

Name: Promod Kumar Sahu

Date of Birth: 20-07-1975

Address: Assoc. Professor Dept. of CSE AIT AM

TEKKALI, AP, PIN-532201

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Academic Excellence:

| QUALIFICATION | BOARD/ UNIVERSITY | DIVISION | YEAR |
|-------------------|--|---------------------------------|----------|
| Ph.D. | Utkal University | Pursuing | |
| M. Tech | Berhampur University | First Class | Jun 2009 |
| MCA | University College of Engineering (Burla) | First Class | Apr 1999 |
| B.Sc. (Phy Hon's) | Berhampur University | First Class Hons Distinction | May 1995 |
| +2 Science | CHSE(O) | First Class | Mar 1992 |
| HSC | BSE(O) | First Class | Apr 1990 |

Total Years of Experience (Teaching/Industry): 18 Years

| Period | | Organization/Institution/Industry | Designation |
|----------|-----------|-----------------------------------|---------------------|
| Jun 2009 | Till Date | AITAM, Tekkali | Associate Professor |
| Aug 2006 | Jul 2007 | AITAM, Tekkali | Sr.Asst.Professor. |
| Nov.99 | AugO6 | IACR Rayagada | Lecturer |

Areas of Interest:

1. Computer Architecture and Organization
2. Mobile Communication
3. Computer Networks
4. Operating System
5. Database Management System
6. Object Oriented Programming

Guidance of Academic Projects:

- i) Doctoral Projects:
- ii) Masters Projects: 9
- iii) Bachelor Projects: 10

Memberships of Professional Societies and Other Organizations:

CSI (I1504928), ISTE

(LM44244), ACM (0647830)

Responsibilities:

1. M. Tech Department Coordinator
2. NBA Criteria_5 Coordinator

Details of Publications:**International Journals:**

1. P. K. Sahu "A Solution of Enhancing Multicast Routing Protocol Utilizing Increasing ID Number for Wireless Ad-Hoc Networks" (IJEETE, vol.3(6),2016, ISSN 2394-0573)
2. Miss Padmini, .P. K. Sahu " TDMA Scheduling with leach protocol " (IJIRSET, vol.4(6),2015, ISSN 2391-8753)
3. P. K. Sahu, A. Dasaradha "A Dynamic Filtering Algorithm to Search Approximate String" (IJCER, vol.2 Issue 5, Sept-2012, ISSN 2250-3005)
4. V. Sireesha, P. K. Sahu "Internal Self IP Trace back System for tracing IP Spoofing in Networks " (IJAIR, Vol.2 Issue 11,2013, ISSN: 2278-7844)
5. P. K. Sahu, G. R. Teja "GClustering Algorithm" (IJARCET vol.1, Issue.7, Sept-2012, ISSN 2278-1323)
6. A. B. Chintada, P. K. Sahu "Effective Pruning for the Discovery of Conditional Functional Dependencies " (IJCSCN, vol.2(6), 2013, ISSN 2249-5789)
7. P. K. Sahu, V Narayanarao "A Robust and Efficient Data Transmission in Ad-Hoc Networks (IJCSCN, vol.2 (6), 2013, ISSN 2249-5789)

8. P. Rajani, P. K. Sahu "Hop-by-Hop Routing in Wireless Mesh Networks With Bandwidth Guarantees "(IJAIR, vol.3 (8), 2012, ISSN 2278-7844)
9. B. Divya Jyothi, P. K. Sahu "Topology Manage with Cellular Adhoc Sites Along with Cooperative Communication" (IJAIR, vol.3 (10), 2012, ISSN 2278-7844)

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

1. P. K. Sahu, H. K. Pati and S. K. Pradhan "A Study on Static Call Admission Control Policies for Wireless Mobile Cellular Network" (Springer ICCC-2020)
2. P. K. Sahu, H. K. Pati and S. K. Pradhan "A Study on CAC Schemes for Homogeneous and Heterogeneous Wireless Cellular Networks" (IEEE ICCIS-2021, ISBN:978-1-7281-8529-3)

| S. No. | Dates | Name of The Programme | Host Institution |
|---------------|--|---|-------------------------|
| 1 | 28 th & 29 th Dec, 2007 | WEKA: A Data Mining Tool | AIT AM, Tekkali |
| 2 | 23 rd - 25 th Aug, 2008 | Research Methodologies in Engineering: Current Perspective and Prospectus | AIT AM, Tekkali |
| 3 | 5 th -18 th Aug 2010 | AICTE sponsored Staff development Program on Network Security and Application | AITAM, Tekkali |
| 4 | 28 th -30 th Oct, 2010 | Recent Trends in Image and Computer Vision Research | AIT AM, Tekkali |
| 5 | 20 th - 22 nd Oct, 2011 | Multi-core Computing Hands on Exposure To Practical open MP Programming | AITAM, Tekkali |
| 6 | 23 rd -24 th Dec 2011 | Presented a paper in national seminar on Emerging Trends In software Engineering | GIACR,Rayagada |
| 7 | 24 th -28 th Apr 2012 | Mission 10 X Workshop | AITAM, Tekkali |
| 8 | 16 th -29 th Apr 2012 | Staff development program on Soft Computing Application | AITAM, Tekkali |
| 9 | 16 th -18 th Aug 2012 | A national workshop on ISVMA | AITAM, Tekkali |
| 10 | 19 th Jan, 2013 | Outcome Based Education (In compliance with NBA Accreditation) | AITAM, Tekkali |
| 11 | 1 st - 5 th Feb, 2013 | Cloud Computing and its Applications | AITAM, Tekkali |

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|----|-----------|--|-----------------|
| 12 | Mar, 2013 | Advances in Signal and Image Processing (ASIP-2013) | AIT AM, Tekkali |
|----|-----------|--|-----------------|

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|----|---|---|-----------------|
| 13 | 25 th -30 th April, 2013 | Android & Its Application (AIA-2013) | AIT AM, Tekkali |
| 14 | 8 th & 16 th Jan, 2014 | Frontiers in Machine learning Algorithm | AIT AM, Tekkali |
| 15 | 15 th -16 th Dec, 2014 | Software Engineering and Allied Tools in Association with IUCEE, under TEQIP Phase-II | AIT AM, Tekkali |
| 16 | 09 th March, 2015 | One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II | AIT AM, Tekkali |
| 17 | Jun 16 th to 20 th 2020 | Intelligent Computing in Data Science | AIT AM, Tekkali |

External:

| S. No. | Dates | Name of the Programme | Host Institution |
|--------|---|--|------------------|
| 1 | 10 th Mar, 2003 | National seminar on Role of IT in Disaster Management | IACR,Rayagada |
| 2 | 8 th & 9 th Feb, 2008 | National Workshop on Soft Computing Application | GMRIT,Rajam |
| 3 | 23 rd -24 th Dec 2011 | Presented a paper in national seminar on Emerging Trends In software Engineering | GIACR,Rayagada |
| 4 | 15 th -17 th Sep, 2013 | MAT Lab workshop | UU,BBSR |
| 5 | 9 th -10 th Nov2013 | NS2 Workshop | UU,BBSR |
| 6 | Feb-Mar 2019 | Real Time Operating System | IIT KGP |
| 7 | Jul-Oct 2019 | Switching Circuit and Logic Design | IIT KGP |
| 8 | Jul-Sep 2019 | Advance Computer Architecture | IITG |
| 9 | Jul-Aug 2019 | C Programming and Assembly Language | IITM |
| 10 | Aug-Oct 2018 | Hardware Modeling Using Verilog | IIT KGP |
| 11 | Aug-Oct 2019 | Accreditation and Outcome Based Education | IIT KGP |
| 12 | Jan-Feb 2021 | Introduction to Parallel Programming using OpenMP | IIT Delhi |

Certifications:

1. Got certified with Elite (70%) from NPTEL online certification course (12 Weeks) on "Computer Organization and Architecture A Pedagogical Aspect " conducted by IIT, Guwahati in Jan-Apr 2018.

2. Got certified with Elite (70%) from NPTEL online certification course (12 Weeks) on "Computer Network and Internet Protocol " conducted by IIT, Kharagpur in Jul-Oct 2018.
3. Got certified with Elite (66%) from NPTEL online certification course (8 Weeks) on "Hardware Modeling Using Verilog " conducted by IIT, Kharagpur in Aug-Oct 2018.
4. Got certified with Elite (73%) from NPTEL online certification course (12 Weeks) on "Foundation to Computer System Design " conducted by IIT, Madras in Jan-Apr 2019.
5. Got certified with Elite Silver (78%) and topper from NPTEL online certification course (4 Weeks) on "Real Time Operating System " conducted by IIT, Kharagpur in Feb-Mar 2019.
6. Got certified with Elite (68%) from NPTEL online certification course (8 Weeks) on "Advanced Computer Architecture " conducted by IIT, Guwahati in Jul-Sep 2019.
7. Got certified with Elite Silver (84%) from NPTEL online certification course (4 Weeks) on "C Programming and Assemble Language" conducted by IIT, Madras in Jul-Aug 2019.
8. Got certified with Elite Silver (78%) from NPTEL online certification course (12 Weeks) on "Switching Circuit and Logic Design" conducted by IIT, Kharagpur in Jul-Oct 2019.
9. Got certified with Elite Silver (77%) from NPTEL online certification course (12 Weeks) on "Accreditation and Outcome Based Education " conducted by IIT, Kharagpur in Aug-Oct 2019.
10. Got certified with (98%) from NPTEL online certification course (12 Weeks) on "Fuzzy Sets Logic and Systems & Application " conducted by IIT, Kanpur in Jan-Apr 2020.
11. Got certified with (82%) from NPTEL online certification course (8 Weeks) on "Roadmap for Patent Creation" conducted by IIT, Kharagpur in Jan-Mar 2020.
12. Got certified with (88%) from NPTEL online certification course (8 Weeks) on "Evaluation of Air Interface towards 5G" conducted by IIT, Kharagpur in Feb-Apr 2020.
13. Got certified with (98%) from NPTEL online certification course (8 Weeks) on "Introduction to Soft Computing" conducted by IIT, Kharagpur in Jan-Mar 2020.
14. Got certified with (50%) from NPTEL online certification course (4 Weeks) on "Introduction to Parallel Programming using OpenMP" conducted by IIT, Delhi in Jan-Feb 2021.

Other Achievements:

1. UGC NET Qualified
2. NPTEL Believer 2019
3. NPTEL Motivated Learner 2019
4. NPTEL Computer Science and Engineering Discipline Star 2019

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