



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

(6 Branches CSE, ISE, ECE, EEE, ME& CE Accredited 3 years by NBA, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

Department of Civil Engineering



Event Name	Symposium- 2020
Theme	Project Review Symposium: Under Phase-1
Date	19/12/2020
Venue	Department of Civil Department, 'C' Block

Objectives of the Program/ Event:

- Define the problem by analysing similar work in past.
- To assess relevance of topics to societal need[solving present day request]
- Courage usage of modern application tools.
- Contribution towards the project work from each member of project team.
- To fine tune and improve existing communication skills.

Purpose: The purpose of and contributions associated with review papers can vary depending on their specific type and research question, but in general, they aim to

- Resolve definitional ambiguities and outline the scope of the topic.
- Provide an integrated, synthesized overview of the current state of knowledge.
- Identify inconsistencies in prior results and potential explanations (e.g., moderators, mediators, measures, approaches).
- Evaluate existing methodological approaches and unique insights.
- Develop conceptual frameworks to reconcile and extend past research.
- Describe research insights, existing gaps, and future research directions.

Resource Persons: 1) Dr Lakshmi C

Associate Professor

SJBIT, Bangalore

2) Dr Vijay Arekal

Associate Professor

KSSEM, Bangalore

3) Prof. Ashwin M Joshi

RASTA- Center for Road Tech, Bangalore

4) Sharan Raj V (Alumni)

Entrepreneur, Bangalore

5) Poojith Prakash(Alumni)

Structural Engineer & Chartered Engineer

Prakash Structural Consultants

Measurable outcomes:

The Expert Member generalized the following points

- The selection of topics for project was good.
- Technical content and sequence was moderate.
- Quality of presentation was good.
- Stage presence of the students was good. And the response from student for Question and discussion was moderate which need to be improved.
- Relevance of the present field application was good.



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Photo gallery of Symposium-2020 Event Conducted at Civil Engineering Department



Department of Civil Engineering

Event Name	One day program - “The thrust area in the field of Environmental Engineering and its importance” –A technical talk
Theme	Engineer’s Day Celebration-EDC
Date	08/09/16
Venue	Seminar Hall-A Block

Objectives of the Program/ Event:

- To remember the great engineer of all times Sir M Visvesvarayya
- To imbibe in students the importance of environment in civil engineering
- Economics of environment assessment in projects
- Encouraging students to orient themselves to take up projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- Environment issues in controlling pollution
- Quantification of parameters for assessment
- Dr Ravi, Environment officer, Karnataka State Pollution Control Board, KSPCB
- Students and faculty of Civil Department
- Sustainability in infrastructural development

Measurable outcomes, w.r.t. realisation of Vision:

- Positive feedback from students
- Active interaction with the speaker during the session
- Projects done with Dr Ravi as an external guide





Department of Civil Engineering

Event Name	One day program-Talk on “Ecology and Environment- Role of Engineers”
Theme	Engineer’s Day Celebration-EDC
Date	18/11/16
Venue	Digital Class room-C Block

Objectives of the Program/ Event

- To remember the great engineer of all times Sir M Visvesvarayya
- To create awareness in students about the importance of environment in constructions
- Minimal threat to environment in projects
- Encouraging students to orient themselves to take up projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- Ecology in constructions
- Ecology and Environment- Role of Engineers in nation building
- Dr.Farshid Aresthani, Fulbright Scholar, USA Students and faculty of Civil Department
- Sustainability on infrastructural development

Measurable outcomes, w.r.t. realisation of Vision:

- Global scenario to ensure eco-friendly projects
- Active interaction with the speaker during the session
- Offshore placement possibilities







Department of Civil Engineering

Event Name	Two day program - "National level workshop on Bridge design"
Theme	Hands On Workshop-HOW
Date	22/04/17 & 23/04/17
Venue	Seminar Hall-A Block

Objectives of the Program/ Event

- Physical modelling of bridges supported by truss elements
- To understand and apply in practice
- Structural behaviour before failure
- Encouraging students to orient themselves to take up projects

Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- Preparation of bridge models and testing them to failure to award prizes for the best model which carried more load
- Mr. Mustafa Masalawala, Design Engineer and Technical Associate, ROBOKART, Sustainability on infrastructural development
- To impart inclusive technology to execute

Measurable outcomes, w.r.t. realisation of Vision:`

- The related courses prescribed for the program appreciated
- Feel of the down size real structures created by themselves loaded to failure
- Appreciation from an industry entrepreneur has strengthened the set vision





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Measurable outcomes, w.r.t. realisation of Vision:

- Infrastructure development for the mankind

Event Name	One day program-INDUS – Inter College Civil Engineering Technical Fest
Theme	Talent Trending-TT
Date	04/10/18
Venue	Civil Department Premises

Objectives of the Program/ Event

- Interaction of students across the university for socio-cultural development
- Competitions to bring out the best in students
- Significance of workshops to conduct technical fest
- Encouraging student community to excel with required graduate attributes

	
Photo 3	Photo 4 (Valediction Function, if applicable)

Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To showcase the presence of talent in students
- To bring unity in diversity
- Dr. Thippeswamy, Prof. & Vice Principal, the City Engineering College, Bangalore
- Industry interest in academics

Measurable outcomes, w.r.t. realisation of Vision:

- Co- ordination between the organizing institution and the participants from other institutions
- Learning with fun
- Hidden talent exposed with cutthroat competition



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”



Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	One day program-Rescue and Rehabilitation works on the flood affected area of KODAGU, Madikeri and surrounding areas.
Theme	Engineer's Day Celebration-EDC
Date	24/11/2018
Venue	Seminar Hall-B Block

Objectives of the Program/ Event

- To remember the great engineer of all times Sir M Visvesvarayya
- Experiencing natural calamity with a research angle
- To understand havocs caused by landslides
- Encouraging students to orient themselves to take up projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- Rains caused detrimental damage to material and mankind-Speaker's view
- On the spot assessment report of landslides at Kodagu by the speaker
- Shri. K Mohan, Superintendent Engineer, KPWD, Govt. of Karnataka
- The speaker led the team to KODAGU for assessment of the Natural Calamity

Measurable outcomes, w.r.t. realisation of Vision:

- Vision of the Institution addressed with this quality program
- Soil mechanics understood to while analysis explained with videos and pictures
- Encouragement to join government machinery to serve people in an effective manner





Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	Five Day Program -Innovative Civil Engineering Through Artificial Intelligence
Theme	Faculty Development Program-FDP
Date	16/01/2019 TO 20/01/2019
Venue	Machine Learning Laboratory-A Block

Objectives of the Program/ Event

- To initiate consultancy enabled program -Remote sensing and GIS
- Use of modern technology in digital mapping
- To acquire basic knowledge to invite research and development funds
- Encouraging students to orient themselves to take up projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To get familiar with use of artificial intelligence in civil engineering
- DRONES-Unmanned vehicle to register digital data for GIS
- Pinnamaneni Peda Nageswara Rao got his BSc degree from Andhra University, M Sc, MPhil and Ph.D from Vikram University.
- Requirement to elective subject on Remote sensing & GIS

Measurable outcomes, w.r.t. realisation of Vision:

- Appreciate digital approach to conventional methods of geodetic surveying
- Got the feel of unmanned AI vehicle-DRONE
- Selected projects on the topic





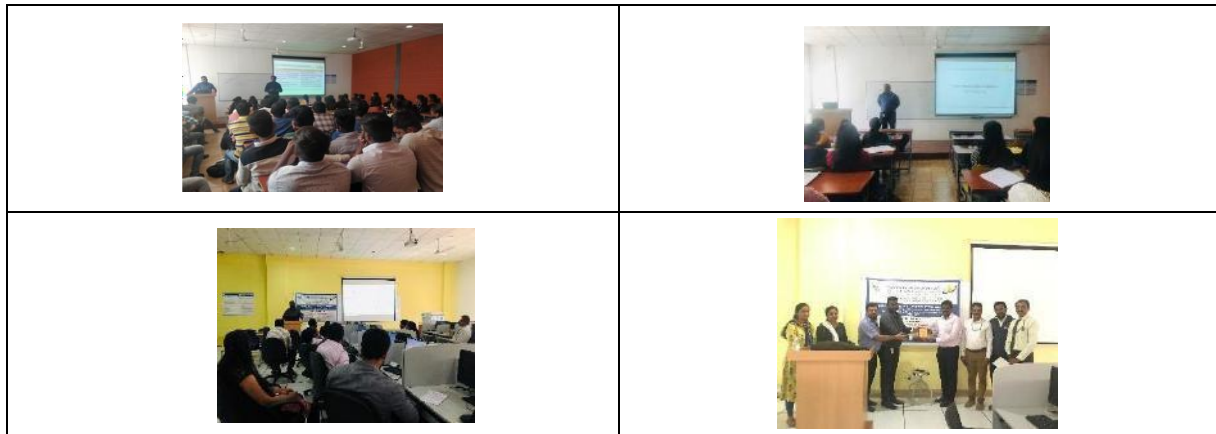
Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	One day program-“Technical Talk on Importance of & Applications of Project Management Tools in the Construction Engineering”
Theme	Hands On Workshop-HOW
Date	23/02/2019
Venue	CAD Laboratory-M Block

Objectives of the Program/ Event

- To train students to acquire software skills
- To introduce Primavera & CostX softwares
- To ensure learning with hands on sessions
- To equip students to use softwares in projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To make students learn how to use construction management software
- Primavera and CostX software are introduced for hands on sessions
- Mr Janaradhan Acharya, Course Instructor, Infinity PMC Pvt Ltd
- To take up PMC related projects for study

Measurable outcomes, w.r.t. realisation of Vision: Participants are capable of using software

- Interactive and feedback sessions qualified the program
- Projects taken up on Construction management





Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	Water Conservation for Sustainability
Theme	Environment Maintenance & Challenges-EMC
Date	23/03/2019
Venue	Seminar Hall-M Block

Objectives of the Program/ Event

- To create awareness on public health engineering
- To throw light on existing challenges of environmental friendly maintenance of public and private facilities
- Minimal threat to environment in infrastructure development and maintenance
- Encouraging students to orient themselves to take up projects

Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)



- Issues to deal with in Water supply and Sanitary Engineering
- Eminent personalities from the public domain, invited to speak on existing difficulties for supply and disposal of water and sewage accordingly
- Dr.
- Site visits to strengthen understanding of existing system and challenges

Measurable outcomes, w.r.t. realisation of Vision:

- National interests are imbibed in the minds of student and teaching fraternity
- Active interaction with the speaker during the session ensured success of the program
- Placement possibilities with the projects on public health issues faced by Municipal corporation and metropolis





Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	<i>“5 Day Faculty Development on Structural Health Monitoring: A Means for Repair & Rehabilitation”</i>
Theme	Faculty Development Program
Date	28/6/19 to 2/7/19
Venue	Seminar Hall-A Block

Objectives of the Program/ Event

- Enhance knowledge base of faculty to modern sustainability measures in constructions
- Technology to support research initiatives in infrastructural development
- Softwares to handle upstressing technics of distressed structures
- Case study reports of industry giants of structural engineering



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To equip faculty with inclusive tools to teach
- Retrofitting repair and rehabilitation of structures is a modern technic to sustainable growth
- *Dr. R Nagendra Dr. Sudarshan M S Dr. Sudarshan S Iyengar STEDRANT TECHNO CLINIC PVT. LTD Dr. Radhakrishna Secretary, ICI KBC Dr. P M Ravindra BIT Dr. Neethu Urs DSCE Dr. Chandra Mouli S V – PESU*
- Add on activity to qualify faculty to take elective courses
- Sustainability on infrastructural development
- Institution with faculty engaged in continuous learning
- Projects taken up by students at the organisations where resource persons are from.
- External expert guidance in every activity encouraged inclusive learning



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Department of Civil Engineering

Measurable outcomes, w.r.t. realisation of Vision:

Event Name	Two day program-“Workshop on IOT (Internet of Things)”
Theme	Hands On Workshop-HOW
Date	19/09/2019 & 20/09/2019
Venue	CAD Laboratory-M Block

Objectives of the Program/ Event

- To get the hardware knowledge used in softwares
- Function of internal and external modem
- To appreciate information technology in civil engineering
- Encouraging students to orient themselves to take up multidisciplinary projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- Hands on experience to understand capacitors electronic circuits in computer hardware
- Training by Industry and academic experts in liaison
- Dr.
- Hardware and software in communication addressed
- Enthusiasm witnessed during the workshop the way the students participated through interaction
- Learning IOT happened on the concluding day of the program
- Confidence among the students to take up open electives of CS IS branch





Department of Civil Engineering

Event Name	One day program-Civil engineering as a backbone of mankind for its existence
Theme	Engineer's Day Celebration-EDC
Date	27/09/2019
Venue	Seminar Hall-A Block

Objectives of the Program/ Event

- To remember the great engineer of all times Sir M Visvesvarayya
- To introduce a living legend of civil engineering
- To fulfil the set vision of the institute by invited renowned guest of honour
- Encouraging students to orient themselves to take up Structural engineering projects



Details about the event:

(Purpose, about the topic, Resource person/ participants, Alignment with Vision / Identification and addressing the GAP, Sponsorship or Funding Partner- if any)

- To revive responsibility students are going to shoulder to build our nation
- Failures are the real guide for innovations was envisaged during the talk by the professor emerald
- Dr SS Bhavikatti.IIT Delhi Alumini Principal Head Professor NIT Surathkal .Author of all structural engineering books-ECE,SOM,SA1,SA2,MMS,FEA,RCC,STEEL etc
- Missing basics were plugged with failure study of many projects

Measurable outcomes, w.r.t. realisation of Vision:

- Vibrations and dignity among the student community as they witnessed living legend interacting with them
- Simplicity of great personality motivated everyone how to develop required graduate attributes
- Students encouraged to embrace structural engineering as a career

