



SIDDHARTHA

ACADEMY of HIGHER EDUCATION

(by Ministry of Education, Govt Under Section 3 of UGC Act, 1956)

DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH
INTERNAL QUALITY ASSURANCE CELL (IQAC)
INSTITUTE OF ENGINEERS INDIA, VRSEC STUDENT CHAPTER CHAPTER

REPORT OF WORKSHOP ON

Research Practice

(Wednesday and Thursday, APRIL 17-18th, 2024)

The workshop was facilitated by Dr. Sanjay Kumar Shukla of Edith Cowan University, Australia, here are the key highlights from a two-day workshop on research practice:

Day 1

1. Foundation of Successful Research:
 - Emphasize the importance of defining a new problem or addressing a known problem with novel solutions.
 - Highlight the significance of understanding research gaps through literature review.
 - Stress the need for multidisciplinary collaboration and community/industry engagement.
2. Precision in Research Methodologies:
 - Discuss the necessity of accuracy and precision in experimental and mathematical works.
 - Provide guidelines for ensuring accuracy in measurements and calculations.
 - Clarify the distinction between accuracy and precision, and their importance in reliable research outcomes.
3. Acknowledging Assumptions and Limitations:
 - Stress the importance of acknowledging assumptions and limitations in research.
 - Guide researchers on how to prepare a comprehensive list of assumptions and limitations.
 - Explain the necessity of discussing these factors in research articles for credibility and recognition.

Day 2

4. Mechanistic Understanding and Practical Applications:
 - Encourage researchers to explain the mechanisms behind their findings.
 - Discuss strategies for developing scientific theories, equations, and design tools for practical applications.
 - Provide examples of how understanding mechanisms can enhance the value of research outcomes.

5. Comparative Analysis and Critical Discussion:

- Highlight the importance of comparing new findings with existing solutions.
- Guide researchers on how to conduct a critical discussion comparing their work with previous studies.
- Emphasize the need for numerical comparisons to validate the novelty and effectiveness of new approaches.

6. Effective Communication and Presentation:

- Discuss strategies for clear and concise communication in research articles.
- Provide guidelines for writing in simple and plain English, avoiding grammatical and presentation errors.
- Stress the importance of professional presentation skills for successful publication.

7. Patience and Dedication in Research:

- Emphasize the importance of patience and avoiding rush in the research process.
- Highlight the need for dedication and hard work in achieving practical solutions to real-life problems.
- Encourage researchers to focus on clear conclusions and illustrations for effective field applications.

Throughout the workshop, interactive sessions, case studies, and practical exercises reinforced these key principles and help researchers internalize them for their own research practice. The inclusion of these points enhanced the workshop's content, offering participants, including about 70 Faculty members of VRSEC, a thorough grasp of the practical implications of research within the realm of engineering.

Dr. Rama Vara Prasad Chavali, an Associate Professor of Civil Engineering, coordinated two day workshop focused on enhancing research practices. In addition to overseeing the logistical aspects of the workshops, Dr. Chavali actively contributed to the academic content by delivering the inaugural address, facilitating various sessions, and concluding the event with a vote of thanks.



Siddhartha

Academy of Higher Education
(Deemed to be University)

DEPARTMENT OF CIVIL ENGINEERING

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**INSTITUTE OF ENGINEERS INDIA, VRSEC STUDENT CHAPTER
CHAPTER**

cordially invite you to attend

A TWO-DAY WORKSHOP

RESEARCH PRACTICE

Expert Speaker

Dr Sanjay Kumar Shukla

Founding Editor-in-Chief,
International Journal of Geosynthetics and Ground
Engineering, Springer Nature, Switzerland.



 **Seminar Hall, Department of Civil Engineering**

 **10:00 am, 17-18 April 2024**

Dr Chava Srinivas

Professor and Head, Department of Civil Engineering, VRSEC

Dr Rama Vara Prasad Chavali

Associate Professor, Department of Civil Engineering, VRSEC

 +919441009894

 rvprasad@vrsiddhartha.ac.in

RESEARCH PRACTICE

Minute to Minute Schedule

DAY 1

10:00 AM – 10:05 AM	Inauguration of Research Practice
10:05 AM – 10:10 AM	Opening Remarks by Dr. Chava Srinivas, Professor & HOD, CED
10:10 AM – 10:25 AM	Speech by Chief Guest, Dr. A.V. Ratna Prasad, Principal, VRSEC
10:25 AM – 10:30 AM	Introduction of Distinguished Speaker
10:30 AM – 10:55 AM	Prelude to workshop by Distinguished Speaker, Dr Sanjay Kumar Shukla, Founding Editor-in-Chief, International Journal of Geosynthetics and Ground Engineering, Switzerland
10:55 AM – 11:00 AM	Vote of Thanks
10:55 AM – 11:00 AM	Tea Break
11:15 AM – 12:15 PM	Session #1: Research learning (Part 1)
12:15 PM – 1:15 PM	Session #2: Research learning (Part 2)
1:15 PM – 2:15 PM	Lunch
2:15 PM – 3:15 PM	Session #3: Research presentation (Part 1)
3:15 PM – 3:30 PM	Tea Break
3:30 PM – 4:00 PM	Session #4: Research presentation (Part 2)

DAY 2

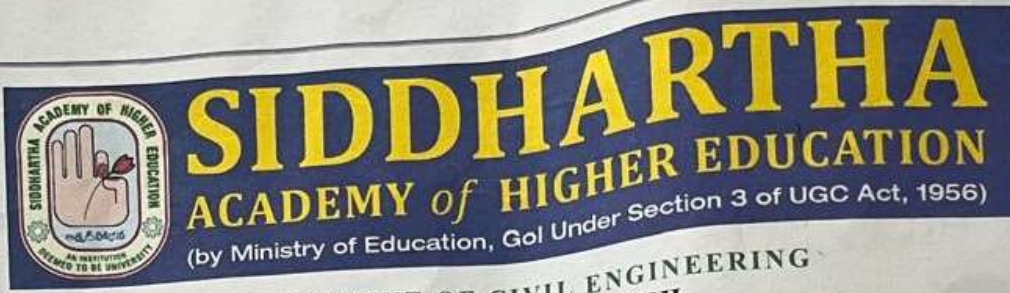
10:00 AM – 11:15 AM	Session #5: Research publication (Part 1)
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 12:45 PM	Session #6: Research publication (Part 2)
12:45 PM – 1:45 PM	Lunch
1:45 PM – 3:00 PM	Session #7: Research application (Part 1)
3:00 PM – 4:15 PM	Session #8: Research application (Part 2)
4:15 PM – 4:30 PM	Tea Break
4:30 PM – 5:00 PM	Valedictory session
5:00 PM	End of Workshop

Photos during sessions and interactions





Participants attendance details



**DEPARTMENT OF CIVIL ENGINEERING
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INSTITUTE OF ENGINEERS INDIA, VRSEC STUDENT CHAPTER CHAPTER**

Research Practice

S.No.	Name of Faculty	17/04/2024	17/04/2024	18/04/2024	18/04/2024
1.	Dr K Ramaniah				
2.	Sri V. Sudheer Kumar				
3.	Sri M. Ashok Chakravarthy				
4.	Sri K. Ravi Kumar				
5.	Sri M. Rajesh				
6.	Sri A. N Phani Deepthi				
7.	Sri P. Gopinath Chowdary				
8.	Sri Ch. Venkata Prasad (Informed)				
9.	Sri V. Vasu				
10.	Dr Lakshmi Kesav				
11.	Dr G Venkata Rama Subbarao				
12.	Dr Rama Vara Prasad				
13.	Dr Vinay Gaddam				
14.	Dr Kanta Rao				
15.	Dr PK Prasanna				
16.	Dr Malathi				
17.	Dr Raviteja				
18.	Dr Suma Y				
19.	Smt. Sujatha				
20.	Sri B. Venkata Rao				
21.	Dr K. Hanuma				
22.	Dr C. L. Monica				

23.	Dr T. Mounika	T. mto	T. mto	T. mto	T. mto
24.	Dr K.S.K. R. Chandra Sekhar	K. Sekhar	K. Sekhar	K. Sekhar	K. Sekhar
25.	Dr Gopinath	Gopinath	Gopinath	Gopinath	Gopinath
26.	Dr M Jayaranjan	M. Jayaranjan	M. Jayaranjan	M. Jayaranjan	M. Jayaranjan
27.	MS P Venkataramana	P. Venkataramana	P. Venkataramana	P. Venkataramana	P. Venkataramana
28.	Dr Sara Suhasini	S. Suhasini	S. Suhasini	S. Suhasini	S. Suhasini
29.	Dr Fayaz Ahmad Shaik	F. Shaik	F. Shaik	F. Shaik	F. Shaik
30.	Dr SK. Khaleel Ahmed	SK. Khaleel Ahmed	SK. Khaleel Ahmed	SK. Khaleel Ahmed	SK. Khaleel Ahmed
31.	Smt M Sunitha	M. Sunitha	M. Sunitha	M. Sunitha	M. Sunitha
32.	Mr. Md Ashan Halimi	Ash	Ash	Ash	Ash
33.	Dr M. Santosh Kumar Singh	M. Singh	M. Singh	M. Singh	M. Singh
34.	Dr Balmukund Tripathi	B. Tripathi	B. Tripathi	B. Tripathi	B. Tripathi
35.	Mr Md Faheem	Mdf	Mdf	Mdf	Mdf
36.	Mr K. Premchand	K. Premchand	P	K. Premchand	
37.	Battula Suresh	B. Suresh	B. Suresh	B. Suresh	B. Suresh
38.	Dr G. Anuradha				
39.	Dr K. L Sailaja	K. L Sailaja	K. L Sailaja		
40.	Dr Ch Anuradha				
41.	Dr T. Meena				
42.	Dr T. Bindu Madhavi			T. Bindu	T. Bindu
43.	Dr N. Krishna Santosh	N.K. Santosh	N.K. Santosh	N.K. Santosh	N.K. Santosh
44.	Dr K. Lakshmi Revathi				
45.	Mr. V. Sandeep		V. Sandeep	V. Sandeep	V. Sandeep
46.	Mr. M. Vani Pujitha				
47.	Mr. S. Babu				
48.	Dr Sankalp Patilwal				
49.	B Rama Gopi	B. Rama Gopi	B. Rama Gopi	B. Rama Gopi	B. Rama Gopi
50.	K. Mrudula	K. Mrudula	K. Mrudula	B. Rauf	B. Rauf
51.	K Niharika	K. Niharika	K. Niharika	K. Niharika	K. Niharika
52.	D. Anusha	D. Anusha	D. Anusha	D. Anusha	D. Anusha
53.	Dr S Srinivasulu Raju	S. Raju	S. Raju	S. Raju	S. Raju

54.	Dr N Swathi				
55.	M Kranthi				
56.	Ch Jayalakshmi				
57.	G Jalalu				
58.	Sireesha Alapati				
59.	B. Swarupa Rani				
60.	K. Lalitha				
61.	SNVSK Chaitanya				
62.	V. Bindu				

63. Dr. S.F.R. KHADRI
64. Dr Ch Baby Rani
65. Dr. Y. SANGEETHA
66. Dr. A. Sai Sada
67. Dr. G. Jayalakshmi
68. Dr. S. Suhani
69. Dr. T. Anurak
70. Dr K. Sita Kumari
71. Dr M. Ashok kumar
72. Dr. C. Subba Reddy
73. Dr. CS Pavan Kumar
74. S. Satish
75. Dr. S. Pathinabi
76. A. Srinivasa chowdary
77. A. Dattaboyakumar

Institutional Circular

Mechanical Dept.

15/04/2024

VRSEC
CE 171

Vijayawada,
14/04/2024.

To
The Principal,
SAHE University, Vijayawada.
Dear Sir,

**Subject: Request for Deputation of Participants from Various Departments to Attend Two-Day
Workshop on Research Practice**

I am writing to bring to your esteemed attention an upcoming event that holds significant promise for the academic enrichment of our faculty members.

As you may be aware, we have the distinct honor of hosting Professor Sanjay Kumar Shukla, a renowned authority in the field of research practice, at our institution for a two-day workshop on "Research Practice". Professor Shukla's expertise in this domain is widely acknowledged, and his insights have proven invaluable to countless researchers and scholars across the globe.

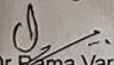
The workshop, scheduled to take place on 17-18th April 2024, aims to delve into various aspects of research practice, offering participants a comprehensive understanding of the latest methodologies, best practices, and emerging trends in the field. Given the relevance and importance of research in advancing our academic pursuits, I believe that the insights gained from this workshop will greatly benefit our faculty members and students, empowering them to undertake high-quality research endeavors with confidence and competence.

In light of the aforementioned, I humbly request your kind assistance in deputing 10 members from each department to attend this workshop. Their participation will not only enhance their individual capacities but also contribute to the overall academic excellence of our institution. Moreover, the knowledge and skills acquired during the workshop can be disseminated among their peers, fostering a culture of research excellence across departments.

Thank you for considering this request. Your support and encouragement are invaluable to us, and I am confident that together, we can continue to nurture an environment conducive to academic excellence and innovation.

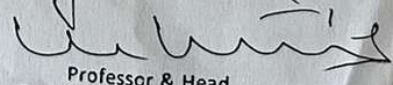
Should you require any further information or assistance, please do not hesitate to contact me. Looking forward to your favorable response.

Warm regards,


Dr. Rama Vara Prasad Chavali, Associate Professor, CED-VRSEC.

Forwarded. This event is being organized jointly with IQAC.

17/4 & 18/4
Minimum 10 Faculty / Dept including
15 registers S&H
JTP
15/4


Professor & Head
Dept. of Civil Engineering
V.R. Siddhartha Engineering College
VIJAYAWADA-520 007