




CURRICULUM VITAE

Name:	Prof. S.M.CHANDRAKANTH	
Designation:	Assistant Professor / H.O.D / Resi.Er	
Department:	CIVIL ENGINEERING	
Specialization & Research Interests:	<p style="text-align: center;">HIGHWAY ENGINEERING</p> <p style="text-align: center;">&</p> <p>Design, Analysis of Pavement and Highway Geometric Design. Construction of Highway (Flexible and Rigid Pavements). Surveying (Conventional and Advanced). Project Management. Structural/Highway Design and Execution. Traffic Engineering etc... Analysis of Pavement Subgrade. Road Design (Traffic, Highway capacity, Lifecycle and materials).</p>	
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Address:	Department of Civil Engineering Hirasugar Institute of Technology, Nidasoshi (Belagavi, Karnataka) - 591236	

2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D	2021	Civil Engineering (Pursuing)
M.Tech	2015	Highway Engineering
B.E	2008	Civil Engineering

3. ANY OTHER QUALIFICATION: - Nil -**4. PROFESSIONAL EXPERIENCE:**

Organization/Institute/University	Position Held	Duration
S.J.P.N.T's H.I.T, Nidasoshi (Belagavi, KA)	Assistant Professor / H.O.D / Resi.Er	24 th Aug, 2021 to Till date
V.S.M's S.R.K Institute of Technology, Nipani (Belagavi, KA)	Assistant Professor / H.O.D (Degree/Diploma)	5 Year 6 Months
K.L.E's C.B.Kore Polytechnic, Chikodi (Belagavi, KA)	Lecturer	3 Year 4 Months
Vedant Constructions, Dharwad	Senior Engineer	1 Year
Vedant Constructions, Dharwad	Site Engineer	1 Year

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
Resident Engineer	current	Looking after Design, construction, Execution and maintenance works.
H.O.D	current	Teaching & Departmental Administration
H.O.D (Degree / Diploma)	5 Year 6 Months	Teaching & Departmental Administration
Diploma Marketing Head of Admissions 2018 & 2020	2 Year	To take care of overall needs of admission aspirants

6. COURSES TAUGHT:

Water Resources Engg., Environmental Engg., Design & Drwg of Steel Structures,
 Materials of Construction, Construction Materials, Urban Transportation Planning,
 Pavement Materials Const., Basic surveying, Advance surveying,
 Town Planning, Sanitary Engg., Water Supply Engg.,
 Traffic Engg., Highway Engg., Transportation Engg.,

7. RESEARCH SUPERVISION:**A. Ph.D:**

- i. Awarded : - Nil -
- ii. Submitted : - Nil -
- iii. Ongoing : - Nil -

B. M.Tech.

- i. Awarded : - Nil -
- ii. Submitted : - Nil -
- iii. Ongoing : - Nil -

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

- i. Awarded : 06

1. Behavior of composite concrete with waste PPE Kit and Coir Fiber as shoulder material for pavement, 2020-21
2. Modelling and simulation of traffic at intersection by using VISSIM.2018-19
3. Road Geometric features and its effects on accidents (A case study Nipani-Sankeshwar NH-4 Road stretch, Belgaum, KA), 2016-17.
4. A Case Study on Rainwater Harvesting for VSMIT campus Nipani. 2016-17.
5. Cement concrete roads and its maintenance (NH-4 Near Dharwad & Hattargi).
6. Design and analysis of smart building.

- ii. Submitted : 06
- iii. Ongoing : - Nil -

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

Diploma Marketing Head of Admissions 2018 and 2020.

Member of consultancy cell, Department of Civil Engg., V.S.M's S.R.K Institute of Technology, Nipani – 01-10-2012 to 23-01-2016.

Member of consultancy cell, Department of Civil Engg., K.L.E's C.B.Kore Polytechnic, Chikodi – 01-10-2012 to 23-01-2016.

9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

A Lifetime member of "INTERNATIONAL ASSOCIATION OF ENGINEERS" bearing Membership No:220815-2018.

10. PUBLICATIONS:**A. BOOKS/MONOGRAPHS:**

1. **Authored:** Nill
2. **Edited:** Nill

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

- i. "Study on Sugar cane bagasse ash in concrete by partial replacement of cement" IJEAST on Vol-4, Issue-11, Mar 2020.
- ii. "Study on CO₂ absorbing rigid pavement" IJEAST on Vol-4, Issue-11, Mar 2020.
- iii. "Study on Generation of Electricity Using Power Humps" IJERSET on Feb 2017.
- iv. "Study on Stabilization of Soil by Electro-Kinetic Method" IJETSR on 2nd, July 2017.

C. PAPERS IN CONFERENCES PROCEEDINGS:

- i. "Study on Generation of Electricity Using Power Humps" IJERSET on Feb 2017.
- ii. "Study on Stabilization of Soil by Electro-Kinetic Method" IJETSR on 2nd, July 2017.

11. Patents/Copyrights/IPR (If Any)

- Nill -

12. INVITED TALKS:

Have invited for a talk on "Orientation program on Computer Application Laboratory" for "Induction program for final year diploma students on Career Guidance" activity, Organised by DCE SJPNT's HIT, Nidasoshi on 28th Oct, 2021.

13. RESEARCH PROJECTS (COMPLETED/ONGOING):

- Nill -

14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/ WORKSHOPS/ CONFERENCES:

A. Seminars

1. Have participated in All India seminar on **“PAVEMENT EVALUATION & REHABILITATION”**, held at **K.L.E Dr.M.S.Sheshgiri College of Engineering and Technology, Belagavi** (Karnataka), in September 2017.

B. Webinars

1. Have participated in webinar on **“National Intellectual Property Awareness Mission”**, organized by **Intellectual Property office India**, on 12th May, 2022.
2. Have participated in webinar on **“Durability and Sustainability are the keys to HPC Structures”**, organized by **QCRETE READYMIX (INDIA) Pvt Ltd**, on 17th Feb, 2022.
3. Have participated in webinar on **“Understanding Structural Health in INDIA – A need”**, organized by **QCRETE READYMIX (INDIA) Pvt Ltd**, on 27th May 2021.
4. Have participated in webinar on **“Recent Advancements in Concrete Technology”**, organized by **KLECET Chikodi** (Belgaum)-591201, on **21st, 23rd, 26th and 27th of May 2020**.

C. Faculty Development / Orientation / Refresher Program

1. Have participated in Three Days Online FDP on **“Geotechnical Engineering Practices and its Sustainable Development”** Organized by Department of Civil Engineering **BIT&M, Bellari, 26th to 28th May, 2022**.
2. Have participated in Four Days offline FDP on **“Software Engineering and Testing Methodologies”** Organized by **SJPNT’s HIT Nidasoshi, Under VGST. 16th to 19th March, 2022**.
3. Have participated in Five Days Online FDP on **“An Overview of Teaching Techniques in Innovation and Design Thinking”** Organized by **AICTE and VTU HRDC. 06th to 10th Dec, 2021**.

4. Have participated in Five Days Online Elementary FDP on “**Intelligent Metro Rail Transport System for Indian Cities**” Organized by **NMIT Bangalore and AICTE (ATAL) Academy. 20th to 24th Sep, 2021.**
5. Have participated in Orientation / Refresher Program on “**Preparation of lab Manual and Project Evaluation**” Organized by **Government Polytechnic College, Bagalkot, KA.** From 15th to 20th April, 2021.
6. Have participated in One-week online FDP on “**NBA and NAAC Accreditation Process**” Organized by IQAC Cell, **M.S Ramaiah Institute of Technology, Bangalore.** From **4th to 8th June, 2020.**

D. Workshops

1. HAVE participated in "**The BodhiTree and SAFE Tools for Effective Teaching: A Hands –On Worksop**", Organised by Teaching and Learning Center (ICT) at **IIT Bombay**, from 18th to 24th June, 2020 (Funded by PMMMNMSTT), **MHRD Govt of INDIA.**
2. HAVE participated in "**Advance Survey Using Total Station and Drone**", held at BLDEA's VP Dr.PGH College of Engineering and Technology, Vijayapur (Karnataka), from 27th to 31st July, 2019 (Under **VTU TEQIP 1.3 Sponsored**).
3. Have participated in a Three-day National Level Workshop on “**Geospatial Technology (Essential workflows of QGIS)**”, Conducted by **DWLM VTU Belgaum**, with **NRDMS-DST**, in 16th to 18th February, 2017.
4. Have participated in a Three-day Workshop on “**Hands on Total Station**”, Conducted by **KLECET Chikodi (Belgaum)-591201**, in 15th to 17th Sept, 2016.
5. Have participated in a Ten-day ISTE Workshop on “**Environmental Studies**”, Conducted by IIT Bombay, ISTE and ICT (MHRD), 02nd to 12th June, 2015.
6. Have participated in a Three-day Regional Workshop on “**Surveying Using Total Station & DGPS**”, Conducted by **KLS GIT Belgaum**, in 5th to 7th January, 2015.

E. Conference

1. Have participated in a Two-day **NATIONAL LEVEL CONFERENCE** on Recent Advances in Civil and Mechanical Engineering (RACE 18)”, Conducted by KLECET Chikodi (Belgaum)-591201, in 9th to 10th Mar, 2018.
2. Have participated in a **1st NATIONAL LEVEL CONFERENCE** on Advances in Civil and Mechanical Engineering (NCACME 17)”, Conducted by Girijabai Sail Institute of Technology, Karwar, on 10th and 11th February 2017.
3. Have participated in a **2nd INTERNATIONAL CONFERENCE** on “Advancement in Engineering, Applied Science and Management” (ICAEASM-2017)”, Conducted by IIC, New Delhi, (India), in 2nd, July 2017.

F. Online Quiz / Questioner / Test

1. Have participated in Online Quiz on “**Research Methodology**”, Organized by Dept; of Computer Science **KLECET Chikodi** (Belgaum), on 28th May 2020.
2. Have participated in Online Test on “**Advances on Outcome Based Education in NBA Accreditation Process**”, Organized by **GMIT Davangere**, on 22nd, May 2020.
3. Have participated in Awareness Quiz on “**Intellectual Property Rights (IPR) & Plagiarism**”, Organized by **Sangameshwar College, Solapur**, on 17th, May 2020.

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

NCC ‘B’ and ‘C’ Certificate Holder

16. ANY OTHER SIGNIFICANT INFORMATION:

1. Have successfully Completed Online Course Certificate of “**Creating an Underpass using OpenRoads Designer/EN**” by **Bentley Institute**, on 28th May, 2022.
2. Have successfully Completed Online Course Certificate of “**Mastering bitumen for better roads and innovative applications**” at **COURSERA**, on 26th Dec, 2021.
3. Have successfully Completed Online Course Certificate of “**AUTODESK Certified Professional: Civil 3D for Infrastructure Design Exam Prep**” at **COURSERA**, on 24th May, 2020.
4. Have successfully Completed a course on “**Programming in ‘C’ and Data Structures**” of duration **15th July, 2005 to 14th Sep, 2005**, From **NIIT**. (Yuva.com undertaken by **Karnataka State Government, Bangalore**).

Prof. S.M.CHANDRAKANTH