

# Deepika Dave

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## OBJECTIVE

To inspire, engage, educate and empower the young generation to foster their spirit for maximum productivity for the nation is a desire of a dedicated individual with proven leadership and management skills

## EDUCATION

- **Bachelor of Science in Civil/Structural Engineering**  
UNC – the University of North Carolina at Charlotte, NC

May 2015

## EXPERIENCE

**Founder and President,** Rising Ambitions of Young Society, A 501(c)(3) Non-profit Organization regd. in the State of North Carolina, May 2019- Present

- Distributed more than 1800 PPE kits in India and in the USA in North Carolina and South Carolina in 2020 during the Pandemic COVID-19
- Led financial literacy workshops in Chalrlotte to develop savings, consuming, and investing habits to help the young men and girls to have the necessary life skills to negotiate key life decisions.
- Provided consultation to eliminate discrimination and violence against women across religion and ethnicity to ensuring the voices of women across the marginalized community,
- Ran youth-led campaigns and strengthen their capacity to make gender equality in lived reality.
- Conducted international webinars to educate, engage and empower youth on financial literacy, gender equality, and drug awareness but soon waiting to conduct in-person workshops, seminars, campaigns.

**President/Small Business owner,** Deep Enterprise of Lexington.Inc., 2006-Present

- Founded , managed and operated convenience stores with Shell branded gas station business along with operating a franchise restaurant of Subway successfully prospecting for new business, cultivating and maintaining relationship marketing and sales efforts, and managing and training personnel.
- Managed the sales of 4.2 M annually
- Managed general operations; own business process and planning for franchise sector
- Maintained partnerships with business management across the company
- Demonstrated strong leadership capabilities in strategy development, implementation, and execution
- Analyze market size, competitive market landscape and other information from all sources and develop strategies to improve sales, decrease cost levels and increase market share for all product lines
- Prepared annual operation and administrative budgets for the fiscal year; processed payroll while monitoring and tracking financials for each expense account administers the buildings & grounds budget, including utilities, renovation and contract services.
- Conducted the leasing of space and provide on-site event management to clients needs

**Project Manager,** AP Architecture, Charlotte NC

**Project: HOME 2, Hilton Worldwide, Charlotte, NC**

**Project: Candlewood Suites, Intercontinental Hotel Group, Bensalem, PA**

**Project: Hilton garden Inn, Hilton Worldwide, Charlotte, NC**

**Project: Raleigh Convenience Store, Raleigh, NC**

- Successfully finished the architectural Designs of Hotels, Motels, Residential, Commercial buildings and Townships using AutoCAD and Revit
- Managed all phases of projects, including project set-up, programming, design, and construction administration
- Coordinated internal and external consultants and team members
- Client-focused, relationship driven, and work with the clients best interest
- Got permits from concerned authorities and handled follow up procedures
- Responsible for Construction Site visits

## INTERNSHIP EXPERIENCE

**Research Assistant**, Department of Civil Engineering, UNCC, September 2013- May 2015

**Project: Sorption Evaluation of Ash Basin Closure (Duke Energy)**

- Performed Batch tests, cylinder tests and column tests for soil samples from each ash ponds
- Made synthetic water using different chemicals and to check pH and alkalinity after titrating to replicate it to ground water

**Project: Research on Leachate Control of Coal Fly Ash through Hydrophobicity and Contaminant Fixation (Duke Energy)**

- Prepared test specimens using standards of ASTM- American Society of Testing Materials
- Performed Tank Leaching Tests, Compression tests using UTM- Universal Testing Machine, pH tests for fly ash with different contents of different materials adopting ASTM for soil stabilization
- Analyzed data using excel and Origin Pro 8

**Project: NCDOT (Bridge Management System)**

- Assisted a Ph. D student and prepared conclusions on literature published on the research on infrastructure and sustainable systems

## PUBLICATION

### Civil and Environmental Engineering Departmental Award Winner

The leaching analysis to stabilize and sequester the halides from wastewater to create solids suitable for landfill disposal- April 2015 at (Undergraduate Research Conference) URC-2015 in partnership with Charlotte Research Institute held at University of North Carolina at Charlotte

## CERTIFICATES

- Certificate – Specialization in Computer-Aided Design/Drafting, Central Piedmont Community College (CPCC)
- Engineering Graphics (Advanced AutoCAD), York Technical College
- Diploma in AutoCAD
- Microsoft Certified Professional (MCP)

## DESIGN CODES, COMPUTER SKILLS, OTHER SKILLS

- Design Codes : ACI 318, AISC, Steel Manual, AASHTO, ASCE 7-10, Indian Standards
- Design and Analysis Software : Origin Pro 8, SAP2000, Revit, HSS
- Application tools : Microstation, AutoCAD, Photoshop, MS Office(Word, Excel, PowerPoint, Outlook),
- Autodesk Inventor 2009, MS Windows, Networking (installing, configuring, and troubleshooting, 3D Studio Max, Corel Draw, Adobe Photoshop)
- Designing layouts, land development, zoning.
- Building permits, approvals from concern authorities

## WEBSITE

[www.raysglobalfoundation.org](http://www.raysglobalfoundation.org)

**Social media pages**

<https://www.facebook.com/RAYSGLOBALFOUNDATION>

<https://www.facebook.com/deprivedwomensupport>

## AFFILIATIONS

- Associate Member- American Institute of Architects
- Member- ASCE Student Chapter
- Member- Sigma Alpha Lambda,(National Leadership and Honors Organization) Charlotte, NC
- Member- PEATA(Practicing Engineers, Architects and Technicians Association), Mumbai

## REFERENCES

Carolyn Logan, NC State House Representative, Dist 101- 980-939-3535

Dr. Nini Bautista, Nuclear Scientist(Ret.), UN/IAEA Vienna- 704-999-4597

Dimple Ajmera Council Woman At-Large 704-956-7114