

CURRICULUM VITAE

OBJECTIVE

To apply and enhance my knowledge, and add value to the institute by surpassing the expected and maintaining the highest level of integrity in the accomplishment of my duties and responsibilities.

PERSONAL DETAILS

Dr. N. R. GOWTHAMI

W/o K Ajay Kumar Reddy

Flat.No-409,

Annamaiah Harivillu Apartment,

Tallapaka-516126,

Rajampet, Annamaiah (Dist)

Nationality-Indian,Hindu

Languages Known-Telugu, English

Can Manage Tamil, Hindi

Date Of Birth-28 October 1990

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EDUCATIONAL QUALIFICATIONS

2025-Continuing,
Post Doctoral Researcher at IIT-Madras

2016-2023
PhD, Civil Engineering, Visvesvaraya Technological University, Belagavi.

2012-2014
M. Tech., Structural Engg., JNTU college of engineering Anantapuramu, 87.6% .

2009-2012
B. Tech., Civil Engg, G. Pullareddy Engineering College, kurnool, Sri krishna Devaraya University, CGPA 8.11/10.0.

2006-2009
State Technical board of Examination, Govt. Polytechnic for women, Palamaneru, 77.6%.

2006
Board of secondary education, Gnanodaya EM & TM Highschool, Madanapalli-73.8%

COMPUTER SKILLS

- ☐ AutoCAD & ArchiCAD
- ☐ STAAD. Pro. (Structural Analysis & Design)
- ☐ ATENA 3D V4 (Finite Element Software)
- ☐ MS Office

PROJECTS

- **Ph.D. Thesis:** Design Management in Construction of Residential Buildings Using TQM Approach
- **M.Tech Project:** Ultimate Load Behaviour of Segmental Composite Slabs (CSIR-SERC, Chennai)
- **B.Tech Main Project:** Design and Estimation of G+9 Storeyed Building Using STAAD.Pro (KCP Projects, Hyderabad)
- Additional mini projects on pervious concrete and structural estimation\

JOURNAL PUBLICATIONS

1. N.R.Gowthami¹, Dr.K.Ramanjaneyulu²,B.Ajitha³ “*Numerical Modelling and Analysis of slabs*” *International Journal For Research & Development in Technology*, Volume: 2, Issue: 4, Oct - 2014 ISSN (Online):- 2349-3585.([HTTPS://WWW.IJRD.TORG/FULL_PAPER/66/11/NUMERICALMODELINGAND-ANALYSISOF-SLABS](https://www.ijrdt.org/full_paper/66/11/NUMERICALMODELINGAND-ANALYSISOF-SLABS))
2. B.Raghunath reddy¹, N.R. Gowthami² “*Effect of fly ash and nano GGBS on the properties of High strength concrete*” VOL-3, ISSUE-12, 484-489 IJMETMR ISSN No:2320 - 3706(Print), ISSN No:2348 - 4845(Online) impact factor:3.554.(IJMETMR 2016 [HTTP://WWW.IJMETMR.COM/O LDECEMBER2016/BRAGHUNATHREDDYNRGOWTHAMI66.PDF](http://www.ijmetmr.com/O LDECEMBER2016/BRAGHUNATHREDDYNRGOWTHAMI66.PDF))
3. M.Venkata sandeep¹, N.R.Gowthami² , Dr.SMV.Narayana³*Evaluate the Mechanical and Durability Properties of Concrete by Using Phosphogypsum and Fly Ash.* IJMETMR ISSN No: 2348 - 4845(Online), volume-4:issue-2, ,:2017impact factor:3.554.([HTTP://WWW.IJMETMR.COM/O LFEBRUARY2017/MVENKATASANDEEPPROFNRGOWTHAMI-6.PDF](http://www.ijmetmr.com/O LFEBRUARY2017/MVENKATASANDEEPPROFNRGOWTHAMI-6.PDF))
4. G.Dileepkumar, N.R.Gowthami, *Effect of rice husk ash on properties of concrete using steel and polyester fibers*, IJMETMR ISSN No: 2348 - 4845(Online), volume-4:issue-1, PG NO:344-349 :2017impact factor:3.554. ([HTTP://WWW.IJETMR.COM/O L JANUARY2017/GDILEEPKUMAR - NRGOWTHAMISMVNARAYANA - TNARESH%20KUMAR-51.PDF](http://www.ijetmr.com/O L JANUARY2017/GDILEEPKUMAR - NRGOWTHAMISMVNARAYANA - TNARESH%20KUMAR-51.PDF))
5. G.Vijaya Lakshmi, N.R.Gowthami *Experimental Analysis of Concrete With the Partial Replacement of Fireclay by Cement And Foundry Sand by Fine Aggregate.* IJAERD 2017 Volume 4, Issue 12, December-2017, Pg 249-301 UGC-44839.([HTTPS://WWW.IJAERD.COM/IN DEX.PHP/IJAER D/ARTICLE/VIE W/4433](https://www.ijaerd.com/INDEX.PHP/IJAERD/ARTICLE/VIEW/4433))
6. G.Chetan Krishna, N.R.Gowthami *Experimental Investigation on Durability Properties of Concrete using Hybrid material (Nano Ricehusk Ash and Nano FlyAsh) as a partial replacement of OPC.* IJAERD 2017 Vol 4, Issue 12, Dec 2017, Pg 109-118, UGC-44839.([HTTPS://WWW.IJAERD.COM/IN DEX.PHP/IJAER D/ARTICLE/VIE W/4367](https://www.ijaerd.com/INDEX.PHP/IJAERD/ARTICLE/VIEW/4367))
7. G.Pavankumar, N.R.Gowthami *Experimental Investigation on Mechanical Properties of Self Compacting Concrete by Partial Replacement of FlyAsh and GGBS*, IJAERD 2017 Vol 4, Issue 9, August 2017, Pg 557-564, UGC-44839.([HTTPS://WWW.IJAERD.COM/IN DEX.PHP/IJAER D/ARTICLE/VIE W/3718](https://www.ijaerd.com/INDEX.PHP/IJAERD/ARTICLE/VIEW/3718))
8. M.Jagadeesh, N.R.Gowthami, *Experimental investigation on durability properties of self compacting concrete by partial replacement of fly ash and GGBS*, IJAERD 2017 Vol 6, Issue 8, August 2017,Pg:3010-3015 UGC-44839. [HTTPS://IJCRT.O RG/PAPERS/IJCRT1704404.PDF](https://ijcrt.org/papers/IJCRT1704404.PDF).
9. M.Anusha, N.R.Gowthami, *Experimental investigation on the mechanical properties of concrete by partial replacement of cement with flyash and kadapa stone dust*, IJAERD 2017 Vol 4, Issue 12, December 2017, PG 437-447 UGC-44839. ([HTTPS://WWW.IJAERD.COM/IN DEX.PHP/IJAER D/ARTICLE/VIE W/4452](https://www.ijaerd.com/INDEX.PHP/IJAERD/ARTICLE/VIEW/4452))

10. J.Mounika¹, N.R. Gowthami², *Experimental Investigation on Portland Pozzolana Cement Concrete by Partial Replacement of Fine Aggregate with Ceramic Waste and Quarry Dust*. January 2018, IJIRT, Volume 4 Issue 8, Pg:334-340 ISSN: 2349-6002.([HTTPS://WWW.IJIRT.ORG/MASTER/PUBLISHEDPAPER/IJIRT145291_PAPER.PDF](https://www.ijirt.org/Master/PUBLISHEDPAPER/IJIRT145291_PAPER.PDF))
11. Dr.SMV.narayana¹ K.Abdul Bavaji², N.R.Gowthami³ *experimental investigation on light translucent concrete by using stone powder & ggbs as partial replacement of cement*. Journal of Applied Science and Computations Volume5, Issue9, PG 638-643.([HTTPS://J-ASC.COM/INDE X.PHP/VOLUME -5-ISSUE-9- SEPTEMBER-2018/](https://jasc.com/index.php/volume-5-issue-9-september-2018/))
12. T.Naresh kumar Basireddy Narendra reddy, N.R.Gowthami, *Experimental investigation on durability properties of portland pozzolana cement concrete by using ceramic waste and quarry dust as partially replacement of fine aggregate* 2018/9, JETIR Volume5, Issue-9, Pg 510-520.([TTPS://WWW. JETIR.ORG/PAPE RS/JETIR180938 5.PDF](https://www.jetir.org/papers/JETIR1809385.PDF))
13. Y. Sree Ramulu, K. Nagendra Reddy, N. R. Gowthami, T. Naresh Kumar, *Experimental investigation on durability properties of concrete by using phosphogypsum and flyash*, 2018 International Journal of Scientific Research and Review, Volume-8, Issue-3, pg 2541-2545.([HTTPS://WWW.IJRTE.ORG/WPCONTENT/UPLO ADS/PAPERS/V8 I3/C4726098319 .PDF](https://www.ijrwrte.org/wp-content/uploads/papers/v8i3/C4726098319.PDF))
14. NR Gowthami, A Sivaji, K Ajaya Kumar Reddy, *Geopolymer bricks by using Flyash, GGBS, Silica fume and kadapa slab dust*, IJRTE, ISSN-2278-3878, Volume-8, Issue-3, 2019.
15. NR Gowthami, CNV Sridhar, NV Ramana, *An empirical implementation model of total quality management in construction: Southern India*, International Journal of Construction Management, DOI: 10.1080/15623599.2020.1839703.2020, Volume-22, Issue-15, Pg 3023-3033,([TTPS://WWW. TANDFONLINE. COM/DOI/FULL /10.1080/15623 599.2020.18397 03](https://www.tandfonline.com/doi/full/10.1080/15623599.2020.1839703))
16. NR Gowthami, K Ajaya Kumar Reddy, *Assessment of domestic water quality supplied from Annamaiah project to Rajampet town*, JETIR, Vol-9, Issue-5, pp705-709, 2022.([TTPS://WWW. JETIR.ORG/PAPE RS/JETIR220589 1.PDF](https://www.jetir.org/papers/JETIR2205891.PDF))
17. Bhavani, NR Gowthami, T Naresh Kumar, *An experimental Investigation on durability properties of concrete by partial replacement of cement with different types of slags*, PENSEE, ISSN 0031-4713, Vol-51, Issue-2, pp79-88, 2021.
18. D Obulesu, NR Gowthami, T Naresh Kumar, *A Comparative investigation on mechanical properties of different types of slags in partial replacement with cement for M30 grade concrete*, Vol-51, Issue-2, pp127-141, 2021, PENSEE International.
19. A Sunil kumar, NR Gowthami, B Raghunatha Reddy, *An experimental investigation on mechanical properties of Geopolymer concrete by using GGBS, Granite powder, marble powder*, Vol-8, Issue-9, 2021, Pg 1-11, GIS Science Journal.([TTPS://DRIVE. GOOGLE.COM/F ILE/D/1V0ENWYQ631HTOZ VTVTUDS9H6H D8GOYE/VIEW](https://drive.google.com/file/d/1V0ENWYQ631HTOZVTVTUDS9H6HD8GOYE/view))
20. S Khasif Rehman, NR Gowthami, B Raghunatha Reddy, *An experimental investigation on mechanical properties of Geopolymer concrete by using Silica fume, mildsteel slag and GGBS*, Vol-8, Issue-9, 2021, GIS Science Journal.PP:87-100.([TTPS://DRIVE. GOOGLE.COM/FILE/D/17BQ6CD7FO7T8Z QKW5BRPH61PUUPF64/ VIEW](https://drive.google.com/file/d/17BQ6CD7FO7T8ZQKW5BRPH61PUUPF64/view))
21. NR Gowthami, K Ajaya Kumar Reddy, B Raghunatha Reddy *Performance of opc mortars partially replaced by kadapa slab, marble and barites powder against chemical impact*, Vol-

12, Issue-10, Pg(4036-4044), EUROPEAN CHEMICAL BULLETIN, 2023, ([HTTPS://WWW. EURCHEMBULL. COM/UPLOADS /PAPER/48AB6E 3D6DA8717E57 0DF2567B269FB 6.PDF](https://www.eurchembull.com/uploads/paper/48AB6E3D6DA8717E570DF2567B269FB6.PDF)).

22. Dr D Ghouse peera, Dr Bhavani, NR Gowthami, An investigation of the biomedical waste ash on cement mortat bricks Vol-12, Issue-10, Pg(5289-5295), EUROPEAN CHEMICAL BULLETIN, 2023,(TTPS://WWW. EURCHEMBULL. COM/UPLOADS /PAPER/CC9F2E F28EF2F930598 2ECE81C166D8 C.PDF).

CONFERENCES

1. NR Gowthami and Ajaya Kumar Reddy K “A Graphical User Interface for Mix Design of Standard Concrete” communicated to, 2nd International conference on Developments in Sustainable Materials, Infrastructure, Manufacturing and Energy Engineering (ICDSMIME-2024) held during 13-14 December, 2024 at Chaitanya Bharathi Institute of Technology, Hyderabad, India.
2. Dr S D Prabu Ragavendiran, NR Gowthami, Gayathri C, D.Ramya, D. Padmapriya, S.V.SujiAparnaA Novel Dual Temporal Channel Convolutional Network with Exponential Distribution Optimizer for Satellite Image Classification with Google Earth Engine, submitted to 4th International Conference on Ubiquitous Computing and Intelligent Information Systems(ICUIS 2024) and published in IEEE preceding’s.
3. Fahimuddin Shaik, SHAIK KARIMULLAH , KUMBALA PRADEEP REDDY and NR Gowthami, Optimizing Image Quality and Information Content with NSCT -PCNN Fusion for Medical and Remote Sensing Image submitted to 2024 Intelligent Systems and Machine Learning Conference (ISML) and published in IEEE preceding’s

BOOK CHAPTERS

1. N.R.Gowthami¹, Dr.K.Ramanjaneyulu², K AJAYA KUMAR REDDY³ “*Ultimate Load Behaviour of Segmental Composite Slabs*” *Recent Advances in Material Sciences,lecture notes on multidisciplinary industrial engineering.*, ICLJET-2018, Pg 159-175. © Springer Nature Singapore Pte Ltd. 2019,https://doi.org/10.1007/978-981-13-7643-6_13.

PROFESSIONAL EXPERIENCE

- **Head of Department**, Civil Engineering, Annamacharya University (From July 2025 – Present)
- **Assistant Professor**, AITS Rajampet (Since December 2014)
- **Ratified Faculty**, JNTUACEA (Since 2016)
- **NAAC Coordinator**, Autonomous Cell Coordinator, BOS Internal Member, IQAC Member
- **UG Coordinator**, Departmental Advisory Board Member, Women Empowerment Cell (2022–2025)
- **External Lab Examiner** at RGM, GPREC, Aditya, etc.
- **Question Paper Setter** for JNTUA, NBKR, MREC, etc.
- **Project Guidance:** 16 PG & 72 UG projects

STRENGTHS

- Self-motivated and adaptive
- Strong organizational and team management skills
- Efficient and smart work ethics

CORE TEACHING AREAS

- Structural Analysis
- Design of RCC and Steel Structures
- Strength of Materials
- Concrete Technology
- Engineering Mechanics
- Advanced RCC Design
- Building Planning and Drawing

DECLARATION

I hereby declare that all the above details are true to the best of my knowledge and belief.



[Dr N.R.GOWTHAMI]

Date: 05 July 2025.

Place: Rajampet.