

# Dr. B.D.C.N.Prasad



**Designation** : Professor  
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**Contact at** : #409A, Department of Computer Applications  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Applied Mathematics)

1984, Andhra University, Visakapattanam

### M.Tech (Information Technology)

2013, Department of Computer Science and Systems Engineering, Andhra University, Visakapattanam

### M.Sc (Applied Mathematics)

1979, Andhra University, Visakapattanam

## Experience

| Period                      | Designation                              | Institution / Organization                            |
|-----------------------------|--|---|
| 2019-Till Date              | Professor                                | Velagapudi Ramakrishna Siddhartha Engineering College |
| 07-07-2016 to<br>02-12-2016 | Professor                                | KL University   |
| 2010-2015                   | Professor                                | PVP Siddhartha Institute of Technology                |
| 2009-2010                   | Professor                                | Velagapudi Ramakrishna Siddhartha Engineering College |
| 2005-2007                   | Associate Professor                      | Velagapudi Ramakrishna Siddhartha Engineering College |
| 1996-2004                   | Senior Assistant<br>Professor            | Velagapudi Ramakrishna Siddhartha Engineering College |
| 1987-1996                   | Lecturer<br>(Now Assistant<br>Professor) | Velagapudi Ramakrishna Siddhartha Engineering College |
| 16-08-1987 to<br>05-12-1987 | Lecturer<br>(Now Assistant<br>Professor) | Regional College of Education, Mysore (NCERT)         |

## Research Interests

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### Broad Area of Research :

- Boundary Value Problems, Soft Computing, BioInformatics, Mechine Learning

## Honors and Awards

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- SSRN RESEARCH AWARDS 2020- **Lifetime Achievement Award** ( IJIEMR-ELSEVIER )

## Courses Taught

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- Soft Computing
- Artificial Intelligence
- Probability and Statistics
- B.Tech Mathematics all
- M.Tech (Microwave Engineering)-Numerical Methods in Electro-Magnetics
- Boundary Value Problems (M.Sc- Applied Mathematics)
- Differential Equations(M.Sc- Applied Mathematics)

## Research Profile

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### Publications

The recent publications and research contributions can be viewed from the following URLs

|                |   |
|----------------|---|
| Google Scholar | <a href="https://scholar.google.com/citations?hl=en&amp;user=KEtLrxAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=KEtLrxAAAAAJ</a> |
|----------------|---|

### Recognized Research Supervisor

| S.No. | Department                       | University  |
|-------|----------------------------------|---|
| 01.   | Mathematics                      | Acharya Nagarjuna University, Guntur                |
| 02.   | Mathematics                      | Jawaharlal Nehru Technological University, Kakinada |
| 03.   | Mathematics                      | Dravidian University, Kuppam                        |
| 04.   | Mathematics                      | NIT, Warangal (Co- Supervisor)                      |
| 05.   | Computer Science and Engineering | Rayalaseema University, Kurnool                     |

## Patents

|           |     |
|-----------|-----|
| Granted   | NIL |
| Published | 01  |
| Applied   | 01  |

## Invited Talks

|                      |    |
|----------------------|----|
| No. of Invited Talks | 07 |
|----------------------|----|

## Professional Service / Reviewer

- **Reviewer**

1. IEEE journal of Biomedical and Health Informatics
2. Journal of Intelligence Systems, **DE GRUYTER, Germany**
3. Proceedings of the Second International Conference on Computer Science Engineering and Applications  
(**ICCSEA 2012**), **May 25-27, 2012, New Delhi**  
**SPRINGER**, Advances in Intelligence and Soft Computing Series
4. **1<sup>st</sup> International Conference on Roughsets and Knowledge Technologies -2014**,  
**JNTUH, Hyderabad, 9-11, November, 2014, ELSEVIER**
5. National Conference on Roughsets and Knowledge Discovery, **CVR College of Engineers, Hyderabad,**  
**9-11, November, 2015**
6. International Journal of Soft Computing, Artificial Intelligence and Applications  
(**AIRCC, 2012**)

- **Editorial Board Member**

1. Healthcare Informatics: An International Journal
2. International Journal of Game Theory and Technology (**IJGTT**)
3. International Journal of Chaos, Control, Modelling and Simulation, (**IJCCMS**)

- **Chaired Technical Sessions:**

International Conferences -06

National Conferences -06

## Professional Development Activities - Participations

|  |         |
|--|---------|
| Faculty Development and Training Programmes<br>(at least 5 Days) | 08      |
| International / National Level Seminars                          | 04 / 18 |
| International / National Level Conferences                       | 16 / 09 |
| Workshops  | 36      |
| Instructor Led / Self-Paced Courses                              | 00      |
| Webinars   | 02      |

## Professional Bodies Membership Details

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|                           |   |
|---------------------------|---|
| 92204586                  | Institute of Electrical and Electronics Engineers (IEEE)    |
| L608                      | Indian Society of Theoretical and Applied Mechanics (ISTAM) |
| LM9929                    | Indian Society for Technical Education (ISTE)               |
| National Executive Member | Indian Society for Rough Sets (ISRS)                        |
| LM635                     | Andhra Pradesh Society for Mathematical Science (APSMS)     |
| LM 914                    | Ramanujam Mathematical Society                              |

### International Technical Committee

- Technical Committee Member in Soft Computing IEEE-Systems, Man Cybermatics Society (SMCS)
- IEEE-EMBS (Engineering in Medicine and Biology Society) Technical Community Member in Biomedical and Health Informatics(BHI)
- Biomedical Imaging and Image Processing(BIIP)

### Membership in Research Groups

1. Soft Computing and Image Analysis Lab
2. IEEE Region8 Professional Activities
3. Swarm Intelligence
4. JNTUK MATHS
5. Bioinformatics Computing
6. IEEE Computer Society Members
7. European Society for Fuzzy Logic and Technology(EUSFLAT)
8. Artificial Neural Networks
9. The IBM Watson Group(AI, Cognitive Solutions and IOT)
10. IBM Big Data and Analytics
11. ACM Members
12. Global Engineering Education Excellence
13. IEEE SMCS TC on Soft Computing Open Discussion
14. Artificial Intelligence
15. Springer Nature Network
16. Fuzzy Logic Scientists

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