

**SCHOOL OF INFRASTRUCTURE**

**DEPARTMENT OF CIVIL ENGINEERING**

Ref.:930/ Dean(Sol)/1024

Date:14.10.2024

**REPORT**

**“INAUGURATION OF ACTIVITIES OF STUDENTS’ CHAPTER”**

**Date:04.10.2024**

**Time: 10.00 am-12.00 Noon**

**Preamble:**

The Inauguration of activities of Students’ Chapter was organized by Department of Civil Engineering on 04.10.2024, 10.00 am at Seminar Hall for the benefit of UG (B.Tech Civil Engineering) and PG (M.Tech., Structural Engineering and M.Tech. Construction Engineering and Project Management) students.

**ASCE** STUDENT CHAPTER B.S. Abdur Rahman University  
**ICI** Indian Concrete Institute  
**IEI** Institution of Engineers (India)  
**IPA** Indian Plumbing Association  
**Crescent** B.S. Abdur Rahman™ Institute of Science & Technology Deemed to be University u/s 3 of the UGC Act, 1956

**SCHOOL OF INFRASTRUCTURE  
 DEPARTMENT OF CIVIL ENGINEERING**

**CORDIALLY INVITES YOU FOR THE INAUGURATION OF ACTIVITIES  
 OF STUDENTS' CHAPTER OF**

**INDIAN CONCRETE INSTITUTE (ICI)  
 AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)  
 INSTITUTION OF ENGINEERS (INDIA) (IEI)  
 INDIAN PLUMBING ASSOCIATION (IPA)**

**FOR THE ACADEMIC YEAR 2024-25**  
 on  
**OCTOBER 04, 2024, 10:00 A.M.**  
**SEMINAR HALL-1, CONVENTION CENTRE**

**Dr. K. SIVAKUMAR**  
 Head - Concrete Technology Technical Services  
 Larsen & Toubro Limited, Chennai

HAS KINDLY CONSENTED TO INAUGURATE AND DELIVER KEYNOTE ADDRESS

**Dr. N. RAJA HUSSAIN**  
 REGISTRAR  
 PRESIDES

**Dr. M. S. HAJI SHEIK MOHAMMED**  
 PROFESSOR AND DEAN, SCHOOL OF INFRASTRUCTURE  
 FELICITATES

**CONVENORS**

Dr. P. GAJALAKSHMI	Dr. V.S. PRIYA	Dr. P. VASANTHI	Dr. K. YOGESWARI
Dr. V. ROOPA	Dr. K. KANMANI	Dr. N.S. SHAFEER AHAMED	Dr. M AYISHA SIDIQUA
ICI	ASCE	IEI(I)	IPA

**STUDENT OFFICE BEARERS**

ICI	ASCE	IEI(I)	IPA
Mr. BHUPATHIRAJAN AP	Mr. MOHAMMAD YAASIN MAZID	Mr. MOHAMMED SHAHEER AADIL	Ms. VISHNU PRIYA
Mr. ANBUSELVAN R	Mr. ROSHAN AKHTAR	Mr. DHEEPAK KUMAAR S	Mr. PRADEEP D

**STAFF CO-ORDINATOR**  
 DR. V.S. PRIYA  
 ASSOCIATE PROFESSOR

**Invitation - Inauguration of Activities of Students 'Chapter**

**(i) ABOUT THE SESSION:**

The Department of Civil Engineering has the following professional societies;

- i) Students Chapter of American Society of Civil Engineers (ASCE)
- ii) Students Chapter of The institution of Engineers (IEI) (India),
- (iii) Indian Concrete Institute (ICI) and
- (iv) Students Chapter of Indian Plumbing Association(IPA)

The Inauguration was started with recitation of Qirtah by Mr. Huzafur Rahman, IV year, B.Tech. student followed by the rendition of Tamizh thai valthu by students' team. Mr. Mohammad Yaasin Mazid, Final Year B.Tech Civil Engineering, served as the Master of Ceremony for the Inaugural event. The entire event was well organized and coordinated by the proactive participation of student coordinators.



Master of ceremony By Mr. Mohammad  
Yaasin Mazid IV year, B.Tech. Civil  
Engineering



Welcome address by Mr. Bhupathirajan A.P  
IV year, B.Tech. Civil Engineering

Mr. Bhupathirajan A.P, IV-year student welcomed the dignitaries and participants. In his welcome address he highlighted about the different societies that are active in the Department of Civil Engineering. Following the welcome address, Dr.Priya VS, Associate Professor, Department of Civil Engineering introduced the office bearers of various Students' Chapter for the academic year 2024-25. The details are given below.



Introduction of Office bearers by Dr.Priya VS Associate professor, Department of Civil Engineering



Office bearers for the academic year 2024-25

**Office bearers of Students 'Chapter for the academic year 2024-25**

**OFFICE-BEARERS:**

**OVERALL TREASURER : HEMASHREE G (210011601010) IV YEAR**

**INDIAN CONCRETE INSTITUTE - STUDENTS' CHAPTER**

**GENERAL SECRETARY : BHUPATHIRAJAN A P (210011601007) IV YEAR**  
**JOINT SECRETARY : ANBUSELVAN R (220011601008) III YEAR**  
**TREASURER : AASHIQ T A (210011602001) IV YEAR**  
**EXECUTIVE MEMBER : ARAVINTHAN THEIVARAI (230011601004) II YEAR**

**AMERICAN SOCIETY OF CIVIL ENGINEERS - STUDENTS' CHAPTER**

**PRESIDENT : MOHAMMAD YAASIN MAZID (210011601019) IV YEAR**  
**VICE - PRESIDENT : SANJANA D M (210011601033) IV YEAR**  
**SECRETARY : ROSHAN AKTHAR (220011601023) III YEAR**  
**TREASURER : PRITHIK RAMAN R (210011602018) IV YEAR**  
**EXECUTIVE MEMBER : SAAD SAYEED SHAIRLHAN (230011601020) II YEAR**

**INSTITUTION OF ENGINEERS (INDIA) - STUDENTS' CHAPTER:**

**GENERAL SECRETARY :MOHAMMED SHAHEER AADIL (210011601023) IV YEAR**  
**JOINT SECRETARY : DHEEPAK KUMAAR S (220011601011) III YEAR**  
**TREASURER : MISFAHUR RASMI (21001160101013) IV YEAR**  
**EXECUTIVE MEMBER : MOHAMED JASIM H (230011602005) II YEAR**

**INDIAN PLUMBING ASSOCIATION - STUDENTS' CHAPTER**

**GENERAL SECRETARY : VISHNU PRIYA S V (210011601040) IV YEAR**  
**JOINT SECRETARY : PRADEEP D (220011601019) III YEAR**  
**REASURER : MOHAMED SAFWAN S (210011602009) IV YEAR**  
**EXECUTIVE MEMBER : ABDUL AADHIL (230011601001) II YEAR**

During the academic year 2023-24, the Department of Civil Engineering conducted around 22 technical events under different student chapter. This included (i) guest lectures inviting experts from the Industries such as L&T and also from reputed academic Institutions such as IITs, (ii) National level technical symposium with the participation of more than 70 students from colleges in Tamil Nadu, (iii) Workshops and hands on training on latest technologies (iv) Debates, Quizes, CAD Competition etc. Ms. Hemashree, IV-year student briefed about the activities that were carried out in the department during the academic year 2023-2024.

In the academic year 2023-24, Department of Civil Engineering also witnessed the enthusiastic participation of students in various technical and non-technical competitions organized by other reputed Institutions within the state. Ms. Sanjana DM, IV year student elaborated the accomplishments of the students stating their participation in various events such as Paper presentations, CAD competitions, Quiz etc, in other Institutions and laurels achieved by them. In the inauguration, Mr. Shaheer Aadil, IV year student briefed about the upcoming technical events that are planned for the benefit of the students for the academic year 2024-25.



Annual Report presentation by  
 Ms.Hemashree IV year, B.Tech.  
 Civil Engineering



Students' Accomplishment by  
 Ms.Sanjana IV year, B.Tech.  
 Civil Engineering



Upcoming events by  
 Mr. Shaheer Aadil IV year,  
 B.Tech. Civil Engineering

Dr.N.Raja Hussain, Registrar, BSACIST delivered the presidential address and appreciated the Dean (Sol) and faculty members of the department for the untiring efforts put forth by them for enhancing the knowledge level and technical skills of the students and also moldings them for industrial expectations. The Registrar also congratulated the students for their achievements and motivated them to aim for more laurels in the upcoming academic year.



Presidential address by Dr.N.Raja Hussain,  
Registrar, BSACIST



Felicitation by Dr.M.S.Haji Sheik Mohammed,  
Dean (Sol)

Dr.M.S.Haji Sheik Mohammed, Professor & Dean (Sol) in his felicitation address, highlighted about the various Students 'Chapter that are active in the department. He motivated the students to arrange for more guest lectures inviting experts from the industries. Dean (Sol) also emphasized the students to conduct more activities involving the Alumni of BSACIST so as to improve the networking with the technical experts and also to gain knowledge about the opportunity related to placements and training.

Ms. Vishnu Priya, B.Tech. IV year student introduced the chief guest to the audience.



Introduction of Chief guest by Ms.Vishnu Priya  
IV year, B.Tech. Civil Engineering

## (ii) ABOUT THE SPEAKER



**Dr. K Sivakumar**  
Head – Concrete Technology Technical Services, L&T Chennai

Dr. K Sivakumar, holds a PhD from the University of Dundee, UK and is “Head – Concrete Technology” within the ‘Buildings & Factories IC’ of L&T Construction based in Chennai. He is a specialist in concrete technology and practice having substantial experience in concrete durability design for a variety of infrastructure, including assessment cum-substantiation of civil nuclear facilities. Dr. Sivakumar is a Fellow of The Institution of Engineers, India and The Institute of Concrete Technology (ICT), UK. He is a member of ACI, ASTM International and the Indian Concrete Institute (ICI) with involvement in various technical committees. Further, he represents India in the Council of ICT. He has delivered several invited lectures for academia, industry and examined several graduate theses at the Indian Institute of Technology Madras and Anna University. Dr. Sivakumar has contributed to the Editorial Board of Journal of Testing and Evaluation (ASTM International, 2009 - present), Construction Materials (ICE, 2018 - present) and Civil Engineering (ICE, 2010 - 2016).



### Honouring Chief Guest

Dr. K Sivakumar, delivered a keynote lecture on “Sustainable Infrastructure Development for a Resilient Nation - C&D Waste Management & Environmental Restoration”. In the beginning of his lecture, the speaker, highlighted the importance of the Sustainable development goals and emphasized on SDG11 which was related to the sustainable cities and communities. The speaker shared his industrial experience pertaining to the potential use of recycled aggregates and treated water in the sustainable concrete production. The speaker briefed about the quantum of construction and demolition waste generated in India and also about the process

involved in converting the debris into a recycled coarse aggregate. Dr.Siva Kumar also emphasized about the codal provisions IS 383:2016, giving guidance about the use of recycled coarse aggregate in concrete. During the interaction session, students also interacted very well with the Speaker and clarified their queries about the sustainable concrete.



**Sustainable Infrastructure Development for a Resilient Nation**

*C&D Waste Management & Environmental Restoration*

**Dr. K. Sivakumar**  
 Head – Concrete Technology  
 Buildings & Factories IC  
 L&T Construction Chennai

School of Infrastructure: Department of Civil Engineering  
 B. S. Abdur Rahman Crescent Institute of Science & Technology, Chennai | 04.10.2024 |

**Aggregate Characteristics: Crusher**

Courtesy: L&T

EPC PROJECTS | HI-TECH MANUFACTURING | SERVICES  
 LARSEN & TOUBRO

**RCA Usage: Guidance from Standards**

**IS 383:2016 (First introduced RCA/RA)**

Aggregate	Plain Concrete	Reinforced Concrete	Lean Concrete
RCA (Coarse)	25%	20% (Only upto M25)	100%
RCA (Fine)	25%	20% (Only upto M25)	100%
RA	-	-	100%

**IS 383:2016/ Page#2/ Table#1/ Note#1:** It is desirable to source the recycled concrete aggregates from sites being redeveloped for use in the same site.

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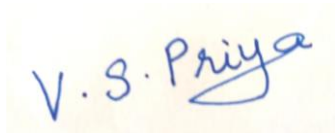
**Snapshots of keynote address and participation of students**

The vote of thanks was proposed by Mr.Sahal Shamsheri, B.Tech. IV year Student and on behalf of the coordinators, he extended a heartfelt thanks to the Management of BSACIST, Vice Chancellor, Registrar, Dean (Sol) , Faculty members and students coordinators for the wonderful support rendered by them for the inauguration of activities of student chapters.

**(iii) OUTCOME**

The Inauguration of Students Chapter activities is considered as mark of start for the various professional activities that are proposed under various societies. Apart from this, the key note address on “Sustainable Infrastructure Development for a Resilient Nation - C&D Waste Management & Environmental Restoration” is also a value addition for the UG and PG students and it enhanced their knowledge by

- Providing an introduction to the use of recycled coarse aggregate in concrete production
- Emphasizing the use of process to convert the construction debris to a recycled coarse aggregate
- Offering insight knowledge on codal provisions pertaining to the use of coarse aggregate



**Dr.Priya VS**  
**Associate Professor/Coordinator**



**Dr. M.S. Haji Sheik Mohammed**  
**Dean (School of Infrastructure)**