

CURRICULUM - VITAE**G.SASIKALA***Assistant Professor**Contact Details :*sasi.surampudi@gmail.com@gmail.com 8374338833 **EDUCATION QUALIFICATION**

Qualification	University/Board	Name of the College	Specialization	Year of Passing
B.Tech	J.N.T.U.Hyderabad	J.N.T.U.College of Engineering Kakinada	Civil Engineering	2006
M.E	Andhra University	S.R.K.R.Engineering College	Structural Engineering	2012
Ph.D	Andhra University	Andhra University College of Engineering	Structural Engineering	Registered in Andhra University 2014

Project and Dissertation:UG: **The analysis and design of multistoried building.**PG: **The effect of concrete cover in slabs under very severe exposure condition as per IS 456:2000****Teaching /Industry Experience:**

S N o	Designation	Organization	Period		Total Exp. Years and Months
			From	To	
1	ASSISTANT PROFESSOR	S.R.K.R.ENGINEERING COLLEGE	01-02-2008	Till date	12 Years

Total Experience: Teaching : 12 Years,**Publications**

Research Papers Published in Journals:

1. **Sasikala,G.**,Vidhya,K., Sai Varma, M.H., and Phani Varma, B.M., ‘Fresh properties of self-compacting concrete using hypo sludge and fibres’, International Journal of Engineering and Technology (IRJET), June-2018, Vol.05, Issue: 06, pp 1097-1101. Impact Value:6.171
2. 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.
3. 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. (Scopus)
4. **Sasikala, G.**, Adishesu, S.,Phani kumar.G.D.B.L.N.S., and Sudhasmani.J, ‘An Experimental Study on the Strength Characteristics of Self Compacting Concrete with Partial Replacement of Cement by Hyposludge and Addition of Polyester Fibres’, International Journal of Control Theory and Applications, 2016,Vol.09, No.25, pp 343-351. ISSN 0974-5572.
5. Kashyap, A.M.N., and **Sasi kala, G.**, ‘An Experimental studies on Compressive Strength of steel Fiber Reinforced Light Weight Aggregate (Pumice Stone) Concrete’ International Journal of Engineering Research and Development,2014,Vol.09,No.12 pp.26-29
6. 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.,andAdishesu,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 polypropylene fibres and hyposludge on the mechanical properties of self -compacting concrete', International conference ,ICEMRCI -2016,
3. Sasikala, Guthurthi., and Adishesu.S., 'An experimental Investigation on the strength characteristics of Fibre Reinforced self -compacting concrete with partial replacement of hyposludge cement', International conference ,ICEMRCI -2016.

Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	Two-week ISTE STTP on "Introduction to Structural Engineering"	IIT Kharagpur	30 th Nov 2015	9 th Jan 2016
2	TEQIP-II One-week Faculty Development Programme on "Structural & Foundation Analysis"	S.V.E.C.W BHIMAVARAM	25 th July 2016	29 th July 2016
3	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
4	TEQIP-II One-week Faculty Development Programme on "Construction Project Management"	S.V.E.C.W BHIMAVARAM	27 th Sept 2016	1 st Oct 2016

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. 'A study on polypropylene fibre reinforced self-compacting with OPC and PPC', Manoj phani varma.B, with Regd.No.160201001, Academic year,2016-2018.
2. 'Comparative study on strength properties of cement mortar by partial replacement of cement with ceramic powder and silicafume', Geethasri.Chinta with Regd.No.160201002, Academic year, 2016-2018.
3. 'Comparative evaluation of fibre reinforced self-compacting concrete with OPC and PPC', Vidhya. Kadali with Regd.No.160201006, Academic year,2016-2018.
4. 'Effect of recron 3s fibre reinforced self-compacting with OPC and PSC', Hari sai varma.Mudunuri with Regd.No.160201012, Academic year,2016-2018.

5. 'An experimental study on ceramic waste aggregate and crushed sand as a partial replacement of coarse aggregate and natural sand in cement concrete', Hari. Nakka with Regd.No.160201013, Academic year,2016-2018.
6. 'An experimental study on the strength characteristics of the self-compacting concrete with partial replacement of cement by hyposludge and addition of fibres', Krishna phanidhar. Domthamsetti with Regd.No: 315275707002, Academic year,2015-2017.
7. 'Innovative use of hyposludge in self-compacting concrete and effect on workability and mechanical properties' Sirisha. Ganji with Regd.No: 315275707003, Academic year,2015-2017.
8. 'Behaviour of fibre reinforced self-compacting concrete with partial replacement of cement by hyposludge' Satya manoj Deepak.Kadali with Regd.No: 315275707005, Academic year,2015-2017.
9. 'Comparative study of compressive strength and split tensile strength of scc concrete with polypropylene fibres of different origins in OPC and PPC', Pavani. Kolli with Regd.No: 315275707006, Academic year,2015-2017.
10. 'Behaviour of fibre reinforced self-compacting concrete with partial replacement of cement by hyposludge', Srinu. Vatala with Regd.No. 315275707017, Academic year,2015-2017.
11. Experimental investigation of self-compacting fibre reinforced concrete using paper waste', Prasanth.Y.N.D with Regd.No. 315275707018, Academic year,2015-2017.
12. 'An experimental study on the strength characteristics of M 30 grade self-compacting concrete with partial replacement of cement by hyposludge and addition of recron 3s fibres, Phani Kumar.G.D.B.L.N.S with Regd.No. 314275707005, Academic year,2014-2016.
13. 'Study on mechanical properties of M 30 Grade self-compacting concrete with partial replacement of cement by hyposludge and addition of recron 3s fibres', Sudhamani Jagginni, with Regd.No. 314275707006, Academic year,2014-2016.
14. 'A study on strength properties of UHPC partial replacement of cement by silica fume and glass powder', Prathima.Devarakonda with Regd.No. 313275707003, Academic year,2013-2015.

15. 'A study on mechanical properties of concrete as a partial replacement in cement with ceramic waste and hyposludge', Sagar. Mandaleeka, with Regd.No. 313275707009, Academic year,2013-2015.
16. 'A comparative study of mechanical properties of recron 3s fibre concrete of grade M 30 exposed to elevated temperatures', Kumari.N.S.S with Regd.No. 312275707015, Academic year,2012-2014.
17. A comparative study of mechanical properties of recron 3s fibre concrete of grade M 35 exposed to elevated temperatures', Rohini.M with Regd.No. 312275707016, Academic year,2012-2014.
18. ' Experimental investigation to evaluate the strength properties by using polypropylene fibres and silicafumes in high strength concrete ', BhanuPrasanth.Sidagam with Regd.No. 312275707017, Academic year,2012-2014.
19. 'A study on mechanical properties of fibre reinforced high strength concrete', Kashyap.A.M.N, with Regd.No. 311275707001, Academic year,2011-2013.
20. 'An experimental study on compressive strength of high strength concrete using recycled coarse aggregate', Chennakesava.Ch, with Regd.No. 311275707002, Academic year,2011-2013.

Achievements:

- i) **Secured First Position with 8.81 C.G.P.A in the course of M.E Structural Engineering of the S.R.K.R.E.C during academic year 2009-2011**

Administration duties:

- i) **Women Empowerment Coordinator**, from Department of Civil Engineering
- ii) **Coordinator** for External lab Examinations Activities in the Department of Civil Engineering for U.G
- iii) Coordinator for Anti Sexual Harassment Cell (ASHC), Women Empowerment Cell (WEC) and Women Grievance Redressal Committee(WGRC)