



KSSEM
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

Kammavari Sangham ® 1952 K. S. Group of Institutions

K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC

Pulse

Feel the Pulse. Shape the future

Civil
Department
News Letter
Volume 1 (2022-23)



Empowering Young
Minds
with Excellence in
CIVIL Engineering &
Innovation – KSSEM
Where Futures Are Forged

About Us

At KS School of Engineering and Management (KSSEM), we believe in shaping not just careers, but the future itself. Established with a vision to nurture innovation and foster excellence in technical education, KSSEM stands as a beacon of learning, discipline, and progress.

With the state-of-the-art infrastructure, experienced faculty, and industry-aligned curriculum, we empower young minds to become future-ready engineers and leaders. Our commitment to academic excellence is matched by our dedication to holistic development, ensuring our students graduate with not only knowledge, but also confidence, ethics, and a global perspective.



VISION
To emerge as one of the leading Civil Engineering Departments by producing competent and quality ethical engineers with strong foot hold in the areas of infrastructure development and research.

MISSION
*To provide industry oriented academic training with strong fundamentals and applied skills
To engage in research activities in Civil Engineering and allied fields, Inculcating the desired perception and value system in the students*

PERFORMANCE
Consistently producing skilled graduates with strong academic records, successful placements, and impactful project outcomes.



WHY CHOOSE CIVIL KSSEM?

Department of Civil Engineering is established in the year 2010 and offers four year undergraduate course leading to Bachelor's degree in Civil engineering affiliated to Visveswaraya Technological University, Belgaum.

Department of Civil Engineering also offers Masters in Structural Engineering program since 2013. Research centre has been established in the year 2016-17 with more than 10 research scholars.

The Department aims at producing Civil Engineers for the Nation and also across the Globe. The Department has eminent faculty with wide range of experience in consultancy, research, teaching, training and field experience which will help the students to gain practical knowledge that is essential for their future endeavours.



MESSAGE FROM MANAGEMENT



It gives me immense pleasure to extend my heartfelt greetings to the Civil Engineering Department through this edition of the newsletter. Civil engineering stands as a pillar of our society, shaping the world we live in — from the buildings we inhabit to the infrastructure that drives progress. I am proud to see the department nurturing young minds with the technical knowledge, practical skills, and ethical values needed to become leaders in this vital field.

At Kammavari Sangham Group of Institutions, we are committed to fostering innovation, encouraging research, and promoting excellence. I am delighted to witness the department's continuous efforts in adapting to emerging technologies, sustainability practices, and modern construction techniques. The active involvement of students and faculty in seminars, workshops, internships, and industry collaborations is commendable and aligns with our vision of producing industry-ready professionals.

I urge all students to seize the opportunities presented to you — engage deeply with your studies, participate in projects, and cultivate a spirit of curiosity and critical thinking. Your journey here is not just about earning a degree; it is about building a strong foundation for lifelong learning and contribution to society.

I extend my best wishes to the entire Civil Engineering Department for its future endeavors. May you continue to uphold the legacy of excellence and make meaningful contributions to the engineering fraternity and the Nation at large.





SRI. R. LEELA SHANKAR RAO

Hon. Secretary

It gives me great pleasure to address the Department of Civil Engineering through this newsletter. Civil Engineering stands at the foundation of every Nation's development, shaping the very world we live in. At KSGL, we take immense pride in nurturing young minds to become future leaders and innovators in this vital field.

The Civil Engineering Department has consistently demonstrated excellence — be it through academic achievements, research contributions, or active participation in industry-driven projects. Your commitment to upholding the highest standards of learning and professional ethics is commendable.

As we move forward, I encourage all students and faculty members to continue embracing innovation, sustainability, and community service. Let us stay rooted in the timeless values of dedication, integrity, and hard work while constantly striving for excellence. I also urge you to seize every opportunity for growth, whether it be through hands-on learning, new technologies, or collaborations with industry.

The management stands firmly behind you in your journey to make meaningful contributions to society. Together, let us build a future that is strong, sustainable, and inspiring.

Wishing you all continued success.





SRI. T. NEERAJAKSHULU

Hon. Treasurer

It gives me immense pleasure to address the Civil Engineering Department through this newsletter. Civil engineering stands as the foundation of infrastructure development, contributing significantly to nation-building and societal progress. I am proud of the department's commitment to academic excellence, innovation, and ethical practice, which aligns with the core values of Kammavari Sangham Group of Institutions.

Your achievements, research initiatives, and active participation in industry-oriented activities reflect the strength of the department. I encourage all students and faculty to continue striving for excellence, embracing emerging technologies, and upholding the highest standards of professionalism. As an institution, we remain dedicated to supporting your growth, providing the necessary resources, and fostering a vibrant learning environment.

Together, let us continue to build a future where knowledge, innovation, and service go hand in hand. Wishing you all continued success and growth in your journey ahead.





DR. K.V.A. BALAJI

CEO, KSGI

It gives me immense pleasure to address the Civil Engineering Department through this edition of the newsletter. Civil engineering stands as the backbone of infrastructure development, shaping the progress of our society and nation.

At Kammavari Sangham Group of Institutions, we take pride in nurturing future engineers who will design and build the world of tomorrow.

I encourage all students and faculty to continue embracing innovation, sustainability, and excellence in your endeavors. Let your projects and research reflect the highest standards of quality and ethical practice. Remember, every structure you envision has the potential to impact lives and communities for generations.

I congratulate the department for its achievements and look forward to seeing many more milestones reached. Let us work together towards building a stronger, smarter, and more sustainable future.

Best wishes to all!





DR. K. RAMA NARASIMHA

Principal / Director

It gives me immense pleasure to address you through this edition of our newsletter. Civil Engineering has always been the backbone of societal development, and I am proud to see the department nurturing future leaders who will shape the world's infrastructure sustainably and innovatively.

At Kammavari School of Engineering and Management, we are committed to providing not just technical knowledge but also instilling a strong sense of ethics, creativity, and responsibility. I encourage all students to actively participate in research, workshops, and real-world projects that broaden your horizons.

Let us continue to uphold the department's tradition of excellence, innovation, and service to the community. I wish all of you success in your academic and professional pursuits, and look forward to witnessing the remarkable achievements that lie ahead.

Best wishes





Dr. Vijayalakshmi Akella

Professor & Head

I take the privilege to welcome you all to the Department of Civil Engineering at KSSEM. The Department of Civil Engineering has been in existence since the inception of KSSEM in 2010 and has grown into a full-fledged department with specialization in STRUCTURAL Engineering.

Besides high quality teaching and instruction at both UG and PG levels, the Department is actively involved in basic and applied research and consultancy and provides high quality technical advisory support through various R&D projects and consultancy to various organizations. The faculty members of the department are involved in high quality research and consultancy activities.

The Department of Civil Engineering with its multifaceted faculty continues to maintain and cultivate its strong links with the infrastructural industry. We encourage students to engage in extra-curricular and co-curricular activities, essential for development, nurturing of team spirit, and developing organizational skills.





DEPARTMENT EVENTS



Industrial Visit To Plumbex Exhibition

Date: 28-04-2023

PLUMBEX is Asia's leading trade fair for Plumbing materials, art and design, the third in the world. PLUMBEX platform witnesses the finest national and international brands, eminent architects, real estate developers, hoteliers, equity investors, builders, engineers and designers from India and around the world.

Industrial Visit to BWSSB Water Treatment Plant- T.K.HALLI

Date: 14/12/2022

The visit provided an opportunity to students to get an exposure of industry water treatment and practical experience which facilitated them to enhance their knowledge.



Field Visit to Tulasi RMC Plant

Date: 24/11/2022

The visit to the RMC (Ready-Mix Concrete) plant proved highly beneficial in providing students with a comprehensive understanding of the batching and mixing processes. They gained valuable insights into the concrete manufacturing process, the materials used, the various tests conducted on concrete blocks, and the curing procedures essential for ensuring quality and durability.

Industrial Visit to STONA-2023

Date: 17/02/2022

Students were exposed to the different types of stones and granite used in the construction industry all over the world. They learned about the varieties of stone available in different states of India, different chemicals admixtures and adhesives in use currently in the modern construction industry.



Field Visit to ASHIRVAD PLUMBING SCHOOL

Date: 20/01/2023 & 21/01/2023

Students understood about plumbing and the fundamental aspects of plumbing. They were exposed to the different types of plumbing fixtures and connections. They learned about the distribution of water supply and sewerage systems. They learned about the tools and techniques used in plumbing practices.



Date: 06/03/2023 & 08/03/2023

Field Visit to Heritage walk Belur & Halebidu

The students of III Semester visited the Heritage place Belur and Halebidu as a part of subject Social Connect and Responsibilities between 06/03/2023 to 08/03/2023. Belur, situated on the banks of river Yagachi, 38 km from Hassan, is a world famous tourist destination. The town is renowned for its Chennakeshava temple, one of the finest examples of Hoysala workmanship. The temple was consecrated by the famous Hoysala king Vishnuvardhana to mark his victories in 1116 AD against the Cholas and called the Vijaya Narayana



Field Visit to Construction Site Visit

Date: 13/03/2023

The visit provided an opportunity to students to get an exposure of site conditions and practical experience which facilitated them to enhance their skills and industry understanding.

Technical Seminar on Importance of Higher Education

Agni Mithra Murari, an Alumnus of KSSEM Civil Department who completed his Master's in Structural Engineering from California State University shared his views on the topic of "Importance of Higher Education" with the final year Civil Engineering students.

Date: 13/12/2022



Ascend School of Construction Business.

Date: 13/03/2023

A technical talk was conducted by Ascend School of Construction Business on an Exclusive opportunity to avail assured Placements for Final year Students

A One Day Workshop on Concrete Mix Design in Association with Ultra Tech Cement Private Ltd.

Date: 01/03/2023

Students gained both theoretical and practical knowledge of Concrete Mix Design, including relevant IS Codes and its importance in construction.





Five Day FDP on The Challenges and Opportunities for Women in Science, Technology, Engineering & Mathematics. (STEM)

Date: 03/02/2023

The chief guest for the event was Sailaja P Vice President from Customer Delivery Head -Banking, TCS- Financial Solutions. This conference also aims at changing the mind-set of the policy makers, employers, colleagues, students and society at large. Gender equality will bring new perspective to the industry and provide better future for Indian women in STEM.



Two-day technical training on land survey using Total Station

Date: 21/03/2023 & 22/03/2023

In this training, students were exposed to the operation and use of total station for land survey works., including village water supply and sewerage systems, township planning, highways, and new tank projects.

One Week Pre-Employment Training on Good and Bad Practices of Construction

Date: 20/03/2023 to 29/03/2023

The main objective of this programme is association with Itra-Tech was to create a platform for students to understand real-world construction practices. As a part of the Pre-Employment training, students were encouraged to visit at least 15 ongoing construction sites at different stages of construction and document various details with regard to good and bad practices adopted in the industry.



A One Day National Conference On "Emerging Trends in Sustainable Built Environment"(NCESBE)

Date: 03/02/2023

This conference provided a platform for researchers to share their insights, experiences and exchange ideas related to sustainable built environment. Emerging technologies and scientific advancements in various themes related to sustainable built environment were discussed.

Dr. G. Narayana, Professor & Head, Civil Engineering Department, SJC Institute of Technology and Dr. N. S. Kumar, Professor & Head, Civil Engineering Department, Ghousia College of Engineering were invited as the Session Chairs for the Conference



World Environment Day

Date: 05/06/2023

Sri Punati Sridhar was the Chief Guest for the occasion. Ceremonial planting sampling in the college campus was taken up by the Hon'ble Chief Guest, Management, Dr Vijayalakshmi Akella (Head of the department), NSS Officer Manohar and the staffs of K S School of Engineering and Management.

Project Exhibition Day

Date: 08/05/2023

Project Exhibition 2022-2023 was organized on 08/05/23 by K. S. School of Engineering and Management for the projects designed and developed by students on innovative ideas. Dr. Rajeeva Subbaiah Venkatesh, Professor (Retd.), Dept. of Civil Engineering, NITK Surathkal was the Judge for the event.



ACE TECH Exhibition

Date: 14/10/2022

Students were exposed to the different types of construction materials used all over the world. They learned about the varieties of materials in different parts of India, different chemicals, admixtures and adhesives in use currently in the modern construction industry.

AICTE ACTIVITY- SHARE initiative

(Senior Helping the Achievements of Rural in Education at Sai Krushna Vidya Mandir Hosadoddi)

Date: 19/08/2022

As part of the VTU AICTE Activity Programme aimed at enhancing soft skills and societal commitment, 4th semester Civil Engineering students actively participated in the SHARE initiative by Sai Krushna Vidya Mandir on 20th August. The program empowers college students to mentor and support school students in their educational journey.





TOPPERS LIST

II Year



PRIYADARSHINI J

82.0



RANJITHA M

81.0



SUHAS P

79.0

III Year



PAVAN

87.88



SNANDA S R

85.76



NIDA MANZOOR TELI

84.05

IV Year



SALMAN BASHIR

87.76



SWETHA M A

87.46



SUHAIL ALTAf DAR

87.23



PLACEMENT OF OUTGOING STUDENTS 2022-23

STUDENT NAME	COMPANY WORKING
MONISHARP	EBENUS DESIGN SOLUTIONS PVT. LTD.
RC RAMACHANDRA GOWDA	EBENUS DESIGN SOLUTIONS PVT. LTD.
SALMAN BASHIR	LUMI GRAPHICS
SHWETHA MA	LUMI GRAPHICS
NAVEEN KUMAR S	BLACK OLIVE VENTURES
PRAJWALL V	BLACK OLIVE VENTURES
RAJULA SAI JITHIN	BLACK OLIVE VENTURES
SRINIDHI G JOSHI	BLACK OLIVE VENTURES
VIJAY P	24/7 CUSTOMER PVT. LTD

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PUBLICATIONS

Sl No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Effect of Sodium Hydroxide Molarity on Fracture Behavior of Geopolymer Concrete Beams	Mr. Veerendra Kumar & Mr. Prashanth M.	Dickensian Journal	2022	0012- 2440
2	Experimental Studies on Slump and Strength Properties of Concrete with Natural Admixture	Dr Amrutha Dhiraj	Neuro Quantology	2022	ISSN 1303-5150
3	Comparative analysis of compressive strength of masonry units with Geo-polymer Blocks and concrete blocks with and without horizontal reinforcement	Manjunath B	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3901
4	Comparative analysis of compressive strength of masonry units with Geo-polymer Blocks and concrete blocks with and without horizontal reinforcement	Prashanth M	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3902
5	Seismic analysis of multi stored building with shear walls at different location	Dr Vijayalakshmi Akella	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3901
6	An influence of Industrial and agricultural by-products on self-curing concrete- A review.	Dr Rashmi H R	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3901
7	Seismic analysis of multi stored building with shear walls at different location	Dr Naveena M.P	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3901



8	Seismic analysis of multi stored building with shear walls at different location	Mr. Shashi prasad N	Emerging trends in sustainable built environment (NCESBE)	2022	ISSN:2583-3901
9	Properties of natural and alkali activated coarse aggregate	Dr Naveena M.P	Advanced Engineering Science	2022	ISSN: 2096-3246
10	Recovery of phosphorus as struvite from the dewatered liquor through crystallization using seawater as magnesium source	Dr Rashmi H R	Resource Recovery in Municipal Waste Waters	2022	978-0-323-99348-7

Thank You

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