

**Government College, Nedumangad**  
**Department of Computer Science**



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Name : Dr BINDULAL T.S.

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Designation : Assistant Professor in Computer Science  
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Qualification : M.Sc. Computer Science  
Ph D Computer Science

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Course Passed : (1) B. Sc. Computer Science (82%, 2000)  
First Class with Distinction  
(2) M. Sc. Computer Science (83 %, 2002)  
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(3) Ph. D Computer Science (2009)  
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Experience : (1) Assistant Professor,  
Govt. College, Nedumangad  
From 09/03/2017 onwards  
(2) Higher Secondary School Teacher  
Govt. HSS, Mylachal, Trivandrum  
From 20/06/2007 To 08/03/2017

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**List of Papers Published**

**1. Performance analysis of modified wavelet difference reduction methods in image compression and transmission**

International Journal of ADVANCED AND APPLIED SCIENCES

2023-10 | Journal article

DOI: [10.21833/ijaas.2023.10.025](https://doi.org/10.21833/ijaas.2023.10.025)

Part of ISSN: [2313-626X](https://www.issn.org/issn/2313-626X)

Part of ISSN: [2313-3724](https://www.issn.org/issn/2313-3724)

CONTRIBUTORS: T. S. Bindulal

**2. Compression Analysis of Hybrid Model Based on Scalable WDR Method and CNN for ROI-based Medical Image Transmission**

International Journal of Advanced Computer Science and Applications

2023-09-30 | Journal article

DOI: [10.14569/ijacsa.2023.0140914](https://doi.org/10.14569/ijacsa.2023.0140914)

Part of ISSN: [2156-5570](https://doi.org/10.14569/ijacsa.2023.0140914)

Part of ISSN: [2158-107X](https://doi.org/10.14569/ijacsa.2023.0140914)

CONTRIBUTORS: Bindulal T.S

**3. Object Coding using a Shape Adaptive Wavelet Transform with Scalable WDR Method**

2007 IEEE International Conference on Image Processing

2007 | Conference paper

DOI: [10.1109/icip.2007.4379158](https://doi.org/10.1109/icip.2007.4379158)

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**4. A hybrid scheme based on wavelet transform, SVD and WDR method for medical images**

IET International Conference on Visual Information Engineering (VIE 2006)

2006 | Conference paper

DOI: [10.1049/cp:20060528](https://doi.org/10.1049/cp:20060528)

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**5. Adaptive scalable wavelet difference reduction method for efficient image transmission**

Lecture Notes in Computer Science

2006 | Book Chapter/Journal article

WOSUID: [WOS:000244671700063](https://www.wosid.org/000244671700063)

CONTRIBUTORS: Bindulal, T. S.; Kaimal, M. R.

**6. Adaptive Scalable Wavelet Difference Reduction Method for Efficient Medical Image Transmission**

TENCON 2006 - 2006 IEEE Region 10 Conference

2006 | Conference paper

DOI: [10.1109/tencon.2006.344068](https://doi.org/10.1109/tencon.2006.344068)

CONTRIBUTORS: T.S. Bindulal; M. R. Kaimal

**7. Embedded WDR Algorithm with Selective Region Growing for Dicom Images**

TS Bindulal, MR Kaimal

Proc. Of the 3rd Workshop on WCVGIP, 30-35