

CURRICULUM - VITAE**S.K.V.S.T.LAVAKUMAR***Assistant Professor**Contact Details :*

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9949804908 📞

**EDUCATION QUALIFICATION**

Qualification	University	Name of the College	Specialization	Year of Passing
Ph. D	Andhra University	Andhra University College of Engineering(A) Visakhapatnam	Civil Engineering	2019
M.E	Andhra University	Andhra University College of Engineering(A) Visakhapatnam	Structural Engineering	2006
B.E	Andhra University	Andhra University College of Engineering(A) Visakhapatnam	Civil Engineering	2002

Project, Dissertation and Thesis:

UG: The analysis and design of multistoried building.

PG: Optimum Utilisation of Industrial Wastes in Concrete Cubes and R.C. Beams Using M 25**Ph.D: Investigation of Durability Specifications of IS 456:2000 for Reinforced Concrete Slabs****4. Teaching /Industry Experience:**

S No	Designation	Organization	Period	
			From	To
1	ASSISTANT PROFESSOR	S.R.K.R.ENGINEERING COLLEGE	01-08-2006	Till date

Total Experience: Teaching : 13 Years
Industry : 06 Years

Publications

Research Papers Published in Journals

1. Sree Ramachandra Murty, D., Papa Rao, G., and Lava Kumar, S.K.V.S.T., ‘ Stirrup Detailing Configurations for Shear Demands in Slender Four Caps’, Indian Concrete Institute (ICI) Journal, April-June 2019, Vol.20, No.1, pp 22-27. ISSN 0972-2998.
2. Sree Ramachandra Murty, D., Suresh, D., Dinakar, P., Lavakumar, S.K.V.S.T., ‘High Volume Fly Ash Cement, Recycled Coarse Aggregate and Stone Crusher Dust Combined for Sustainable Structural Concrete’, Indian Concrete Institute (ICI) Journal, January-March 2019, Vol.20, No.1, pp 13-20. ISSN 0972-2998.
3. Sree Ramachandra Murty, D., and Lavakumar, S.K.V.S.T., ‘Crack Width Aspect of Durability of Reinforced Concrete slabs, for Environment Existent in 70 % Extent of India’, Indian Concrete Institute (ICI) Journal, April-June 2018, Vol.19, No.1, pp 30-39. ISSN 0972-2998.
4. Lavakumar, S.K.V.S.T., Manasa, V., and Harish, M., ‘Evaluation of workability characteristics of Self Compacting Concrete’, International Journal of Engineering and Technology (IRJET), June-2018, Vol.05, Issue: 06, pp 1193-1198. Impact Value:6.171
5. Sree Ramachandra Murty, D., Lavakumar, S.K.V.S.T., and Sasikala, G., ‘Durability of RC Slabs In Moderate Environment’, Civil Engineering & Construction Review (CE&CR), March 2017, Vol.30, No.3, pp 80-86. ISSN 0975-9034.
6. Lavakumar, S.K.V.S.T., Sasikala, G., Gowri, B., and Anjali Lakshmi Devi., ‘The Influence of Hyposludge and Polypropylene Fibres on the Mechanical Properties of Self Compacting Concrete’, International Journal of Control Theory and Applications, 2016, Vol.10, No.26, pp 41-49. ISSN 0974-5572.
7. Chenakesava, Ch., Kashyap. A.M.N., Lavakumar, S.K.V.S.T., and Sasikala, G., ‘ Flexural Strength of Roller compacted Concrete using Mineral Admixtures’, International Journal of Engineering Research and Development, February 2014, Vol.9, Issue 12, pp 26-29.

Research Papers Published in Conferences

1. Sasikala,G.,Lavakumar,S.K.V.S.T. and Adishesu,S., ‘Prediction of mechanical properties of self-compacting concrete incorporating carbon steel fibres with partial replacement of portland pozzolanic cement by hyposludge’ International conference ICAST-2019.
2. Lava Kumar, S.K.V.S.T and Sasikala, Guthurthi.,’ The influence of polyproplene fibres and hyposludge on the mechanical properties of self -compacting concrete’, International conference ,ICEMRCI -2016,
3. Lava Kumar. S.KV.S.T, ‘Optimum Utilisation of Industrial Wastes in Concrete Cubes M 25 Mix, National conference, ETCESD -2006

Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	AICTE one –week Faculty Development Program on “Latest Software applications in civil Engineering”	S.R.K.R.Engineering College BHIMAVARAM	23 rd October 2017	04 th November 2017
2	Two-week ISTE STTP on “Introduction to Structural Engineering”	IIT Kharagpur	30 th Nov 2015	9 th Jan 2016
3	TEQIP One-week Faculty Development Programme on “ Structural & Foundation Analysis”	S.V.E.C.W BHIMAVARAM	25 th July 2016	29 th July 2016
4	TEQIP –II One-week Faculty Development Programme on ”Remote Sensing, GIS Applications In Civil Engineering”	S.V.E.C.W BHIMAVARAM	12 th Sept 2016	16 th Sept 2016
5	TEQIP One-week Faculty Development Programme on ”Construction Project Management”	S.V.E.C.W BHIMAVARAM	27 th Sept 2016	1 st Oct 2016
6	AICTE Two-week Staff Development Programme on “ Condition Assessment and Retrofitting of Concrete Structures	GMR INSTITUTE OF TECHNOLOGY , RAJAM	30 th May 2011	11 th June 2011
7	AICTE Faculty Development Programme on “Design and Construction of Ferrocement and Hybrid Fibre Reinforced Concrete Structures”	NIT Calicut	16 th May 2010	22 nd May 2010
8	AICTE One- week Staff Development	S.R.K.R.ENGINEERIG	26 th Dec 2006	30 th Dec 2006

	Programme on “Emerging Technologies in Civil Engineering for Sustainable development”	COLLEGE BHIMAVARAM		
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(b) Workshops Conducted

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	National Conference on “ EMERGING TECHNOLOGIES IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT” to	S.R.K.R.ENGINEERING COLLEGE BHIMAVARAM	27th Dec 2006	29th Dec 2006

Research Guidance:

Number of scholars who have been awarded M.Tech degree under my supervision as Guide are 20 (i.e **Number of M.Tech Dissertation Guided=20**)

1. *‘Effect of carbon steel fibres on elastic properties of self-compacting concrete with OPC’*
Harish.Mudragada, Regd.No.160201011, Academic year, 2016-2018
2. *‘Evaluation of elastic properties of fibre reinforced self-compacting concrete’*
Manasa.Vatsavayee, Regd.No. 160201017, Academic year, 2016-2018
3. *‘The influence of hyposludge and polypropylene fibres on the mechanical properties of self-compacting concrete’*, Anusha.Rudraraju, Regd.No. 315275707011, Academic year, 2015-2017.
4. *‘Performance of polypropylene fibre reinforced self-compacting concrete with partial replacement of cement by paper waste’*, Satya krishnam Raju.Tallabhattu, Regd.No. 315275707013, Academic year, 2015-2017.
5. *‘Comparative evaluation of self-compacting concrete by using OPC and PPC with different properties of hyposludge and addition of fibres’*, Prasanth.Tammineedi, Regd.No. 315275707015, Academic year, 2015-2017.
6. *‘Study on mechanical properties of M 50 grade self-compacting concrete with partial replacement of cement by hyposludge and addition of Recron 3S fibres’*, Gowri.B, Regd.No.314275707002, Academic year, 2014-2016.
7. *‘An experimental study on the strength characteristics of M 50 grade self-compacting concrete with partial replacement of cement by hyposludge and addition of Recron 3S fibres’*, Anjali Lakshmi Devi.M, Regd.No.314275707014, Academic year, 2014-2016.

8. *'Study on mechanical properties of concrete on partial replacement in cement with metakaolin and fine aggregate with ceramic waste powder'*, Lavanya.Indukuri, Regd.No.313275707008, Academic year, 2013-2015
9. *'Study on mechanical properties of concrete on partial replacement in fine aggregate with copper slag and granite powder'*, Satish kumar.Anasuri, Regd.No.313275707014, Academic year, 2013-2015
10. *'The effect of concrete cover in slabs at 0.706 percentage of flexural reinforcement under severe and very severe condition'*, Srilekha.G, Regd.No.311275707004, Academic year, 2011-2013
11. *'The effect of concrete cover in slabs at 0.970 percentage of flexural reinforcement under severe and very severe condition'*, Narayana.S.T.V, Regd.No.311275707010, Academic year, 2011-2013.
12. *'The effect of concrete cover in slabs at 0.353 percentage of flexural reinforcement under severe and very severe condition'*, Sarveswararao.S, Regd.No.311275707012, Academic year, 2011-2013.
13. *'The effect of concrete cover in slabs at 0.706 percentage of flexural reinforcement under very severe and extreme exposure condition'*, Anusha.Pokala, Regd.No.310275707001, Academic year, 2010-2012.
14. *'The effect of concrete cover in slabs at 0.970 percentage of flexural reinforcement under very severe and extreme exposure condition'*, Kishore.Panja, Regd.No.310275707003, Academic year, 2010-2012.
15. *'The effect of concrete cover in slabs at 1.147 percentage of flexural reinforcement under very severe and extreme exposure condition'*, Naga Lakshmi. Mukku, Regd.No.310275707006, Academic year, 2010-2012.
16. *'The effect of concrete cover in slabs at 0.353 percentage of flexural reinforcement under very severe and extreme exposure condition'*, SomaRaju.Addada, Regd.No.310275707011, Academic year, 2010-2012.
17. *'The effect of concrete cover in slabs under mild exposure condition as per IS 456 :2000'*, Prudhvi Raju, Regd.No.309275707002, Academic year, 2009-2011.
18. *'The effect of concrete cover in slabs under moderate exposure condition as per IS 456 :2000'*, Krishnam Raju.G.L.V, Regd.No.309275707003, Academic year, 2009-2011.

19. 'Size effect in punching shear failure of fly ash concrete slabs', Hari babu.Korrakuti, Regd.No.309275707005, Academic year, 2009-2011.
20. 'Effect of pile cap rigidity on load distribution on piles',Prakasarao.T.B, Regd.No.309275707012, Academic year, 2009-2011.

Subjects taught in UG and PG:

(a) Courses taught at Under Graduate:

1. Engineering Mechanics & Strength of Materials (EEE Programme)
2. Structural Analysis I
3. Structural Analysis II
4. Structural Analysis III
5. Reinforced Concrete Structures I
6. Multi Storey structures (Elective III)
7. PERT & CPM
8. Strength of Materials Lab
9. Concrete technology Lab
10. Computer Application in civil engineering lab

(b) Courses taught at Post Graduate:

1. Theory of Elasticity
2. Theory of Plates & Shells
3. Structural Stability
4. Industrial Structures
5. Plastic Analysis and Design
6. Advanced Structural Engineering Lab

Administration duties :

- i) **Postgraduate Coordinator**, from Department of Civil Engineering from 2010 to Till date
- ii) **In Charge** of Strength of Materials lab and Concrete lab for U.G & P.G.
- iii) **In Charge** of civil engineering seminar hall from 2006 to 2015
- iv) Executive body members of chapter (AP 35) from 2015 to till date

Membership in Professional Bodies

Member of The Institution of Engineers (India)