



I. Industrial Visit/Survey camp/Internship

a) Extensive Survey Camp for VI Semester students of Civil Engg Dept., conducted for Ten days as a part of curriculum prescribed by the VTU. Sangankallu Village Moka Road, Ballari.



b) Technical visit from the Department of Civil Engineering on 10th November 2025 ,Place Kumarswami temple Sanduru Heritage as a part of Curriculum.



c) Technical visit from the Department of Civil Engineering on 10th November 2025, Place Narihalla Dam, Sanduru as a part of Curriculum.





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d) "Masonry Training Programme" Venue: - Department of Civil Engineering, RYMEC, Ballari.



e) "Construction of TVM Pharmacy College Ground Floor Roof concreting" in RYMEC Campus, Ballari. 03.09.2025



f) "Construction of AICTE Idea laboratory" in RYMEC, Ballari 21.08.2025





II. Academic Toppers:-

a) Academic year 2024-2025 Topper M. Tech (Structural Engineering)

PLACE SECURED	USN	Name of the Student	CGPA
1	3VC23CSE03	K Avinesh	8.37
2	3VC23CSE06	Manoj.G	7.90
3	3VC23CSE11	Samreen Sulthan	7.82

b) Academic year 2024-2025 Topper of 8 semester Civil Engineering

PLACE SECURED	USN	Name of the Student	CGPA
1	3VC21CV001	A K Shivaneela	8.61
2	3VC22CV439	M Divya	8.45
3	3VC21CV007	Harshitha B M	8.31


III.
NBA

Status: - Department of Civil Engineering Accredited from 2021-2024


IV. PATENT Details:

a) PATENT TITLE “STRENGTH AND DURABILITY STUDIES ON HYBRID FIBER REINFORCED HIGH PERFORMANCE CONCRETE”, by Dr. Adanagouda & Dr. H.M. Mallikarjuna. Application Number 202341020143

4:48
VoLTE 4G+ 60%



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 Department of Industrial Policy & Promotion,
 Ministry of Commerce & Industry,
 Government of India



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202341020143
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/03/2023
APPLICANT NAME	1 . Dr. Adanagouda 2 . Dr.H.M.Mallikarjuna
TITLE OF INVENTION	STRENGTH AND DURABILITY STUDIES ON HYBRID FIBER REINFORCED HIGH PERFORMANCE CONCRETE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	06/06/2023
PUBLICATION DATE (U/S 11A)	31/03/2023



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b) PATENT TITLE “Innovative approaches to high performance concrete: The synergy of binary mineral admixture and composite fiber reinforcement in enhancing strength, endurance and development of unified mix design methodology”, by 1. Dr. H. Sudarsana Rao, 2. Dr. Sachin Patil, 3. Dr. Vaishali G.Ghorpade & 4. Dr.T.H Patel. Application Number 202341006000 is published on 24/02/2023

Application Details	
APPLICATION NUMBER	202341006000
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/01/2023
APPLICANT NAME	1 . Dr. H. Sudarsana Rao 2 . Dr. Sachin Patil 3 . Dr. Vaishali G.Ghorpade 4 . Dr.T.H Patel
TITLE OF INVENTION	Innovative approaches to high performance concrete: The synergy of binary mineral admixture and composite fibre reinforcement in enhancing strength, endurance and development of unified mix design methodology
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	24/02/2023

V) Consultancy Activities

The Department of Civil Engineering, RYMEC, Ballari carried out testing on construction Material and 3rd party inspection from various government/company works such as City Municipality Corporation. Zilla Panchayat, BUDA Ballari, Town Municipality Kurugodu, sandur etc.,



VI) Department Activities:



Technical talk “AWARENESS PROGRAM ON KARNATAKA PROFESSIONAL CIVIL ENGINEERS ACT (KPCEA)”



Engineers' Day Celebration-2025

**TECHNICAL SITE VISIT : ASM Collage
 2nd floor slab casting.**



**Parents Teachers Meeting, Scheduled on
17.8.2025 @ Civil Engineering Department.**



**PPR, Ready mix plant (RMC) @
Venivirapura village,Ballari**



**TECHNICAL SITE VISIT : VSKU, Ballari
Foundation concreting work,**





'Graduation Day' on 27/05/2023.Venue:- CSE Seminar Hall ,RYMEC.Ballari.



VII) Research center Activities

Civil Engineering Department has recognized research center affiliated to VTU was established in 2014. Currently Eight number research scholars were registered for Ph.D and carrying the research work at research center.

Sl. NO.	Name of the Guide	Name of Research Scholar	University	Status of Research
1	Dr.H.M.Mallikarjuna	Aijaz Hussain	V.T.U.	Comprehensive Viva Voce is completed
2	Dr.H.M.Mallikarjuna	Adana Gouda	V.T.U.	Ph.D Awarded.
3	Dr.M.S.Shobha	Mahesh Sajjan	V.T.U.	Ph.D Awarded
4	Dr.M.S.Shobha	Md.Khalid	V.T.U.	Ph.D Awarded.
5	Dr.M.S.Shobha	Basavalingappa	V.T.U.	Open seminar 2 completed
6	Dr.Sachin Patel	Basavaprabhu.M.S.	V.T.U.	Course Work is completed
7	Dr.B.Gangadharaiah	PavanKumar.M.	V.T.U.	Comprehensive Viva Voce is completed.



8	Dr.M.S.Shobha	RajaniUmapathi	V.T.U.	Course Work is completed
9	Dr.M.S.Shobha	Anil Kumar.H.M	V.T.U.	Thesis Submitted
10	Dr.M.S.Shobha	Nayana.B.S.	V.T.U.	Comprehensive Viva Voce is completed.

VIII) Center of Excellence

Skill Development and Innovation Center

Skill Development and Innovation Centre, Department of civil Engineering, was established in well positioned to act as a catalyst, to bring about a holistic change in the construction industry. Skill Development and Innovation Centre operations are in the area of skill development, skill up gradation and capacity of buildings of all types of human resources, exclusively for construction industry.

The main purpose is to develop and build capacities of human resources to enhance quality and productivity of construction industry. Skill Development and Innovation Centre conducts trainings for unemployed youth, workers, tradesmen, construction engineers, contractors, managers, supervisors and technicians to develop skill and inculcate professionalism and contribute significantly towards creation of strong technical workforce that would bridge the gap between industry requirements and academic orientation.






INTERNSHIP AT SKILL DEVELOPMENT AND INNOVATION CENTRE

The students have to work in industry to set-up related to the construction activities, materials testing laboratories and project management. And other avenues related to the civil engineering domain in consultation and approval of Internship Guide/ HOD /Internship committees of the institutions. Student shall make a midterm and final presentation of the activities undertaken during the first 6 weeks and at the end of 12th week of internship respectively, to a panel comprising internship guide, a senior faculty from the department and head of the department. Each student should submit the internship report at the end of semester with internship certificate. In this regard the student has worked various civil Engineering activities such as Prepare the Plan for the building with NBC norms and Vastu, Elevation of building by Google sketch up, Hands on session on bar bending work, masonry work, Plumbing work, and Painting work.



IX) RESEARCH WORK

<p>Mahesh awarded with Ph.D. Degree on 16th May 2025 from VTU, Belagavi for the thesis titled “STUDIES ON HYBRID FIBER REINFORCED TERTIARY BLENDED HIGH PERFORMANCE CONCRETE”</p>	
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X) PAPER PUBLICATION:-

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
Resilient and green structural potential of steel fiber reinforced geo polymer concrete	Dr. M S Shobha	www.nature.com/scientificreports/	2025	https://doi.org/10.1038/s41598-025-05768-6
Comprehensive Seismic Performance Evaluation of a G+10 Reinforced Concrete Building Through Response Spectrum and Equivalent Static Analysis Using ETABS	Dr. Sachin Patil	JETIR	Volume 12 Issue 10 2025-10-24	ISSN: 2349-5162
Analysis of High- Rise Building G+20 Under Different Shear Wall Openings and Different Seismic Zone Using Etabs	Basavalingappa	IJARSCT	Volume 5, Issue 2, October 2025	ISSN: 2581-9429
Study of earthquake response of plan irregular structure considering soil variability across	Veerashaiah H M	IJNRD	Volume 10, Issue 11, November 2025	ISSN 2456-4184



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different seismic regions, using CYPE software				
Comparative Study for Asymmetrical Building with and without Bracing using SAP-200	Pavan Kumar M	IJNRD	Volume 10, Issue 11, November 2025	ISSN 2456-4184
Water analysis of different river basin	Manohar P	IJARST	Volume 6, Issue 2, January 2026	ISSN 012026-A0546

Head of the Department