

# Happenin's in the 'Hood



Pranam Joshi, P.E.

NCS' Pranam Joshi recently added P.E. after his name. P.E. stands for Professional Engineer and is a legal term for someone who is

licensed and certified to sign and seal or "stamp" engineering documents. Though the initials are short, the process to become a licensed P.E. is long and requires a graduate degree in engineering, completion of several written exams and accumulation of engineering experience.

## What is your current job?

I am Hydraulic Modeling Team Leader and Project Leader with NCS. I am responsible for hydraulic, water quality modeling related projects as well as value-added analysis such as Genetic Algorithm computations and software-based engineering analysis. Typically, I manage most of the modeling and computer related projects across the country.

## Why did you choose to become an engineer?

I chose engineering because I felt inclined towards it. My undergraduate studies were in India and the system there is merit-based that lets you choose the discipline and school to attend.

## What prompted you to get a Professional Engineer's license?

I wanted a P.E. so that I could take responsibility for my own work. Having

a Professional Engineer's license gives me a sense of accomplishment and allows me to grow professionally, as well as personally.

## My biggest professional role model?

I try to learn as much as I can from everyone. I have always been blessed to have good role models for achieving different things in life. My current manager, Ramesh, is an excellent role model to demonstrate how brilliance, perseverance, dedication and positive outlook can help you achieve the best rewards in life. My previous manager, Jack, essentially showed me how to progressively give responsibilities to those working with you and empower them, which in turn helps you succeed as a good manager.

## My proudest engineering accomplishment?

Developing solutions for utility operations using advanced genetic algorithm techniques and seeing their implementation in the field is by far the most satisfying experience.

## What I consider to be the greatest engineering feat?

I am a water guy so I cannot say anything else but Bernoulli's work. His basic equation to relate elevation, pressure and velocity in fluid dynamics forms the basis of the entire field and in my opinion is still one of the biggest engineering feats without which the entire water/wastewater modeling field would not exist.

## Rio Rancho Office:

### Support Your Local K9

When President Ramesh Narasimhan became aware of the challenges for K9 training units in Rio Rancho, NM through his work with Evan Anderson, Vice President at Bradbury Stamm Construction, the need struck a chord. Along with Bradbury Stamm Construction, NCS has become a supporter of the National Police Dog Foundation in an on-going drive to raise awareness and funds.

There is an increasing need for

intelligent, courageous and well-trained Police Dogs. Across the country, K9s work day and night protecting our neighborhoods, schools and work places. It costs approximately \$21,500 plus veterinary care, maintenance training, food and care to have one K9 on a police force.

If you would like more information about this worthwhile cause and how you can contribute, please contact Alyse Walton, Alyse@ncseng.com, for more information or go to National PoliceDogFoundation.org.

## President's Corner

# Reflections

Each year on Earth Day, I am reminded of a story that I heard even before the words, "green" and "carbon-footprint" came to mean something besides a frog on Sesame Street or atom-sized foot impressions.

A man was walking along a road, he saw another man planting a carob tree. The first man asked, "How long will it take for this tree to bear fruit?" "Seventy years," replied the second man. The first man asked, "Are you so healthy a man that you expect to live that length of time and eat its fruit?" The second man answered: "I found a fruitful world because my ancestors planted it for me. Likewise, I am planting for my children."

Though we have barely begun to see the effects of global warming, it is a problem that future generations will inherit. By taking steps in our own lives to reduce carbon emissions, we can ensure a better world for our children.

Keep it flowing!

Ramesh Narasimhan, P.E.  
President

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**National  
Police Dog  
Foundation**