



**V.V Sangha's  
RAO BAHADUR Y MAHABALESWARAPPA  
ENGINEERING COLLEGE, Cantonment, Ballari - 583103  
Department of Civil Engineering**



## I.Industrial Visit/Survey camp/Internship

### a) Survey camp

Extensive Survey Camp for VI Semester students conducted for Ten days as a part of curriculum prescribed by the VTU. Place at Devasamudra, Molakalmuru Taluk ,Chitradurga District. Date :4 /4/2022 to 13/4/2022



### b) Cleanliness Awareness Program at Devasamudra, Mollakalumuru Taluk, Chitradurga District. Date:- 13/04/2022





c) Technical visit from the department of civil engineering on 30<sup>th</sup> october 2021 ,for the construction of road bridges at Rampura, Molakalmuru Taluk ,Chitradurga District.



d) Graduation Day at Civil Engineering Department. Date: - 25/06/2022, Venue:-Seminar Hall



## II. Result Analysis

Results of 7 semester A section

Total number of students	APPEARED	S+	S	A	B	Pass	F	AB	PASSING
59	59	0	0	11	38	49	10	0	83.05

Results of 7 semester B section

Total number of students	APPEARED	S+	S	A	B	Pass	F	AB	PASSING
62	62	2	19	23	06	50	11	0	80.65



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Results of 5 semester A section

Total number of students	APPEARED	S+	S	A	B	Pass	F	AB	PASSING
71	70	0	14	15	16	45	25	1	63.38

Results of 5 semester B section

Total number of students	APPEARED	S+	S	A	B	Pass	F	AB	PASSING
71	71	4	16	21	6	47	24	0	66.20

Result of 3 semester Combined A section & B section

Total number of students	APPEAR ED	S+	S	A	B	C	D	E	Pass	F	AB	PASSING
77	75	00	01	4	13	7	2	0	27	50	02	36.13

Academic Toppers:-

Academic year 2021-2022 Topper M.Tech 2<sup>nd</sup> YEAR (Structural Engineering)

PLACE SECURED	USN	Name of the Student	Percentage
1	3VC20CSE12	SHIVARAJA.K	88.167
2	3VC20CSE14, 3VC20CSE16	TANUSHA .S. M, VIDYASHREE. M. HALLUR	85.166, 85.166,
3	3VC20CSE02	ALEKHAYA.M	83.167

Academic year 2021-2022 Topper M.Tech 1<sup>st</sup> YEAR (Structural Engineering)

PLACE SECURED	USN	Name of the Student	Percentage
1	3VC21CSE01	Akash.M.J	75.85
2	3VC21CSE09	Manoj Kumar.A.E.	73.71
3	3VC21CSE08, 3VC21CSE17	Keerthi Kumar, Syed MD Hashir R	71.42, 71.42



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Academic year 2021-2022 Topper of 7 semester Civil Engineering

PLACE SECURED	USN	Name of the Student	MARKS SCORED
1	3VC18CV111	VISHNU .C	725
2	3VC18CV104	VIJAYALAKSHMI. H.M.	703
3	3VC18CV035	GHOUSIYA BEGUM	700

Academic year 2021-2022 Topper of 5 semester Civil Engineering

PLACE SECURED	USN	Name of the Student	SGPA
1	3VC19CV044	NAGARAJ.N	9.29
2	3VC19CV057	Sharana Gouda	9.25
3	3VC19CV027, 3VC20CV426	J.Mallikarjun, Raghavendra.A.K.	9.21, 9.21

Academic year 2021-2022 Topper of 3 semester Civil Engineering

PLACE SECURED	USN	Name of the Student	MARKS SCORED
1	3VC20CV036	SYED MUZAKKIR	714
2	3VC20CV014	LEO ARYAN V K	634
3	3VC21CV431	SUNITHA H G	<b>630</b>

iv) NBA Status :- Department of Civil Engineering Accredited from 2021-2024

#### **v) Consultancy Activities**

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





## DEPARTMENT ACTIVITIES:



Ayudha puja celebrated in department of civil engineering on 14<sup>th</sup> oct 2021

Ayudha Puja is a part of the Navratri festival (Nine nights), a Hindu festival that is traditionally celebrated in India. It may be translated to “**Worship of Instruments**”.

It is celebrated in Karnataka (in erstwhile Mysore State) as “Ayudha Puje”



Earth day

Earth day is an annual event on April 22 to demonstrate support for environmental protection. First held on April 22, 1970

The 'only one earth' theme focuses on “**living sustainably in harmony with nature**,” as it calls for collective, transformative action on a global scale to celebrate, protect and restore our planet.

Ballari Fort Cleaing    Date 01/05/5022



Ballari Fort Cleaing    Date 01/05/5022







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Parents Teachers Meeting

Parents Teachers Meeting ,Scheduled on  
12.3.2022 @ Civil Engineering Department.



Civi Tech Fest From 27 May 2022 to 29 May 2022



Repiaring of road work from the Students of Civil  
Engineering Departemnt . Date:- 30-06-2022 ,  
Loacation:- Airport Road



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'Environment Day' is celebrated on  
06/06/2022.Venue:- CSE Seminar Hall



### vi) FUNDED PROJECTS

Sl.No.	Project Title	Project Guide	Students Name and USN	AMOUNT SANCTIONED( IN Rs.)
1	To treat sewage/synthetic waste water by using different algae along with other treatment processes	Mr. VIJAYA KUMAR .M.R.	1.V SANJAY: 3VC18CV101 2.Y JAGANNATH: 3VC18CV113 3.M.SAI VARDHANA: 3VC18CV056  4.JAYANTH G: 3VC18CV041	Rs.10,000.00
2	Design of flexible pavement using crumb rubber	Mr.GURUPADA SWAMY. N.M	1.ARPITHA S: 3VC18CV015 2.AKSHATA: 3VC18CV009 3.AYYAPPA SWAMY: 3VC18CV051 4.SHASHANK KBM: 3VC18CV051	Rs.4,000.00



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3.	Design of pavers block using foundry sand.	Mr. BASAVA PRABHU.M .S.	1.SAI KRISHNA REDDY G: 3VC18CV085 2.AMRUTHRAJ: 3VC18CV012 3.PRATHIMA.V: 3VC18CV070 4.SYED ALI: 3VC19CV434	Rs.4,000.00
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### 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.	Course Work is completed.
2	Dr.H.M.Mallikarjuna	Adana Gouda	V.T.U.	Thesis Submitted.
3	Dr.M.S.Shobha	Mahesh Sajjan	V.T.U.	Comprehensive Viva Voce is completed
4	Dr.Vaishali G Ghorpade	Pushpalatha R Gadag	JNTU	Thesis Submitted
5	Dr. H. Sudarsana Rao	Sachin Patil	JNTU	Ph.D Awarded
6	Dr.M.S.Shobha	Basavalingappa	V.T.U.	Comprehensive Viva Voce is completed
7	Dr.H.Ravikumar	Basavaprabhu.M.S.	V.T.U.	Course Work is completed
8	Dr.B.Gangadharaiah	Pavan Kumar.M.	V.T.U.	Course Work is completed
9	Dr.M.S.Shobha	Rajani Umapathi	V.T.U.	Course Work is not completed
10	Dr.M.S.Shobha	Md.Khalid	V.T.U.	Comprehensive Viva Voce is





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				completed.
11	Dr.M.S.Shobha	Anil Kumar.H.M	V.T.U.	Registered.
12	Dr.Srishaila.J.M	Gurupada Swamy.N.M.	V.T.U.	Registered.
13	Dr.Srishaila.J.M	Sunil Kumar	V.T.U.	Registered.
14	Dr.M.S.Shobha	Nayana.B.S.	V.T.U.	Registered.

### 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 12<sup>th</sup> 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.

Internship Training at Civil Engineering Department. From 02/05/2022 to 08/06/2022







## ix) RESEARCH WORK

**Sachin Patil** awarded with Ph.D. Degree on 20<sup>th</sup> May 2022 from JNTU, Anantapuramu for the thesis titled “**Study on Strength and Durability Properties of Composite Fiber Reinforced High Performance Concrete with Binary Mineral Admixture Blend**”



## x) PAPER PUBLICATION:-

1. Patil, Sachin, et al., "Durability and micro-structure studies on fly ash and silica fume based composite fiber reinforced high-performance concrete." Materials Today: Proceedings 49(2022): 1511-1520.
2. Patil, Sachin, T. H. Patel, and E. Yashodha. "The effect of rice husk ash, silica fumes, and quarry dust on glass fibre reinforced concrete's strength properties." Materials Today: Proceedings (2022).
3. Dr.M.S.Shobha, Khalid.S., et al., "Analysis of strength and durability properties of ternary blended geo-polymer concrete." Materials Today: Proceedings 54 (2022): 259-263.
4. M.R.Vijaya Kumar, Dr.S.B.Vanakudre, "Probabilistic Design Analysis of Sustainable Unconventional Materials Used In Concrete Mix Aggregates: A Novel Statistical Analysis Based Eco-Friendly Approach". International Journal of Engineering Trends and Technology 70.1(2022):259-274.
5. Adana Gouda, et al., Strength and Durability Studies on Hybrid Fiber Reinforced High- Performance Concrete for Silica Fume Based Mineral Admixture materials today: IOP Conf. Series: Earth and Environmental Science 822 (2021) 012041.

Head of the Department