



**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

**(An Autonomous Institution)**

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)  
(Accredited by NBA-AICTE, New Delhi, Accredited by NAAC with "A" Grade)  
Madagadipet, Puducherry - 605 107



*DEPARTMENT OF CIVIL ENGINEERING*

***BAMBOO SOCIETY OF INDIA  
ANNUAL REPORT***

*(Academic Year: 2023 to 2024)*



Submitted by  
*Department of Civil Engineering*



## Preface

The Bamboo Society of India (BSI) is a national-level organization dedicated to the promotion and development of bamboo as a sustainable and eco-friendly resource. It plays an important role in creating awareness about the economic, environmental, and social benefits of bamboo across various sectors.


BSI works towards encouraging the use of bamboo in construction, design, and rural development by promoting research, innovation, and skill development. It highlights bamboo as a versatile material that supports sustainable living and contributes to green building practices.

The organization conducts seminars, workshops, and awareness programs to educate students and professionals about the applications of bamboo and the importance of environmental conservation. It also provides a platform for experts, designers, and engineers to share knowledge and explore innovative uses of bamboo.

Overall, BSI contributes to sustainable development by promoting eco-friendly practices, encouraging the use of renewable resources, and inspiring individuals to adopt environmentally responsible approaches in their professional and personal lives.



Faculty Coordinator  
Dr.V.Murugappan



HoD/CIVIL  
Dr. S.Sundararaman



IQAC Coordinator  
Dr. Arivalagar A A



Director Cum Principal  
Dr.V.S.K. Venkatachalapathy

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## ABOUT THE INSTITUTE

Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers 13 undergraduate, 8 postgraduate and 11 Research programs in engineering. SMVEC has been accredited by NAAC with “A” grade and NBA. The institution is also accredited by TATA consultancy services. The college has a good placement record with students getting job offers from top companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements. To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

### Vision

- To nurture the cornerstone of excellence in engineering education and drive innovation by seamlessly integrating the fundamentals of Science and Humanities

### 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 for the growth of society.



## ABOUT THE DEPARTMENT

The Department of Civil Engineering is a premier department that offers high-quality UG, and Ph.D. programs. The UG program B.Tech – Civil Engineering is accredited by the National Accreditation Board, AICTE–New Delhi, and has a strong placement record with graduates widely recognized by leading construction, infrastructure, and consultancy firms. The department's alumni are highly sought-after by employers in the civil engineering and infrastructure sector. Our department contributes significantly to achieving national development goals through a strong commitment to sustainable infrastructure, innovative construction practices, and responsible engineering solutions, meeting the demands of a rapidly developing and urbanizing world.

### 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

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

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

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

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

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

### Programmes offered

- B.Tech - Civil Engineering
- Ph.D - Civil Engineering



*“Shaping a stronger world through structures, sustainability, and smart infrastructure.”*

## ABOUT BSI

The Bamboo Society of India (BSI) is a national-level organization dedicated to the promotion, development, and sustainable utilization of bamboo as a versatile and eco-friendly resource. It works towards creating awareness about the economic, environmental, and social importance of bamboo in sectors such as construction, handicrafts, rural development, and green technology.

BSI serves as a platform for professionals, researchers, artisans, and students to share knowledge, exchange ideas, and explore innovative applications of bamboo.

The organization actively promotes research, skill development, and the adoption of modern techniques to enhance the use of bamboo in various industries.

### Objectives of BSI

**The primary goal of BSI are as follows:**

- To encourage the use of bamboo as a sustainable and renewable material in construction, design, and other sectors.
- To support eco-friendly practices and contribute to environmental conservation through the use of bamboo.
- To promote research and development in bamboo technology and its modern applications.
- To conduct training programs, workshops, and awareness activities for students, professionals, and artisans.
- To spread awareness about the benefits and potential of bamboo among society.
- To enhance livelihood opportunities by promoting bamboo-based industries and craftsmanship.



## LIST OF EVENTS

S. No	Title of the Events
01	Seminar on Heritage construction
02	Seminar on Career Guidance for Young Civil Engineers

## Seminar on Heritage construction

A seminar on “Heritage Construction” was organized to provide students with an understanding of traditional construction practices and the importance of preserving historical structures. The session focused on the architectural and engineering aspects involved in heritage buildings, including materials, construction techniques, and cultural significance.

The speaker discussed methods of conservation, restoration, and maintenance of heritage structures, highlighting the challenges faced in preserving old buildings while maintaining their original character. Emphasis was given to the use of traditional materials, structural stability, and sustainable practices in conservation projects.

The seminar helped students appreciate the value of historical architecture and understand the role of engineers in protecting cultural heritage.

- Total Number of Participants : 420
- Resource Persons: Dr.G.Deivanayagam, International Conservation & Tamil Scholar
- Date : 08.02.2024

### Objective of the Activity

To introduce the concept of heritage construction and conservation.

To understand traditional building materials and techniques.

To explain methods of restoration and preservation.

To highlight challenges in maintaining heritage structures.

To create awareness about cultural and historical significance.

### Outcome of the Activity

Students gained knowledge about heritage construction practices.

They understood techniques for conservation and restoration.

Awareness of traditional materials and methods improved.

Students learned challenges involved in preserving old structures.

The seminar enhanced their understanding of cultural and sustainable construction practices.

## PHOTO GALLERY



**Honoring the Chief Guest  
Dr.G.Deivanayagam, International Conservation & Tamil Scholar**

## NEWSPAPER CUTTING



மணக்குள விநாயகர் என்ஜினீயரிங் கல்லூரியில் கருத்தரங்கு நடைபெற்ற காட்சி.

### மணக்குள விநாயகர் என்ஜினீயரிங் கல்லூரியில் பண்டைய தமிழர்களின் கலாசார தொழில்நுட்ப கருத்தரங்கு

புதுச்சேரி, பிப்.11—  
மதகடிப்பட்டு ஸ்ரீ  
மணக்குள விநாயகர்  
என்ஜினீயரிங் கல்லூரியும்  
இந்திய குடிமைப்  
பொறியாளர்கள்  
கலந்தாய்வு கூட்டமைப்பும்  
இணைந்து பண்டைய  
தமிழர்களின் கலாச்சாரமும்  
கட்டுமான அறிவியல்  
தொழில்நுட்பமும் என்ற  
தலைப்பில் கருத்தரங்கம்  
நடந்தது.

நிகழ்ச்சியில் தகஷ்ஷீலா  
பல்கலைக்கழத்தின்  
வேந்தரும், மணக்குள  
விநாயகர் கல்வி  
அறக்கட்டளையின்  
தலைவர் மற்றும் மேலாண்

இயக்குனருமான  
தனசேகரன் தலைமை  
தாங்கினார். கல்லூரியின்  
இயக்குனரும் முதல்வருமான  
வெங்கடாசலபதி  
அனைவரையும்  
வரவேற்றார். இந்த  
இக்கருத்தரங்கத்தின்  
முக்கியத்துவத்தையும்,  
தமிழர்களின் பெருமையை  
நடத்திச் செல்ல வேண்டும்  
என்பதை எடுத்துரைத்தார்.

பொறியாளர் முருகன்  
நோக்க உரையாற்றினார்.  
சர்வதேச பாதுகாப்பு  
கட்டிடக் கலைஞரும் தமிழ்  
அறிஞருமான தெய்வநாயகம்  
சிறப்பு விருந்தினராக  
கலந்து கொண்டார்.

அப்போது அவர் நம்  
பண்டைய தமிழனின் அறிவு  
சார்ந்த வாழ்க்கை முறையும்  
கலாச்சாரத்தையும்,  
நீர்மேலாண்மையும் அதை  
தமிழர்கள் எவ்வாறு  
கையாண்டார்கள்  
என்பதனை மிக தெளிவாக  
விவரித்தார்.

தேர்வுத் துறை  
கட்டுப்பாட்டு அதிகாரி  
ஜெயக்குமார் நன்றி  
கூறினார். கருத்தரங்கிற்கான  
ஏற்பாட்டினை கட்டிடவியல்  
துறைத் தலைவர்  
சுந்தரராமன் மற்றும்  
பேராசிரியர்கள்  
செய்திருந்தனர்.

Edited Printed and Published  
by C.SENTHILKUMAR for  
Malar Publications Ltd., at  
the Malar Press, 23, Cuddalore  
Road, Pondicherry-605001.

## Seminar on Career Guidance for Young Civil Engineers

A seminar on “Career Guidance for Young Civil Engineers” was organized to provide students with insights into various career opportunities available in the field of civil engineering. The session focused on guiding students in choosing appropriate career paths based on their interests, skills, and industry demands.

The speaker discussed different career options such as core engineering jobs, higher studies, government services, entrepreneurship, and emerging fields in civil engineering. Emphasis was given to the importance of skill development, internships, certifications, and continuous learning to stay competitive in the industry.

The seminar helped students gain clarity about their future goals and understand the expectations of the professional world.

- Total Number of Participants : 225
- Resource Person: Dr.M.U.Aswath, Principal and Director Bangalore Institute of Technology, Bangalore.
- Date : 28.03.2024

### Objective of the Activity

- To introduce various career opportunities in civil engineering.
- To guide students in choosing suitable career paths.
- To highlight the importance of skill development and higher studies.
- To create awareness about industry requirements and trends.

### Outcome of the Activity

- Students gained awareness of different career options.
- They understood the importance of skill enhancement and certifications.
- Clarity about higher studies and job opportunities was improved.
- Students were motivated to plan their career goals effectively.

## PHOTO GALLERY



**Honouring the Chief Guest Dr.M.U.Aswath, Principal and Director Bangalore Institute of Technology, Bangalore.**

## OVERALL SUMMARY OF AY 2023-24

During the academic year 2023–2024, the Bamboo Society organized seminars on Heritage Construction and Career Guidance for Young Civil Engineers to enhance both technical awareness and professional development among students.

The Heritage Construction seminar provided insights into traditional building practices, conservation techniques, and the importance of preserving cultural structures using sustainable methods. The Career Guidance seminar focused on exploring various career opportunities, industry expectations, and the importance of skill development in civil engineering.

Overall, these activities helped students gain knowledge in sustainable construction practices while also guiding them towards informed career planning, thereby supporting their holistic development in the field of civil engineering.

