



**SR University, Warangal**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**CENTRE FOR CONSTRUCTION METHODS AND MATERIALS**  
**(CCMM)**

**Report - June 2018 to December 2021**

Submitted Date: 25.01.2022



Submitted By,  
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## INTRODUCTION

- Centre for Construction Methods and Materials established on 09/06/2018 aims to promote active research targeting Sustainable Materials and Methods used in projects, using transformative approaches in collaboration with academia, industries and other stake holders.
- A Centre student can also explore other [interdisciplinary research centers@SRU](mailto:interdisciplinary_research_centers@SRU)

### ➤ VISION

To be a national leader in fostering educational pedagogies, discoveries and innovations in the area of construction methods and materials by leveraging SREC's strengths in cognitive science, design thinking and entrepreneurship.

### ➤ MISSION

- Advance multi-disciplinary, experiential learning opportunities to support student professional and leadership development
- Enhance the competitiveness of local industries by addressing their problems in an innovative, creative and entrepreneurial approach.
- Promote the knowledge creation and sharing by creating a community of learners and scholars who are engaged in applied research.

### ➤ OBJECTIVES OF THE CENTRE:

The Center for Construction Methods and Materials' motto is to engage students in the construction enterprise while serving the needs of the industry and society. This centre focuses on the design and development of newer building materials with engineered properties, products, production technologies, and tools. The primary thrust areas of the center are –

- *Design of innovative materials and methods* - Design, analysis, fabrication and testing of innovative construction materials.
- *Sustainable construction materials* - Development of sustainable construction material by converting the waste materials and industrial byproducts.
- *Center for material analysis and testing* - Analysis and testing of construction materials by providing the state-of-the-art equipment and techniques.

### ▪ TEAM MEMBERS:

S.No.	Name of the faculty	Designation	Specialization	Contact
1	Dr. K Rajesh Kumar	Associate Professor	Structural Engineering	<a href="mailto:k.rajeshkumar@sru.edu.in">k.rajeshkumar@sru.edu.in</a> 9443224506
2	Dr. R. Gobinath	HOD- Civil	Geo technical Engineering	<a href="mailto:r.gobinath@sru.edu.in">r.gobinath@sru.edu.in</a> 9003394964
3	Dr. P.Murthy	Professor	Construction Technology and Management	<a href="mailto:p.murthi@sru.edu.in">p.murthi@sru.edu.in</a> 8220772148
4	Mr. G.Swamy yadav	Assistant Professor	Structural Engineering	<a href="mailto:g.swamyadav@sru.edu.in">g.swamyadav@sru.edu.in</a> 9704019477



### i SCHOLARS ROLE

- The Centre students will have an opportunity to work as iScholars at the [Center for Construction Methods and Materials \(CCMM\)](#) which helps to expand their intellectual horizons and make them industry-ready.

Role	Potential Activities
Innovation Leaders	Initiate new project ideas and lead extra-curricular teams Participate in competitions .Collaborate with fellow iScholars and mentors on a one-year entrepreneurial journey from identifying an opportunity to creating a marketable product prototype
Independent Thinkers	Conduct independent research Publish a journal paper
Inspiration Outreach Ambassadors	Organize competitions, workshops and other events Promote center activities by visiting other educational institutions Publish newsletters

iScholars acquire leadership skills by leading community outreach activities and coordinating technical events.

### Students Selection criteria

#### Eligibility:

- Must be an engineering or business major.
- Apply in 2nd semester 2nd year.
- At least 65% percentage in Academic and Attendance.

#### Evaluation criteria:

Performance on a day long mini-project. Research abilities (IQ, summarization, gathering info, exploring)

**Writing skills, Presentation skills , Enthusiasm, Persistence and Passion**

### Batch & work allotment:

All students are divided into batches, each batch should consists of 6 members i.e 2 students from 4<sup>th</sup> year , 2 students from 3<sup>rd</sup> year , 2 students from 2<sup>nd</sup> year .All batches will be guided by their respective centre faculty. The CCMM meeting will be conducted once in 15 days.

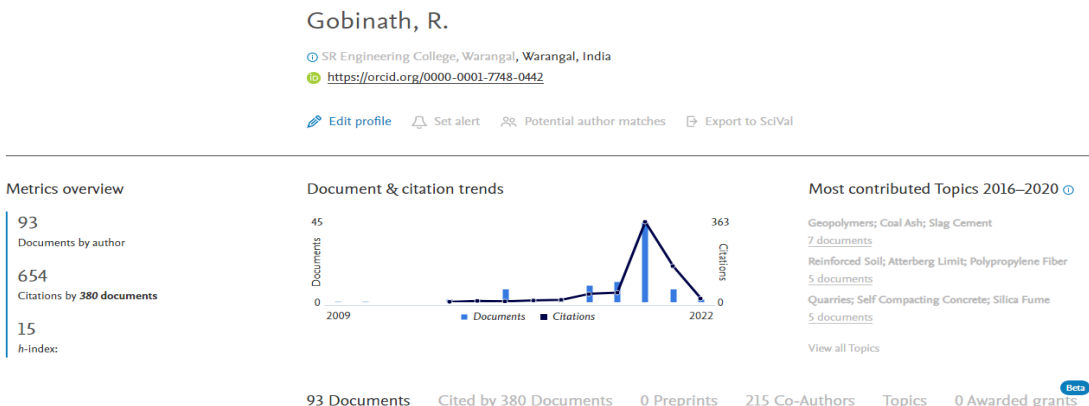
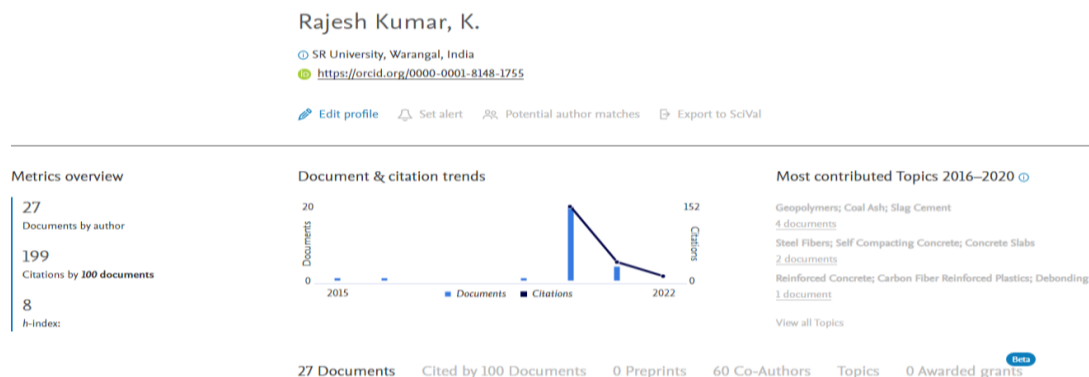
## ACTIVE RESEARCH AREAS

1. Effective Utilization of Septage treatment plant sludge ash with banana fibre for sustainable building Components.
2. Structural behaviour of RC Elements by Septage ash and hybrid fibre.
3. Masonry Units by industry rejects waste.
4. Study on mix design of asphalt for low volume rural roads by industry waste.
5. Geotechnical innovations for sustainable infrastructure
6. Artificial Intelligence Applications in Civil Engineering
7. Geo polymer concrete

### JOURNALS PUBLISHED:

#### Scopus/SCI publication

1	Dr. R. Gobinath	Professor & Head	93
2	Dr. P. Murthi	Professor	44
3	Dr. Rajesh Kumar K	Assoc. Prof.	27
4	Mr.G. Swamy Yadav	Asst. Prof.	12
<b>Total</b>			<b>176</b>



## Murthi, Palaniswamy

SR University, Warangal, India

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### Metrics overview

44  
Documents by author

229  
Citations by 146 documents

8  
h-index

### Document & citation trends



### Most contributed Topics 2016–2020

Geopolymers; Coal Ash; Slag Cement  
3 documents

Concrete Aggregates; Construction and Demolition Waste; Self Compacting Concrete  
3 documents

Self Compacting Concrete; Silica Fume; Concrete Mixtures  
3 documents

[View all Topics](#)

44 Documents Cited by 146 Documents 0 Preprints 61 Co-Authors Topics 0 Awarded grants [Lists](#)

## Yadav, Golla Swamy

Centre for Construction Methods and Materials, Warangal, India

<https://orcid.org/0000-0001-7867-0547> [Is this you? Connect to Mendeley account](#)

[Edit profile](#) [Set alert](#) [Potential author matches](#) [Export to SciVal](#)

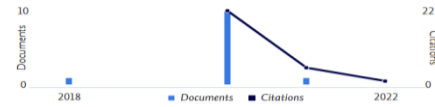
### Metrics overview

12  
Documents by author

28  
Citations by 28 documents

3  
h-index

### Document & citation trends



### Most contributed Topics 2016–2020

Asphalt Mixtures; Mastic; Rutting  
2 documents

Steel Fibers; Self Compacting Concrete; Concrete Slabs  
1 document

Reinforced Concrete; Seismic; Cyclic Loading  
1 document

[View all Topics](#)

12 Documents Cited by 28 Documents 0 Preprints 33 Co-Authors Topics 0 Awarded grants [Lists](#)

## ➤ PATENTS FILED:

Sr.No:	CBR No:	Application No:	Title	Patent Holder
1	28966	202141035467	A Novel Asbestos powder-based compound for Bitumen strength enhancement	Dr.R.Gobinath
2	28970	202141035471	A hybrid silica-based filler for asphaltic concrete strength enhancement	
3	28964	202141035466	A Novel silica-based filler for bitumen strength enhancement	
4	SREC-006-026	202141002145	Method to incorporate plastic reinforcement for enhancing shear resistance of deep beams	Dr.K.Rajesh Kumar

➤ **EVENTS CONDUCTED:**

**2018-19:**

Academic Year	Resource Persons	Title of the program	Out come
2018-19	Mr. Nijam Pure, Zonal Head, J.K. Cements Ltd, Hyderabad	Application of White Cement and Decorative Materials in Building Construction	65 students got benefited by this technical talk
2018-19	Dr.P.Rathish Kumar, Professor, Dept of Civil Engg, NITW	Recent Development in Special Structural Concretes	85students got benefited by this technical talk
2018-19	Dr. Sridhar Condoor	Entrepreneurship for Civil Engineers	50 students got benefited by this technical talk

**2019-20:**

- CCMM conducted sessions on **“G + 2 illustrate on Design of Reinforced concrete building”** on 18 & 19 October 2019 from 9.30 am to 4.30 pm at seminar hall (block I).
- One day **Industrial Visits** were arranged on two locations (Siri construction & Sri manikanda Ready mix plant) on 10.12.19 for Third year students.
- One day seminar on **“Material characteristics On Concrete and Highway materials”** delivered by Dr. Murthi and Dr. Poongodi on 18.12.2019.
- Dr. R. Gobinath delivered a keynote address on Online courses, e- Books and computer programming software to CCMM students at CADD lab along with CCMM faculty on 20.12.19





2020-21:

National webinar series 1.0 - 16-19 June 2021 - Funded by SRU

The screenshot shows a Zoom webinar interface. The top part displays a grid of participants, including names like AK MD MUBAR..., Dr. A.N.swamina..., and Abhas Debnath. The bottom part shows a presentation slide titled "Way Forward" with the following content:

- Due to vast quality of RA/quarry fines, RA needs to be classified that takes the consideration of waste sources, types, contaminants present in materials and its production process that leads to new prospective for scale up it utilization in wide areas.
- No standard technique has to be yet established for quantifying the CP as well as impurities adhering to RA. Therefore, such techniques needs to be established that would be helpful to assess its quality/classifications
- The cost effective with eco friendly methodologies of recycled material has to be established that would be a conceivable solution to boost its applications

On the right side of the screenshot is a promotional banner for SR UNIVERSITY, Warangal, Telangana - 506 371. The banner is for the "4 Days National Webinar series on Sustainable Materials Development & Marketing Strategies for Urban India" held from 16-19 June 2021, 5:30 p.m. to 7 p.m. It lists several speakers and their topics:

- Dr. N. SUMAN KUMAR**: DIRECTOR - NEST ENTREPRENEURSHIP IN SCIENCE & TECHNOLOGY, SR UNIVERSITY, TELANGANA. Topic: NATIONAL INNOVATION & STARTUP POLICY (16.06.2021).
- Dr. R. SIVA CHIDAMBARAM**: SCIENTIST, ORGANIC AND BUILDING MATERIALS CSIR-CBRI, ROORKEE. Topic: RECENT TRENDS IN SUSTAINABLE CONSTRUCTION TECHNIQUE (17.06.2021).
- Dr. G. SANTHA KUMAR**: SENIOR SCIENTIST, ADVANCED STRUCTURAL COMPOSITE & DURABILITY, CSIR-CBRI, ROORKEE. Topic: VALORIZATION OF WASTE FOR BUILDING INFRASTRUCTURE AN INNOVATION WAY TOWARDS SUSTAINABILITY (18-06-2021).
- Dr. C. JAYAGURU**: PROFESSOR DEPT OF CIVIL ENGG, PSNA COLLEGE OF ENGINEERING & TECHNOLOGY, DINDIGUL - TAMILNADU. Topic: BUILDING ECO - FRIENDLY HOUSES - IT'S EASIER THAN YOU THINK (19.06.2021).

Other roles listed include CO ORIGINATOR (Dr. K. RAJESH KUMAR), CHIEF PATRON (Sri. A. Varade Reddy), CO-CHAIRMAN (Dr. R. Archana Reddy), PATRON (Sri. A. Madhukar Reddy), and CHAIRMAN (Prof. GRC Reddy).

## Students outside world interaction

### 1. Internship/online course

No of students completed EDX course	:	30
No of students completed NPTEL course	:	23
No students attended webinar	:	156
No of student attended quiz	:	97
CSIR summer internship	:	3
Other internship	:	56





## 2. Industrial Visit:



Prof.Sridhar Condoor, Saint Louis University, USA, delivered a keynote address on projects and entrepreneurship to students.



Industrial visit to site construction for students with faculty.



Industrial visit to Lakshmi pre-stress concrete works pvt ltd. ( Railway Sleeper pre-stressing units)



Model making and demonstration of innovation / idea / product to the delegates.

### 3. Activites @ CCMM

**Dr.Murthi -CCMM member delivering Guest lecture on Material Characteristics on Concrete and Highway on 18.12.2019**



**Centre Students at IIT Madras Research park - Sustainability and Durability of Concrete Structures with bi-products with recycled materials.**

**Industrial Visit with -CCMM members at Gopalpur Individual Villas construction (Siri Construction) on 10.12.2019**



**One day Workshop on Sustainable materials and Green Buildings on 08 feb,2020 by Dr.V.Rangarao, KL University, Telangana**

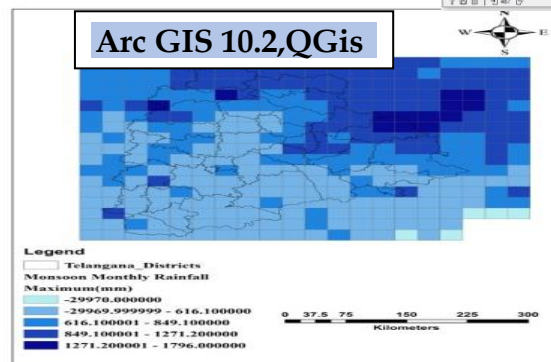
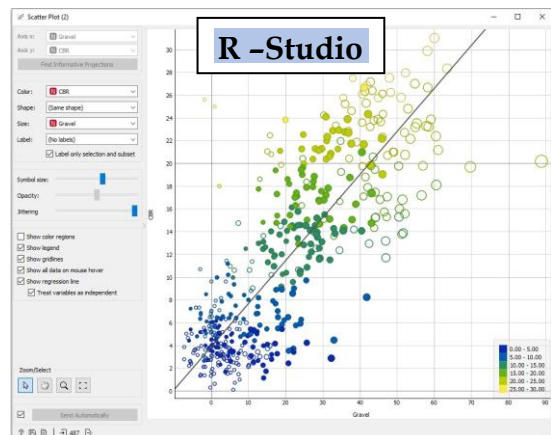
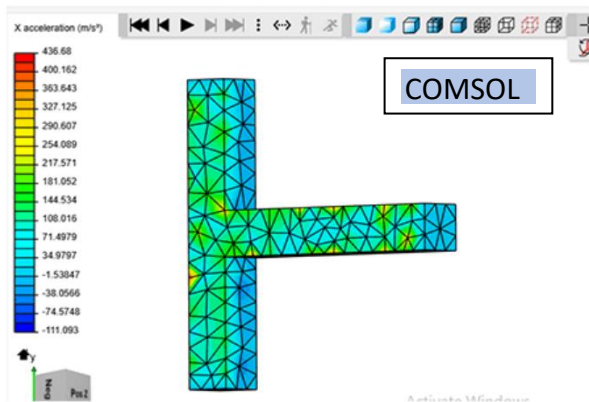


## CCMM meeting on 09.12.20 with Newly Joined Students



## Adiya Birla - Ultra Tech - Online Seminar for CCMM students

### 4. Students software training:



## 5. Educational Programs (ischolar)

The following courses are support by the CCMM

S.No	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	CE115	Concrete Technology	3	-	-	3
2	CE146	Retrofitting and Rehabilitation of Structures	3	-	-	3
3	CE120	Prestressed Concrete	3	-	-	3
4	CE123	Concrete Technology Lab	-	-	3	2
5	CE124	Highway Engineering Lab	-	-	3	2
6		Sustainable Methods and Materials for Construction	3	-	-	3

## AREA OF COLLABORATION - RESEARCH

- We have proven past record of successful partnership between industries, research institute, government sectors.
- Our area of societal collaboration with government body



Pilot scale study of Cement Mortar Mix For Wall construction at Children's Park, Mysaiah Nagar, Warangal, Telangana.

## STARTUP ESTABLISHED BY STUDENTS AND FACULTY:

A New Start up named Sustimate solutions Pvt Ltd established on 13.03.2020 Exclusively for developing new sustainable building material.

The Products Exhibited at INK@WASH Conducted by Telangana Government



### Company Master Data

CIN	U37100TG2020PTC139773
Company Name	SUSTIMAT SOLUTIONS PRIVATE LIMITED
ROC Code	RoC-Hyderabad
Registration Number	139773
Company Category	Company limited by Shares
Company SubCategory	Non-govt company
Class of Company	Private
Authorised Capital(Rs)	500000
Paid up Capital(Rs)	10500
Number of Members(Applicable in case of company without Share Capital)	0
Date of Incorporation	13/03/2020
Registered Address	sy no.141, plot no.5 gopalapuram, hanamkonda WARANGAL Warangal TG 506015 IN
Address other than R/o where all or any books of account and papers are maintained	-
Email Id	dr.rajeshkumar@secwarangal.ac.in
Whether Listed or not	Unlisted
ACTIVE compliance	-
Suspended at stock exchange	-
Date of last AGM	-
Date of Balance Sheet	-
Company Status(for e filing)	Active

### Charges

Assets under charge	Charge Amount	Date of Creation	Date of Modification	Status
No Charges Exists for Company/LLP				

### Directors/Signatory Details

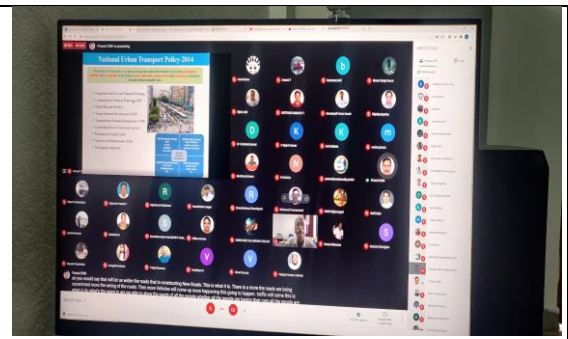
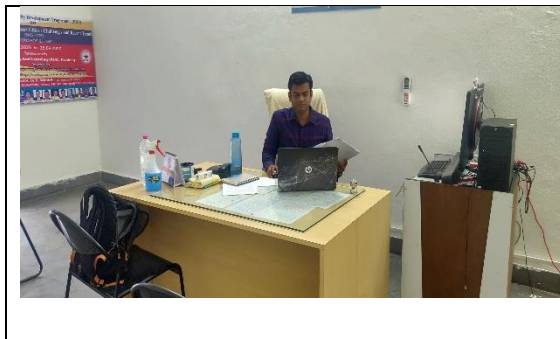
DIN/PAN	Name	Begin date	End date	Surrendered DIN
08694410	SWAMY YADAV GOLLA	13/03/2020	-	
08694472	SUPRIYA ESLAVATH	13/03/2020	-	
08694599	KRISHNAMOORTHY RAJESH KUMAR	13/03/2020	-	
08694679	NAGARAJU GUNTOJU	13/03/2020	-	
08694684	LAVAN KUMAR YELAKANTI	13/03/2020	-	
08719019	MADISHETTI RISHITHA	13/03/2020	-	
08719060	SAI PRIYA PILLALA MARRI	13/03/2020	-	



**FUNDED FDP/EDP:**

- Rs.1,00,000 funding received for conducting FDP program on Sustainable Materials for smart cities : Challenges and Recent trends Sponsored by AICTE Training and Learning (ATAL) Academy - By **Dr.K.Rajesh Kumar**

<p><b>Resource Persons</b></p>		<p><b>CHIEF PATRON</b> Sri A. Varada Reddy Chairman, S R Educational Academy</p> <p><b>PATRON</b> Sri A. Madhukar Reddy Secretary &amp; Correspondent</p> <p><b>CHAIRMAN</b> Dr. V. Mahesh Principal</p> <p><b>Co-CHAIRMAN</b> Dr. C.V. Guru Rao Director</p> <p>Dr. R. Archana Reddy Dean (Academics)</p> <p>Dr. R. Gobinath Prof. &amp; Head, Civil Engineering</p>	<p><b>One Week Faculty Development Programme (FDP) on</b></p> <p><b>Sustainable Materials for Smart Cities: Challenges and Recent Trends (SMS:CRT)</b></p> <p>21.09.2020 to 25.09.2020</p> <p>Sponsored by <b>AICTE Training And Learning (ATAL) Academy</b></p> <p>Organized By <b>Department of Civil Engineering Centre for Construction Methods and Materials S R Engineering College Ananthasagar, Warangal, Telangana - 506 371</b></p>
<p>Dr. N. Gopalakrishnan Director CSR-CRM, Kookee.</p> <p>Dr. P. Rathish Kumar Professor Dept. of Civil Engineering, NIT Warangal.</p> <p>Dr. R. Siva Chidambaram Scientist &amp; Asst Professor (ACSR) CSR- CSR, Kookee.</p> <p>Dr. S. Shankar Assistant Professor Dept. of Civil Engineering, NIT Warangal.</p> <p>Dr. C. Jayaguru Professor Dept. of Civil Engineering RMA College of Engg. &amp; Tech, Dindigul, Tamilnadu</p> <p>Dr. M. Vinod Kumar Associate Professor Dept. of Civil Engineering Vel Tech, R.S. ROAD, IST Aveli, Chennai, Tamilnadu</p> <p>Mr. Narsimulu Cinasi Founder and CEO Cloudship Technologies Pvt. Ltd., Hyderabad.</p>	<p>Dr. C.S.R.K. Prasad Professor (HAG) Dept. of Civil Engineering NIT Warangal.</p> <p>Dr. S. Suriya Prakash Associate Professor Dept. of Civil Engineering IIT Hyderabad.</p> <p>Dr. V. Sunitha Assistant Professor Dept. of Civil Engineering NIT Trichy.</p> <p>Dr. Palanisamy T Assistant Professor NIT Surathkal.</p> <p>Dr. M. Sivakumar Assistant Professor Dept. of Civil Engineering NIT Calicut.</p> <p>Dr. A. Athif Shah Chairman &amp; MD ABE Semiconductor Designs ABE Intelligence Group Telangana.</p> <p>Rajeshwar Rao Araballi Assistant Professor Head, Center for ES &amp; IoT S R University, Warangal.</p>		
<p><b>ORGANIZING COORDINATOR</b> Dr. K. Rajesh Kumar Associate Professor</p> <p><b>ORGANIZING Co-COORDINATOR</b> Dr. G.Shyamala Professor Mr. Md. Ikramullah Khan Asst. Professor</p> <p><b>ADDRESS FOR CORRESPONDENCE</b> Dr. K. RAJESH KUMAR Co-ordinator-SMS:CRT Associate Professor Department of Civil Engineering SR UNIVERSITY (Ertwhile known as S R ENGINEERING COLLEGE) Ananthasagar, Warangal, Telangana - 506 371 Email:dr.rajeshkumar@srecwarangal.ac.in www.sru.edu.in</p>		<p>Department of Civil Engineering Centre for Construction Methods and Materials S R Engineering College Ananthasagar, Warangal, Telangana - 506 371</p>	





- Rs.3,00,000 funding received for conducting program related to eco friendly materials through EDP cell- By **Dr. R. Gobinath.**



➤ **RESEARCH PROPOSALS SUBMITTED:**

- Submitted by **Dr.K.Rajesh Kumar** For consideration under “Technology Development Transfer (TDT)”- “Effective utilization of septage treatment plant sludge ash with banana fibre for sustainable building components” (TPN/59424 on 28.11.2020).
- Submitted by **Dr.P.Murthi** For consideration under “Technology Development Program (TDP)” Project title: Retrofitting of high aspect ratio RCC column using textile reinforced mortar (TRM) system

➤ **CONSULTANCY DETAILS:**

SI.No	Nature of Work	No of Samples	Report issued Date	organization
1.	Compressive strength of Paver Tiles	03	10.07.19	Sunscape Paving Systems
2.	Compressive strength of Concrete cube - sample of column concrete	03	22.07.19	SRIT Girls hostel
3.	Compressive strength of Paver block	06	19.08.19	SREC
4.	Compressive strength of Paver block	03	20.08.19	SREC
5.	Compressive strength of Paver block	12	21.08.19	Patel Pavers
6.	Compressive strength of Paver block- Parking Tiles	03	27.08.19	SRIT Girls hostel
7.	Compressive strength of Paver block	10	27.08.19	SREC

➤ **MOUS HAVE BEEN SIGNED : 04**

1. **CBRI-Central Building Research Institute, Rourkela signed on 26.03.2021**
2. **Tide Technocrats, Bangalore signed on 31.08.2021**
3. **Unite, Design Company, Bangalore signed on 04.12.2019**
4. **Hitech Concrete Solution, Chennai signed on 04.12.2019**



➤ **OUTSIDE WORLD INTERACTION BY FACULTY:**

- Dr. K Rajesh Kumar, Appointed as a one of the **Panel Advisory Committee** for the Ph.D scholar at VelTech Rangarajan Dr.Sangunthala R & D Institute Of Science and Technology, Chennai.
- Dr. K Rajesh Kumar Delivered Keynote Lecture in One day Webinar on **"Sustainable Construction Materials and their Applications"** to the Civil Engineering students and Faculty of Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, **Tamil Nadu**, On 07.11.2020 via Virtual Conferencing ( Webinar through Google Meet Platform.)
- Dr. K Rajesh Kumar Delivered Guest Lecture on **"Recent Trends on Materials and Methods for smart cities"** to the Civil Engineering students and Faculty of KLN Information Technology, Madurai, **Tamil Nadu**, On 09.05.2020 via Virtual Conferencing (Webinar through Zoom App.)

- Dr. K Rajesh Kumar Delivered Keynote Lecture on " **Materials and Methods of Roads for smart cities**" to the Civil Engineering students and Faculty of SNS college of Technology, Coimbatore, **Tamil Nadu**, On 07.05.2020 via Virtual Conferencing ( Webinar through Zoom App.)
- Dr. K Rajesh Kumar Acted as a **resource person in one day workshop** on "Quality assessment on Pavement materials and bituminous mix design" on 09. August 2019 at Saveetha School Of Engineering, Chennai, **Tamil Nadu**.
- Dr.P. Murthi Acted as Ph.D thesis Evaluator and Oral Examination board Member as Indian Examiner in other State Universities – 2 Thesis

**P.Murthi**

Date	Title	Institution
18.05.2020	Prefabricated Structures	SNS College of Engineering (Autonomous), Coimbatore, Tamil Nadu
05.06.2020	Prefabricated construction - Overview	Kongu Engineering College (Autonomous), Erode, Tamil Nadu
18.07.2020	Modern Construction Methods - a futuristic approach	Adhi College of Engineering and Technology, Chennai, , Tamil Nadu
27.08.2020	Future perspective of lightweight concrete	KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu
31.12.2020	Emerging Technologies in Construction Industry	Dr. N.G.P. Institute of Technology, Coimbatore

**SNS COLLEGE OF TECHNOLOGY (AUTONOMOUS)**  
 Re-Accredited by NAAC with 'A+' Grade  
 Accredited by NBA (CE, IT, EEE & Mechanical)  
 Approved by AICTE, New Delhi, Recognised by UGC  
 Affiliated to Anna University, Chennai

Department of Civil Engineering & Civil Engineering and Planning

Webinar on **Materials & Methods of Roads for Smart cities**  
 Date: 07.05.2020 / 11.00am - 11.00pm

presented by **Dr. K. Rajeshkumar, Ph.D**  
 Center Head - Center for Method & Materials,  
 Department of Civil Engineering,  
 S R Engineering College,  
 Telangana, India.

Co-ordinators  
**Dr. K. Thirumalai Raja** HOD-CIVIL & CEP  
**Dr. K. Arumugam** Associate Professor-CIVIL  
**Mr. N. Karthikeyan** Assistant Professor-CIVIL

A Group with Maximum AUTONOMOUS Institutions

INSTITUTIONS

PILLARS

SR UNIVERSITY

<https://tinyurl.com/snst-feedback>

**GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

DEPARTMENT OF CIVIL ENGINEERING  
 (In association with CIIRD and Entrepreneurship Development Cell(EDC))

Webinar on **BUILDING AN INNOVATION/ PRODUCT FIT FOR MARKET**

Resource person  
**Dr. K. Rajesh Kumar**  
 Director, Center for Construction Methods and Materials  
 SR University, Warangal

July 3<sup>rd</sup> 2021  
 From 3 PM

Coordinator  
**Prof. K. Vijayalakshmi**  
 HOD-CE

Co- Coordinators  
**Dr. S. M Subash** ASP/Civil, CIIRD  
**Mr. U Praveen Goud**

Registration Link-  
<https://forms.gle/eRKuq2TbBiB8kksRA>

**Vel Tech**  
 Rangarajan Dr. Sugunthala  
 R&D Institute of Science and Technology  
 Affiliated to Anna Univ., Chennai

School of Mechanical and Construction  
 Department of Civil Engineering

cordially invites you for the webinar on **SUSTAINABLE CONSTRUCTION MATERIALS & THEIR APPLICATIONS**

07<sup>th</sup> November 2020  
 2.00 to 3.30 p.m.

Platform Google Meet

Resource Person  
**Dr. K. Rajesh Kumar**  
 Associate Professor  
 Director of Centre for Construction Methods and Materials,  
 Department of Civil Engineering,  
 S R University,  
 Warangal, Telangana State

Co-ordinators  
**Dr. M. Vinod Kumar** Associate Professor  
**Mr. T. Uthaya Kumar** Assistant Professor

Convener  
**Dr. E. B. Perumal Pillai**  
 Dean - HRDC,  
 Professor & Head,  
 Department of Civil Engineering

## BOOK PUBLISHED

- Green building Design, Publisher: The Charulatha Publications, West Mambalam, Chennai

## Ph.D GUIDING

S. No.	Thesis Title	Scholar Name	Supervisor
1.	Retrofitting of RCC Columns with High Aspect Ratio	Manisha B. Shewale	Dr.P.Murthi
2.	Behaviour of Egg-shell Powder blended Fibre reinforced Pavement Quality Concrete	Velpula Lavanya	Dr.P.Murthi
3.	Performance Evaluation of sustainable precast slab panel using S.C.C. with septage ash and plastic fibres	B.Ashritha	Dr.K.Rajesh Kumar
4.	Experimental studies on Asphalt by using Septage and hybrid fibre.	N.Prabhanjan	Dr.K.Rajesh Kumar
5.	AI applications in geotechnical engineering	Ashwini	Dr.R.Gobinath
6.	AI applications in construction management	K. Pawan Kumar Mohan	Dr.R.Gobinath
7.	Sustainable building materials	Shinde Nitin N	Dr.R.Gobinath

## JOURNAL REVIEWER

### Dr.P.Murthi

1. Materials Today: Proceedings (An Elsevier Journal)
2. International Journal of Engineering and Technology
3. MDPI - Journal of Buildings