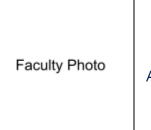
# **Faculty Profile**

I am Deepika Dash, working as an Assistant Professor in the Department of Computer Science and Engineering at RV College of Engineering (RVCE), Bengaluru, India. I have been a part of RVCE since 2014. Prior to joining RVCE, I worked as a lecturer, in various engineering colleges. My primary research interests are in the areas of parallel Programming, Blockchain and compiler optimization.



April

### **Personal Information**

Name: Deepika Dash

• **Designation:** [Assistant Professor]

• **Department:** [Computer Science & Engineering]

• **Email:** [deepikadash@rvce.edu.in]

• Phone: [8867317293]

Google Scholar / ResearchGate /

LinkedIn: https://scholar.google.com/citations?view\_op=search\_authors&mauthors=deepika+dash&hl=

en&oi=ao / ORCID: https://orcid.org/0000-0001-5692-0410

### **Domain of Expertise**

### **Research Focus**

• Primary Area: High Performance Computing

• Allied Areas: Parallel Programming, Compiler Design, Computer Architecture

### **Academic Qualifications**

• **Ph.D.**: Pursuing [VTU]

• M.Tech: [Information & Communication technology], [IIT Kharagpur], [2013]

• B.E./B.Tech: [Computer Science & Engineering], [BPUT, Odisha], [2008]

# **Professional Experience**

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	Jagannath Institute for Technology and Management	Lecturer	1 <sup>st</sup> Dec 2008 to 1 <sup>st</sup> Oct 2012
2.	College of Engineering Bhubaneswar	Lecturer	1 <sup>st</sup> Feb 2013 to 15 <sup>th</sup> April 2013

### **Publications & Patents**

#### **Journal Publications**

- 1. "Automatic Parallelization using Open MP Directives" authored by 'Deepika Dash, Anala M R' ISSN:2278–3075 (Online), Volume-8 Issue-11, September 2019, Page No. 4059-4063.
- 2. "Framework for Automatic Parallelization", authored by Anala M R, Deepika Dash 978-1-7281-0114-9/18/\$31.00 ©2018 IEEE DOI 10.1109/HiPCW.2018.00026
- 3. "Data Analytics in the Oil and Gas Industry" by Brahmotri Parida, Shamreen, Arunachalam suresh, Deepika Dash ISSN 2321 3361 © 2019 IJESC, Volume 8 Issue N.6
- 4. "Real-Time Cloud Monitoring Solution Using Prometheus Tool and Predictive Analysis using Arima Model", Monika.K .A Arun.V, Deepika Dash, ISSN 2321 3361 © 2018 IJESC, Volume 8 Issue No.6
- 5. "Secure Transaction of MIFARE Cards using NFC Tchnology". Tejaswini P Chinde, Deepika Dash ISSN (Online): 2319–7064 Index Copernicus Value (2015): 78.96 | Impact Factor (2015): 6.391

#### CONFERENCE / WORKSHOP / FDP PROGRAM/NPTEL

- 1. Successfully completed an AICTE approved Four Week FDP conducted by IIT Bombay on "Use of ICT in Education for Online and Blended Learning" and received "Certificate of Excellence".
- 2. Successfully completed 12 weeks NPTEL course on "Compiler Design" from Jan-Apr 2019.
- 3. Successfully completed NPTEL Certification course on "Outcome Based Education for Effective Teaching Learning process".
- 4. Attended Online FDP on Moodle & its Features for Teaching Learning and Evaluation Process arranged by R V College of Engineering from 27<sup>th</sup> July 2020 to 31<sup>st</sup> July 2020.
- 5. Participated in Technical Training Program on Embedded systems and programs conducted by IETE-Mumbai from 13<sup>th</sup> July 2020 to 17<sup>th</sup> July 2020.
- 6. Attended 25<sup>th</sup> IEEE Conference on High performance computing from 17<sup>th</sup> Dec to 20<sup>th</sup> Dec 2018.
- 7. Presented a paper in HiPCW-2018 on 18<sup>th</sup> Dec 2018
- 8. Attended five days workshop on "Think Parallel: Introduction to Parallel Programming" Conducted by C-DAC, Bangalore from 17<sup>th</sup> July 2017 to 23<sup>rd</sup> July 2017.
- 9. Worked as a Co-ordinator in conducting workshop on "Internet of Things: Sensors to Cloud Analytics" jointly organized by Dept. of CSE & ISE of RVCE held from 18<sup>th</sup> to 23<sup>rd</sup> July 2016
- 10. Worked as a Technical Committee member in IEEE sponsored International Conference on "Computational System and Information Technology for Sustainable Solution [CSITSS 2016]", jointly organized by the Dept. of CSE, ISE and MCA, R.V.C.E held from 6<sup>th</sup> to 8<sup>th</sup> Oct,2016.
- 11. Worked as a coordinator in HPE day organized by Dept. of CSE on 20th Feb 2018...
- 12. Organized a workshop on LLVM for 6th Semester Students on 4th Apr 2019
- 13. Arranged a talk on "Machine Learning on the Edge Devices" for 3rd semester Students on 18th Oct 2019
- 14. Worked as faculty coordinator for WIRIN project named "Web Based Annotation for driverless Vehicle" from July 2019 to March 2020

# **Teaching**

#### **Core Courses:**

1. Compiler Design (CS363AI)

# 2. Cryptography & Network Security (CS365TDF)

### Advanced/Lab Courses:

- Compiler Design Lab
- IOT & Embedded System Lab

# **Professional Roles**

# Responsibilities

• Academic: Worked as an Examination coordinator from Aug 2018 to Dec 2024.