**Curriculum Vitae**

**Name :** Mr. Prasannajit Dash

**Date of Birth :** 11th January 1973

**Sex :** Male

**Address for Communication :** S/o – Er. Purna Chandra Dash

Plot No. 590-C-3,Kabita Nivas,

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Cuttack, Odisha

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Pin – 753001, Orissa.

Cell - :07873555902/7978210970/814400238

Ph. No. (+91)-671-2331177(Res.)

**Academic Record**

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| **Degrees** | **University** | **Year of passing** |
| Ph.D.in Computer Science  (Contd.) | North Orissa University, Baripada, Orissa | Contd. from 2015 |
| M.Tech(IT) | College of Engg. and Technology(CET), Bhuabaneswar, Orissa | 2011 |
| B.E.(CSE) | Utkal University, Bhuabneswar, Orissa | 1994 |

**Teaching and Administrative Experience**

1. 8+years teaching experience in ORISSA ENGG. COLLEGE, Bhubaneswar.
2. Worked as Assistant Professor.(IT) in Orissa Engg. College, Bhubaneswar.
3. Working as Consultant in Research and Development(R&D) department of OAASA Technologies, Kolkata since March 2017.
4. R&D Cell Coordinator in OEC from last 4 yrs.

**Member of Editorial and Reviewer Board**

1. International Journal for Computer Science and Information Security(IJCSIS).
2. International Journal of Computer Applications (IJCA)-
3. International Journal of Computer Science and Technology(IJCST).

**Area of Research : Computer Architecture, Computer Networks, Image Processing, Software Engg., Data Mining and Soft Computing**

**Research Projects :**

1. Automated Detection and Extraction of Brain Tumor from MRI Images using Matlab
2. Secured Smart Healthcare Monitoring System Based on IoT using Arduino microcontroller with GPRS shield
3. MRI Brain Image Classification and Detection Using Distance Classifier Method in Image Processing using matlab
4. Implementation of Three Important Image morphology Algorithms on FPGA Hardware and a Comparison with its MATLAB Implementation

**Research Publications**

**International Journal**

* International Journal of Computer Science and Technology (IJCST)-www.ijcst.com (ISSN: 0976-8491(Online) | ISSN: 2229-4333(Print) – “ A Comparative Study Between Genetic Algorithm (GA) and Particle Swarm Optimization(PSO)”, IJCST Volume 4, Issue 2, April – June 2013.
* “Extended Secure Architecture of Hospital Information System (HIS) and Health Level 7(HL7)”- D.Saini, H.Saini, P.Dash and Prof. (Dr.) Maya Nayak\_\_January 2014
* International Journal of Computer Applications (IJCA)-www.ijcaonline.org (ISSN : 0975-8887)\_\_”Principal Component Analysis Using Singular Value Decomposition for Image Compression,IJCA, Volume 93 – No 9, May 2014
* International Journal of Computer Applications (IJCA)-www.ijcaonline.org(ISSN:0975-8887)\_” Multilevel Thresholding using PSO Clustering”, IJCA, Volume 97, No 18, July 2014
* Applied Science and Advanced Materials International, Vol1.(4-5), May 2015, pp.139-146\_”Distance-based and Density-based Algorithm for Outlier Detection on Time Series Data”
* International Journal of Computer Science Trends and Technology (IJCST)-www.ijcstjournal.org (ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print))\_”A Comparative Study on DNA Microarray Gene Expression Data Having Missing Value Estimation Using KNN Impute and LLS Impute”,IJCST Vol. 7, Issue 2, April - June 2016
* “A Novel Approach for Firefly Colony Optimization on Solving Multiobjective Optimization”, International Journal Of Scientific & Engineering Research, Volume 7, Issue 7, July-2016 952 ISSN 2229-5518
* “Edge detection improvement by ant colony optimization compared to traditional methods on brain MRI image”,Communications on Applied Electronics (CAE) – ISSN : 2394-4714 Foundation of Computer Science FCS, New York, USA Volume 5 – No.8, August 2016 – www.caeaccess.org
* International Journal of Energy, Sustainability and Environmental Engineering, Vol. 2(4-5), March-June 2016, pp. 83-87(ISSN : 2394-3165)\_ “Renewable Energy Evaluation using Data Mining Techniques”
* International Journal of Energy, Sustainability and Environmental Engineering, Vol. 2(4-5), March-June 2016, pp. 71-76(ISSN : 2394-3165)\_ “A Feasibility Study on Optimized Hybrid Renewable Energy- Solar, Wind and Hydrogen Energy”

**National Journal**

* PARIPEX- Indian Journal of Research Website: www.theglobaljournals.com (ISSN 2250-1991) – “A Study on Principal Component Analysis for Lossless Data Compression”
* PARIPEX- Indian Journal of Research Website: www.theglobaljournals.com (ISSN 2250-1991)-“Distance-based Outlier Detection on Time Series Data A Stabilized and Renovated Technique”
* Details of Seminar/Conference /Training/ :

**Faculty Development Programme(FDP) \Workshop Attended**

* + Workshop on MATLAB from 04.06.2012 to 08.06.2012 in O.E.C, BBSR
  + AICTE Sponsored STAFF DEVELOPMENT PROGRAMME on “Recent Trends in Medical Imaging using VLSI” organized by Dept. of. ENTC, O.E.C,BBSR(December 19th-31st, 2011)
  + IEEE WORKSHOP ON FOUNDATIONS AND ADVANCES IN COMPUTATIONAL INTELLIGENCE on 12th October 2012, O.E.C., BBSR
  + Workshop on EMBEDDED COMPUTER APPLICATION : SYSTEM & TECHNONOLOGY(ECAST-2011, April 2-3,2011) organized by Sambalpur University Institute of Information Technology(SUIIIT), Burla on 2-3 April 2011
  + Workshop on IBM Rational Software Architect for UML in the year 2015 in O.E.C,BBSR
  + STPI Certified Developer in VB 4.0, VC++ 4.0 and Oracle 7.1 in STPI,BBSR
  + Microsoft Certified COM Development using Visual C++ on December 04,2000

**International Conference**

* + International Conference on Sustainable Energy & Environment Vis-à-vis Advanced Materials March 4 – 5, 2016, OEC, Bhubaneswar

**National Conference**

* + National Conference on Recent Trends in Data Mining(NCRTDM’11) organized by Dept. of Computer Science and Engg., O.E.C, Bhubaneswar in 4th Sept. 2011

**Work Experience(SOFTWARE INDUSTRY)**

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| **Experience Type (Industry)** | **Org. Name** | **Designation** | **Responsibility** | **From Date** | **To Date** | **Org.Address** |
| Industry | Microtech Object Pvt. Ltd., | Senior S/W Engg. | Design and Development | 1st April 2008 | 13th June 2008 | Cochin, Kerala |
| Industry | Spacelab Healthcare Solutions | Software Engineer III | Design and Coding | 25th June 2007 | 25th March 2008 | Hyderabad, Andhra Pradesh |
| Industry | Swash Convergence Ltd. | System Architect | Analysis, Design and Development | 15th September 2004 | 30th April 2006 | Bhubaneswar, Odisha |
| Industry | Crompton-Greaves Maersk IT Pvt. Ltd. | Solution Architect | Analysis, Design and Development | 2nd September 2003 | 3rd July 2004 | Chennai, Tamilnadu |
| Industry | HCL Technologies Ltd. | Project Leader | System Study, Design and Development | 2nd December 2002 | 25th July 2003 | Chennai, Tamilnadu |
| Industry | Megasoft Ltd. | Project Leader | Analysis, Design and Development | 21st April 2001 | 30th December 2002 | Chennai, Tamilnadu |
| Industry | Kshema Technologies Ltd. | Project Leader | Analysis, Design and Development | 5th October 2000 | 26th March 2001 | Bangalore, Karnataka |
| Industry | HCL Infosystems Ltd. | Programmer-cum-Analyst | Development | 4th July 1997 | 28th September 2000 | Chennai, Tamilnadu |
| Research | Indira Gandhi Institute of Technology | Research Assistant(RA) | Coding | 3rd June 1995 | 5th February 1997 | Sarang, Dhenkanal, Odisha |
| I conducted the solar energy seminar on Rainwater Cisterns: Design, Construction, and Treatment in Indira Gandhi Institute of Technology, Sarang, Dhenkanal, Odisha. During my tenure as Research Assistant in Sarang, I was in charge of conducting Renewable Energy Programmes like Biogas Project, Solar Photovoltaic Projects, Improved Chulah Projects conducted by OREDA in different blocks of Dhenkanal Districts. I was also part of the Renewable Energy Park Programme in Sarang, Dhenkanal.I have opted volunteer retirements from Orissa Engineering College, Bhubaneswar in the year 2017 as an Assistant Professor, Department of Information Technology. Hence I am herewith applying for the position of PROGRAMME CONSULTANT for Solar based irrigation system and PROGRAM CONSULTANT for Solar based drinking water system. | | | | | | |

**Membership Details(If Any):**

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| **Society Name** | **Position** | **Description** |
| Cuttack City Engineers Club, Cuttack, Odisha | Life Member | Conducting seminars and workshops on recent technology |
| Indian Society of Technical Education(ISTE) | Life Member | Conducting seminars etc. |
| Institution of Engineers India(IEI) | Life Member | Conducting workshops, training programmes |