



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF CIVIL ENGINEERING
Organizes

icge
Institution of Civil Engineers

Workshop

On

Scope and Opportunities in Civil Engineering

By

Er. S. Hemanth Reddy

CEO, Madhusiri group of companies

&

Er. Kiran Kumar K L

Senior Design Engineer

Date: 09.10.2018

Time: 10.00 AM

Venue

Chanakya Seminar Hall

New Horizon College of Engineering

All are cordially invited



NEW HORIZON COLLEGE OF ENGINEERING

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Department of Civil Engineering

CIRCULAR

Date: 04.10.18

All the students of V semester is informed to attend the one day workshop on the topic titled "Scope and Opportunities in Civil Engineering" on 9th October 2018 from 10.00 A M.

The Venue is Chanakya Seminar Hall, New Horizon College of Engineering.

Dr. Niranjana P S
Professor and Head
Department of Civil Engineering
NHCE.

To
The Principal
New Horizon College of Engineering
Bangalore

Date: 24.09.2018

Through, Professor and Head, Department of Civil Engineering

Respected Sir,

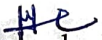
Subject: Permission to conduct one day workshop on Topic titled “Scope and opportunities in Civil Engineering”

The department of Civil Engineering is willing to organize a one day workshop on the above mentioned topic. The Resource person is Mr. S Hemanth Kumar, CEO, Madhusiri group of Companies. The workshop will be held on 9th October 2018 from 10.00 A M in Chanakya Seminar Hall.

Hence I request you to give permission for successful conduction of the event.

Thanking you,

With Regards,


Mr. Surendra B V
Associate Professor
Department of Civil Engineering
NHCE

Professor and Head
Department of Civil Engineering



NEW HORIZON COLLEGE OF ENGINEERING

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Department of Civil Engineering

Ref: NHCE/CV/2018-19/Workshop -2(Rep)

Date: 10/10/2018

REPORT

The workshop was held on 5th October, 2018 for 5th Semester Civil Engineering students. The Program began with an invocation song by group of students. The welcome address was given by **Mr. Surendra B V**, Associate Professor, Department of Civil Engineering.

Dr.P S Niranjana, Professor and Head spoke about the Scope and Opportunities of Civil Engineering in present day context.

The Resource persons of the work shop were introduced to the participants by **Dr. Jagadeesh C B**, Professor of Civil Engineering Department.

Mr. S. Hemanth Reddy and Kiran Kumar K L, the Resource persons, deliberated the sessions with power point presentation, case studies and brain storming sessions involving active participation of the students in many related hands on activities.

The Vote of thanks was delivered by **Dr. Vinay Kumar B M**, Associate Professor, Department of Civil Engineering.

The excerpt of presentation of Mr. S Hemanth Reddy is as follows:

Job Prospects

There is huge demand for civil engineers in India and it is also expected to get a boost as the country gets ready to upgrade its infrastructure with growing economic and political clout in the world. The career opens a lot of opportunities in numerous government departments. Civil engineers are employed in all major construction projects carried out by central and state government agencies.

There are equally good opportunities in the private sector for civil engineers. A major opening for qualified civil engineers is also in armed forces where they can make vital contribution to the protection of the country. Last but not the least you can set up your own engineering consultancy.

Demand and Supply

In the past few years, the demand for civil engineers has exceeded the supply. The growth in economy and exceeding demand for well qualified and experienced civil engineers has resulted in towering pay levels. Shortage of 7,000 civil engineers is witnessed by India every year. Therefore, no civil engineer can go without a job after his graduation. As a civil engineer, good job opportunities will await at your doorstep

Roles of Civil Engineer

Construction engineering: This branch involves construction of highways, railroads, airports, power plants, bridges, tunnels, skyscrapers and so on. As per their abilities and position, engineers generally take care of different aspects of construction as well as business management. They have to manage project planning, costing and budgeting, scheduling, quality assurance, quality control, on site layout survey, material testing, material procurement, etc.

Hydraulic engineering: Engineers in this field primarily make their contribution in setting up structures associated with different water bodies. They contribute in the development of hydroelectric plants, dams, irrigation and navigable canals, reservoirs, bridges, culverts, storm sewers, water pipelines, etc.

Coastal and ocean engineering: This branch of civil engineering involves monitoring coastal areas and taking adequate steps to protect them from sea storms, flooding and erosion. These professionals also have a hand in the development of various sea port facilities.

Transportation engineering: Engineers in this branch are concerned about the development of city roads, interstate highways, railroads, airfields, pavements, canals and urban mass rapid transport systems. They also play an active role in urban development and planning, traffic management and betterment of the transport system in the country.

Materials engineering: This branch of experts has to ensure the quality and durability of a vast variety of materials used in the development of different edifices. Material engineers

usually deal with materials such as cement, concrete, concrete additives, metals and alloys, polymers and paints.

Structural engineering: Structural engineers are responsible for analysing different types of stresses and strains that a structure has to endure during and after it has been built. The study generally involves the identification of different types of loads that would act upon a structure and plans for making the structure safer from these loads. Structural engineers are also concerned about the overall strength of a structure when it is built so that it can withstand the onslaught of natural elements as well as human intervention.

Earthquake engineering: Seismic activity is the biggest enemy of all types of manmade structures. Experts who research the impact of earthquake on different types of edifices and implement quake resistant measures are referred to as earthquake engineers.

Urban engineering: Engineers responsible for the design and development of urban public utilities are categorised as urban engineers. Public works include structures such as city roads, pavements, fresh water pipelines, waste water disposal systems, public parks and so on. These engineers play an important role in urban planning as they are primarily responsible for setting up the core infrastructural requirements of an urban area.

Environment engineering: Although a relatively new field, this branch of civil engineering is rapidly gaining importance with the growing emphasis on environment protection and sustainability. These engineers have to develop strategies for protecting the environment from air, water and land pollution. They have to manage issues such as solid waste management, water treatment, air and water pollution, safe disposal of hazardous materials. Another dimension of this profile is the construction of buildings that are environmental friendly, energy efficient and green.

The excerpt of presentation of Mr. Kiran Kumar L is as follows:

Introduction to Surveying

In conventional surveying, chain and tape are used for making linear measurements while compass and ordinary theodolites are used for making angular measurements. Leveling work is carried out using a Dumpy level and a leveling staff. With such surveying instruments, survey work will be slow and tedious.

Hence modern surveying instruments are becoming more popular and they are gradually replacing old surveying instruments such as compass and Dumpy level. With modern surveying instruments, survey work will be precise, faster and less tedious.

Infrared Wave Instruments

These instruments measure distances by using amplitude modulated infrared waves. At the end of the line, prisms mounted on target are used to reflect the waves. These instruments are light and economical and can be mounted on theodolites for angular measurements. The range of such an instrument will be 3 km and the accuracy achieved is ± 10 mm.

Light Wave Instruments

These are the instruments which measure distances based on propagation of modulated light waves. The accuracy of such an instrument varies from 0.5 to 5 mm / km distance and has a range of nearly 3 km.

Geodimeter is an instrument which works based on the propagation of modulated light waves, was developed by E. Bergstrand of the Swedish Geological Survey in collaboration with the manufacturer M/s AGA of Sweden. The instrument is more suitable for night time observations and requires a prism system at the end of the line for reflecting the waves.

Microwave Instruments

These instruments make use of high frequency radio waves. These instruments were invented as early as 1950 in South Africa by Dr. T.L. Wadley. The range of these instruments is up to 100 km and can be used both during day and night.

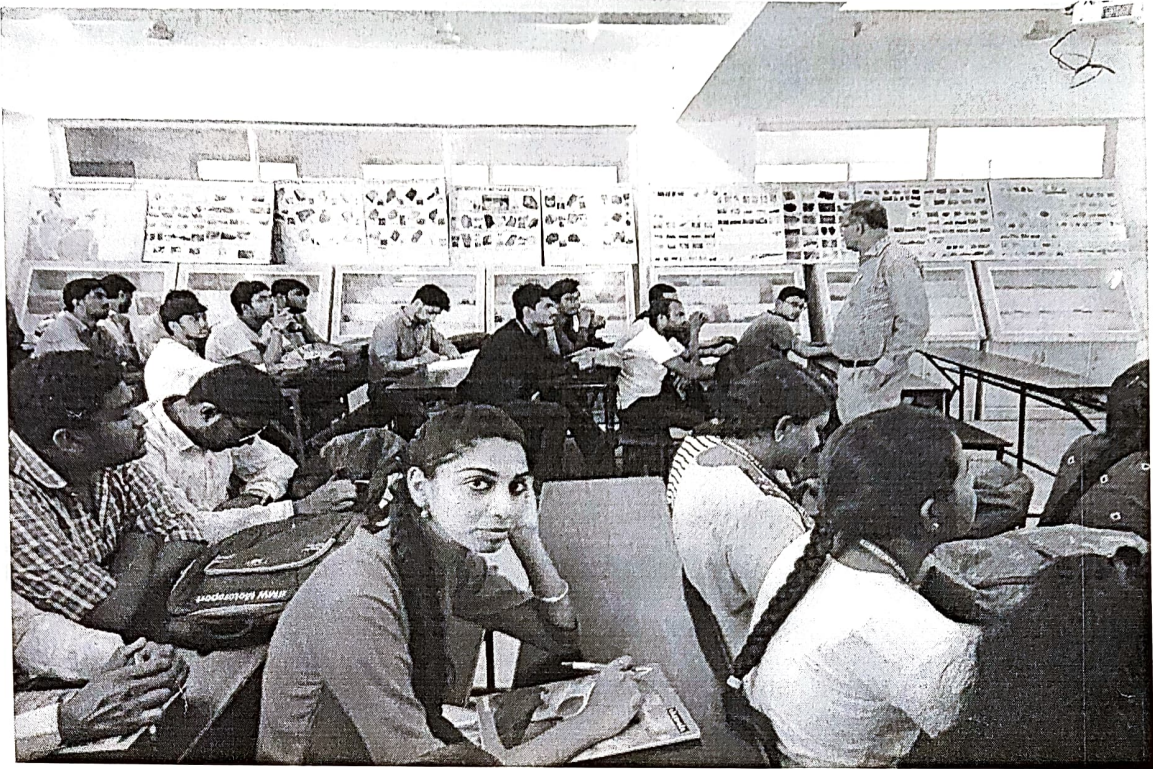
Total Station

Total Station is a lightweight, compact and fully integrated electronic instrument combining the capability of an EDM and an angular measuring instrument such as a theodolite.

Global Positioning System (GPS)

Global Positioning System (GPS) is developed by U.S. Defense department and is called Navigational System with Time and Ranging Global Positioning System (NAVSTAR GPS) or simply GPS.

EVENT PHOTO



Mr. S Hemanth Reddy addressing the students of 5th Semester

[Handwritten signature]

Ref: NHCE/CV/2018-19/Workshop -2(TL)

To

Date: 10/10/2018

Mr. S Hemanth Reddy
CEO,
Madhusiri group of Companies

Dear Sir,

Subject: Regarding workshop "Scope and Opportunities in Civil Engineering" dated
9.10.2018

We are extremely pleased to have you as a resource person for workshop titled "Scope and Opportunities in Civil Engineering" conducted on 9th October, 2018 for V semesters. The students as well as faculties have been immensely benefitted by your expertise on the topic. Your session was informative and interactive, and has created lot of interest amongst the students in the topics you covered.

Hoping for further participation from your end in workshops/seminars/symposium that would be arranged in our institution.

Thanking you,

Dr.P S Niranjana
Professor and Head
Department of Civil Engineering
NHCE, Bengaluru.

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
V SEM - A SEC ODD SEM 2018

	USN	STUDENT NAME	Signature
1	INH14CV091	RAHUL KUMAR CHAURASIA	<i>Rahul</i>
2	INH14CV100	SANDEEP R	<i>Sandeep</i>
3	INH15CV102	ROSHAN CHAUDHARY	
4	INH16CV001	AASHIK VARMA.S	<i>Aashik</i>
5	INH16CV002	ABHIJITH SANTOSH	<i>Abhi</i>
6	INH16CV003	ABHISHEK L	<i>Abhishek</i>
7	INH16CV004	ABHISHEK.M.R	<i>Abhishek</i>
8	INH16CV005	ABINAND R	<i>Abinand</i>
9	INH16CV006	ADARSH H R	<i>Adarsh</i>
10	INH16CV007	AHIAAN WANI	<i>Ahian</i>
11	INH16CV008	AISHWARYA MANOJ	<i>Aishwarya</i>
12	INH16CV009	ALISHA PRIYA R	<i>Alisha</i>
13	INH16CV010	AMAAN KHAN	<i>Amaan</i>
14	INH16CV012	AMIT KUMAR	<i>Amit</i>
15	INH16CV013	ANAND S KOTNOOR	<i>Anand</i>
16	INH16CV015	ANIKET GUPTA	<i>Aniket</i>
17	INH16CV018	ASIWA KATH	<i>Asiwa</i>
18	INH16CV019	BYASHAS GOWDA	<i>Byasha</i>
19	INH16CV020	BASAVARAJ D BIRADAR	<i>Basavaraj</i>
20	INH16CV021	VISHNU VARDHAN REDDY	<i>Vishnu</i>
21	INH16CV022	BUYAN S REDDY	<i>Buyan</i>
22	INH16CV023	SUMANTH. C	<i>Sumanth</i>
23	INH16CV024	PRASANNA KUMAR REDDY	<i>Prasanna</i>
24	INH16CV025	CHEZHAN KUMAR M	<i>Chezh</i>
26	INH16CV026	CHEZHAN.M.K	<i>Chezh</i>
27	INH16CV027	CHINMAY.M	<i>Chinmay</i>
28	INH16CV028	CHRISTO GEO JOSE	<i>Christo</i>
28	INH16CV029	D.G.CHEZHAN	<i>Christo</i>
29	INH16CV030	D.S.ASMITA	<i>Asmita</i>
30	INH16CV031	DARSHAN S M	
31	INH16CV032	DEEPAK	<i>Deepak</i>
32	INH16CV034	DEERAJ T	
33	INH16CV037	DIVYA SHIVASHANKARAPPA KAM	<i>Divya</i>
34	INH16CV038	GALLANTSON LOUREMBAM	<i>Gallantson</i>
35	INH16CV040	GOWTHAM.C.N	<i>Gowtham</i>
36	INH16CV041	H. M MD. ASGAR BAIG	<i>H.M</i>
37	INH16CV042	JAI.GANESH REDDY	<i>Jai</i>
38	INH16CV043	JATU ASIF	
39	INH16CV044	JAYANTH.D.V	<i>Jayanth</i>

SL	USN	STUDENT NAME	Signature
40	INH16CV045	JENNIFER ROSE BIJU	<i>Jennifer</i>
41	INH16CV047	JOSEPH JOSEPH	<i>Joseph</i>
42	INH16CV048	KASHINATH.B.J	<i>Kashinath</i>
43	INH16CV049	KEERTHAN R	<i>Keerth</i>
44	INH16CV050	KISHORE HOSAMANE	
45	INH16CV051	KON JARBIN	<i>Kon</i>
46	INH16CV052	KUMMARI VISWA TEJA	<i>Kumari</i>
47	INH16CV055	LAVANYA P	<i>Lavanya</i>
48	INH16CV058	JEEVAN M	<i>Jeevan</i>
49	INH16CV059	MAHENDRAN A M	<i>Mahendran</i>
50	INH16CV060	MAINAK DATTA GUPTA	<i>Mainak</i>
51	INH16CV061	MALLIKARJUN	
52	INH16CV062	MANIKYA H M	<i>Manikya</i>
53	INH16CV063	MANJUNATH .S.VISHWAKARMA	<i>Manjunath</i>
54	INH16CV064	MANJUNATHA B G	
55	INH16CV065	MANOJ C	<i>Manoj</i>
56	INH16CV066	MARCIA KHING	<i>Marcia</i>
57	INH16CV067	MOHAMMAD K P	<i>Mohammad</i>
58	INH16CV068	MOHAMMED NOAMAN BAIG	
59	INH16CV070	MOHAN KUMAR HOSAMANE	<i>Mohan</i>
60	INH16CV071	NAVITH KUMAR.T.S	
61	INH16CV073	O.K CHAND	<i>O.K</i>
62	INH16CV138	PAWAN KUMAR GUPTA	<i>Pawan</i>
63	INH16CV139	VINAY KUMAR GUPTA	
64	INH16CV140	DEEKSHITH V	<i>Deekshith</i>
65	INH16CV141	KONDETI PAVAN KUMAR	
66	INH16CV142	SUDHARSHUN MADHAVAN	<i>Sudharshun</i>
67	INH16CV143	PRERANA SHASHI KUMAR	
68	INH15CV091	HEMANTH KUMAR	<i>Hemant</i>
69	INH14CV064	MD FAUZANULLAH	
70	INH15CV050	K VIGNESHWAR	<i>Vigneshwar</i>
71	INH14CV150	SUSHANT BIKRAM SINGH	<i>Sushant</i>

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
V SEM - B SEC ODD SEM 2018

SL	USN	STUDENT NAME	Signature
1	INH15CV402	ANJANEYA P	<i>[Signature]</i>
2	INH16CV075	POOJA.C.D	<i>[Signature]</i>
3	INH16CV076	POORVIKA S	<i>[Signature]</i>
4	INH16CV078	PRADEEP REDDY T S	<i>[Signature]</i>
5	INH16CV079	PRAMOD KUMAR	<i>[Signature]</i>
6	INH16CV080	PRAMOD SENCHA N	<i>[Signature]</i>
7	INH16CV081	PRAMOD.S	<i>[Signature]</i>
8	INH16CV082	PRAPHULLA.K.G	<i>[Signature]</i>
9	INH16CV083	PRATHAM CHANDRAKANT NAIK	<i>[Signature]</i>
10	INH16CV084	PRATHIK POJARI	<i>[Signature]</i>
11	INH16CV085	PRIYA RANJAN	<i>[Signature]</i>
12	INH16CV088	RAJATH K R	<i>[Signature]</i>
13	INH16CV089	RAKSHITH UDAYA KUMAR	<i>[Signature]</i>
14	INH16CV092	KRANTHI KUMAR	<i>[Signature]</i>
15	INH16CV093	SANCHITA PAUL	<i>[Signature]</i>
16	INH16CV094	SANDEEP	
17	INH16CV096	SANJAY H R	
18	INH16CV097	SHIVKUMAR.S.NAWBADE	<i>[Signature]</i>
19	INH16CV098	SHREYAS. S	<i>[Signature]</i>
20	INH16CV099	SHREYAS.H.B	<i>[Signature]</i>
21	INH16CV100	SHRUTHI N	<i>[Signature]</i>
22	INH16CV103	SIDDARTH MARAR	<i>[Signature]</i>
23	INH16CV105	SOURAV SUKLABAIDY	
24	INH16CV106	SUHAIL A	
25	INH16CV107	SUMITRA BISHNOI	<i>[Signature]</i>
26	INH16CV108	SUSHRUTH	<i>[Signature]</i>
27	INH16CV109	SYED HASSAN RIZA	<i>[Signature]</i>
28	INH16CV110	TAKIO YARI TARH	<i>[Signature]</i>
29	INH16CV111	TEJAS.R.G	<i>[Signature]</i>
30	INH16CV112	THANSEBH AYUB P K	<i>[Signature]</i>
31	INH16CV113	UPENDRA M	<i>[Signature]</i>
32	INH16CV115	VACHANRAJ	
33	INH16CV116	VAKADA SASI KANTH	<i>[Signature]</i>
34	INH16CV118	VARUN KUMAR REDDY	
35	INH16CV119	VARUN PATIL	<i>[Signature]</i>
36	INH16CV120	VEERESH R B	
37	INH16CV121	YADUL N	<i>[Signature]</i>
38	INH16CV122	YESHWANTH K	<i>[Signature]</i>
39	INH16CV123	YOGESJ	<i>[Signature]</i>

SL	USN	STUDENT NAME	Signature
40	INH16CV125	AMAN GAUTAM	<i>[Signature]</i>
41	INH16CV126	ANSONY KUMAR YADAV	<i>[Signature]</i>
42	INH16CV127	BISHAL BISWAS	<i>[Signature]</i>
43	INH16CV128	GOPAL PRASAD YADAV	<i>[Signature]</i>
44	INH16CV129	PRADHUMNA ADHIKARI	<i>[Signature]</i>
45	INH16CV131	RAJESH KUMAR SHAH	<i>[Signature]</i>
46	INH16CV132	RAJU PRASAD SAH	<i>[Signature]</i>
47	INH16CV133	ROSHAN KUMAR SAH	<i>[Signature]</i>
48	INH16CV134	SAILESH PANDEYA	<i>[Signature]</i>
49	INH16CV136	YOUNESH MAHASETH	<i>[Signature]</i>
50	INH16CV137	BISHAL KUMAR GUPTA	<i>[Signature]</i>
51	INH17CV400	AKHILA J	
52	INH17CV401	BORSE HARSHAL BHARAT	<i>[Signature]</i>
53	INH17CV402	CHANDRASHEKAR	
54	INH17CV403	DHANESHA V	<i>[Signature]</i>
55	INH17CV404	HARSHITH REDDY	<i>[Signature]</i>
56	INH17CV405	KOUSALYA P	<i>[Signature]</i>
57	INH17CV406	LIKITH KUMAR M	<i>[Signature]</i>
58	INH17CV407	MAHADEVAPPA ATTALATTI	<i>[Signature]</i>
59	INH17CV408	NANDA KISHORE R	<i>[Signature]</i>
60	INH17CV409	NIGHAT MUSHTAQ	<i>[Signature]</i>
61	INH17CV410	NITHIN M	
62	INH17CV411	OWAIS NAZIR	<i>[Signature]</i>
63	INH17CV413	PRIYA DARSHINI B	
64	INH17CV414	RAVI KUMAR PATEL	<i>[Signature]</i>
65	INH17CV415	RENUKPRASAD	
66	INH17CV416	SATISH	<i>[Signature]</i>
67	INH17CV417	SATHISHA KUMAR.K.N	
68	INH17CV418	SHASHIKUMAR	
69	INH17CV419	SIDDALING REDDY	<i>[Signature]</i>
70	INH17CV420	SUNIL KUMAR	
71	INH17CV421	SYED JEELANI	<i>[Signature]</i>
72	INH17CV422	UMESHA J	
73	INH17CV423	VIRENDRA PATIL.G.J	<i>[Signature]</i>
74	INH17CV424	B YUVASHREE	<i>[Signature]</i>

Date: 09.10.2018

The Principal,
NHCE,
Bangalore.

Dear Sir,

Sub: Request for honorarium for Resource Person -reg

With reference to the above subject, I would like to inform you that, department has successfully conducted a workshop on 09.10.2018 for V SEM students.

Name :	Mr. S Hemanth Reddy & Mr. Kiran Kumar K L
Topic :	✓ <u>Scope & Opportunities in Civil Engineering</u> ✓ 1) ✓ Advanced Surveying Technologies using Total Station, DGPS & Lidar 2) • Application of ETabs & STAAD Pro in Civil Engineering

The details for the same are enclosed.

For the same, I am hereby requesting to make the payment of Rs.1,500/- each i.e., sum of Rs.3000/- (Three Thousand only) towards honorarium.

This is for your kind information and approval.

With Regards,


HOD-CIVIL

Principal

Encl: CV and bank details

S.NO	DETAILS REQUIRED	
1	Name of the Resource person	KIRANKUMAR. K-L
2	Years of Experience	7 years
3	Currently working in	checon
4	Designation	Sr. Design Engineer
5	Number of Lecture Hours	2 Hours 1 hr.
6	Date of Lecture	9/10/2018
7	PAN Number	BMYPK7011L
8	Aadhar Number	6455/0605/8056
9	Date of Birth	24/04/1988
10	Educational Qualification	M.E (STRUCTURES)
11	Bank Name	CANARA BANK
12	Account Number	1370118000301
13	IFSC Code & Branch	CNRB0001370

Canara Bank
Vasanth Nagar
Bengaluru

KIRANKUMAR K L

Mobile: +91 8660369512

E-Mail: kirankumar.kolahal@gmail.com

LinkedIn: <https://in.linkedin.com/in/kirankumar-k-l-74b04018>

Blog: www.kiranklk.blogspot.in



Professional Objective

Seeking a creative, challenging and growth-oriented career with a progressive employer, where I can enhance my skills and personality and to excel in it by implementing my knowledge, experience, sincerity, hard work and determination to achieve company's objectives and goals in compliance with the organization's values.

Professional Experience

Summary

I have six plus years of experience in analysis, design and detailing of RCC and steel structures. I have worked on various residential, commercial structures varying from 2 to 30 floors located in various seismic zones. Static and dynamic analysis as per codal provisions. I have fundamental knowledge of Pushover analysis and Time history analysis. Also, co-guided for many thesis/dissertations work for masters and research scholar students from different institutions.

Organization: Chetana Engg. Services Pvt. Ltd.

Designation: Sr. Design Engineer

Duration: 01st February 2011 - Present

Location: Bengaluru.

Organization: Ace Group Architects Pvt. Ltd.

Designation: Structural Draftsman

Duration: 01st September 2009 - 31st January 2011

Location: Bengaluru.

WORK RESPONSIBILITIES

- Reading Architectural drawings and preparing shuttering layout satisfying the architectural requirements.
- Coordinating with architects and other service consultants like electric, plumbing and landscape consultants to consider their requirements in the structural drawings.
- Preparing the analysis and design models as per structural drawings, confirming the structural stability at the same time.
- Preparation of Excel spread sheets for design calculation & documentation.
- Getting approval of structural systems from other consultants.
- Providing design input to draftsman and co-ordinate with draftsman for preparation of drawings.

PROJECTS HANDLED

Alexandriya Tech Park (Ongoing): One Basements+G+14 storey with MLCP B+G+7 storey commercial buildings located in Bengaluru (EQ Zone-II), Karnataka. Analyzed and designed using STAAD.Pro v8i (SS4), ETABS V16 and SAFE V16 software's. Provided with PT flat slab system and raft foundation.

Indus Tech Park (Ongoing): Three Basements+G+14 storey commercial building located in Bengaluru (EQ Zone-II), Karnataka. Analyzed and designed using STAAD.Pro v8i (SS4), ETABS V16 and SAFE V16 software's. Provided with PT flat slab system and raft foundation.

BSCPCL Canberra (Ongoing): Three Basements+G+14 storey commercial building consisting of 2 blocks, located in Hyderabad (EQ Zone-II). STAAD.Pro v8i (SS4), ETABS V16 and SAFE V16 software's. Provided with flat slab system and raft foundation.

Vellore Institute of Technology Boys Hostel Block (Completed): Ground+17 storey with helipad hostel building consisting one block, located in Vellore (EQ Zone-III), Tamil Nadu. Analyzed and designed using STAAD.Pro v8i (SS5), ETABS V15 and SAFE V14 software's. Provided with beam slab system and raft foundation.

NCC Ivory Heights (Completed): One Basement+STILT+18 storey residential building consisting of 2 Blocks, located in mahadevapura, near K.R puram, Bengaluru (EQ Zone-II). Analyzed and designed using STAAD.Pro V8i (SS3), ETABS V9.7.4 and SAFE V12 software's. Provided with beam slab system and raft foundation.

Prestige Parkview (Completed): Two Basements+G+21 storey residential building consisting of 2 Blocks, located in whitefield, kadugodi Industrial area, Bengaluru (EQ Zone-II). Analyzed and designed using STAAD.Pro v8i (SS1), ETABS V9.7.4 and SAFE V12 software's. Provided with beam slab system and raft foundation.

Divyashree Trinity Phase-4 (Completed): One Basement+G+11 storey commercial building consisting of 2 blocks, located in Hyderabad (EQ Zone-II). STAAD.Pro v8i (SS2), ETABS V9.7.4 and SAFE V12 software's. Provided with flat slab system and isolated/combined foundation.

Adarsha Palm Retreat (Completed): One Basement+G+14 storey residential building consisting of 10 blocks, located in Bengaluru (EQ Zone-II). Analyzed and designed using Planwin, Framewin, STAAD.Pro v8i, ETABS V9.7.4 and SAFE V12 software's. Provided with beam slab system and raft foundation.

Vyasa International School (Completed): A G+2 storey school building, located at Bengaluru. Analyzed using STAAD.Pro V8i. software and designed using spread sheets for design. Provided with beam slab system with steel truss at roof and isolated/combined foundation.

Delhi Public School (Completed): A G+2 storey school building, located at Bengaluru. Analyzed using STAAD.Pro V8i. software and designed using spread sheets for design. Provided with beam slab system with steel truss at roof and isolated/combined foundation.

Technical Credentials

- ❖ Proficient knowledge in Indian Codes.
- ❖ Basic Knowledge in Eurocodes (EC2 & EC8), British(BS:8110) & American Codes (ACI:318, ATC-40, FEMA & ASCE41-13).
- ❖ Well versed with software's AutoCAD 2018, STAAD.Pro V8i (SS6), ETABS V16.2, SAP2000 V19.0, SAFE V16.0.1, PLANWIN, FRAMEWIN and RCDL V6.3. Prokon 3.0.
- ❖ Possess proficient knowledge in MS office 2016 and basics of Computer Applications.
- ❖ Possess good communication and presentation skills.

Academia

2016	M.E (Structural Engineering) from UVCE (Affiliated to B.U), Bengaluru. (Agg.81%)
2009	B.E (Civil) from S.T.J.I.T, Ranebennur, Haveri Dist. (Affiliated to V.T.U), Belgaum. (Agg-66%)
2006	Diploma (Civil) from D.R.R (Govt.) Polytechnic, Davanagere (Affiliated to DTE) (Agg-70%)

Strengths

- Much interested in non-linear methods of analysis.
- Learnt from Past Experience - Planning and organizing the work, multitasking and time management, hardworking, proactive, taking initiative, flexible to work, and lively.
- Updating knowledge and skills through continuous learning.
- A team player with effective communication, presentation, research and self-learning skills.
- Good negotiation and diplomatic skills, comprehensive problem solving, social and interpersonal skills.
- Can work anywhere as an Individual and in Group.

Academic Projects Undertaken

- ❖ Extensive Surveying.
- ❖ Analysis & design of earthquake resistant design of RC framed structure.
- ❖ Strength, Shrinkage and Permeability of SCC using Manufactured Sand.

Career Scan

TECHNICAL PAPER:

Co-authored a technical paper on "Comparison of Force and Performance based approaches for earthquake resistant design of typical RC frame" in "International Conference on advances in Civil Engineering and Chemistry of Innovative Materials"- ACECIM'14, SRM University, Chennai.

Personal Details

Date of Birth : 24th April 1988.
Language Proficiency : Kannada, English and Hindi.
Father's Name : Lokeshappa K
Mother's Name : Gouramma
Postal Address : "Kalleshwara Nilaya"
New S.J.M Layout
Backside of K.S.R.T.C bus stand
Bharamasagara - 577519
Chitradurga District

Declaration

Hereby I declare that, the information given above is true to the best of my knowledge.

Place: Bengaluru
Date: 21.03.2018

K L Kir

(Kirankumar K L)

DETAILS REQUIRED	
S.NO	
1	Name of the Resource person S. Hemantha Reddy
2	Years of Experience 28 Years
3	Currently working in own consultancy A skill trainer
4	Designation Chief Executive
5	Number of Lecture Hours One hour
6	Date of Lecture 09/10/2018
7	PAN Number ADMPR9050N
8	Aadhar Number 403443582087
9	Date of Birth 01-06-1968
10	Educational Qualification M.Tech
11	Bank Name State Bank of India
12	Account Number 30594214581
13	IFSC Code & Branch SBIN9050



BRIEF BIO-DATA OF CEO

Name: S Hemanth Reddy
Date of Birth: 01—06-1968 **Native Place:** Ballari Karnataka. **Mother Tongue:** kannada
Qualification: B.E Civil, 1986-90, Siddaganga Institute of Technology, Tumkur, Karnataka
M.Tech (GIS & Remote Sensing) 2014-16 Adhiyamaan College, Hosur.
Present profession: CEO of *Madhusiri Group of companies*, i.e *Sir MV Institute of Engineering skills*, a industry oriented skill development training and placement company and *Madhusiri Engineers & properties* a civil Engg Consultancy company. **Corporate Trainer** for many companies in India on Advanced Surveying using Total Station, DGPS, LiDAR, Drone etc. One among these companies is L&T. **Guest Faculty** for many colleges across country on Surveying.

Experience: 28 years in Civil Engineering industry especially in Surveying and infrastructure consultancy. Covered almost 60% of India. Worked for reputed Companies like, ESSAR, Secon Ltd, KMC, NIDC, NICE (BMICP), ESPAC, Nagarjuna, etc reputed companies all over India from 1990 to 2001. In 2002 started own survey consultancy firm and carried out Topographical survey and DPR of many National Highway, irrigation, Tunnel, Metro, Apartments, layouts etc. Few among them are

- Hospet-Hungund (NH-13), Hyderabad- Vijayawada (NH-9), Chitradurga-Haveri (NH-4) NH-26 In Sagar Dist Madhya Pradesh etc National Highway Projects,
- Bangalore Mysore Infrastructure Corridor project (BMICP),
- Around 2000km of State Highway, PMGSY, and Rural road projects,
- Around one lakh Hectare survey and DPR consultancy of Irrigation projects
- More than 3000 property Topographical Surveys and column marking in Bangalore, Delhi, Madras, Bhopal, Hyderabad, Kolkata, Bhuvaneshwar etc across India.

Conducted "Advanced Surveying Technologies" training programs at around 67 colleges 15 Corporate companies in Karnataka, Tamilnadu, A.P Telangana etc. Few of them them area.

- RV College of Engineering Bengaluru, Siddaganga Institute of Technology, Tumkur.
- Malnad College of Engineering, Hassan. BGS Institute of technology Bellur cross, Nagamangala, Mandya Dist.
- SJC Institute of Technology Chikballapur. PES College of Engg Mandya.
- Rao Bahadur Y Mahabaleswarappa Engineering College, Bellary.
- Nandha College of Engineering Erode T.N, Adhiyamaan College Hosur, T.N
- BITS Kurnool, A.P, Gates College of Engineering, A.P, G Pullaiah Engg College, A.P
- SJ BGS Polytechnic Bellur cross., Maratha Mandal Polytechnic Belgaum.
- Sanjay Gandhi Polytechnic Bellary. Govt Polytechnic, Bellary
- Extensive survey project for 5th Sem Students of 10 Engg colleges.

PLACEMENTS: SMV Skills has tied up with more than 40 Civil Engg consultancy, contracting Structural and Surveying & GIS Companies to provide Job opportunities. Provided jobs for nearly 300 trained students in different networked companies in Buildings, Roads, Survey CAD etc fields.

Want to be industry mentor for students & Freshers: Many students are facing lot of problems after coming out of the college in getting jobs. They lack info about skills industry requires to get a job.

WE HELP STUDENTS IN ACQUIRING INDUSTRY ORIENTED SKILLS DURING THE COLLEGE DAYS ITSELF FOR BETTER JOBS IMMEDIATELY AFTER GRADUATION.

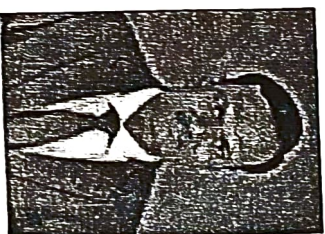
PROFILE OF CHIEF EXECUTIVE

S Hemanth Reddy

Name: S Hemanth Reddy
Date of Birth: 01—06-1968, Ballari, Karnataka.

Qualification: B.E Civil, Siddaganga Institute of Technology, Tumkur,
Karnataka

Profession: M.Tech (GIS & Remote Sensing), Anna University, T.N
Chief Executive, Sir M V Institute of Engineering
Skills, Bangalore.
Partner Madhusiri Engineers & Properties-Consultancy group



EXPERIENCE

Er.S Hemanth Reddy has 28 years experience in Civil Engineering industry especially. Worked for reputed Companies like, NICE Ltd, Bangalore, ESSAR Projects Ltd, Mumbai, SECON Ltd, Bangalore, Odisha, Pune, Ahmadabad (Gujarat), Krishmohan Constructions Pvt Ltd, Udaipur(Rajasthan) Nagarjuna Constructions Company Pvt Ltd, (Hyderabad & Bangalore) National Industrial Development Corporation, New Delhi, etc many other companies and projects pan India.

In 2002 started own consultancy firm and carried out the survey of many projects across India. Few of them are

ROAD PROJECTS

- CHITRADURGA-HAVERI Western Transport corridor (NH-4) project in Karnataka.
- BANGALORE MYSORE Infrastructure Corridor Project (BMICP), Expressway project for Nandi Infrastructure Corridor Enterprises Ltd(NICE), Bangalore,
- HOSPET-HUNGUND(NH-13) toll road in Karnataka,
- HARIHAR-SHIMOGA proposed NH widening project-Karnataka.
- Topographical survey of GADAG-BADAMI project for R N Nayak & Sons, Hubli.Karnataka
- Carried out around 3000km of State Highway, PMGSY, and Rural road projects in Karnataka,A.P and Telangana.
- HYDERABAD-VIJAYA WADA(NH-9) toll road for GMR Infrastructure Ltd,Telangana
- TRICHY-DINDIGUL/TRICHY-KARUR/TNDIVANAM-ULUNDURPET National Highway Projects in Tamilnadu for Reliance and GMR projects.
- Four laning of NH-26 Project for Transtroy India Pvt.Ltd in SAGAR Dist, Madhya Pradesh.
- Four laning project of SAMBALPUR-ROURKELA in Odisha
- CHITTORGARH-MAOLI-UDAPIUR Widening Project in Rajasthan

SOLAR POWER PROJECTS/ TOPOGRAPHICAL SURVEYS

- Topographical survey of (2000MW) 12000 acre solar project at Pavagada TUMKUR Karnataka .This is the world's largest solar project as on 2017.
- Topographical survey of (500MW) 6000 acre solar power project at CHARANKA Village, Santalpur Tehsil, Patan Dist Gujarat.
- Topographical survey of (500MW) 3000 acre solar power project at GURH Tehsil, REWA Dist Madhya Pradesh.

- Around 15 Solar projects of 50 to 100 MW at Karimnagar, Manthani, Kamareddy, Siricilla, Nirmal, Bhongir, in **Telangana** and Galiveedu in **A.P.**, Bhalki, Chitaguppa, Kalaburagi, Manvi in **Karnataka**.
- Around 25000 acre Prawn culture project at Basudevapur, **Bhadrak Dist Odisha**.
- Around 4000 Acres of proposed multipurpose project at Khargar Hills in **MUMBAI**.
- More than 4000 small projects done for Individual houses/ Apartments/schools/ Commercial complexes etc for Builders, Developers, Architects, and Contractors etc across pan India.

BRIDGES & IRRIGATION PROJECTS

- Topographical survey of around 250 Bridges in Karnataka for re construction purpose for NCC Ltd, **Bangalore**. And IIIE Ltd **Bangalore**
- Around one lakh acres of Irrigation project under Sardar Sarovar Narmada Nigam Ltd, at **AHMEDABAD, BARODA Gujarat**.
- Around 50,000 acre irrigation project under Galeru Nagari Srujala Sravanti (GNSS) project in **YSR Kadapa District A.P**
- Around 50,000 acres Lift irrigation Project in **ACHAMPET Taluk of Mahabubnagar Dist. TELANGANA**.
- NH-7 Road bridges from Jedcherla to Kamareddy for GMR Infrastructures in **TELANGANA**.

In the year 2012 founded **SIR MV INSTITUTE OF ENGINEERING SKILLS** a partnership company with the aim to **BRIDGE THE GAP BETWEEN INDUSTRY AND INSTITUTION** by updating the industry oriented skills at colleges to make the students employable immediately after coming out of the colleges.

SIR MV INSTITUTE OF ENGINEERING SKILLS HAS CONDUCTED FOLLOWING PROGRAMS FOR B.E/DIPLOMA/PRACTICING CIVIL ENGINEERS AT DIFFERENT COLLEGES/CORPORATE COMPANIES IN KARNATAKA, .A.P, TELANGANA & TAMILNADU SINCE 2012.

- **WORKSHOPS CONDUCTED AT CAMPUSES ON "ADVANCED SURVEYING TECHNOLOGIES USING TOTAL STATION, DGPS, LiDAR"**.
- **LiDAR and DGPS PRACTICAL DEMO WORKSHOPS AT COLLEGES AND CORPORATE COMPANIES.**
- **INTERNSHIP PROGRAMS FOR PRE FINAL AND FINAL YEAR STUDENTS.**
- **PLACEMENT DRIVES/FINISHING SCHOOL PROGRAMS FOR GRADUATES**
- **CORPORATE TRAINING PROGRAMS ON "ADVANCED SURVEYING TECHNOLOGIES USING LiDAR, DGPS & TOTAL STATION**
- **EXTENSIVE SURVEY PROJECTS CONDUCTED USING TOTAL STATION FOR 6TH SEMESTER B.E STUDENTS OF VTU KARNATAKA**

WORKSHOPS/TRAINING PROGRAMS CONDUCTED AT CAMPUSES ON

"ADVANCED SURVEYING TECHNOLOGIES USING TOTAL STATION, DGPS, LiDAR" AT DIFFERENT COLLEGES IN KARNATAKA, A.P, TELANGANA & TAMILNADU.

- 1 Siddaganga Institute of Technology, TUMKUR.-25th Dec 2012
- 2 Dayanand Sagar College of Engineering, BENGALURU-31st Dec 2012

- 3 Dayanand Sagar Polytechnic, BENGALURU-31st Dec 2012
- 4 Siddaganga Institute of Technology, TUMKUR.-3rd Jan 2013
- 5 New Horizon College of Engineering, BENGALURU-25th Jan 2013
- 6 Govt. Engineering College -RAMANAGARA-16th Jan 2013
- 7 BGS Institute of Technology, B G Nagara, MANDYA.-13th to 20th Mar 2013
- 8 BGS Polytechnic B G Nagara, MANDYA Dist.-20th to 23rd Mar 2013
- 9 Maratha Mandal Polytechnic, BELAGAVI-28th Aug 2013
- 10 RYM Engineering College BALLARI.-16th Sep 2013
- 11 Sanjay Gandhi Polytechnic, BALLARI-22nd Sep 2013
- 12 Govt. Polytechnic, BALLARI.-23rd Sep 2013
- 13 PES College of Engineering, MANDYA.-8th Aug 2013
- 14 Mahad College of Engineering, HASSAN.-16th to 21st Dec 2013
- 15 Moodalakatte Institute of Technology, KUNDAPPURA.-3rd & 4th Feb-2014
- 16 Sir M V Institute of Technology, BENGALURU.-20th Feb 2014
- 17 GSS Institute of Technology, BENGALURU.-24th Apr 2014
- 18 JSS Academy of Technology & Engineering, BENGALURU.-29th Apr 2014
- 19 KNS Institute of Technology, Yelahanka BENGALURU.-6th May 2014
- 20 Rajareddy Institute of Technology, BENGALURU.-7th May 2014
- 21 Ghousia College of Engineering, RAMANAGARA-7th May 2014
- 22 Bheemanna Khandre Institute of Technology, BHALKI, BIDAR Dist.-8th May 2014
- 23 Saividya Institute Of Technology, YELAHANKA, BENGALURU.-9th May 2014
- 24 Shridevi Institute of Engineering & Technology, TUMKUR.-4th Jul 2014
- 25 Nandha College of Engineering, ERODE, TAMILNADU.-5th Aug 2014
- 26 Kongu College of Engineering ERODE, TAMILNADU.-5th Aug 2014
- 27 Adhiyamaan College of Engineering, HOSUR, TAMILNADU.7th to 9th Aug 2014
- 28 PVP Polytechnic, BENGALURU.-13th Aug 2014
- 29 SJC Institute of Technology, CHIKKABALLAPUR.-16th to 23rd Sep 2014
- 30 Aryabharathi Polytechnic TUMKUR - 19th Aug 2014
- 31 CMR Institute of Technology, BENGALURU.-2th Aug 2014
- 32 T John Institute of Technology, BENGALURU-26th Aug 2014
- 33 Govt. Polytechnic-CHANNAPATNA, RAMANAGARA Dist.-27th Aug 2014
- 34 Govt. Polytechnic-RAMANAGARA-27th Aug 2014
- 35 Nitte M Institute of Technology, YELAHANKA, BENAGALURU.-28th Aug 2014
- 36 PES College of Engineering, MANDYA.-6th to 9th Oct 2014
- 37 Govt. Polytechnic BANTWAL, DAKSHINA KANNADA.-29th & 30th Aug 2014
- 38 Aditya Institute of Technology & Management, TEKKALI, SRIKAKULAM,A.P
8th to 13th Sep 2014
- 39 RV College of Engineering BENGALURU.-26th Sep 2014
- 40 PA Institute of Technology, MANGALORE.-27th & 28th Sep 2014
- 41 DRR Polytechnic-DAVANAGERE-11th & 12th Oct 2014
- 42 CMR Institute of Technology, BENGALURU.-8th & 9th Nov 2014
- 43 Samskruti Institute of Technology, HYDERABAD, TELANGANA-12th Feb 2015
- 44 New Horizon College of Engineering, BENGALURU-13th Feb 2015
- 45 Brindavan Institute of Technology, KURNOOL.A.P-19th Feb 2015
- 46 G Pullaiah College of Engineering & Technology, KURNOOL, A.P-21st Feb 2015
- 47 M S Ramaiah Polytechnic-BENGALURU-25th & 26th Feb 2015
- 48 STJ Institute of Technology, RANEBENNUR-27th Feb 2015
- 49 AGMR Institute of Engineering and Technology, VARUR, HUBBALLI.-28th
Feb 2015
- 50 Gnanavikas Polytechnic CHITRADURGA-13th & 14th Mar 2015
- 51 STJ Institute of Technology, RANEBENNUR-16th to 20th Mar 2015

NEW HORIZON COLLEGE OF ENGINEERING
Department of Civil Engineering

FEEDBACK FORM

USN. NR16CV023 Name of the Student: Sumanth. C

Topic: "Scope and Opportunities in Civil Engineering" in association with ICE

Name of the speaker: Er. S. Hemanth Reddy & Er. Kiran Kumar K L

*If you have attended the workshop we would like to make sure that the sessions were relevant and useful.
 Give your appropriate feedback to make the future lectures more beneficial for you.*

Please '(Tick ✓)' the opinion you find most suitable.

Sl No:	Particular	Extremely good	Good	Quite Good	Poor
1	How was the overall organization of the event ?	✓			
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and Venue?		✓		
4	How much interesting this session was for you?	✓			
5	How was the presentation about the topic before the session?		✓		
6	Did the session cover what you were expecting?		✓		
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view?		✓		
9	Overall effectiveness of the program		✓		

Additional comments and suggestions for future:

Date: 09.10.2018

NEW HORIZON COLLEGE OF ENGINEERING
Department of Civil Engineering

FEEDBACK FORM

USN. 19A16CV140 Name of the Student: Deekshith V

Topic: "Scope and Opportunities in Civil Engineering" in association with ICE

Name of the speaker: Er. S. Hemanth Reddy & Er. Kiran Kumar K L

If you have attended the workshop we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you

Please '(Tick ✓)' the opinion you find most suitable.

Sl No:	Particular	Extremely good	Good	Quite Good	Poor
1	How was the overall organization of the event ?	✓			
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and Venue?	✓			
4	How much interesting this session was for you?				
5	How was the presentation about the topic before the session?		✓		
6	Did the session cover what you were expecting?	✓			
7	What is your opinion about the speaker?				
8	How much this session was useful from the knowledge and information point of view?		✓		
9	Overall effectiveness of the program	✓			

Additional comments and suggestions for future:

Date: 09.10.2018