

Dr A.H.L.SWAROOP

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CAREER OBJECTIVE

To obtain a position of responsibilities that utilizes my skills and experience and keen to work in an environment where I can enhance my knowledge.

EDUCATIONAL CREDENTIALS

- ♦ **Ph.D in Civil Engineering** from Andhra University, Visakhapatnam in August, 2022.
- ♦ **Master of Engineering** in Structural Engineering in 2011 from AU, Visakhapatnam
- ♦ **Master of Business Administration (HR&CM), in IIBMS, Hyderabad** with First Class
- ♦ **Bachelor of Technology** (Stream: Civil Engineering), (2003-2007)
Bapatla Engineering College, Acharya Nagarjuna University, Andhra Pradesh (72.8%)
- ♦ **Intermediate Education** (Stream: Maths, Physics, Chemistry), (2001-2003)
Sarada Junior college, Srikakulam, Board of Intermediate Education, Andhra Pradesh (83%)
- ♦ **SSC**, Ramakrishna Residential School, Visakhapatnam, (2000-2001) (81.5%)

WORKING EXPOSURE

DESIGNATION	INSTITUTION	PERIOD
Sr.Gr Assistant professor	Gudlavallooru Engineering College	From June 2016 to till date
Assistant professor	Gudlavallooru Engineering College	From May,2012 to May 2016
Sr.Lecturer &HOD(i/c)	A.A.N.M&V.V.R.S.R Polytechnic, Gudlavallooru	From June 2009- May 2012
Lecturer	Bapatla Engineering College, Bapatla	August 2008 to April 2009
Jr Engineer	B.E,&Billimoria Co Ltd	July 2007 to July 2008

TRAININGS/WORKSHOPS

S.No	Title	Duration	Organizers Details
1	Environmental impact on society	July ,2005	BEC--Bapatla
2	Quality of mix Design	May ,2007	NAC—Hyderabad
3	Training teachers for Excellence	May, 2011	A.A.N.M. & V.V.R.S.R. Polytechnic, Gudlavalleru
4	Global Positioning Systems	September,2011	NITTTR,Chennai
5	Natural Hazards—Role of Civil Engineers	August,2012	GEC,Gudlavalleru
6	Recent Advances in Civil Engineering	September,2012	DMSSVH , Machilipatnam
7	Special Concretes	November,2012	IE(I),Vijaywada
8	Aakash For Education	November,2012	IIT ,Bombay
9	Engineering Mechanics	December 2013	IIT ,Bombay
10	Fluid Mechanics	May, 2014	IIT ,Kharagpur
11	Entrepreneur Technology Programme	February,2015	ISB,Hyderabad
12	Structural Engineering Solutions Using STAAD Pro	May, 2015	VRSEC,Vijaywada
13	ANSYS Applications	June ,2015	GEC,Gudlavalleru
14	Introduction to Structural Engineering	January,2016	IIT ,Kharagpur
15	Outcome based Education	June ,2016	NIT,Warangal
16	Advances in Civil engineering Software	August, 2016	VRSEC,Vijaywada
17	Pre-stressed concrete structures	March,2017	NIT, Warangal
18	Stability Design of Steel buildings	November, 2017	IIT,Madras
19	Advancements in Construction Materials	June,2018	GEC,Gudlavalleru
20	Design of Structures-A Practical Approach	November,2018	GEC,Gudlavalleru
21	Effects of Soil Structure Interaction on structures against static and dynamic loads	February,2020	GEC,Gudlavalleru
21	Civil Engineering Research-A Step Forward	May,2020	GEC,Gudlavalleru
22	Innovations in Civil Engineering	March,2021	GEC,Gudlavalleru
23	FDP Python Programming	August,2021	ECT Academies, IITs & NITs
24	Training Program for Q Leaders on NAAC Accreditation	May ,2022	APSICHE,AP

National conferences/seminars attended:

S.No	Title	Duration	Organizers Details
1	Fire safety in Public Buildings	November,2004	KITS, Warangal
2	Durability Studies on concrete	April,2007	JNTU, Anantapur
3	NCIET	December,2013	GEC, Gudlavalleru
4	Recent Developments in Retrofitting, Repairs and Rehabilitation of Structures	July,2015	GEC, Gudlavalleru
5	COVID19-Innovations in Teaching, Learning and Assessment stratagies”	January,2021	KLU, Vijaywada
6	Seismic behavior of existing elevated water tanks Resting on different type of foundations	September,2021	BEC, Bapatla

PROJECTS

- **P.hD Thesis:** Response of coastal structures in different soil conditions against tsunami forces and studies on associated scouring phenomenon.
- **M.Tech Dissertation :**Response of an Overhead Service Reservoir for dynamic forces considering Soil-Structure Interaction
- **B.Tech Project:** Durability studies on concrete with partial replacement of cement with fly ash and GGBS

PAPERS PUBLISHED

Papers Published in Journals:17

1. **A.H.L.Swaroop, K.Venkateswara Rao, Prof P.Kodanda Ramarao, —”Durability studies on Concrete with Flyash and GGBS”** International Journal of Engineering Research and Applications (IJERA) ISSN:2248-962 www.ijera.com Vol.3, Issue4, Jul-Aug 2013, pp.285-289
2. Phani kumar. V, G.Sai krishna, **A.H.L.Swaroop “Sealing of Sandy soil ponds with claylayer”**, International Journal of Engineering and Innovative Technology (IJEIT), ISSN: 2277-3754, Volume 3, Issue 1, July 2013, pp- 49-52.
3. **A.H.L.Swaroop, K.Venkateswara Rao, Prof P.Kodanda Ramarao, “Experimental Investigations on durability characteristics of concrete developed by using brick powder (bp) and quarry dust”**, International journal of civil engineering and Technology (ijciet) ISSN 0976 – 6308(Print) ,ISSN 0976 – 6316(Online) Volume 6, Issue 1, January (2015), pp. 86-96

- 4.. K.VenkateswaraRao, **A.H.L.Swaroop** ,Dr P.KodandaRamarao **“Study on Strength Properties of coconut Shell Concrete”**,International journal of civil engineering and Technology (ijciet) ISSN 0976– 6308 (Print) ,ISSN 0976 – 6316(Online) Volume 6, Issue 3, March (2015),pp. 42-61
5. K.VenkateswaraRao, **A.H.L.Swaroop** ,K Dhanasri, K Sailaja **“Study On Strength Properties Of Low Calcium Based Geopolymer Concrete”**,International journal of civil engineering and Technology (ijciet)ISSN0976–6308(Print),ISSN0976–6316(Online)Volume6,Issue11,November(2015),pp. 149-155
6. **A.H.L.Swaroop** ,Sk.YajDani,S.R.K.Reddy **“Response of Coastal Structures against Tsunami Forces and Mitigation Measures”**, International Journal of Innovative Research in Science, Engineering and Technology ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710 Vol. 5, Issue 4, April 2016,pp. 5884-5889
7. D.Vaneela ,**A.H.L.Swaroop** ,Sk.YajDani, **“Seismic Behavior of RC Framed Residential Building Considering Soil Structure Interaction”**, International Journal of Civil and Structural Engineering Research ISSN 2348-7607 (Online) Vol. 4, Issue 1, pp: (203-210), Month: April 2016 - September 2016
- 8 G.Vamshi Krishna ,**A.H.L.Swaroop**, **“Strength And Durability Properties Of M30 Grade Of Concrete By Using Fly Ash And Ceramic Wastes”**, International Journal of Informative & Futuristic Research ISSN: 2347-1697, Volume 3 Issue 10 June 2016, Page No. 3881-3892
- 9 P Vamshi Krishna, **A.H.L.Swaroop**, **“Experimental Study on High Strength Self Compacting Concrete Using Nano Silica”** , International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Volume 6,Page No.2685-2689
- 10 PSubhashBhargava,**A.H.L.Swaroop**.**“Comparative Analysis on Response of a School Building against Gravity, Earthquake and Tsunami forces”**, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 05 | May -2017, Page No:1839-1847
- 11 **A.H.L.Swaroop** ,Sk.YajDani,S.R.K.Reddy **“Influence Of Tsunami Induced Scouring Action On Foundation Stability Of Coastal Structures”**International Journal of Civil Engineering and Technology (IJCIET) Volume 9, Issue 7, July 2018, pp. 889–894, **Scopus Indexed Journal**
- 12 **A.H.L.Swaroop** ,Sk.YajDani,S.R.K.Reddy **“Response Of Structures Against Tsunami Forces Under Different Soil Conditions”**ARPN Journal of Engineering and Applied Sciences VOL. 13, NO. 11, JUNE 2018pp 3686-3691 **Scopus Indexed Journal**
- 13 **A.H.L.Swaroop**. P.Kodanda Rama Rao **“COVID’19-A Disaster to Construction Industry”**, Journal of Interdisciplinary Cycle Research ISSN NO 0022-1945, Volume XII, Issue IX,September 2020
- 14 **A.H.L.Swaroop**, Sk.Yazdani,S.R.K.Reddy, **“Response of Coastal structures against Tsunami Forces and its Variation when impact load is Applied on Exterior and Interior Columns under Different Soil conditions”**, ISSN :2277-3878,Volume 8 Issue-5, January 2020.

- 15 **A.H.L. Swaroop**, “**Experimental Investigation on Strength Characteristics by partial Replacement of fine aggregate with Quarry dust & Cement with Flyash in concrete**” International Journal of Advances in Engineering and Management”ISSN:2395-5252,Volume 2,Issue 7,pp 505-509. September 2020
- 16 **A.H.L. Swaroop**,”**Planning, Analysis and Design of Minister’s Head Quarters with STAAD-Pro**”,International Research Journal of Modernization in engineering Technology and science ISSN:2582-5208, Volume 02, Issue-09, September 2020
- 17 **A.H.L.Swaroop**, “**Experimental Investigation Of M35 Grade Standard Concrete By Partially Replacing Natural Fibres, Foundry Sand And Sea Sand**”,Juni Khyat Journal. ISSN 2278-4632, Volume 12, Issue 09, No 01, September, 2022. (UGC Care Journal)

Papers Published in National Conferences/Seminars: 05

1. **A.H.L.Swaroop**,M.U.P.Harshita, “Experimental Investigations on Durability characteristics of concrete with GGBS and Flyash under severe conditions”, National conference on Innovations in Engineering & Technology NCIET 2013ISBN978-1-4276-5484-7,pp446-452. On 27th &28th December 2013at Gudlavalleru Engineering College,Gudlavalleru.
2. **A.H.L.Swaroop**, S.R.K.Reddy,P.K.RamaRao,K.Venkateswara Rao, “Seismic EvaluationandRetrofitting of R.C. Columns using Jacketing technique”, National Seminar on Recent Developments in Retrofitting, Repairs and Rehabilitation of Structures ISBN 978-1-4276-5542-4 pp 12-19 on 11th &12th July 2015 at Gudlavalleru Engineering College,Gudlavalleru.
3. **A.H.L.Swaroop**,D.Vaneela,G.VamshiKrishna,“RetrofittingofReinforcedStructuresusingLowcost Materials”, National Seminar on Recent Developments in Retrofitting, Repairs and Rehabilitation of Structures ISBN 978-1-4276-5542-4 pp 60-72 on 11th &12th July 2015 at Gudlavalleru Engineering College,Gudlavalleru.
4. **A.H.L.Swaroop**, “Diagnosis of Structural Health Conditions of G.E.C Main Building by using Advanced Non-Destructive Techniques” Online International Conference on Advancements andInnovations in Civil Engineering (ICAICE’22),17-18,December,2021, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.(Accepted)
5. **A.H.L.Swaroop** et al “Krishi Rakshan - A New Recommendation System To The Farmer”, International Conference on Intelligent Computing and Control Systems [ICICCS 2022], 25-27, May 2022, Madurai, India.(Accepted)

PATENTS PUBLISHED

1. **A.H.L.Swaroop**, had published an Indian patent on “Experimental Investigation of Partial Replacement of Fine Aggregate by Stuck Stone Dust and Maguni” on 13/05/22.
2. **A.H.L.Swaroop**, had published an Indian patent on “Smart Construction for Composition and building Materials”on 22/07/22

OTHERS

- Scored Gate rank 807 in GATE 2007.
- Scored MAT Score of 74 percentage.
- Scored Rank 35 in AURCET 2013'
- Question Paper Setter for various Autonomous Engineering Colleges
- Examiner for Theory and Labs for JNTUK Examinations and various Autonomous Engineering Colleges.
- College Level Associate coordinator for NAAC from 2022
- Time Table coordinator for the AY 2013-14 & 2014-15
- NAAC department coordinator for 2014 session
- NBA department coordinator for 2016 & 2021
- Student discipline coordinator from 2015 onwards
- Member BOS of Civil Engineering from 2014 onwards
- Department Examination Coordinator from 2019-20 to 2021-22
- Department Budget Coordinator for 2014-17 & 2022 onwards
- Department Programme committee, Advisory committee member from 2014 onwards

Membership in Professional Bodies:

- Member of Institute of Engineers (IE)---M160676-4
- Member of American Society of Civil Engineers (ASCE)
- Member of Indian society for Technical Education

Consultancy activities:

Actively participating in consultancy activities like Material testing, Design of structures, Non Destructive Testing etc for various Public and Private Organizations.

SOFTWARE SKILLS

- *Well versed with AUTOCAD, Staad Pro, SAP, MS Office, Internet and E-mail applications.*

PERSONAL DOSSIER

- **Date of Birth** : 14th November 1985
- **Languages Known** : English (SRW), Telugu (SRW), Hindi (SRW)
- **Nationality** : Indian

DECLARATION

I hereby declare that all the information provided above are true, complete and correct to the best of my knowledge and belief

(Dr A.H.L.SWAROOP)