Ahmmed, B.Krishna Chaitanya, N.Tejaswini, V.Phanisankar attended three day Workshop on 'Primavera' organised by Chalapatthi Institute of Technology (CIET), during 10-12 February 2016.

Assistant professors J.Usha Kranti, P.Srilakshmi, attended a National Seminar on 'Conjunctive use of Surface Water in Major and Medium Irrigation Projects' organized by Department of Civil Engineering V.R Siddhardtha Engineering College, Vijayawada and Water Resources Department of Andhra Pradesh, during 11-12 February 2016.

Student Industrial Tours and Short Visits

Second and third year Civil Students visited Pattiseema, Polavaram, Dhawaleswaram barrage and had an insight of different precast structures, gantry girders and bridge deck construction works during 5-6 February 2016.

Third year students Civil Engineering have visited Kanakadurga Flyover and observed the construction work of bored concrete pile, advancement of bore hole using auger, inserting reinforcement into bore hole and concreting of the bored pile for soil exploration on 19 January 2016.

Any other relevant information

K.Leela Krishna have become a Life member with ID No: LM-8386 in 'Indian Water Works Association'

Dr.K.Srinivasu

HoD, Civil

Line in Lime with Ancestors

EDITOR:DR.K.SRINIVASU

CO-EDITOR:Mrs. P.Samatha Chowdary

DEVELOPERS:

A.VENKATESH(Y14CE813)

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G.MANIKANTA(Y15CE846)

K.YAGNA SREE(Y15CE876)

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G.VENKATASAIKARTHIK(Y14CE854)



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliapuram, Chowdavaram, GUNTUR - 522019

Dt: 18.07.2016

NOTICE

This is to inform you that the meeting of the Department news letter of Civil Engineering Department for the Academic Year 2016-2017 is scheduled at 10.00 A.M. on 23.07.2016 (Saturday) at HOD'S chamber, Civil Engineering Department.
The Agenda for the meeting is:

AGENDA

1. To decide theme for issues of a Structural engineering
2. To prepare a news Letter for July-December 2016-17.
3. Any other item(s) with the permission of the chair.

(Dr. K. Srinivasu)
HOD, CE

MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2016-17 HELD ON 23.07.2016 (SATURDAY) HOD'S CHAMBER, CIVIL ENGINEERING DEPARTMENT.

Member's present:

	<i>P.C.B. Sanjeeva Rao</i>	<i>convener</i>
1.	Dr. [Name], Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	<i>Member</i> <i>[Signature]</i>
2.	Dr. K. Srinivasu, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	<i>Member</i> <i>[Signature]</i>
3.	Dr.M.RamaRao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M.RamaRao</i>
4.	Smt. P. SamathaChowdary, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>Samatha</i>
5.	M.R. Kumar Reddy(Y15CE890) R.V.R. & J.C.College of Engineering.	Member <i>M.R. Kumar Reddy</i>
6.	P. SWAPNA(Y15CE920) R.V.R. & J.C. College of Engineering.	Member <i>P. Swapna</i>
7.	Y.N.KOTESWARA RAO(Y14CE977) R.V.R. & J.C.College of Engineering.	Member <i>Y.N. Koteswara Rao</i>
8.	T.P.L.S.NAGA PRASAD(Y14CE955) R.V.R. & J.C.College of Engineering.	Member <i>T.P.L.S.N. Prasad</i>

AGENDA

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MINUTES:

1. It is to include Sky Scrappers in Issue of July-December 2016-17

[Signature]
(Dr. K. Srinivasu)
HOD, CE



Touch the skies

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2016-17 | JULY -DECEMBER 2016 |



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*WE THE CIVIL ENGINEERS
ENJOY TO TOUCH
THE HEIGHTS OF
SKIES*

!!!!!!!!!!!!!!

Eton Place Dalian

- *Eton Place Dalian is a skyscraper complex in Dalian, China.*
- *The tallest tower is 388 m high and has 81 floors.*
- *It was completed in 2015.*
- *The tower shares a podium with Eton Place Dalian Tower 2, or Super tower Two, which is a high-end residential project offering serviced apartments and small office/home office (SOHO) accommodations.*



Federation Tower

- *The Federation Tower is a complex of two skyscrapers built on the 13th lot of the Moscow International Business Center (MIBC) in Moscow, Russia.*
- *The two skyscrapers are named Tower East and Tower West*
- *The supertall skyscraper Tower East (Vostok) is currently the second tallest skyscraper in Europe and Russia after Lakhta Center, and the 46th-tallest building in the world. Zapad is a shorter skyscraper than Vostok and is the 11th-tallest building in Russia..*



Guangzhou Chow Tai Fook Finance Centre

- The Guangzhou CTF Finance Centre is situated on a 290,000-square-foot (27,000 m²) lot along Zhujiang East Road in Zhujiang New Town, Guangzhou's central business.
- The Guangzhou CTF Centre is part of the Guangzhou Twin Towers.
- The other tower of the pair, the 1,439-foot (439 m) tall Guangzhou International Finance Center, is located on the other side of the axis and is also known under the name "West Tower".



Wuhan Center

- Wuhan Center is a super tall skyscraper in Wuhan near Wuhan Business District Station in Jianghan District, Wuhan, Hubei, China.
- The skyscraper's construction started in 2009, and is due to be completed by 2017.
- It is now the tallest building in Central China, and the first building in Wuhan to exceed 400 meters (1312 feet)



Guest Lectures Delivered

- Principal Dr. K. Srinivasu delivered a guest lecture on 'Introduction of Computer Applications in Civil Engineering' to enlighten the B.Tech Civil Engineering students organized by Kallam Haranadha Reddy Institute of Technology, Guntur on 18 December, 2016.
- Prof M.Rama Rao, delivered a theme lecture on 'Geotechnical Engineering through Mind Maps' in Indian Geotechnical Conference (IGC 2016), organized by IIT Madras during 15-17 December, 2016.
- Prof M.Rama Rao, delivered a theme lecture on 'Mind Map-Flower of Intelligence' in a FDP Programme organized by Vardhaman Engineering College, Shamshabad on 9 December, 2016.
- Principal K.Srinivasu acted as Chief Guest for the two day International Conference 'IC KITS' organised by Civil Engineering Department , KKR and KSR Institute of Technology and Sciences during 11-12 November,2016
- Prof M.Rama Rao, delivered a guest lecture on 'Multiple Intelligence' organized by Vignan University, Vadlamudi, on 25 October, 2016.
- Prof M.Rama Rao, delivered a session lecture on 'A few case studies in expansive soils' in one day National Seminar on case studies in Geo-technical Engineering Practice, organized by Tirumala Engineering College, Narasaraopet, on 22 October, 2016.

- Prof M.Rama Rao, delivered a guest lecture on 'Mind Map' organized by Vishvodaya Engineering College, Kavali, on 3 October, 2016.
- Prof M.Rama Rao, delivered a guest lecture on 'Mind Maps-keys for Success' organized by Loyola Institute of Engineering and Technology, Sattenapalli, on 15 July, 2016.

Research Paper Publications

- A research paper on 'Blending of Functionally Graded Spherical Shells' written by Professor K.S.Sai Ram, P.G students, B.Swathi, K.P.Manjusha, Principal Dr.K.Srinivasu, was published in Journal of Aerospace Sciences of Aeronautical Society of India, Vol.68, Issue3, pp.181-193, ISSN 0972-950X, August 2016.

Paper Presentations in Conferences

- Principal, Dr. K.Srinivasu, J.UshaKranti, Assistant Professor, A.Naga Sai, presented a paper on 'A Study on Properties of Copper Slag as Partial Replacement of Fine Aggregate with different Percentages in Concrete' at Structural Engineering Convention 2016, organized by CSIR - Structural Engineering Research Centre jointly with Indian Institute of Technology Madras, Anna University under the auspices of Indian Association for Structural Engineering (IASE) & Indian Concrete Institute (ICI) during 21-23 December, 2016. And the same was published in the proceedings with pp.710-715.

- Professor M.Rama Rao, P.Samatha Chowdary, Assistant Professor, presented a paper on 'Durability studies on Lime-Stabilized expansive soils using Rice husk ash and Stone dust as Additives' in IGC 2016 (Geotechnology through global standards) organized by IIT Madras during 15-17 December, 2016, and the same was published with pp.98 in souvenir of abstracts of invited and accepted papers.
- Professor, Dr.A.Srinivasa Prasad, K.Leela Krishna, Assistant Professor, presented a paper on 'Deriving Optimal Rule Curves of Nagarjuna Sagar Reservoir by GA" in National Conference on Water Resources Management in Coastal areas, organized by National Institute of Hydrology, Kakinada during 8-9 December, 2016.
- Conferences/Workshops Attended
- Assistant Professors, M. Suresh, G.Sanijya, attended a one day Conference on 'Ports and Logistics' organized by CII at hotel Fortune International Vijayawada on 29 November, 2016.
- Associate Professor, R.Surendra babu attended four day International Conference REDECON-2016 on 'Tall Structures' organized by Association of Consulting Civil Engineers India, (ACCI (I)) Bangalore, at Nimhans Convention Center, Bangalore, during 9-12 November, 2016.
- Associate Professor, R.Surendra babu, Bhaskar Singh B, Syed Syeed Ahammed, M.G.Harish, R. Vaishnava kumar, K. Ramesh babu, R.S. Saideep, B. Krishna

Chaitanya, G. Venkata Krishna, K. Anjaneyulu, R.Surendrababu, S.V. Satyanarayana, N.V. Sairamkumar, M.L.N. Krishna sai, R. Kalaivannan, J.Ushakranti, Y. Madhavi, K.Sushmithachowdary, N.Tejaswini, Assistant Professors, K.Sridevi -Technician-A, attended 5 day Skill Development Programme on 'RIVET Structures' organized by AP State Skill Development Centre (APSSDC), at RVR & JC College of Engineering, during 24-28 October, 2016.

- N. V. Sairamkumar, Assistant Professor attended a one week FDP on 'Advanced Software Training in Civil Engineering' under Industry Institute Interaction Program of TEQIP II-SC1.2 organised by Department of Civil Engineering, V.R.Siddhartha Engineering College, Vijayawada during 3-8 October, 2016.
- P.V.S.Maruthi Krishna, R. Surendra Babu, Associate Professors, M. Srikanth Kumar, K.Leela Krishna, U.Pallavi, Assistant Professors, attended one day Workshop on 'Environmental Studies: Innovative Teaching Methodologies' organized by RVR & JC College of Engineering on Oct 3 , 2016.
- Professor, Dr. A.Srinivasa Prasad, R. SurendraBabu, Associate Professor, M. Srikanth Kumar, K.Leela Krishna, Bhaskar Singh B, U.Pallavi, Assistant Professors, attended a National Seminar on 'March to Make in India through Engineering Advancements (MMIEA)' organized by RVR & JC college of Engineering during 29-30 September, 2016.

- Assistant Professors, K. Ramesh babu, R. S.Saideep, attended a Short Term Course on 'Recent Advancements in Soil Dynamics' organized by IIT, Kanpur during 13-17 September, 2016.
- Assistant Professors, Syed Syeed Ahammed, M.G.Harish, attended an one week FDP on 'Structural and Foundation Engineering' under TEQIP organized by Sri Vishnu College of Engineering for Women, Bheemavaram, during 25–29 July, 2016.
- Assistant Professors, M. Suresh , G.Sanijya, Y.Madhavi, P. Srilalkshmi, M.G.Harish, R. Vaishnava kumar, K. Sushmitha chowdary, N.Tejaswini, attended a four week FDP on 'Use of ICT in Education for Online and Blended Learning' organized by IIT Bombay through ICT at RVR & JC College of Engineering during 2 May – 10 July 2016.

Result Analysis

Year	Total Appeared	Total Pass	Pass%
IV/IV B.Tech (VII Semester)	200	160	80
III/IV B.Tech (V Semester)	197	136	69.04
II/IV B.Tech (III Semester)	212	148	69.81
I/IV B.Tech (1 Semester)	173	79	45.66
I/II M.Tech 1 Semester	15	15	100

Dr,K.Srinivasu

H.OD,Civil

TOUCH THE SKIES:

EDITORS:DR.K.SRINIVASU

CO-EDITOR: Mrs. P.Samatha Chowdary

DEVELOPERS:

Y.N.KOTESWARA RAO(Y14CE977)

T.P.L.S.NAGA PRASAD(Y14CE955)

COMMITTEE MEMBERS:

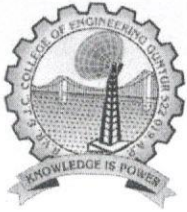
M.R.KUMAR REDDY(Y15CE890)

P.SWAPNA(Y15CE920)

Y.N.KOTESWARA RAO(Y14CE977)

T.P.L.S.NAGA PRASAD(Y14CE955)

Newsletter notices and minutes of meeting 2017-18



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 08.11.2016

NOTICE

This is to inform you that the meeting of the newsletter of Civil Engineering for the Academic Year 2017-2018 is scheduled on 08.11.2016 (Saturday) at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a Transportation engineering
2. To prepare a newsletter for Jan-june 2017-18
3. Any other item(s) with the permission of the chair.

(Dr.K.SRINIVASU)
HOD, CE

**MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL
ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2017-18 HELD ON
08.11.2016 (SATURDAY)**

VENUE: HOD'S CHAMBER, CIVIL ENGINEERING DEPARTMENT.

Members present:

1.	Dr.K.Srinivasu Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>K. Srinivasu</i>
2.	Dr.P.Ch.SanjeevaRao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convenor <i>P. Ch. Sanjeeva Rao</i>
	Dr.K.S.Sairam, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>K. S. Sairam</i>
3.	Dr.M.RamaRao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M. Rama Rao</i>
4.	Sri..MaruthiKrishna ,Associate Professor, Department of Civil Engineering ,R.V.R. & J.C.College of Engineering.	Member <i>M. Maruthi Krishna</i>
5.	SmtJ.UshaKranti, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>J. Usha Kranti</i>
6.	Dr. C.N.V. Satyanarayana Reddy, Professor and HOD, Department of Civil Engineering, A.U.College of Engineering, Andhra University. - Alumni Academician	Member <i>C.N.V. Satyanarayana Reddy</i>
7.	Sri Ram Narayan, PRG build con India private Ltd.(RINL),Visakhapatnam-32, Alumni Private Organisation	Member <i>S Ram</i>
8.	M.Dilip Kumar,Managing Director,Maran Software Pvt.Ltd., Hyd- Alumni-Entrepreneur	Member <i>M. Dilip Kumar</i>
9.	NVSL Sahitya,AEE, APPH Corporation, Eluru Alumni Government Employee	Member <i>Sahitya</i>

AGENDA

1. To decide theme for issues of a Transportation engineering
2. To prepare a news letter for jan-june 2017-18.
3. Any other item(s) with the permission of the chair.

MINUTES:

- This year has been enmarked to the field of Transportation Engineering with i.e June - Dec issue

K. Srinivasu
(Dr.K.SRINIVASU)
HOD, CE



TRAVEL ALONG TIME MACHINE ROAD

CIVIL ENGINEERING DEPARTMENT

NEWS LETTER

2017-18

| JAN – JUNE 2017 |

HOD's Message:



This newsletter published for the year 2017-18 is dedicated entirely to the subject of roads. Especially machine roads. In the prior edition historical prominent highways were discussed. Current edition is entirely dedicated to the amazing machine roads constructed through dangerous areas that gives an immense pleasure of time machine while we travel.

DEPARTMENT VISION

"To enrich the society through Civil Engineering education for socio-economic development and welfare of the people."

DEPARTMENT MISSION

"An integrated development of Civil Engineering Professionals with technological knowledge and managerial skills; possessing environmental, ethical and human values".

Program Educational Objectives

Upon graduation, students of the program will:

- I. To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.**
- II. To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.**
- III. To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.**
- IV. To mould the students professionally competent with managerial and communication skills.**
- V. To train the students to mitigate natural /environmental disasters and to inculcate**

Program Outcomes

- Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.**
- Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, Fluid Mechanics to solve Civil Engineering problems.**
- Graduates will have generalized knowledge in Civil Engineering and inter-disciplinary knowledge to design and execute Civil Engineering Projects.**
- Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.**
- Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.**
- Graduates will have an ability to identify, formulate and solve engineering problems.**
- Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.**
- Graduates will have computational and drafting skills.**
- Graduates will be professionally competent with managerial and communication skills.**
- Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.**
- Graduates perform professional duties with environmental, ethical and human values.**
- Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.**

*Shall We Start
Switch On Time
Machine*

!!!!!!!!!!!!



Appian Way

- *Appian Way is one of the earliest and strategically most important Roman roads of the ancient republic.*
- *It connected Rome to Brindisi, in southeast Italy.*
- *Its importance is indicated by its common name, recorded by Statii "Appia longarum... regina viarum" the Appian Way the queen of the long roads"*

Reconstructed Ancient cliff

- *The Shudao, or the Road to Shu, is a system of mountain roads linking the Chinese province of Shaanxi with Sichuan (Shu), built and maintained since the 4th century BC.*
- *Technical highlights were the gallery roads, consisting of wooden planks erected on wooden or stone beams slotted into holes cut into the sides of cliffs.*



Department of Civil Engineering important stations in Time machine journey.

Dr.M.Rama Rao, Professor became LIFE FELLOW of Indian Geotechnical society (LF-0547) with effect from the year 2017

National level Technical Fest

A three day National level Technical Fest - Civil Carnival was conducted during 17-19 February, 2017. Nearly, 120 students from various Engineering Colleges across the state attended this and got benefited from it.



Guest Lectures Organized

- *Mr..K.Srinivasa Rao, S.E, QC & QA Circle, Nuzvid, delivered a lecture on 'An insight to Polavaram Project and Velugonda Tunnel' on 19 Feb., 2017. In his lecture, he enlightened students about various technical issues that were considered in the design of Polavaram project.*
- *Scientist .G.Prabhakar, Nuclear Power Corporation of India, Mumbai, delivered lecture on 'Design forces and beyond Design Basis and Design beyond Basis events and overview and career opportunities with Department of Atomic Energy (DAE)' on 17 Feb., 2017. In his lecture, he enlightened the students of Civil Engineering about various career opportunities with Department of Atomic Energy (DAE).*
- *Dr.B.V.Mudgal , Professor, Center for Water Resource, Anna University ,Chennai delivered lecture to all second and third year B.Tech students on 'Fundamentals of Fluid Mechanics and their Applications' on 23 February, 2017. In his guest lecture, he enlightened the students about various basic concepts of Fluid Mechanics and Applications of Flow Theories in various disciplines.*
- *Dr.Chandrasekhar Putcha, Professor, Department of Civil and Environmental Engineering, California State University, Fullerton, delivered lecture to all the second and third year B.Tech students on 'Applications of Reliability and Risk Analysis in various Disciplines' on 14 June, 2017. In his guest lecture, he enlightened students about how risk can be mitigated and reduced in various fields by performing Reliability Analysis.*
- *Dr.Ranbir Sinha, Rocket Scientist, Switzer land, delivered lecture to third year B.Tech students on 'Effective Communication Skills for Engineers, Scientist and Educators' on 23 June, 2017. In his guest lecture, he enlightened the students about the immense importance of attitude, and communication skills.*

Faculty External achievements in Time Machine journey

Guest Lectures Delivered

- *Prof. K.S.Sairam delivered a guest lecture on 'Finite Element Method' organized by Kallam Haranadha Reddy Institute of Technology, Guntur on 16 February, 2017.*
- *Professor M.Rama Rao, delivered guest lectures at various institutions. Details are given below:*
 - *Lecture on 'Mind Map' organized by Chalapathi Institute of Engineering & Technology, Lam on 11 March, 2017.*
 - *Lecture on 'Multiple Intelligences' for the benefit of Civil Engineering staff of Andhra Loyola Institute of Engineering Technology, on 09 June, 2017.*
- *Dr.K.Srinivasu, delivered guest lecture on 'Finite Element Analysis using Isoperimetric approach' organized by Gudlavalleru College of Engineering, on 21 June, 2017.*

Research Paper Publications

- *Dr.k.S Sairam, 'Stability of web and flange tapered steel cantilever thin-walled beams and beam-columns' i-Managers Journal of Structural Engineering, Vol.6, No.2, PP: 20-24, June-August 2017*

Paper Presentations in Conferences

- N.V. Sairam Kumar, K.S. Sairam 'Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement' at International Conference on Emerging Trends in Materials and Manufacturing Engineering, organized by Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli, (NIT, Trichy) in association with Indian Institute of Metals, Trichy Chapter and Indian Welding Society, during 10-12 March, 2017.

Faculty footsteps in learn to reach oldest roads

Conferences/ Workshops/Short term Courses Attended

- Prof. A.Srinivasa Prasad, Associate Professor P.V.S. Maruthi Krishna attended National Seminar on 'Ethics and Human Values in Engineering', organized by RVR & JC College of Engineering, during 05-06 January, 2017.
- Associate Professor P.V.S. Maruthi Krishna & Assistant Professor M. Srikanth Kumar attended National Workshop on 'Waste Management Technologies for urban areas', organized by NIT Warangal during 23-25, January, 2017.
- Prof.M.Rama Rao attended a one day National Seminar on 'Geotechnical Investigation' organized by Vignana University in association with IGS-Guntur Chapter on 18 February, 2017.
- Prof.M.Rama Rao attended International Conference on 'Numerical Modeling in Geomechanics' organized by IIT

Roorkee in association with IGS-Roorkee Chapter during 3 - 4 March, 2017.

- *Professor A.Srinivasa Prasad, Assistant Professors M. Srikanth Kumar, K.Leela Krishna, U.Pallavi, attended one day National Workshop on 'Awareness on Green Initiatives for Sustainable Green Campus' organized by Department of Civil Engineering, P.V.P Siddhartha Institute of Technology on 15 March, 2017.*
- *Dr.K.Srinivasu attended orientation Workshop on 'Use of ICT in Education for Online and Blended Learning' organized by IIT Bombay on 25-26 March, 2017.*
- *Prof. A.Srinivasa Prasad, Asst.Prof. K.Leela Krishna attended training cum workshop on 'Irrigation Modernization' organized by Water resources department, government of Andhra Pradesh at Vijayawada, during 27-31 March, 2017.*
- *Prof.M.Rama Rao, Assistant Professors G.Harish, Syed Syed Ahammed, R.Vaishnav Kumar, B.Krishna Chaitanya, U. Pallavi, G.Sanjya attended one week course ICT based Short Term Course (STC) on 'Multimedia Tools and utilities' organized by remote centre of IIT Bombay of RVR & JC College of Engineering in association with the Department of Computer Science and Engineering, during 27-31 March, 2017 .*
- *Assistant Professors, Syed Syed Ahammed, M.G.Harish, V.Phaní Sankar, B.Krishna Chaitanya attended Faculty Improvement Program on 'Robot Structural Analysis' organized by APSSDC in association with Department Civil Engineering QIS College, College of Engineering and technology, Ongole during 17-22 April, 2017.*
- *Assistant Professors U.Pallavi, K.Sushmitha Chowdary, N.Tejaswini, Y.Madhavi, G.Sanjya attended FDP*

on 'C Programming' organized by R.V.R & J.C college of Engineering during 18-24 April, 2017.

- Assistant Professors G.Saniya, M.Srikanth Kumar, K.Leela Krishna attended FDP on 'Latex' organized by R.V.R & J.C college of Engineering during 12-14 June, 2017.
- Professor M.Rama Rao attended a one day National Seminar on 'Issues & Challenges in Geotechnical Engineering' organized by IGS-Bhubaneswar Chapter in association with IIT, Bhubaneswar on 8 July, 2017 .

Small adventures

Field trips

3rd year Civil Engineering students visited Durga fly over, Vijayawada on 24.03.2017. During the visit students were explained about the construction of Pile cap, pier and Casting of spine and wings for fly over at casting yard. They have been also explained about piling operation.



Fruits of completion

Academic Results

Year	Total Appeared	Total Pass
IV/IV B.Tech(VII Semester)	192	167
III/IV B.Tech(V Semester)	203	151
II/IV B.Tech(I Semester)	202	97
I/IV B.Tech(I Semester)	172	95
I/II M.Tech(II Semester)	15	15
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Altē Salzstraße

The Old Salt Route was a medieval trade route in Northern Germany, one of the ancient network of salt roads which were used primarily for the transport of salt and other staples.

In Germany it was referred to as Alte Salzstraße.

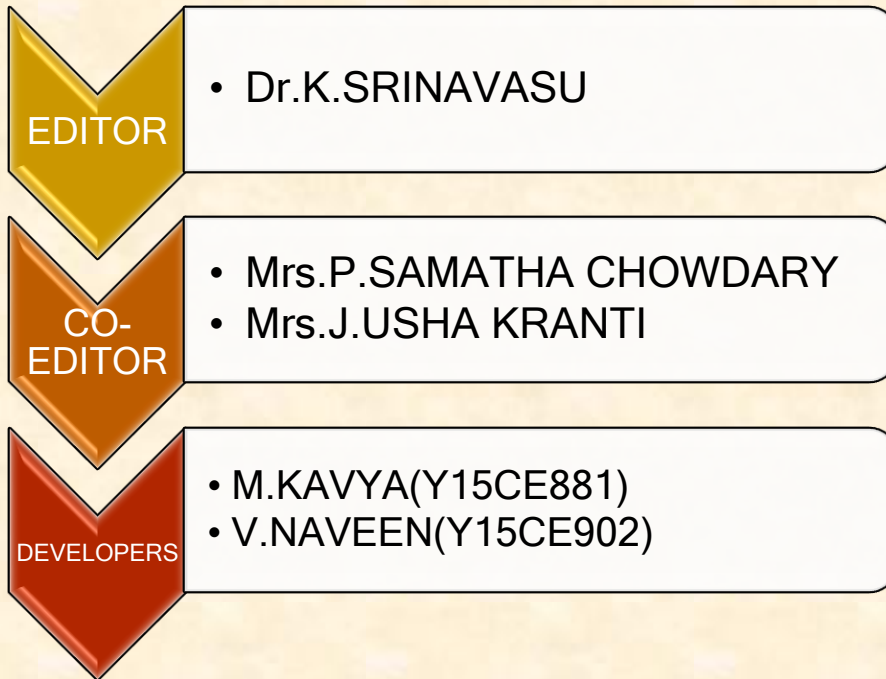


Vladimir Highway

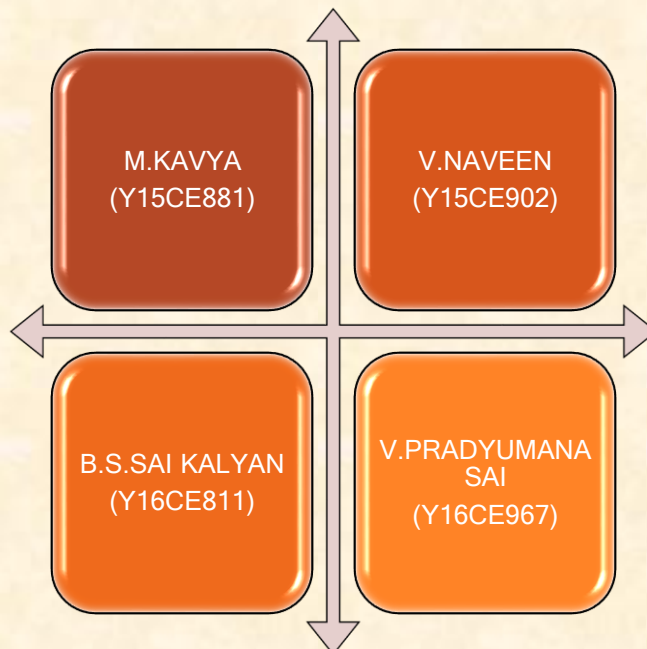
The Vladimir Highway, familiarly known as the Vladimirka, was a road leading east from Moscow to Vladimir and Nizhny Novgorod. Its length was about 190 kilometers



TIME MACHINE CREATORS



COMMITTEE MEMBERS





R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 08.08.2017


NOTICE

This is to inform you that the meeting of the Department news Letter of Civil Engineering Department for the Academic Year 2017-2018 is scheduled on 12.08.2017(Saturday) at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

Hence, all the members are requested to make it convenient to attend the Meeting and give your valuable suggestions for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a Transportation Engineering
2. To prepare a news Letter for July-December 2017-18.
3. Any other item(s) with the permission of the chair.


(Dr.K.SRINIVASU)
HOD, CE

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3.	Smt. P. SamathaChowdary, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>P. Samatha</i>
4.	K.Vamsi Krishna(Y17Ce088) R.V.R. & J.C.College of Engineering	Member <i>K. Vamsi Krishna</i>
5.	K.Jagdeesh(Y17ce069) R.V.R. & J.C.College of Engineering	Member <i>K. Jagadeesh</i>
6.	I.Karuna Sagar(Y16ce851) R.V.R. & J.C.College of Engineering	Member <i>I. Karuna Sagar</i>
7.	B.V.Ravi Teja(Y16ce813) R.V.R. & J.C.College of Engineering	Member <i>B.V. Ravi Teja</i>

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MINUTES:

1. It is Decided to aware of dangerous roads Issue of July-December 2017-18.

K. Srinivasu
(Dr.K.SRINIVASU)
HOD, CE



DRIVE THE ROLLER COASTER RIDE

CIVIL ENGINEERING DEPARTMENT NEWS LETTER

2017-18 | JULY – DECEMBER 2017 |

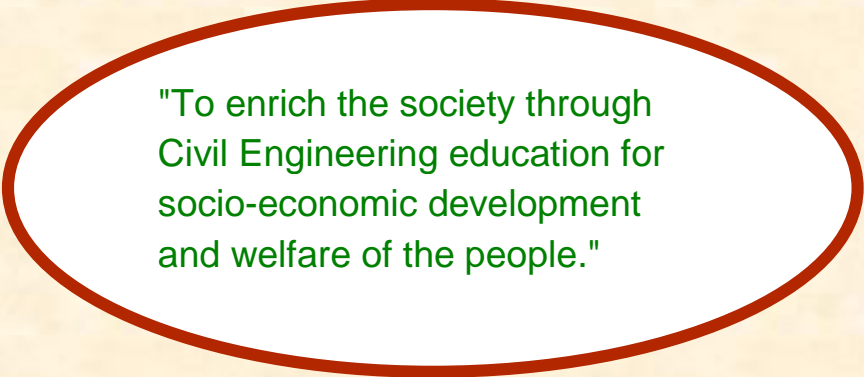
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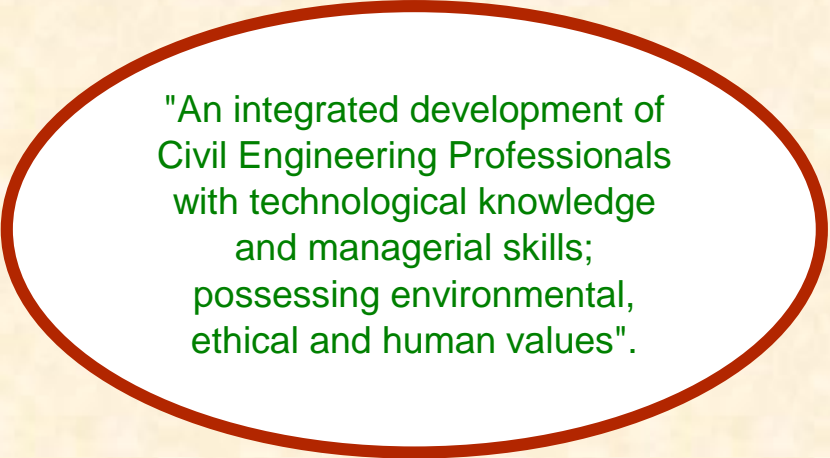
DEPARTMENT
VISION



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- **Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.**

*Shall We Start
A
Roller Coaster Ride
!!!!!!!!!!!!*



Killar to Pangí Road via Kishtwar, India

This gut-wrenching highway only applies to individuals who regularly drive in the hills and have steel nerves.

Killar to Pangí road is considered as the most dangerous road in the world.

This rocky, fragile mountain pass is about 70 miles long, open only during the summer months.

Especially deadliest is a six-mile stretch of road; rocky overhangs look like they might collapse on at any moment.

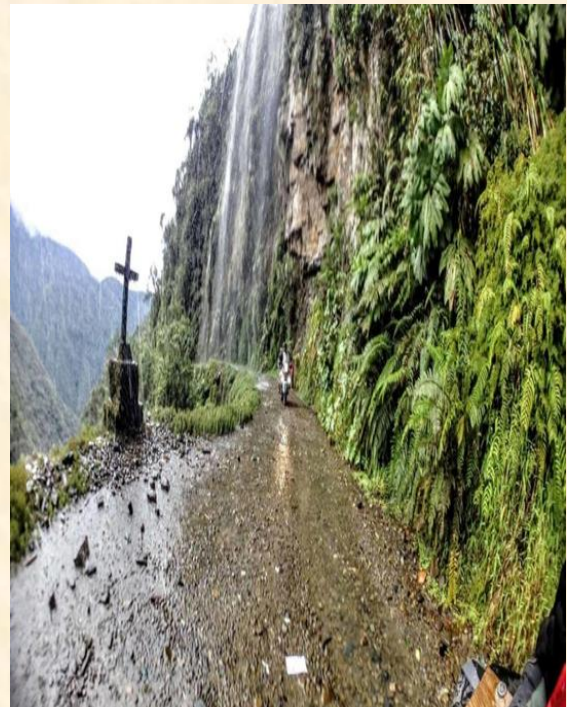
Road of Death, Bolivia

It's a good idea to travel on a highway nicknamed "The Road of Death."

The Road of Death, also known as Bolivian Yungas Road, connects La Paz to Coroico, which is almost 50 miles as a one-lane dirt road, with vertical drops of as much as 3,000 feet down into the Amazon rainforest.

Shockingly, there are over 200 hairpin turns on the road.

cyclists challenge the Death Road, and unsurprisingly, consider the road from South Yungas to Cochabamba is a death trap



Department of Civil Engineering important mile stones in roller coaster ride journey.

Dr.M.Rama Rao , Professor in Civil Engineering Department has taken the charge of HoD, Civil Department with effect from 07.12.2017.

Guest Lectures Organized

- Dr. Raghava Rao, Kommalapati, Director, Center for Energy & Environmental Sustainability (CEES), Prof. Department of Civil and Environmental Engineering, Prairie View A&M University delivered a lecture on 'Energy and Environmental Sustainability: Outlook, Challenges and Opportunities' on 22 Dec.2017. In his lecture, he enlightened students about various career opportunities in Civil Engineering together with relevant challenges faced by Civil Engineers in the society. He also enlightened the students on the need of construction of Environmentally Sustainable Construction Practices in construction industry.*
- Dr. T. Thyagarajan, Associate Professor, Department of Civil Engineering, IITM, Chennai delivered lecture on 'Lime precipitation technique' on 30 Nov.2017. In his lecture, he enlightened students about role of Lime Precipitation techniques in Ground Improvement.*

Faculty External achievements in roller coaster ride journey

Guest Lectures Delivered

- Professor, Dr. M. Rama Rao, delivered a guest Lecture on 'Problems with Expansive soils-solutions & Geotechnical Engineering through Mind Maps' for the benefit of Civil Engineering organized by SRK institute of Engineering. &*

Technology, Vijayawada on 08, Dec.2017 in Workshop on trends in Geo-Technical Engineering.

- *Professor, Dr. M. Rama Rao, delivered a guest Lecture on 'Cement stabilised fly ash cushion in expansive soils' & 'Civil Engineering through Mind Maps' for the benefit of B.Tech (Civil) students organized by Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada on 23, Nov.2017.*
- *Professor, Dr. P.Ch. Sanjeeva Rao, delivered a guest Lecture on 'Urban Rain Water Harvesting' organized by Andhra Pradesh Human Resources Development Institute APHRDI, for the benefit of various government officials at Bapatala on 21.11.2017.*
- *Professor, Dr. M. Rama Rao, delivered a guest Lecture on "Geotechnical Engineering made easy through Mind Maps" for the benefit of Civil Engineering students of BVC Engineering College, Odalarevu, East Godavari on 13.09.2017.*
- *Professor, Dr. M. Rama Rao, delivered a guest Lecture on 'Mind Maps and its applications' for the benefit of Civil Engineering students organized by Chalapathi Institute of Technology, Mothadaka, Guntur on 12.07.2017.*

Research Paper Publications

Dr.k.S Sairam, 'Stability of web and flange tapered steel cantilever thin-walled beams and beam-columns' i-Managers Journal of Structural Engineering, Vol.6, No.2, PP: 20-24, June-August 2017

Paper Presentations in Conferences

- *N, V. Sairam Kumar, K.S. Sairam 'Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement' at International Conference on*

Emerging Trends in Materials and Manufacturing Engineering, organized by Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli, (NIT, Trichy) in association with Indian Institute of Metals, Trichy Chapter and Indian Welding Society, during 10-12 March, 2017.

Faculty footsteps in learn to drive smooth roller coaster ride

Conferences/ Workshops/Short term Courses Attended

- Professor A.Srinivasa Prasad, Associate Professor R.Surendra Babu, Assistant Professors M.Srikanth Kumar, K.Leela Krishna, B.Bhaskar Singh, Syed Syed Ahammed, U. Pallavi attended AICTE approved Faculty Development Programme on 'Foundation programme in ICT for Education' Conducted by IIT Bombay through ICT during August 3-September 07, 2017.*
- Assistant Professors S.V.Satyanarayana, B.Krishna Chaitanya attended one day National Workshop on 'Construction Technologies for Speedy Constructions of Structures' organised by Department of Civil Engineering, P.V.P Siddhartha Institute of Technology, Vijayawada on 16 Sep., 2017.*
- Professor M.Rama Rao attended a one day National Conference on 'Problems and issues with expansive soils' organized by Chandigarh Chapter in association with Punjab University at Bhubaneswar on 8 October, 2017.*

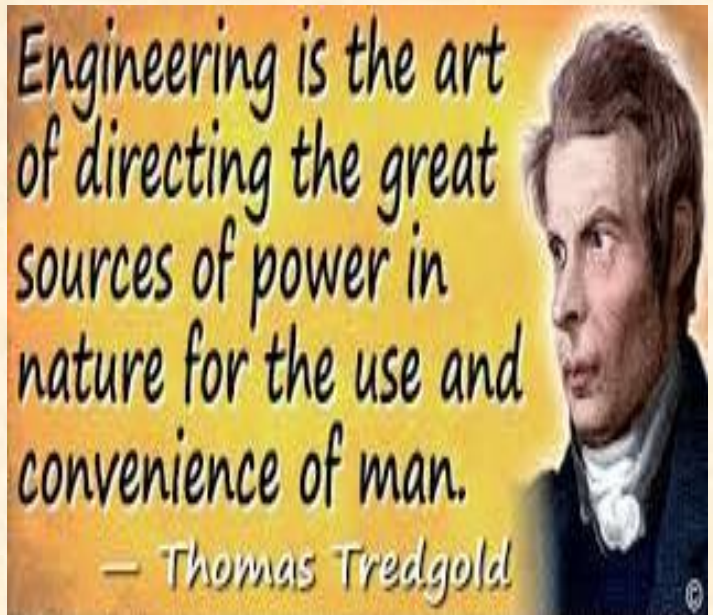
- Professor A.Srinivasa Prasad, Associate Professor R.Surendra Babu Assistant Professors M.Srikanth Kumar, K.Leela Krishna, B.Bhaskar Singh, Syed Syed Ahammed, U. Pallavi attended AICTE approved Faculty Development Programme on 'Pedagogy for Online and Blended Teaching-Learning Process' conducted by IIT Bombay through ICT during September 14-October 12, 2017.
- Assistant Professor M. Srikanth Kumar attended a two day Workshop on 'ODF+ Faecal Sludge And Septage Management' for Academic Institutions in Andhra Pradesh, organized at Novotel, Vishakhapatnam during 13-14 October, 2017.
- Professor A.Srinivasa Prasad, Associate Professor, P.V.S. Maruthi Krishna, Assistant Professors M.L.N. Krishna Sai, S.V.Satya Narayana, M.Srikanth Kumar, K.Leela Krishna, B.Bhaskar Singh attended a two day National Seminar on 'Advances in Nanocomposite Materials & Their Fabrication (ANMF-2017)' organized by Department of Mechanical Engineering, R.V.R & J.C CE. during 2-3, November, 2017.
- Assistant Professor K. Ramesh Babu, K.Anjeneyulu attended a Faculty Development Program (FDP) on 'Latest Software Applications in Civil Engineering'sponsored by AICTE, NEW DELHI, organised by S.R.K.R. Engineering College, Bhimavaram, during Oct. 23 - Nov.4, 2017.
- Professor, Dr. P.Ch. Sanjeeva Rao, attended a five days short term course on 'Product Design and Development' Organized by NITTR, Chandigarh through ICT during 7-11, November 2017.

- Professor, Dr. M. Rama Rao attended a two day National Conference on 'Geotechnics for Natural and Engineers Sustainable Technologies' IGC 2017, Geo Nest organized by the Indian Geotechnical Society, Guwahati Chapter (NE) and Indian Institute of Technology, Guwahati, Assam, India, during 14-16, Dec.2017.
- Assistant Professor Y.Naga Mahesh, attended a two day National Conference on 'Transforming Education for Peace' TECH-2017 organized by UNESCO-MGIEP in collaboration with Andhra Pradesh State Government, during 16-18 December, 2017.

Small Coaster adventures for a big ride

Field trips

3rd year Civil Engineering students visited Durga Flyover, Vijaywada & foundations works of IAS Officers Quarters at Rayapudi on 09 Dec.2017. During the visit students were explained launching of Spine and Wings of Flyover, and piling operation for foundations works of IAS Officers Quarters at Rayapudi, Amaravati.



Old friends met due course of ride:

Alumni meet

An Alumni meet was conducted on 01.07.2017 for the batch students of 1998-92 batch, on the eve of completion of 25 years of their graduation. Alumni from various fields shared their experiences in their respective fields with the students of Civil Engineering. They enlightened the students about various career opportunities ahead after the completion of graduation



Fruits of completion of roller coaster ride

Academic Results

Year	Total Appeared	Total Pass
IV/IV B.Tech(VII Semester)	192	167
III/IV B.Tech(V Semester)	203	151
II/IV B.Tech(I Semester)	202	97
I/IV B.Tech(I Semester)	172	95
I/II M.Tech(II Semester)	15	15
M.Tech(IV Semester)	16	16

Let us have a look at the last roller ride not yet completed

Taroko Gorge Road, Taiwan



The Taroko Gorge is a must-see site in Taiwan as it is located on the country's east side in a 19-kilometer-long valley, Taroko Gorge is just one of Taiwan's eight national parks.

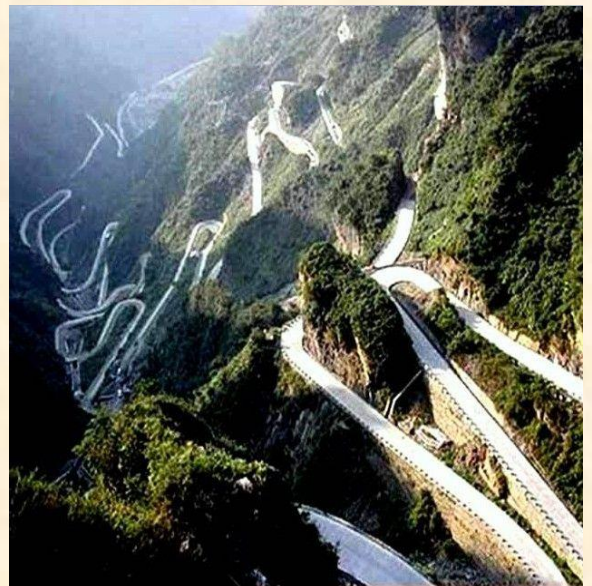
If you are considering a road-trip on this beautiful highway, it is one of the scariest roads in the world; The highway itself is sculpted out of the face of the hill.

Also recognized as the Central Cross-Island Highway, the Taroko Gorge Road has all the aspects that a safe

highway should have except one – the road is very narrow and runs across the mountain's face.

Only one big car can move through at one moment (such as a tourist bus).

The Taroko Gorge Road is a dangerous mountain corridor, like the Guoliang Tunnel Road in China. Taiwanese guidebooks mention that it took 450 lives to build.



*Dr.K.Srinivasu
H.O.D,Civil*

DRIVE THE ROLLER COASTER RIDE

EDITOR: Dr. M.Rama Rao H.O.D, C.E

CO-EDITOR:

Mrs. P.Samatha Chowdary (Asst.Prof.)

J.Usha Kranti (Asst.Prof.)

DEVELOPERS:

K.VAMSI KRISHNA (Y17CE088)

K.JAGDEESH (Y17CE069)

COMMUNITY MEMBERS:

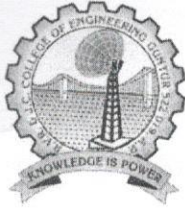
K.VAMSIKRISHNA (Y17CE088)

K.JAGDEESH (Y17CE069)

I.KARUNA SAGAR (Y16CE851)

B.V.RAVI TEJA (Y16CE813)

Newsletter notices and minutes of meeting 2018-19



R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliapuram, Chowdavaram, GUNTUR - 522019

Dt: 06.12.2017

NOTICE

This is to inform you that the meeting of the Department news letter of Civil Engineering Department for the Academic Year 2018-19 is scheduled on 06.12.2017(Saturday) at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

Hence, all the members are requested to make it convenient to attend the Meeting and give your valuable suggestions for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of Environmental Engineering
2. To prepare a news letter for jan-june 2018-19.
3. Any other item(s) with the permission of the chair.

(Dr.K.SRINIVASU)
HOD, CE

MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL
ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2018-19 HELD ON
06.12.2018 (SATURDAY)

VENUE: **HOD'S CHAMBER, CIVIL ENGINEERING DEPARTMENT.**

Members present:

1.	Dr.K.Srinivasu Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>K. Srinivasu</i>
2.	Dr.P.Ch.SanjeevaRao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convener <i>P. Ch. Sanjeeva Rao</i>
	Dr.K.S.Sairam, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>Kee Sa</i>
3.	Dr.M.RamaRao, Professor Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Member <i>M. Rama Rao</i>
4.	Sri..MaruthiKrishna ,Associate Professor, Department of Civil Engineering ,R.V.R. & J.C.College of Engineering.	Member <i>Maruthi Krishna</i>
5.	K.Vamsi Krishna (Y17ce088) , R.V.R. & J.C.College of Engineering.	Member <i>K. Vamsi Krishna</i>
6.	K.Jagdeesh(Y17CE069), , R.V.R. & J.C.College of Engineering.	Member <i>K. Jagdeesh</i>

AGENDA

1. To decide theme for issues of a Environmental engineering
2. To prepare a newsletter for jan-june 2018-19.
3. Any other item(s) with the permission of the chair.

MINUTES:

- This year has been enmarked to the field of Environmental engineering covering effects of environmental pollution in Jan-June issue.

K. Srinivasu
(Dr.K.SRINIVASU)
HOD, CE

**PUT WASTE
IN THE RIGHT
PLACE**

A large green recycling symbol, consisting of three chasing arrows forming a triangle, is positioned in the center of the word "PLACE" in the main headline.

CIVIL DEPARTMENT NEWS LETTER

2018-2019

| JANUARY – JUNE 2018 |

HOD s Message:



This newsletter published for the year 2018-19 is dedicated entirely to the subject of effects caused by the plastic wastes in the water bodies. Especially rivers and oceans. Current edition is entirely about the major rivers and oceans effected by plastic wastes.

"To enrich the society through Civil Engineering education for socio-economic development and welfare of the people."

**DEPARTMENT
VISION**

**DEPARTMENT
MISSION**

"An integrated development of Civil Engineering Professionals with technological knowledge and managerial skills; possessing environmental, ethical and human values".

Program Educational Objectives

Upon graduation, students of the program will:

- I. To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.
- II. To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.
- III. To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.
- IV. To mould the students professionally competent with managerial and communication skills.
- V. To train the students to mitigate natural /environmental disasters and to inculcate professional ethics and human values.

Program Outcomes

- Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.
- Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, Fluid Mechanics to solve Civil Engineering problems.
- Graduates will have generalized knowledge in Civil Engineering and inter-disciplinary knowledge to design and execute Civil Engineering Projects.
- Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.
- Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.
- Graduates will have an ability to identify, formulate and solve engineering problems.
- Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.
- Graduates will have computational and drafting skills.
- Graduates will be professionally competent with managerial and communication skills.
- Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.
- Graduates perform professional duties with environmental, ethical and human values.
- Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context.

ITS TOO LATE

..LETS US

BRING A

CHANGE

(HOLD YOUR NOSE)

THE GANGA AS GARBAGE

- *An analysis of the Ganges water in 2006 and 2007 showed significant associations between water-borne/enteric disease and the use of the river for bathing, laundry, washing, eating, cleaning utensils, and brushing teeth.*
- *Water in the Ganges has been correlated to contracting dysentery, cholera, hepatitis, as well as severe diarrhoea which continues to be one of the leading causes of death of children in India.*



NEW SPECIES IN PACIFIC OCEAN BUT NO LIFE

- *The mass of the plastic in the Great Pacific Garbage Patch (GPGP) was estimated to be approximately 80,000 tonnes, which is 4-16 times more than previous calculations.*
- *This weight is also equivalent to that of 500 Jumbo Jets.*
- *A total of 1.8 trillion plastic pieces were estimated to be floating in the patch a plastic count that is equivalent to 250 pieces of debris for every human in the world.*



POLLUTED & OFFENSIVE MUSI

- Due to indiscriminate urbanization and lack of planning, the river has become a receptacle of untreated domestic and industrial waste dumping out of Hyderabad.
- It is estimated that nearly 350 MLD of polluted water and sewage originating from Hyderabad and Secunderabad flow into the river. Efforts to clean it have failed.
- The river water downstream of the cities remains highly polluted, considered a major disaster in Hyderabad.



KOLLERU LAKE AS THE HOME OF WASTE

- Kolleru Lake is one of the largest freshwater lakes in India located in state of Andhra Pradesh ... converting the lake into a mere drain.
- This had great impact in terms of pollution, leading to difficulty in getting drinking water for the local people
- The catchment area of Kolleru is about 6,121 sq km with a flow of 65,000 to 1.1 lakh cusecs of water into the lake.
- The Kolleru Wildlife Sanctuary in Andhra Pradesh, known for its rich bio-diversity, is under threat from illegal fishing tanks, industrial pollution and a number of other factors.



Name of the Department - Civil Engineering-Newsletter for correction June-July 2018

National Seminar

A two day National Seminar on 'NBC 2016 and Indian Standards: Innovations and Case Studies in Geotechnical Engineering ' was organized by the Department of Civil Engineering, R.V.R. & J.C. College of Engineering, Guntur in association with Indian Geotechnical Society, Guntur Chapter and Bureau of Indian Standards, New Delhi during 6-7 July, 2018 .

Guest Lectures Organized

Sri Anjaneyulu, Retired Deputy Director, Ground Water Board, Govt. of Andhra Pradesh, Nuzvid, delivered a lecture on 'Ground water availability and management 'on 03 Jan., 2018. In his lecture, he enlightened students about various technical issues involved in dealing with availability of ground water and effective technologies for enrichment of ground water.

Honors:

Dr.M.Rama Rao, have been nominated to represent Indian Geotechnical Society (IGS) on the International Technical Committee TC-306 on "Geo-engineering Education" of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the term 2018-2021.

Research Paper Publications

J.Ushakranti, Prof. Dr.K.Srinivasu 'Comparison of The Replacement of natural Sand by Copper Slag on The properties of Concrete (M30 & M40)', International Journal for Research in Engineering Application and Management IJREAM, PP: 463-468, ISSN: 2454-9150, March 2018.

K. Leela Krishna, N. V. UmaMahesh, & A. Srinivasa Prasad, 'Optimal Multipurpose Reservoir Operation Planning using Genetic Algorithm

and Non Linear Programming (GA-NLP) Hybrid Approach, ISH Journal of Hydraulic Engineering(Scopus Indexed), Vol. 24, No. 2, PP: 258-265, April 2018. Print ISSN: 0971-5010 Online ISSN: 2164-3040.

N.Venkata Sairam Kumar, K.S.Sai Ram, 'Experimental Study on Properties of Concrete Containing Crushed Rock Dust as a Partial Replacement of Cement', Materials today: Proceedings [ELSEVIER], (Scopus Indexed), Vol: 5, No. 2, Part: 2, PP: 7240-7246, April 2018.

J.Ushakranti, Dr.K.Srinivasu , 'A Comprehensive Study on Mechanical Properties of Nominal Grade Concrete using Copper Slag as Partial Replacement to fine Aggregate', International Journal of Engineering and Technology (Scopus Indexed), Vol: 7, No. 2, Part: 2, PP:443-445, April 2018.

Paper Presentations in Conferences

J.Ushakranti, Dr.K.Srinivasu, 'A Comprehensive Study on Mechanical Properties of Nominal Grade Concrete using Copper Slag as Partial Replacement to Fine Aggregate', International Conference on Recent Research in Materials and Engineering(ICRRME 2018) organized by Knewton Institute at Visakhapatnam, during 27- 28 March,2018.

J.Ushakranti, Prof. Dr.K.Srinivasu 'Comparison of the Replacement of natural Sand by Copper Slag on The properties of Concrete (M30 & M40)' , PP:463-468, International Multidisciplinary Conference on Knowledge Sharing, Technological Advancements and Sustainable Development (IMC2k18) organized by PVP Siddhartha Institute of Technology, Vijayawada, during 30-31 March 2018.

Conferences/ Workshops/ Attended

Assistant Professor, P.Samatha Chowdary attended a five day FDP on 'Effective Teaching and Learning of Flexible Pavement Design' organized by National Institute of Technology, Warangal during 17 -21 Jan. 2018.

Associate Professor PVSM Krishna , Assistant Professor M.Srikanth kumar attended a one day a national seminar on 'Chemical Industry-Growth and Sustainability' organized by Indian Institute

of Chemical Engineers Guntur Regional Centre(IICChE-GRC) on 23, January , 2018.

Dr.M.RamaRao, H.o.D, Associate Professor PVSM Krishna, and Assistant Professors G. Sanijya Chowdary attended a one day workshop on 'Infrastructure Development and Foundation Technologies adopted for various ongoing Projects across Andhra Pradesh 'organized by Malineni Permallu Engineering College on 3 Feb. 2018.

Assistant Professors, M.Tulasi kumar, D.Neeraj Varma, attended an AICTE Sponsored Short Term Course on 'Geosynthetics as Modern Civil Engineering Construction Materials' organized by the Department of Civil Engineering, Indian Institute of Technology Madras, at centre for continuing Education, during 5-10 Feb.2018.

Assistant Professors, M.Tulasi kumar, D.Neeraj Varma, K. Anjaneyulu attended a national seminar on 'Latest Trends in Civil Engineering-Lattice18' , organized by Department of Civil Engineering, SRKR Bhimavaram on 3 March.2018.

Assistant Professor, J.Ushakranti attended a five day workshop on 'Earthquake Risk Mitigation and Building Codes' organized by National Institute of Disaster Management, Southern campus, APHRDI, Bapatla, during 5-9 March, 2018.

Assistant Professor G. Sanijya Chowdary attended a two day workshop on 'Recent Trends in Pavement Engineering 'organized by Bapatla Engineering College during 16-17 March. 2018.

Assistant Professor K.Leela Krishna , attended a three day workshop on 'Biological inspired Computing and Applications (BICA- 2018)' organized by Gayathri Vidya Parishad College of Engineering during 9-11, march, 2018

Industrial Tour

160 students of second B.Tech, visited Polavaram, Pattiseema and Dhawleswaram Barrage during 3-4 Feb.2018. During the visit the students were explained about Polavvaram dam and were shown bridge works of Godavari River.

175 students of third year B.Tech visited tail pond of Nagarjuna sagar and Macherla Cement Factory during 10-11 Feb.2018. During the visit the students were explained about the manufacture and cement and were also explained about power house of the dam

60 students of third year B.Tech Civil visited Durga fly over, Vijayawada on 30.06.2018. During the visit students were explained about the construction of Pile cap, pier and Casting of spine and wings for fly over at casting yard. They have been also explained about piling operation.

PUT THE WASTE IN RIGHT PLACE

EDITOR:

Dr.M.RAMARAO

CO-EDITOR:

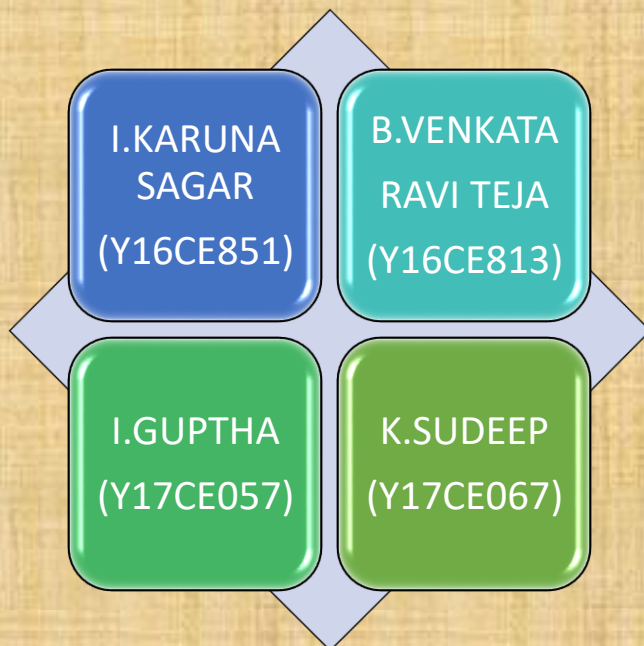
Mrs.P.SAMATHA CHOWDARY

DEVELOPERS:

I.GUPTHA(Y17CE057)

I.KARUNA SAGAR(Y16CE851)

COMMITTEE MEMBERS





R.V.R. & J.C. COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Chandramouliupuram, Chowdavaram, GUNTUR - 522019

Dt: 06.08.2018

NOTICE

This is to inform you that the meeting of the Department news letter of Civil Engineering Department for the Academic Year 2018-2019 is scheduled on 11.08.2018(Saturday) at 10.00 A.M. in HOD'S chamber, Civil Engineering Department.

Hence, all the members are requested to make it convenient to attend the Meeting and give your valuable suggestions for improvement of the department in all aspects. The Agenda for the meeting is:-

AGENDA

1. To decide theme for issues of a Environmental Engineering
2. To prepare a news Letter for July-December 2018-19.
3. Any other item(s) with the permission of the chair.

M. Rama Rao
(Dr. M. RAMA RAO)
HOD, CE

MINUTES OF THE MEETING OF THE DEPARTMENT NEWS LETTER OF CIVIL
ENGINEERING DEPARTMENT FOR THE ACADEMIC YEAR 2018-19 HELD ON
11.08.2018 (SATURDAY)

VENUE: **HOD'S CHAMBER, CIVIL ENGINEERING DEPARTMENT.**

Members present:

1.	Dr.K.Srinivasu Professor and HOD, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Chair Person <i>K.Srinivasu</i>
2.	Dr.P.Ch.SanjeevaRao, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering.	Convenor <i>P.Ch.Sanjeeva Rao</i>
3.	Smt. P. SamathaChowdary, Asst, Professor, Department of Civil Engineering, R.V.R. & J.C.College of Engineering-Faculty Alumni	Member <i>Samatha</i>
4.	G.Ravi Kishore(Y15ce843) R.V.R. & J.C.College of Engineering	Member <i>G.Ravi Kishore</i>
5.	K.Yagna Sree(Y15ce876) R.V.R. & J.C.College of Engineering	Member <i>K.Yagna Sree</i>
6.	M.VENKATESH(Y17ce097) R.V.R. & J.C.College of Engineering	Member <i>M.Venkatesh</i>
7.	G.Gopi Varma(Y17ce045) R.V.R. & J.C.College of Engineering	Member <i>G.Gopi Varma</i>

AGENDA

1. To decide theme for issues of a Environmental engineering
2. To prepare a news Letter for July-December 2018-19.
3. Any other item(s) with the permission of the chair.

MINUTES:

1. It is to make aware of Reduce, Recycle and Reuse issue of July-December 2018-19.

M-Rama Rao.
(Dr. M. RAMA RAO)
HOD, CE



CIVIL DEPARTMENT NEWS LETTER
2018-2019
|JULY - DECEMBER 2018|

HOD s Message:



This newsletter published for the year 2018-19 is dedicated entirely to the subject of waste management strategy of Reduce, Reuse, and Recycle (three R's). Especially methods implemented by companies. Current edition is entirely about the various companies CEO's who implemented different methods to carry on the revolution of the three R's, which gives us a good knowledge about the environment protection.

DEPARTMENT VISION

· "To enrich the society through Civil Engineering education for socio-economic development and welfare of the people."

DEPARTMENT MISSION

· "An integrated development of Civil Engineering Professionals with technological knowledge and managerial skills; possessing environmental, ethical and human values".

PROGRAM EDUCATIONAL OBJECTIVES

- Upon graduation, students of the program will:
 - To provide basic scientific training to the students so as to solve Civil Engineering problems with scientific outlook rather than mere continuation of traditional practices.
 - To provide training in basic engineering sciences so that students apply the concepts of basic engineering sciences to the solution of Civil Engineering problems.
 - To train the students in the broad areas of Civil Engineering and inter-disciplinary areas.
 - To mould the students professionally competent with managerial and communication skills.
 - To train the students to mitigate natural /environmental disasters and to inculcate professional ethics and human values.

PROGRAM OUTCOMES

- Graduates will have an ability to apply the knowledge of basic sciences like Physics, Mathematics and Chemistry for the solution of Civil Engineering Problems.
- Graduates will have sound knowledge in basic engineering sciences like Engineering Mechanics, Solid Mechanics, Fluid Mechanics to solve Civil Engineering problems.
- Graduates will have generalized knowledge in Civil Engineering and inter-disciplinary knowledge to design and execute Civil Engineering Projects.
- Graduates will have an ability to design and conduct experiments as well as to analyse and interpret data.
- Graduates will have an ability to demonstrate knowledge and understanding of engineering and management principles and apply these principles in their profession.
- Graduates will have an ability to identify, formulate and solve engineering problems.
- Graduates will have requisite knowledge to pursue Post-graduate / Research Programmes and for life-long learning.
- Graduates will have computational and drafting skills.
- Graduates will be professionally competent with managerial and communication skills.
- Graduates mitigate environmental problems and natural disasters like earthquakes, cyclones and floods.
- Graduates perform professional duties with environmental, ethical and human values.
- Graduates will have broad education necessary to understand the impact of Civil Engineering solutions in global societal context

LET'S SEE HOW
THEY GOT BRAND
FROM BIN!!!!

GO GREEN



LESS POWER MORE EFFICIENT

Microsoft is a huge company that has more than 44,000 employees working in 125 buildings placed over 500 acres in Redmond, Washinton. IT saw a 27% decreases in power consumed after their IT department created a specific power management system that efficiently control 160,000 of their computers



WASTE AS A BOOST

IN 2018, Adidas expects to make 11 million pairs of shoes with recycled ocean plastic. That's more than double what it made in 2018. Adidas says the partnership has prevented 2,810 tons of plastic from reaching the oceans. Adidas's goal is to replace all virgin polyester with recycled polyester by 2024. Currently, more than 40% of Adidas apparel uses recycled polyester.



HERO FROM ZERO

In 2013, Toyota became a founding member of the U.S. Zero Waste Building Council. By 2015 Toyota of North America reduced, reused, and recycled its way to a 96% decrease in total non-regulated waste production.



BIGGER THINGS WITH LITTLE WASTE

Google is a company of big ideas so it makes sense that they would commit to the big idea of becoming zero waste. To achieve a zero company waste status, Google is focusing on their data centers first. Out of their 14 data centers, 6 were zero waste-to-landfill last year. In addition to their focus on the data centers, Google recycles and reuses 86% of their non-data center waste globally.

Department of Civil Engineering small foot steps to a greener community

National Seminar

- A two-day National Seminar on 'NBC 2016 and Indian Standards: Innovations and Case Studies in Geotechnical Engineering ' was organized by the Department of Civil Engineering, R.V.R. & J.C. College of Engineering, Guntur in association with Indian Geotechnical Society, Guntur Chapter and Bureau of Indian Standards, New Delhi during 6-7 July, 2018.

Guest Lectures Organized

B N D Narasinga Rao, HoD, Civil Engineering, ANITS College of Engineering, Visakhapatnam delivered a lecture on 'Utilization of flyash in concrete and soil structures' on the occasion of Birth Anniversary of Karl Von Terzaghi, Father of modern Soil Mechanics on 06 Oct., 2018. In his lecture, he enlightened students about various best technologies available for utilization of fly ash, in concrete and soil

Faculty foot prints in achievement of 3R's

Honors

- Dr.M.Rama Rao, Co-chaired Technical Session - 3 entitled 'Land Slides' along with Prof. N K Samadhiya, IIT Roorkee, Indian Geotechnical Conference 2018 , IISc Bangalore, during 13-15Dec.,2018.
- Dr.M.Rama Rao, acted as Vice chair to morning Technical Session on 'National Seminar on Geotechnical Problems - Case Studies (NSGPC-18)' organized by CE-AMD SGSITS in .association with IGS Indore Chapter at Golden Jubilee Auditorium of S.G.S.I.T.S. Indore (M.P.) on 13th October 2018.

Guest Lectures Delivered

Dr.M.Rama Rao delivered a lecture on the following:

- 'Mind Map – your key to success' and 'Case studies in Geotechnical Engineering Practice', organized by CIET, Lam, 31Oct. 2018. In his guest lecture, he enlightened participants about various innovative techniques of learning using Mind Map.
- 'Mind Maps', Rotary club, Guntur, 4 Nov., 2018. In his guest lecture, he enlightened participants about various applications of Mind Maps.

- 'A Few case studies in Geotechnical Engineering', Faculty Development Programme on Forensics in Geotechnical Engineering, 17Nov. 2018. In his guest lecture, he enlightened participants about various case studies of Geotechnical Engineering.
- 'Case studies in Geotechnical Engineering Practice', one-day National Seminar on Case studies in Geotechnical Engineering practice, at Malineni Perumalu Group of Institutions, 07Jan., 2019. In his guest lecture, he enlightened participants about various case studies in Geotechnical Engineering practice.

Research Paper Publications

1. N.Venkata Sairam Kumar, Prof. K.S.Sai Ram,' Sustainable use of waste crushed rock dust in Concrete as Partial Replacement of Cement' Pollution Research (Scopus Indexed), Vol. 37, No. 3, PP: 684-689, October 2018.
2. Assistant Professor, D. Neeraj Varma, 'Influence of Processing Temperature on Strength and Structural Characteristics of Alkali-Activated Slag Lateritic Soil' organized by Indian Geotechnical Conference 2018 at IISc, Bangalore during 13-15 December, 2018.
3. Prof K.S.Sai Ram , K.Sai Vivek, P.G student,' Design of Steel Gusset Plates', Journal of Structural Engineering (Scopus Indexed), Vol. 45, No. 5 pp.399-410, Dec.2018-Jan 2019.
4. Prof. K.S.Sai Ram, K.Prathyusha, P.G student ' Free Vibration of Functionally Graded cylindrical shell panel with and without cutout' Journal of Solid Mechanics (Scopus Indexed), Vol. 10, No. 3 pp.672-687, 2018.

Staff learners for effective strategies for 3R's

Conferences/ Workshops/ Attended

1. Associate Professor R.Surendrababu, Assistant Professors V.Phani Sankar, Syedsyed Ahmad, U.Pallavi attended Short Term Training programme on 'Outcome based Education and Accreditation', organized by NITTR, Kolkata through ICT at R.V.R & J.C college of Engineering during 24 -28, Sep. 2018.
2. Assistant Professor, D.Neeraj Verma attended Workshop on 'Good Construction Practices' during, 1-2 Oct., 2018, organised by Department of Civil Engineering in association with IGS Visakhapatnam Chapter and ICI Visakhapatnam Chapter.
3. Assistant Professor, D.Neeraj Verma attended IDM training program on 'Earthquake Risk Mitigation and Management' Andhra University during 8 -12 Oct. 2018.
4. Assistant Professor J.Usha Kranti attended AICTE approved 12 week course on 'Advanced Concrete Technology' through NPTEL online during July 30-Oct.21.
5. Assistant professors, V.Phani Sankar, G.Venkata Krishna attended Two day Training programme on 'Office 365', organized by Department of Computer Science And Engineering during 30-31 Oct. 2018.
6. Professor and H.o.D Dr.M.Rama Rao attended National Seminar on 'Geotechnical Problems - Case Studies (NSGPC-18)', at Golden Jubilee Auditorium of S.G.S.I.T.S.

Indore (M.P.), organized by CE-AMD SGSITS in association with IGS Indore Chapter on 13th October.

7. Professor and H.o.D Dr.M.Rama Rao, Assistant Professor, D.Neeraj Verma attended 'Indian Geotechnical Conference 2018', IISc Bangalore during 13-15' Dec., 2018.
8. Professor Dr.A.Srinivas Prasad, Assoc.Professor, P.V.S.Maruthikrishna, Asst.Professors, M.Srikanth kumar , K.Leela krishna attended one day seminar on 'Case studies in Geotechnical Engineering Practices (CGEP-2019)' organized by Mallineni Peramuel Group of institutions, Pulladigunta on Jan.7, 2019.

NEW Bodies framed for developing strategies

Student Chapters

Indian Concrete Institute (ICI) Student chapter has been approved by Indian Concrete Institute in November 2018

Short trips arranged to understand need of development of sustainable environment

Industrial Tour

- 2/4 B.Tech students visited Durga fly over and Amaravati Capital road work on 22.12.2018 to get an insight of various developments in New Amravathi capital region done under the guidance of APCRDA.

- 3/4 B.Tech (B & C section students) visited Durga fly over and Amaravati Capital road work on 01.12.2018, 30.06.2018 to get an insight of various developments in New Amravati capital region done under the guidance of APCRDA
- 2/4 B.Tech students visited Polavaram, Patti Seema and Dhawleswaram barrage on 20.07 2018 to get an insight of construction of different bridge structures and irrigation structures.

Success steps of 3R'S

Academic Results

Year	Total Appeared	Total Pass	Pass %
IV/IV B.Tech(VII Semester)	207	172	83.09
III/IV B.Tech(V Semester)	169	110	65.09
II/IV B.Tech(III Semester)	197	114	57.87
I/IV B.Tech(I Semester)	172	95	55.23
I/II M.Tech(I Semester)	18	16	88.9

M.RAMA RAO
HoD, CIVIL

Reduce Reuse Recycle

EDITOR

Dr.M.RAMARAO

CO-EDITOR

Mrs.P.SAMATHA CHOWDARY

DEVELOPERS

M.VENKATESH(Y17CE097)

G.GOPI VARMA(Y17CE045)

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G.RAVIKISHORE
(Y15CE843)

K.YAGNASREE
(Y15CE876)

M.VENKATESH
(Y17CE097)

G.GOPIVARMA
(Y17CE045)