



# **SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

**(An Autonomous Institution)**

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University,  
Accredited by NBA-AICTE, New Delhi & ISO 9001:2000 Certified Institution &  
Accredited by NAAC with 'A' grade, )

**MADAGADIPET, PUDUCHERRY - 605 107.**



## **Department of Civil Engineering**



**GRAVITY NEWSLETTER**  
**Volume 9; Issue 18 (Jan-May)**

**2021-2022**



## ABOUT THE INSTITUTION

- Sri Manakula Vinayagar Engineering College was established in the year 1999. The Institution has been approved by AICTE, New Delhi and affiliated to Pondicherry University . It is the first Institution in Pondicherry State which got ISO 9001:2000 certificate established the 'Nila Community Radio Station' with the approval of Government of India. It is the First engineering college in Puducherry which is accredited by NAAC with 'A' grade. It is also accredited by NBA-AICTE, New Delhi, IT giant Tata Consultancy Services (TCS) and got Autonomous status for Ten years (2019-2029)
- The Institution has been set up in sprawling campus of 125 acres.

## ABOUT THE DEPARTMENT

- Civil Engineering is the oldest discipline after military engineering which is engrossing the world civilization.
- Civil engineering is the art of directing the great sources of power in nature for the use and convenience of mankind.
- Civil engineering has the multi-dimensional sphere in the public sector from municipal to national government, and in the private sector from individual homeowners to international companies, Such a department which has relevance and importance in all walks of human life came into existence in this institution from the academic year 2012-13.



### Courses Offered

- B. Tech  
Intake - 120
- Ph.D



# College Vision & Mission

## Vision

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

## Mission

**M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.

**M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

**M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill based training.

**M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism

# Department Vision & Mission

## Vision

We envision a world where the civil engineering department will be a home to an intellectual community with good quality education embedded with practical knowledge by inculcating research, strong social commitment and ethical values from its students, staffs and alumni.

## Mission

**M1: Quality Education:** To fulfill the requirements of construction industry, Civil Engineering profession and rural community through dissemination of technical services.

**M2: Practical Knowledge:** To impart quality and real-time education to the students with the knowledge & skills needed for Civil Engineering practice

**M3: Work Efficiency:** To encourage research, development and consultancy through sustained interaction with industry & research organization.

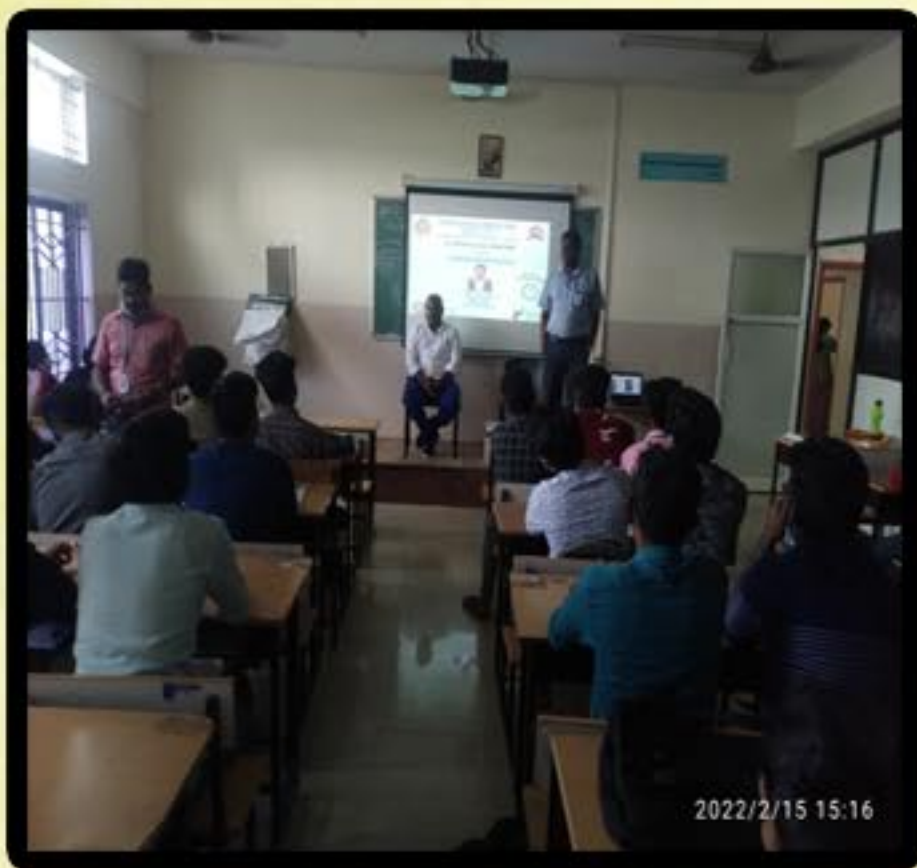
**M4: Societal issues:** To develop graduates to compete at the global level to deal with modern issues.

**M5: Moral & Ethical:** To insist ethical values and professionalism among the students.



## GUEST LECTURES/SEMINAR

- A Guest Lecture on “**Good Construction Practices**” by Er. A. Madura Muthu, Consulting Civil Engineer, Villupuram on 15.02.2022
- A Guest Lecture on “**Scope for Civil Engineers in Valuation**” by Er.V.R.Ajitchandran, Consultant Valuator and bank panel on 03.03.2022
- A Guest Lecture on “**Approval process in Pondicherry Planning Authority and its Bye – Law**” by G. Amitha Stains Mary, Technical Assistant Engineer, PPA, Puducherry on 12.03.2022
- A Guest Lecture on “**Importance of Plumbing Coordination and career Opportunities for Civil Engineers**” by Dr.S.Virapan, Chairman & MD, Sanvir Associates, Chennai on 26.03.2022



## WORKSHOP/HANDS ON TRAINING

- A Workshop on “**Importance of plumbing coordination**” by Dr.S.Virapan Chairman & MD, Sanvir Associates
- Hands on training for “**Total Station**” by Ladder Survey Pvt.Ltd, Chennai from 17.03.2022 to 19.03.2022
- A Workshop on “**SAP Software**” by Dr. P.Revathi, Asst. Professor, Department of Civil Engineering, Pondicherry Engineering College, Puducherry on 12.02.2022



## STUDENT ACHIEVEMENTS/PARTICIPATION

- Goudham R, Kamala Harini B, Kirushna Piriya R, Mothilal K, Pradeep P, Prithigha B, Lekha D students from 2nd Year participated Cultural Event conducted by Pondicherry Technological University on 08.04.2022
- Mouleeswar .M Won 1s Prize in Cultural Event conducted by Pondicherry Technological University on 08.04.2022
- Achuthan A K, Goudham R, Roshan R, Feroze Xaviour.S, Mothilal K, Kabilan A Students from 2nd Year Participated a Technical Workshop conducted by KPR Institute of Science and Technology on 15.03.2022
- Eswaran A, Davakumar D student from 3rd year won 2nd Prize in Project Expo conducted by IEI Chapter-Sri Manakula Vinayagar Engineering College on 22.03.2022
- Nandini R, Tharsinee K, Haritha K Won 1st Prize in Project Contest conducted by Ultratech Cements.Pvt.Ltd,(Puducherry Region) on 06.04.2022
- Shanthakumar K, Haritha K, Sasikumar R, Sriram B Won 2nd Prize in Mix Design Contest conducted by Ultratech Cements.Pvt.Ltd,(Puducherry Region) on 06.04.2022
- Nandini R, Sabarinathan S, Venkatesh S, Kamala Harini B Won 3rd Prize in Mix Design Contest conducted by Ultratech Cements.Pvt.Ltd,(Puducherry Region) on 06.04.2022





STAFF PUBLICATION

- **Sathiyasree D** “A Comparative Study Between Time History Analysis and Theoretical Analysis of a Multi-Storey Building in Seismic Zone 4 and 5” International Journal of Scientific Research in Civil Engineering, Volume 6, Issue 2, ISSN: 2456-6667
- **Srinivasan K** “Brackish Water Desalination Using Moringa Oleifera Seed Powder, Coconut Shell Activated Charcoal And Vetiver Grass : A Review” International Journal of Scientific Research in Civil Engineering, Volume 6, Issue 2,ISSN : 2456-6667
- **Srinivasan K** “A Review on Partial Replacement of Bitumen by Waste Oil, Plastic and Tire in Flexible Pavement” International Journal of Scientific Research in Civil Engineering, Volume 6, Issue 2, ISSN : 2456-6667

PLACEMENT’S

S.No	Name of the Organization	2021-2022 ODD	2021-2022 EVEN
1	Tata Consultancy Services	3	-
2	Cognizant Technology Solutions	5	-
3	Wipro Limited	3	-
4	Mu Sigma	1	-
5	MST Rebar Services		18
6	Econstruction Design & Build Pvt.Ltd		8
7	VLand Engineering & Construction Pvt.Ltd		11
Total No.of Offers		12	37
		49	



## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

### PEO1: Fundamental Knowledge

To gain a thorough fundamental knowledge, problem solving skills, engineering experimental abilities, and design capabilities for a civil engineering career.

### PEO2: Knowledge and Skills

To establish the knowledge and skills necessary for identifying and assessing design alternatives and the related social, economic, environmental, and public safety impacts.

### PEO 3: Societal Implications

To develop the ability to deal effectively with ethical and professional issues, taking into account the broader societal implications of civil engineering

### PEO 4: Competent Professionals

To create competent professionals who are trained in the design and development of Civil Engineering systems to engulf research and development activities

## PROGRAM SPECIFIC OUTCOMES (PSOs)

### PSO 1: Practical Knowledge

Inculcating practical knowledge in planning, analysis, design and construction management without much exploiting natural resources.

### PSO 2: Critical Thinking

Imparting effective communicational skills, leadership attributes towards the team work and developing critical thinking abilities to find solutions for civil engineering problems of multi-disciplinary nature.

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Ability to take up any challenging employment, entrepreneurship, research and development for sustainable civil society as a civil engineering graduate.



### Editor-in-Chief

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Department of Civil Engineering

### Editorial Incharge

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