

18-19-8



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

In association with

Indian Concrete Institute (ICI)

Organizes

Expert Lecture

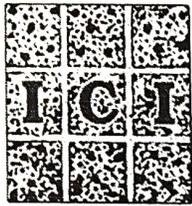
On

Design of Masonry Structures

By

Dr. K S Jagadish

IISc, Bangalore



**BENGALURU
CHAPTER**

Date: 23.10.2018

Time: 10.00 AM

Venue

Room No: C221

Department of Civil Engineering

All are cordially invited



NEW HORIZON COLLEGE OF ENGINEERING

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Department of Civil Engineering

CIRCULAR

Date: 20.10.18

All the students of VII semester is informed to attend the expert lecture on the topic titled "Design of Masonry Structures" on 23th October 2018 from 10.00 A M.

The lecture venue is Room No: C-222, Department of Civil Engineering.

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

To
The Principal
New Horizon College of Engineering
Bangalore

Date: 15.10.2018

Through, Professor and Head, Department of Civil Engineering

Respected Sir,

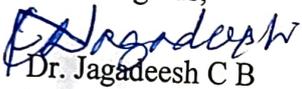
Subject: Permission to Conduct Expert Lecture on Topic titled "Design of Masonry Structures".

The department of Civil Engineering is willing to organize an expert lecture on the above mentioned topic. The Resource person is Dr. K S Jagadeesh, Professor, Indian Institute of Science. The expert lecture will be held on 23rd October 2018 from 10.00 A M in the department of Civil Engineering.

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

Thanking you,

With Regards,



Dr. Jagadeesh C B

Professor

Department of Civil Engineering

NHCE



Professor and Head

Department of Civil Engineering

NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture Report

Topic : Design of Reinforced Brick Masonry

**Speaker :Dr. K. S. Jagadish, Retired Professor, IISc,
Bangalore**

Faculty Co-ordinator: Dr. Jagadeesh C. B.&Sudhakhar

Date & Time: 23.10.2018 at 11.00 AM

Venue : Class Room

The department of Civil Engineering, organized a two hour educational guest lecture on "Design of Reinforced Brick Masonry" on 23rd October 2018 for B. E. 7th sem. Civil Engineering students. Lecture was organized as per College guidelines and recommendations regarding syllabus of B. E. Civil Engineering.

The guest lecture began with welcome address by the Head of the Department, Civil, Dr. P. S. Niranjana. He has introduced and welcomed Dr. K. S. Jagadish, retired IISc Professor, and resource person to deliver the lecture.

Guest Profile:

About the speaker **K.S. Jagadish**: -**K.S. Jagadish** obtained his Ph.D. in Structural Engineering in 1969 from Indian Institute of Science (IISc). He joined the faculty of Civil Engineering in 1967 in the Institute and also spent a year as Post-Doctoral Fellow at Karlsruhe University in Germany. He eventually became Professor of Civil Engineering in Indian Institute of Science in 1984. He concurrently took up the Chairmanship of the Centre of ASTRA from 1983 to 1989. After retirement in 2002 he was Emeritus Scientist for 4 years. In 2006 he took up Visiting Professorship at R. V. College of Engineering and mentored their Master's Program in Structural Engineering till Jan 2015. He is currently associated with a voluntary agency **GRAMAVIDYA** and is involved in the dissemination of Alternative Sustainable Technologies. His interests include Structural Dynamics, Earthquake Engineering, Shell Theory, Masonry Structures, Alternative Buildings and Rural Energy Systems.

Introduction:

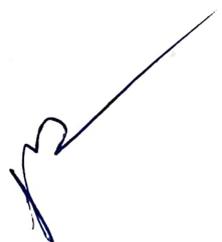
The concept and use of reinforced brick masonry (RBM) has a long history. This Technical Notes documents the history of RBM. Recent and current code provisions are enumerated. Several applications of RBM show the variety of possible uses.

Reinforced brick masonry (RBM) consists of brick masonry which incorporates steel reinforcement embedded in mortar or grout. This masonry has greatly increased resistance to forces that produce tensile and shear stresses. The reinforcement provides additional tensile strength, allowing better use of brick masonry's inherent compressive strength. The two materials complement each other, resulting in an excellent structural material. The principles of reinforced brick masonry design are the same as those commonly accepted for reinforced concrete, and similar formulae are used.

Summary:

The use of reinforced brick masonry has been recorded for over 175 years. RBM construction has been adapted to a wide variety of applications throughout its history. Beams, column, pilasters, arches, and other RBM elements have been used in buildings, culverts, retaining walls, silos, chimneys, pavements and bridges. Continuing research on RBM results in more economical structures able to withstand all types of loading. The information and suggestions contained in this Technical Notes are based on the available data and the experience of the engineering staff of the Brick Industry Association. The information contained herein must be used in conjunction with good technical judgment and a basic understanding of the properties of brick masonry. Final decisions on the use of the information contained in this Technical Notes are not within the purview of the Brick Institute of America and must rest with the project architect, engineer and owner.

The session ended with a hearty thanks and presenting of a memento to Dr. Jagdish by Dr. P. S. Niranjana in appreciation for taking the time out to educate the students on Design of Reinforced Brick Masonry. He thanked the Management for providing the platform to organize guest lecture.



appreciated Faculty members, students volunteers and participants for the successful conduction of the event.

Prepared By:

Dr. Jagadeesh C. B. & Sudhakhhar
Faculty members,
Department of Civil
NHCE



HOD - Civil

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

Expert Lecture - Design of Masonry Structures - Module 5 (23.10.18)

SL NO	USN	STUDENT NAME	Signature
1	1NH14CV007	Akash.S	
2	1NH14CV041	IRFAN BAIG V	
3	1NH14CV048	M. Kavyashree	M. Kavyashree
4	1NH14CV065	Methesh M Reddy	
5	1NH14CV074	Niraj Paul	Niraj Paul
6	1NH14CV076	Nishanth N V	
7	1NH15CV001	Abdul Rehman Khan	Abdul Rehman Khan
8	1NH15CV002	Abhijeet Jadhav	Abhijeet Jadhav
9	1NH15CV005	Abhishek Hire Desai	Abhishek Hire Desai
10	1NH15CV006	Abhishek I Kappattanavar	Abhishek I Kappattanavar
11	1NH15CV008	Abhishek N S	Abhishek N S
12	1NH15CV009	Ajay Kumar Das	
13	1NH15CV010	Ajin George Mathew	Ajin George Mathew
14	1NH15CV011	Akash Mehta	
15	1NH15CV012	Akhilesh Shetkar	
16	1NH15CV014	Aman Kumar Sinha	Aman Kumar Sinha
17	1NH15CV015	AMIT KUMAR SINGH	AMIT KUMAR SINGH
18	1NH15CV016	Amit Yadav	Amit Yadav
19	1NH15CV018	Anisha U	Anisha U
20	1NH15CV019	Ankit Kumar Singh	Ankit Kumar Singh
21	1NH15CV020	Anoop Daniel Gordon	Anoop Daniel Gordon
22	1NH15CV021	Aravind Javali	Aravind Javali
23	1NH15CV022	ARJUN A	
24	1NH15CV023	Arjun.K.M	Arjun.K.M
25	1NH15CV024	Arjun Mahato	Arjun Mahato
26	1NH15CV025	Arun Yadav	
27	1NH15CV026	Ashiqh Rehaman	
28	1NH15CV027	Ashwini.J	Ashwini.J
29	1NH15CV029	BHARGAV M	
30	1NH15CV030	Bikash Nepal	Bikash Nepal
31	1NH15CV032	Chaitra.K	Chaitra.K
32	1NH15CV034	Dhiraj.T	
33	1NH15CV035	Divya. M	Divya. M
34	1NH15CV036	George Joseph	George Joseph
35	1NH15CV037	Gururaj.C.M	
36	1NH15CV038	H C Nithin	
37	1NH15CV039	Harshini.P	
38	1NH15CV040	Hemalatha R	Hemalatha R
39	1NH15CV043	Jagath Mohan	
40	1NH15CV044	Javed Ali	
41	1NH15CV045	Jeevan.S.D	
42	1NH15CV047	Junaid Ahamed.I	
43	1NH15CV048	Junaid Fayaz Bhat	Junaid Fayaz Bhat
44	1NH15CV052	Karan Dattatray Patil	Karan Dattatray Patil
45	1NH15CV053	Keerthi.T.V	Keerthi.T.V

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NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

VII SEM - B SEC-ODD SEMESTER 2018

Expert Lecture - Design of Masonry Structures - Module 5 (23.10.18)

SL NO	USN	STUDENT NAME	Signature
1	INH14CV079	B.Pavan Kumar	Pavan B
2	INH14CV084	PRASANN ARJUN BAJANTRI	Prasanna
3	INH14CV113	T Kartik Naidu	Kartik
4	INH14CV118	Vikas G D	Vikas
5	INH14CV149	Rakesh Kumar Chaudhary	Rakesh
6	INH14CV152	Chaitanya M.R.K	Chaitanya
7	INH14CV154	Anusha R	Anusha
8	INH14CV155	Manoj.P	Manoj P
9	INH14CV156	B.Malyadri	Malyadri
10	INH15CV054	Khetsun Sangpo	Khetsun
11	INH15CV055	Kiran Kumar V	Kiran
12	INH15CV056	Kiran Rathod	Kiran
13	INH15CV058	Komal Bagga	Komal
14	INH15CV059	Lokesh kumar	Lokesh
15	INH15CV060	Manish Jha	Manish
16	INH15CV061	Manjula.G	Manjula
17	INH15CV062	Maqsood Hassan Sohail	Maqsood
18	INH15CV063	Md Naqueeb Alam	Naqueeb
19	INH15CV064	Md. Sabir Hussain	Sabir
20	INH15CV065	Md. Kamrul Hassan	Kamrul
21	INH15CV066	Md.Samad	Samad
22	INH15CV067	Melvin Ronald D Souza	Melvin
23	INH15CV068	Mohammad Attaulah	Mohammad
24	INH15CV069	Mohammad Shahnawaz Ali	Mohammad
25	INH15CV070	Mohammed Ghouse	Ghouse
26	INH15CV071	Mohammed Thouseef.K	Thouseef
27	INH15CV072	Mohan Naik.B	Mohan
28	INH15CV074	Monesh.B	Monesh
29	INH15CV075	Nandan.A.Y	Nandan
30	INH15CV076	Naresh Kumar Yadav	Naresh
31	INH15CV077	Naveen.S.R	Naveen
32	INH15CV078	Neha Jacob	Neha
33	INH15CV079	Nidhi.D	Nidhi
34	INH15CV080	Nikhil D. S	Nikhil
35	INH15CV081	Nithish.R	Nithish
36	INH15CV084	Prjwal B	Prjwal
37	INH15CV085	Prashanth.C.Gowda	Prashanth
38	INH15CV086	Praveen Kumar.S	Praveen
39	INH15CV087	Praveen.R	Praveen
40	INH15CV088	Priya R	Priya
41	INH15CV092	Rachitha Prakash	Rachitha
42	INH15CV093	rahul singh	Rahul
43	INH15CV094	Raj Ramesh Domadiya	Raj
44	INH15CV095	Rakesh	Rakesh
45	INH15CV096	Rakesh.M	Rakesh
46	INH15CV097	Ranjith.K.B	Ranjith
47	INH15CV098	Ritesh Adhikari	Ritesh
48	INH15CV099	Rivesh Shah	Rivesh
49	INH15CV100	Rohan Bopanna.N.M	Rohan
50	INH15CV106	S V Gangadhar	Gangadhar

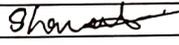
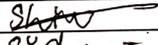
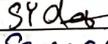
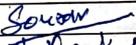
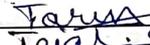
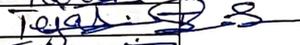
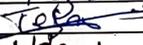
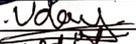
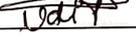
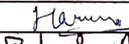
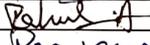
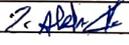
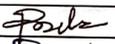
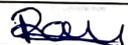
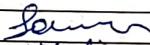
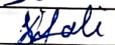
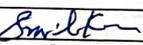
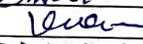
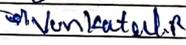
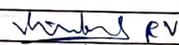
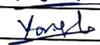
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NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

VII SEM - C SEC-ODD SEMESTER 2018

Expert Lecture - Design of Masonry Structures - Module 5 (23.10.18)

SL NO	USN	STUDENT NAME	Signature
1	1NH15CV033	Deekshitha.C	
2	1NH15CV107	S V Jathin Reddy	
3	1NH15CV108	Sachin Patil	
4	1NH15CV109	Sagar M Reddy	
5	1NH15CV110	Sai Prasad M Gondkar	
6	1NH15CV112	Samanjasa.K	
7	1NH15CV113	Sanjay Kumar chaudhary	
8	1NH15CV114	Sanjit Kumar Pandit	
9	1NH15CV115	Shaik Mohammed Ul Haq	
10	1NH15CV116	Shaleek Ahmed	
11	1NH15CV117	Shamanth.K	
12	1NH15CV118	Shamir Sirajuddin	
13	1NH15CV120	Shivaraja.C	
14	1NH15CV121	Shivaranjan.D.C	
15	1NH15CV122	Siddarth Hegde	
16	1NH15CV124	Somanna.N.B	
17	1NH15CV125	Sonia Elizabeth Thomas	
18	1NH15CV126	Sourav Das	
19	1NH15CV127	Sriki Reddy Pawan Kalyan Reddy	
20	1NH15CV128	Tarun Kumar	
21	1NH15CV129	Tarun Kumar Reddy Vanukuri	
22	1NH15CV130	Tejas K Suresh	
23	1NH15CV131	Tejas. S	
24	1NH15CV133	Uday Kumar	
25	1NH15CV134	Udit Kumar.G.D	
26	1NH15CV135	UZAIR AHMED BAIG	
27	1NH15CV138	Venkata Raju	
28	1NH15CV139	Vineeth A	
29	1NH15CV140	VINITH V	
30	1NH15CV141	Vipin Sharma	
31	1NH15CV142	Vishal Prasad. M	
32	1NH15CV143	Vishnu.K.Pradeep	
33	1NH15CV144	Vishwanath. J	
34	1NH15CV145	Vivek Sharma	
35	1NH15CV146	Harini V Chatrapathi	
36	1NH15CV147	Rahul Arul	
37	1NH15CV148	Praveen Kumar.B	
38	1NH15CV150	Tejwanth S	
39	1NH16CV400	Akhil Raj L	
40	1NH16CV401	Akshay R Torgalmath	
41	1NH16CV402	Indumathi N	
42	1NH16CV403	Kishor Kumar Nayak	
43	1NH16CV404	Mahantesh Dollin	
44	1NH16CV405	Mohith G N	
45	1NH16CV406	Nandini.A.S	
46	1NH16CV407	Prashanth.A	
47	1NH16CV408	Rachana N Tigadi	
48	1NH16CV409	Rashmika N	
49	1NH16CV410	Ravi Kumar Sunil VishwanathMath	
50	1NH16CV411	Ravi L kallakutugar	
51	1NH16CV412	Ravishankara N	
52	1NH16CV413	Seema B C	
53	1NH16CV414	Shaikh Saif Ali Darzi	
54	1NH16CV415	Sharanayya Swamy	
55	1NH16CV417	Sunil Kumar H	
56	1NH16CV418	Varun Kumar.V	
57	1NH16CV419	Venkatesh R	
58	1NH16CV420	Vinayak M.Jadhav	
59	1NH16CV421	Vivekanand R V	
60	1NH16CV422	Yashwanth Kumar H M	
61	1NH16CV423	Madhu B N	

M

circ

16.10.2018

To,
The Principal
NHCE

Expert.

Dear Sir,

Sub: Request to arrange conveyance facility for ~~Guest~~ Lecture

Prof. Dr. K.S.Jagadeesh, Emiratus Scientist, former Professor IISC, former chairman of Centre of ASTRA IISC, Consultant & an author of many books in civil engineering, will be delivering an expert lecture for final year BE students on 23rd October 2018 in the noon session (2.00pm onwards).

Hence, it would be very kind of you if you would permit us to arrange transportation facility from the Institution for his conveyance from his residence (Malleswaram) to Institution and back.

To: Mr. reu

Thanking You

please do the needful

T. S. Nanyan
16/10/18
HOD - CIVIL

Mangathu
17.10.

Dr. K.S. Jagadeesh.
Address: No. 6/1, M.T. Layout 1st Cross,
13th cross, Malleswaram,
Bengaluru - 560003
Mb: 9845553365.

Date: 21.01.2019

To,
The Principal,
NHCE,
Bangalore.

Dear Sir,

Sub: Request for honorarium for Industry expert lecture -reg

With reference to the above subject, I would like to inform you that, department has successfully conducted an Industry expert lecture on 23.10.2018 for VII SEM students.

Name :	Dr. K S Jagadish
Subject :	DESIGN OF MASONRY STRUCTURES
Topic & module :	Module 5

The details for the same are enclosed.

For the same, I am hereby requesting to make the payment of Rs.3, 000/- (Three Thousand only) towards honorarium.

This is for your kind information and approval.

With Regards,



HOD-CIVIL

Principal

Encl: CV and bank details



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

OFFER LETTER

Ref. No.: NHCE/OFFER/131/2019

January 10, 2019

Prof. K S Jagadish
6/1, M T Layout 1st Cross,
13th Cross Malleswaram,
Bangalore - 03

Dear, Prof. K S Jagadish ,

Congratulations! We are pleased to appoint you as an **Adjunct Faculty** in the **Department of Civil Engineering** in **New Horizon College of Engineering** for the **academic year 2018-19**. **New Horizon College of Engineering** is a unit of **New Horizon Educational Institution**, founded in 1970 to provide quality education.

- The subject allotted to you is design of Masonry Structures (Module - 5)

Adjunct faculty appointments are temporary in nature and are usually made for one year. You may be considered for reappointment in accordance with existing policy. The Institution reserves the right to reschedule or reassign the teaching responsibilities for this appointment.

Kindly acknowledge the receipt of this offer letter and also the acceptance of the offer.

We welcome you to New Horizon family.

Head - Human Resources

Accepted the offer as per the terms discussed.

Signature: *Jagadish K S*

Date: *13/01/2019*



K.S. Jagadish

ksjagadish@gmail.com

Mb: 9845533365

Name : K.S.Jagadish
Experience : 51 years
Currently Retired Professor
Designation : Professor
Residential Address : 6/1, M.T.Layout 1st cross,
13th cross, Malleswaram,
Bengaluru, 560003

Educational Qualification

B.E. civil. Mysore Univ. 1961
M.Sc(Eng). I.I.Sc. 1961
Ph.D(Eng). I.I.Sc. 1969
Post.Doctoral. Karlsruhe Univ, Germany, 1972-1973

Work Experience:

- Faculty of Civil Engg. (I.I.Sc.) - 1967
- Professor Civil Engg. (I.I.Sc.) - 1984
- Retired in 2002
- Emeritus Scientist. (I.I.Sc) - 2002-2006
- Visiting Prof. R. V. College of Engg.- 2006-2015
- Also Chairman, ASTRA, I.I.Sc. - 1983-1989

Research Guidance

M.Sc. 7
Ph.D. 15
Publications. 110 papers
Books. 5