

CURRICULAM VITAE

Mightraj Chandran,

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Telangana.

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OBJECTIVE

- A young, dynamic, result-oriented, and productive graduate of civil engineering with teaching and analytical skills.
- I am a fast learner and an open-minded team player who is passionate about pursuing a career in academia, with the hope of making significant and enormous contributions through my teaching skills.
- To hold responsible position in an institution and to discharge and improve my knowledge for the development of the institution.

EDUCATIONAL PROFILE

M.Tech (Structural Engineering)

Karunya University, Coimbatore, Tamil

Nadu -641114 Year of passing: May, 2010

Marks (%): 69

Thesis Title: A Study on Behaviour of RCC Shear Wall Subjected to Seismic Forces in Multi-story Building Frames

Software used: ETABS

B.E. (Civil Engineering) Karunya

University, Coimbatore, Tamil Nadu -

641114 Year of passing: May, 2008 Marks

(%): 59

COMPUTER KNOWLEDGE

- Design Software's STAAD Pro, SAP, ETABS, Tekla
- MS office application (MS word, Excel, PowerPoint)
- Typing known in Tamil and English languages
- Auto CAD in 2D and 3D
- REVIT Architecture (persuing)
- Canva based Graphic Designing (Certificates, Brochures, Invitation, Flyers)

AREAS OF INTEREST

Teaching software courses like AutoCAD, SAP 2000, ETABS, STAAD pro, REVIT architecture

PROFESSIONAL EXPERIENCE

| Sl No | Position held | Institute name | Time period |
|--------------|----------------------|--|----------------------------|
| 1 | Assistant Professor | PSN Engineering college, Melathediyoor, Tirunelveli district, Tamil Nadu-627451 | April, 2010-April, 2019 |
| 2 | Lecturer | Mai Nefhi College of Engineering and Technology, North East Africa, Asmara, Eritrea-1276 | April, 2019- Feb, 2024 |
| 3 | Assistant Professor | J.P Engineering College, Tenkasi, Tenkasi District, Tamil Nadu -627852 | July, 2024- Dec 2024 |

SUBJECTS HANDLED

Theory

Undergraduate

- Strength of materials I and II, Mechanics of solids, Construction techniques, Structural analysis I & II, Design of RC Elements, Pre-stressed concrete structures, Engineering Mechanics, Design of steel structures, Fluid Mechanics, Total Quality Management

Postgraduate

- Finite element analysis, Concrete structures, Advanced concrete technology, pre-stressed concrete in ME Structural.

PRACTICALS

Undergraduate

- Concrete and highway engineering, AutoCAD, Strength of materials, Hydraulics Engineering

Postgraduate

- Advanced Structural engineering (ME Structural).

PROJECTS GUIDED

Acted as PG course guide for the following students' projects:

1. Analytical and Experimental Investigation on 'Coir fibre added in concrete'
2. Flexural behaviour of self-curing concrete with partial replacement of fine aggregate by quarry dust and adding polyethylene glycol
3. Strength and economic characteristics of Geo Polymer Concrete using M-Sand and Fibers
4. Experimental Investigation in developing low-cost concrete from paper industry waste with lathe waste Flexural behavior of RC beam with welded mesh as shear reinforcement
5. Experimental study of bamboo reinforcement in different concrete
6. Finite element analysis of plates subjected to flexure
7. Flexural behaviors of reinforced concrete beam using granite industrial waste
8. Comparison of RCC beam and fiber reinforcement concrete using various admixtures
9. Behaviour of hybrid fibre reinforced high performance concrete under direct shear
10. Design and construction of a four storeyed college building in Eritrea Institute of

Technology, Eritrea

11. Design and analysis of a steel roller coaster in Eritrea
12. Experimental investigation on light weight concrete using pumice aggregate and sawdust

MEMBERSHIP OF PROFESSIONAL BODIES

- Life member of International Association of Engineers (IAENG)

FACULTY DEVELOPMENT PROGRAMME

- Participated in the International Webinar on “Precast Construction” organized by Indian Concrete Institute, Coimbatore Centre in association with Association of Consulting Civil Engineers on 20th September 2024
- Has attended a 5 days online Faculty Development Program (FDP) on “Advanced Materials and Techniques For The Repair And Strengthening of Concrete Structures (AMRTC’24)”, RVR & J.C College of Engineering, Guntur from 23-09-2024 to 27-09-2024
- Attended 10 days online National Level Workshop on “How to write and get your Research Paper Published” from 20-09-2024 to 30-09-2024.
- Participated in the IEI Technical Webinar on “Resilient Geosynthetic Solutions to Counter Soil Erosion” organized by The Institute of Engineers on 7-10-2024
- Has attended a 5 days online Faculty Development Program (FDP) on “Recent Innovations & Upcoming Trends in Research for Civil Engineering” Sandip Institute of Engineering and Management, Nashik from 21-10-2024 to 25-10-2024

CONFERENCES AND WORKSHOPS ATTENDED

- Attended National Level Technical Symposium ‘CARVE-07’ at Sona College of Engineering, Salem on March 30, 31, 2007 and got “First prize” in paper presentation.
- Participated in National conference on ‘Application of GIS in Civil Engineering’ in Karunya University, Coimbatore.
- Attended a one-day workshop on ‘Design of steel structures as per the revised code IS800:2007’ at Karunya University, August 2008.
- Attended a one day workshop on ‘Earthquake Resistant Structures’ at VLB Janaki Ammal College of Engineering & Technology, Coimbatore.
- Attended a National Symposium for Post Graduate Students program and presented a paper on the topic “A Study on Behaviour of RCC Shear Wall Subjected to Seismic Forces in Multi-storied Building Frames” at PSG college of technology, Coimbatore.
- Participated in International Conference on ICAMB 2009, Dec 14-16, 2009, VIT University,

Vellore

- Attended Indian Geotechnical Conference – 2010, GEOtrendz December 16–18, 2010 IGS Mumbai Chapter & IIT Bombay and presented a paper on the topic “A Study on Behaviour of RCC Shear Wall Subjected to Seismic Forces in Multi-storied Building Frames”

SESSIONS/SYMPOSIA CHAIRED OR ORGANIZED

- Organizer and convenor of national level technical symposium ‘ROCKFEST 2011’ at PSN Engineering College, Tirunelveli.
- Organizer and convenor of national level conference ‘ROCKFEST 2012’ entitled “Innovation on concrete technology” at PSN Engineering College, Tirunelveli
- Organizer and convenor of national level technical symposium ‘ROCKFEST 2013’ at PSN Engineering College, Tirunelveli.
- Organizer and convenor of national level technical symposium ROCKFEST 2015 entitled ‘Recent trends on concrete technology’ at PSN Engineering College, Tirunelveli.

CO-ORDINATOR

- Association Co-Ordinator (Symposium, conference, workshop and seminar)
- Software course incharge (SAP, ETABS, STAAD pro)
- Sports Co-Ordinator (Inside campus and outside campus)
- Cultural Co-Ordinator (Inside campus and outside campus)
- Discipline Committee
- Sports day and Cultural day (Prize distribution, Stage arrangement and Sitting arrangement)
- PG Courses in-charge (Structural Engineering)
- Industrial visit (Near site and company visit)
- ISO work File (Both UG and PG Course)
- File Maintenance
- Class advisor (Both UG and PG Course)
- Exam co-ordinator (Internal exam and semester exam)
- Hostel warden
- Scholarship In-charge
- NAAC Criteria (Criteria 5) In-charge
- Sports Co-Ordinator
- ED (Entrepreneurship Development) Cell Co-ordinator
- Training and Placement cell In-charge
- Internship Activity Coordinator

Appreciation received

For contribution to NAAC accreditation of J.P. College of Engineering, Tenkasi, Tamil Nadu

RESEARCH PUBLICATIONS:

Anand, N., Mightraj, C., Prince Arulraj, G. 2010. Seismic behavior of RCC shear wall under different soil conditions. In Proceedings of the Indian Geotechnical Conference-2010 on GEOTrendz held on Dec 16-18, 2010, IGS Mumbai, Chapter & IIT, Bombay.

PERSONAL DETAILS:

Name : Might Raj Chandran
Date of birth : 12-05-1986
Gender : Male
Father's name : (Late) J.Chandran
Languages Known : Tamil and English
Hobbies : Playing cricket, singing and listening to music

DECLARATION:

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

Place:

Hyderabad

Date:24-12-2024.

(MIGHTRAJ CHANDRAN)