Dr.Chandrakant Naikodi

Professor and Chairman,
Department of Studies in Computer Science(PG),
Davangere University(State Govt.), Davangere-577007, Karnataka, India.
E-mail:chandrakant.naikodi@{davangereuniversity.ac.in, yahoo.in, gmail.com}
https://scholar.google.com/citations?user=ZXtMiJWiGPkC&hl=en
https://www.researchgate.net/profile/Drchandrakant-Naikodi
https://www.linkedin.com/in/dr-chandrakant-naikodi-828440a
https://orcid.org/0000-0001-6420-0448
https://www.scopus.com/authid/detail.uri?authorId=57188756877
Whatsapp/Voice: +919901452550/7892065458

Academic Qualifications:

Ph.D., Computer Science and Engineering
BANGALORE UNIVERSITY, BANGALORE, KARNATAKA, INDIA
Year: Feb, 2008 - May, 2014

M.B.A., HRM
KSOU, MYSORE, KARNATAKA, INDIA
Year : Jan, 2019 - May, 2022

M. E., Information Technology
UVCE, BANGALORE UNIVERSITY, BANGALORE, KARNATAKA, INDIA
Year : Dec, 2004 - Dec, 2006

B. E., Information Science and Engineering
JSSATE, BANGALORE, VISVESWARIAH TECHNOLOGICAL UNIVERSITY, KARNATAKA, INDIA
Year : July, 2000 - July, 2004

Diploma, Computer Science and Engineering
GPT, BIJAPUR, DEPARTMENT OF TECHNICAL EDUCATION, KARNATAKA, INDIA
Year : Aug, 1997 - July, 2000

Research:

Areas of Interest: Computer Languages(C/C++/JAVA/PHP/Python), Wireless Networks, Mobile Ad-Hoc Networks, Middleware Technology, Computing Technology(Cloud,Mobile,Green etc.), Big Data, AI etc.

MBA:Title of the Thesis: Trending Open Source IT Tools for Improving Employees Efficiency-A Study with Reference to Davangere University

ME :Title of the Thesis: Maximizing Static Network Lifetime of Broadcast AdHoc Networks(MANET).

PhD:Title of the Thesis: Efficient Middleware for Secure Services in Computer Communication Networks.

My books as reference books in Indian universities:

i. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCA(Master of Computer Applications) in A P J AbdulKalam Technological University, Thiruvananthapuram, Kerala-695016. Ref:https://ktu.edu.in/data/MCA_Regular_First_To_Fourth_Semester_Syllabus_Final.pdf

ii. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCM(Master of Computer Management) in Nagpur University, Nagpur, Maharashtra-440001. Ref:http://www.nagpuruniversity.org/links/Syllabus/Faculty_of_Commerce/MCM_CBCS_Syllabus.pdf

iii. "Managing Big Data" by **Chandrakant Naikodi** is a **Text Book**for Bachelor Degree in Information Science and Engineering, Course Code: P13IS753 Semester: VII, Department of Information Science and Engineering, P.E.S. College of Engineering,Mandya, Karnataka - 571 401. Ref:https://www.pescemandya.org/pdf/IS%207%20&%208.pdf

iv. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCM(Master of Computer Management)Part-II, Semester - IV in RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR, Maharashtra-440001. Ref:https://nmdcgondia.org/download/criteria_1/1.2.2.1-PG-Curriculum-upload_4.pdf

v. "C : test your aptitude" by **Chandrakant Naikodi** is a References Book for MCA(Master of Computer Applications) in Semester - I: Problem solving with C Programming,SHIVAJI UNIVERSITY, KOLHAPUR. Ref:http://www.unishivaji.ac.in/uploads/syllabus/Old%20syllabus/Commerce/MCA%20I%202014.pdf

vi. "C : test your aptitude"" by **Chandrakant Naikodi** is a References Book, Maulana Azad National Institute of Technology University in Bhopal, Madhya Pradesh. Ref:http://www.manit.ac.in/sites/default/files/24CSE%20&%20IT%20Books%20%28%20Oct.%202012%29.pdf

vii. *"Managing Big Data"* referred in **A P J AbdulKalam Technological University**, Thiruvananthapuram, Kerala; **Nagpur University**, Nagpur, Maharashtra; **P.E.S. College** of Engineering, Mandya, Karnataka; **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,** NAGPUR, Maharashtra; **CHRIST** (Deemed to be University), Maharashtra; **THIRUVALLUVAR UNIVERSITY**, VELLORE; **DOON UNIVERSITY**, UTTARANCHAL ; **Government Engineering College,** Thrissur ; **DAIMSR** , Deekshabhoomi, Nagpur Maharashtra, etc.

viii. *"C : Test Your Aptitude"* referred in **SHIVAJI UNIVERSITY,** KOLHAPUR, Maulana Azad National Institute of Technology University in Bhopal, Madhya Pradesh.

ix. *"TODAY AND FUTURE OF WSN, AI, AND IOT"* in **University of Colorado Boulder**; **Tripura University**

Profile at Social Network:

- Google Scholar:https://scholar.google.com/citations?user=ZXtMiJWiGPkC&hl=en
- Research Gate:https://www.researchgate.net/profile/Drchandrakant-Naikodi
- Linkedin:https://www.linkedin.com/in/dr-chandrakant-naikodi-828440a/
- Orcid:https://orcid.org/0000-0001-6420-0448
- Scopus:https://www.scopus.com/authid/detail.uri?authorId=57188756877

Experience: As a Full Time Faculty

- **Professor**: [Dec 2022 - Till Now], Davangere University, Davangere, Karnataka, India.
- **Associate Professor**: [Dec 2019 - Dec 2022], Davangere University, Davangere, Karnataka, India.
- **Principal Applications Engineer**: [Aug 2018 - Dec 2019], ORACLE India Pvt. Ltd., Bangalore, India.
- **Project Leader**: [Jan, 2015 -July 2018], ORACLE India Pvt. Ltd., Bangalore, India.

- **Senior Application Engineer**: [May, 2006 - Dec, 2014], ORACLE India Pvt. Ltd., Bangalore, India. [Oracle India Pvt.Ltd has acquired Agile Software Enterprise Pvt. Ltd. in 2007]
- **DBA Engineer**: [10th Aug 2004 - 30th Sept 2004],Ravi Graphics, Bangalore, India.

Administrative/Examination Related Positions Held

- **PG Department Chairman**: [Jan 2022 - Till Now], Dept. of Studies in Computer Science, Davangere University, Davangere, Karnataka, India.
- **BoE Chairman(UG)**: [Jan 2020 - Jan 2021], Davangere University, Davangere, Karnataka, India.
- **BoE Chairman(PG)**: [2022-23, 2024-25], Davangere University, Davangere, Karnataka, India.
- **BoS Chairman(PG and UG)**: [2023-24 to till now], Davangere University, Davangere, Karnataka, India.
- **Director** of Information Technology:[17-05-2020 to Till now], Davangere University, Davangere, Karnataka, India.
- **Nodal Office** E-Office:[17-05-2020 to Till now], Davangere University, Davangere, Karnataka, India.

Experience: As a Guest Faculty/Professor(Engg. Colleges)

- **Visiting Professor**: [Nov, 2014 - Dec-2019], CiTECH, Bangalore, India(4 years 8 monts)
- **Guest Faculty**: [April, 2005 - May, 2006], Alpha College of Engineering, Bangalore, India(1 year 2 months).
- **Guest Faculty**: [June, 2006 - May, 2011], University Visveswaraya College of Engineering, Bangalore University, Bangalore, India (5 years).

Technical Strengths:

Programming Languages: Java, J2EE, JSP,HTML, XML, Java Script, PHP, Python, C, C++ etc.
Web Technologies: Web Services, WSDL and Apache-Axis
Application Servers: ORACLE Application Server,Tomcat, and Web Logic Application Server
Unit Testing: JUnit
Databases: MS Access, SQL, PL/SQL, Big Data
Frameworks and Libraries: Apache Ant and BI Publisher
Development IDEs: Eclipse, IntelliJ and JDeveloper-ADF
Operating Systems: Linux, Microsoft Windows - 95, 98, NT, 2000, XP and Server 2003
ORACLE Fusion Development Environment: Zip DB, JSPX, JUnit, JTest and Webservices

Recognition / Awards:

- ***NPTEL Domain Scholar: Jul-Dec 2022***: Certificate of Appreciation by NPTEL SWAYAM (IIT Madras).
- ***NPTEL DISCIPLINE STAR: JAN-APR 2022***: Certificate of Appreciation by NPTEL SWAYAM (IIT Madras).
- ***NPTEL ENTHUSIAST STARs: JAN-APR 2022***: Certificate of Appreciation by NPTEL SWAYAM (IIT Madras).
- ***Best Paper Award***: Lifetime Maximization of Heterogeneous Wireless AdHoc Networks, International Conference on Intelligent Sensing and Information Processing, India, 2006.
- ***Best Paper Award***: Shalini S., **Dr.Chandrakant Naikodi**, Dr. Suresh L., Sushma B Malipatil, "Path Oriented Randomly-Generated Keys forEnergy Efficient Uncompromised Security in MANETs", 2nd International Conference on Convergent Innovative Technologies (ICCIT-2015) published by International Journal of Engineering Research ISSN:2319-6890(online),2347-5013(print), Volume No.4, Issue Special 4, Page.no. 257-260.

- ***Employee Recognition Award***: Agile PLM Excellence Award- For Q3 FY10, Bangalore, India, 2010.

Membership:

- Student Member: Institute of Electrical and Electronics Engineers (IEEE)

- Member of Journal: Journal on Systemics, Cybernetics and Informatics (JSCI)

- Member of the Editorial Board:International Journal of Mobile Network Communications and Telematics (IJMNCT)

- Member of Board of examiners for ME in UVCE, Bangalore, From 2009 to 2011.

- Member of Programme Committee and Session Chair at 2nd International Conference on Convergent Innovative Technologies (ICCIT-2015), Bangalore.

- Life Member of The Indian Science Congress Association (ISCA) ,Kalkota, Membership No. L39969

- Member, *Honorary Rosalind Member of London Journals Press*, 1210th, Arlington Business Park, Theale,United Kingdom. Membership ID ♯TZ34926.

- Editorial Board Member,AIRCC Publishing Corporation, `http://airccse.org/journal/ijmnct/old/editorial.html` , `http://airccse.org/journal/ijmnct/ijmnct_leaflet.pdf`

- Editorial Board Member, International Journal of Mobile Network Communications and Telematics (IJMNCT), `https://www.resurchify.com/call-for-paper-show.php?id=1362`

- Member of Board of Examiners for MSc in Davangere University, Davangere, From 2020 to till now.

- Member of Board of Studies for MSc in Davangere University, Davangere, From 2020 to till now.

- Chairman of Board of Examiners for BCA(UG) in Davangere University, Davangere, From 2020 to till Jan 2021.

- Chairman of Board of Studies for BSc/BCA(UG) and PG(MSc/MCA/MVoc) in Davangere University, Davangere, From Jan 2023 to till now.

- Member of Board of Examiners in Raichur University, Raichur, From 2021 to 2022.

- Member of Board of Examiners in Kuvempu University, Shivamoga, From 2022 to 2023.

- Member of Board of Studies in Bangalore North University, Bangalore, From 2021 to till now.

Academic Extra Responsibilities:

CONTRIBUTIONS			
Name of event/training/Committee	Period	Roles	Responsibilities
Director of Information Technology Cell for DU	17-05-2020 to Till now	Director of Information Technology, Davangere University	Responsibility to make E-communication and head the overview of lNAD, E-Office, E-Governance, ICT, HRM, Affiliation, UUCMS etc.
E-Office **Nodal Officer**	01-02-2020 to Till now	Nodal Officer of Davangere University	Responsibility to make paperless official communication.
Co-Ordinator of M.Voc in Cyber Security, DUD	Jan-2021 - till now	Founder and Co-Ordinator of the UGC-NSQF funded branch MVoc in Cyber Security	Run entire M.Voc course in our University including Guest faculty usage, Time table preparation, subject handling, exam related stuff, etc
Chairman of Department of Computer Science, DUD	From 18th Jan 2022 - till now	Chairman of the Department	Run entire department and M-Sc(CS,) MVoc, PhD(CS) courses in our University including Guest faculty usage, Time table preparation, subject handling, exam related stuffs, etc
Co-Ordinator of MCA, DUD	April 2023 - till now	Founder and Co-Ordinator of MCA	Run entire MCA course in our University including Guest faculty usage, Time table preparation, subject handling, exam related stuff, etc
BoS Member of Bangalore North University, Bangalore	From 2021 to till now.	UG/PG Curriculum Related	UG/PG Curriculum Related
BoE Member of Raichur University, Raichur	From May 2022 to till now.	UG/PG Examination Related	UG/PG Examination Related

FDPs/FIPs/Refresher/Orientation Course (Last two years)

1. NPTEL-AICTE FDP on "Introduction to Database Systems", Jan-Apr 2022, Duration of NPTEL Course:12 Weeks, Link: https://internalapp.nptel.ac.in/NOC/NOC22/SEM1/Ecertificates/106/noc22-cs57/Course/NPTEL22CS57S2312043402134224.jpg

2. NPTEL-AICTE FDP on "An Introduction to Programming Through C++", Jan-Apr 2022, Duration of NPTEL Course:12 Weeks, Link: https://internalapp.nptel.ac.in/NOC/NOC22/SEM1/Ecertificates/cs42/Course/NPTEL22CS42S3312029102134224.jpg

3. NPTEL-AICTE FDP on "Programming in Java", Sep-Dec 2020, Duration of NPTEL Course:12 Weeks, Link: https://nptel.ac.in/noc/Ecertificate/?q=NPTEL20CS58S61210657112819.jpg

4. NPTEL-AICTE FDP on "Programming, Data Structures and Algorithms Using Python", Jan-Mar 2021, Duration of NPTEL Course:8 Weeks, Link: https://nptel.ac.in/noc/E_Certificate/NPTEL21CS21S21380095021004.jpg

5. NPTEL-AICTE FDP on "Cloud Computing", Feb-Apr 2021, Duration of NPTEL Course:8 Weeks, Link: https://nptel.ac.in/noc/E_Certificate/NPTEL21CS14S23400030142071.jpg

6. NPTEL-AICTE FDP on "Internet of Things", Jan-Apr 2021, Duration of NPTEL Course:12 Weeks, Link: https://nptel.ac.in/noc/E_Certificate/NPTEL21CS17S46007477142071.jpg

7. Faculty Development Program-2020 by Davangere University, from 06-01-2020 to 13-01-2020: 7 Days.

8. FDP on "Exemplary Practices in Teaching-Learning and evaluation of course in Computer Science and Information Science" by VTU and IIIT Allahabad, From Aug 3 to 7, 2020.

9. TWO-WEEKS INTERDISCIPLINARY REFRESHER COURSE on "ADVANCED CONCEPTS IN DEVELOPING MOOCS", conducted by TEACHING LEARNING CENTRE RAMANUJAN COLLEGE in collaboration with DAVANGERE UNIVERSITY DAVANGERE, KARNATAKA, 06 - 20 OCTOBER 2021

10. ONE MONTH INDUCTION TRAINING/ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES/COLLEGES/ INSTITUTIONS OF HIGHER EDUCATION conducted by TEACHING LEARNING CENTRE RAMANUJAN COLLEGE in collaboration with SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES, 19 October - 18 November 2021

CONTRIBUTION TO DAVANGERE UNIVERSITY			
Name of event/training/Committee	Period	Roles	Responsibilities
Director of Information Technology/ICT/Computer Center Cell for DU	17-05-2020 to Till now	Director of Information Technology, Davangere University	Responsibility to make E-communication and head the overview of NAD, E-Office, E-Governance, ICT, HRM, Affiliation, UUCMS etc.
E-Office **Nodal Officer**	01-02-2020 to Till now	Nodal Officer of Davangere University	Responsibility to make paperless official communication.
Co-Ordinator of M.Voc in Cyber Security	Jan-2021 - till now	Co-Ordinator of the UGC-NSQF funded branch MVoc in Cyber Security	Run entire M.Voc course in our University including Guest faculty usage, Time table preparation, subject handling, exam related stuff, etc
Member of Board of Examiners for MSc in Davangere University, Davangere,	From 2020 to till now	PG Examination Related	PG-MSc(CS) Examination Related
Member of Board of Studies for M-Sc/MVoc in Davangere University, Davangere	From 2020 to till now.	PG Syllabus Related	PG-MSc(CS) and MVoc(CySec) Syllabus Related
Chairman of Board of Examiners for BCA(UG) in Davangere University, Davangere	From 2020 to till now.	UG Examination Related	UG Examination Related
Chairman of Digital Library Software for Davangere University, Davangere	From Oct 2021 to till now.	Digital Library Software Related	Digital Library Software Related
Member of NAAC Criteria-I@ Davangere University	2020 to Till now	Criteria-I Feedback Analysis	Feedback Analysis of the Stake holders.
Dept. coordinator for Women Harassment	2020 to Till now	Coordinator	Ensure there are no women harassment cases@ DoS in Computer Science, if so, report to ICC team.
Provided Training to Computer Operators in the University	13-02-2020 to 29-02-2020(15 days)	Training Co-Ordinator	Provide Trainings to 100+ computer operators, arrange basic facilities for trainings, conducting tests oftenly, reporting test results and feedback to University head.
Provided E-Office Training to Computer Operators and Faculties of the University	On various dates	Trainer cum Co-Ordinator	Provide Trainings to 100+ computer operators and Faculties, arrange basic facilities for trainings, conducting tests oftenly, reporting test results and feedback to University head.
LIC Visit	05-11-2020 to 05-11-2020	Member of LIC Committee	Field visit and inspect the institutions as per University guidelines and rules.
LIC Online Inspection	Aug 2021	Member of LIC Committee	Online inspectection of the institutions as per University guidelines and rules.
LIC Online Inspection	June 2022	Member of LIC Committee	Online inspectection of the institutions as per University guidelines and rules.

Other Notable Contributions:

Appreciations of Dr. Chandrakant Naikodi			
Name of event/training/Committee	Period	Roles	Responsibilities
CySeck(Karnataka Govt) Online course	March-April 2021	Co-Ordinator and facilitator	Co-Ordinator and facilitator for CySeck(Karnataka Govt) course for MSc(CS) DUD students to participate in the Futureskills.
ATAL FDP sessions	10/06/2021	Keynote speaker of IoT and it's trends	Delivered a talk on IoT related topics for ESTC(GOI) FDP students
Information Technology for effective office management	13/07/2020	Session Speaker	Delivered a session on "Information Technology for effective office management" for all DTI-Davangere participants.

Major Invited Talks:

1. An Online Training to DTI, Davangere(Govt.) staff on 13th and 14t July 2020 "Information Technology for Effective Office Management".

2. Provided an expertise talk and training on Internet of Things (IoT) domain in AICTE's ATAL Faculty Development programme sessions on 10.06.2021 conducted for faculties across India by Electronics Service and Training Centre Ramnagar, Uttarakhand.

Patents:

Patents Granted

1. **Chandrakant Naikodi**, Nagaswarupa H P, Rudresh M, "A Novel Approach to Login Smart Phones with Sequence of Multiple Finger Prints for Robust Authentication", Patent number: 2021101758, Granted on 19th May 2021, Australian Govt., Intellectual Property Australia.

2. **Chandrakant Naikodi**, Rudresh M, M V Praveen, "A Novel Approach to Make Active and Inactive Entire Device's Screen for Fingers with Fingerprint Authentication", Patent number: 2021101726, Granted on 15th December 2021, Australian Govt., Intellectual Property Australia.

3. **Chandrakant Naikodi**, "A Novel Approach to Unbreakable Authentication for Smart Phones with Flexible Combinations of Multiple Multimedia features, Screen Angles, Shaking Directions", Patent number: 2021104146, Granted on 9th March 2022,, Australian Govt., Intellectual Property Australia.

4. **Chandrakant Naikodi**, "A Novel Approach to Detect Unidentified Persons and GSM Based Alerting System for Smart Homes Using Height, Weight and Temperature Sensors", Patent number: 2021104791, Granted on 13th April 2022,, Australian Govt., Intellectual Property Australia.

5. **Chandrakant Naikodi**, "Add on to Smart Toilets with Iris Recognition and Auto-Measuring of Basic Functions Viz Weight, Temperature, Pulse Rate, Urine, Stool Analysis of the Human for Tracking Seating Time, Health Status and Signs of Disease.", Patent number: 2021104803, Granted on 23rd March 2022,, Australian Govt., Intellectual Property Australia.

6. **Chandrakant Naikodi**, "Secured Digital Locker for Individual Physical Files with Harvesting Energy from Finger's Heat to Safeguard Documents Without using External Power Supply", Patent number:2021104852, Granted on 13th April 2022,, Australian Govt., Intellectual Property Australia.

Books (paper back):

1. *Managing Big Data*, **Chandrakant N**, Vikas Publishing House(SCHAND), 2014. ISBN:9789325984561, Edition: 1 - Pub Date: April-15,Pages:184

   Book link1: `https://www.schandpublishing.com/books/tech-professional/computer-science/managing-big-data/9789325984561/#.WesTjFuCzIU`

   Book Link2:`http://www.vikaspublishing.com/books/computer-science/database/managing-big-data/9789325984561/`

   ### As a Text/Reference book in various universities...

   i. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCA(Master of Computer Applications) in A P J AbdulKalam Technological University, Thiruvananthapuram, Kerala-695016. Ref:`https://ktu.edu.in/data/MCA_Regular_First_To_Fourth_Semester_Syllabus_Final.pdf`

   ii. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCM(Master of Computer Management) in Nagpur University, Nagpur, Maharashtra-440001. Ref:`http://www.nagpuruniversity.org/links/Syllabus/Faculty_of_Commerce/MCM_CBCS_Syllabus.pdf`

   iii. "Managing Big Data" by **Chandrakant Naikodi** is a **Text Book**for Bachelor Degree in Information Science and Engineering, Course Code: P13IS753 Semester: VII, Department of Information Science and Engineering, P.E.S. College of Engineering,Mandya, Karnataka - 571 401. Ref:`https://www.pescemandya.org/pdf/IS%207%20&%208.pdf`

   iv. "Managing Big Data" by **Chandrakant Naikodi** is a References Book for MCM(Master of Computer Management)Part-II, Semester - IV in RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR, Maharashtra-440001. Ref:`https://nmdcgondia.org/download/criteria_1/1.2.2.1-PG-Curriculum-upload_4.pdf`

2. *C Test Your Aptitude*, Venugopal K.R. and **Chandrakant N**, Tata Mcgraw Hill Publishing Co Ltd, 2006, Pages:617, ISBN: 9780070634572 ,Edition: 1 - Pub Date: 25-OCT-06,
Book Link1: `http://www.mheducation.co.in/9780070634572-india-c-aptitude`
Book Link2:`https://www.sapnaonline.com/books/c-test-aptitude-kr-venugopal-0070634572-9780070634572?position=20&searchString=`
Book Link3:`https://books.google.co.in/books/about/C_Test_Your_Aptitude.html?id=BYBinztY9PkC`

As a Reference book in various universities...

i. "C : test your aptitude" by **Chandrakant Naikodi** is a References Book for MCA(Master of Computer Applications) in Semester - I: Problem solving with C Programming,SHIVAJI UNIVERSITY, KOLHAPUR. Ref:`http://www.unishivaji.ac.in/uploads/syllabus/Old%20syllabus/Commerce/MCA%20I%202014.pdf`
ii. "C : test your aptitude"" by **Chandrakant Naikodi** is a References Book, Maulana Azad National Institute of Technology University in Bhopal, Madhya Pradesh. Ref:`http://www.manit.ac.in/sites/default/files/24CSE%20%26%20IT%20Books%20%28%20Oct.%202012%29.pdf`
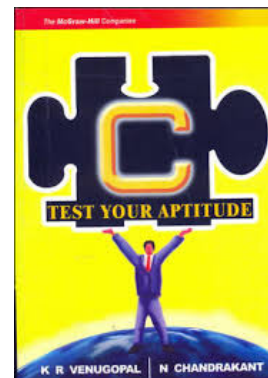
3. *Problems and Solutions in C++*, Venugopal K.R., **Chandrakant N**, Tata Mcgraw Hill Publishing Co Ltd, 2007. ISBN: 9780070648210, Pages:237,Edition: 1 - Pub Date: 11-JUL-07
Book Link1:
`https://books.google.co.in/books/about/Prob_Solutions_In_C++.html?id=_T-sSlUSvXQC&redir_esc=y`
Book Link2: `https://www.sapnaonline.com/books/problems-solutions-c-kr-venugopal-0070648212-9780070648210?position=20&searchString=`
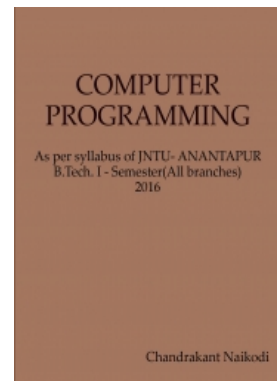Book Link3: `https://www.amazon.in/Problem-Solutions-C-K-Venugopal/dp/0070648212`

4. *Introduction to Computing and Problem Solving(for KTU)*, **Chandrakant N**, Vikas Publishing House(SCHAND Publishing), 2016. ISBN:9789352591282, Edition: 2 - Pub Date: May-2016, Pages:226

5. *Programming in C and C++, First Ed.*, **Chandrakant N**, Mudranik Technologies Pvt Ltd, ISBN: 9789352655878, Edition: 1 - Pub Date: May 2016, Pages:324
Book Link1: `https://pothi.com/pothi/book/dr-chandrakant-naikodi-programming-c-and-c`
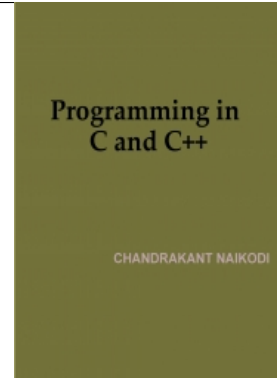
6. *Computer Programming, First Ed.*, **Chandrakant N**, Mudranik Technologies Pvt Ltd, ISBN: 9789352656240, Edition: 1 - Pub Date: May 2016,Pages:221
Book Link1: `https://pothi.com/pothi/book/dr-chandrakant-naikodi-computer-programming`
Book Link2: `https://www.amazon.in/COMPUTER-PROGRAMMING-Dr-Chandrakant-Naikodi/dp/9352656245`
Book Link3: `https://www.flipkart.com/computer-programming/p/itmejh5spfbzvw8m`

7. *Comparative Study of C++ and PHP*, **Chandrakant N**, Educreation Publishing, ISBN: 9781545718445, Edition: 1 - Pub Date: March 2018,Pages:111
Book Link1: `http://www.bookscamel.com/index.php?route=product/search&search=chandrakant%20naikodi`
Book Link2: `http://www.bookscamel.com/index.php?route=product/product&product_id=1234&search=chandrakant+naikodi`
Book Link3: `https://www.amazon.in/s/ref=nb_sb_noss/260-2458261-8657456?url=search-alias%3Daps&field-keywords=chandrakant+naikodi`
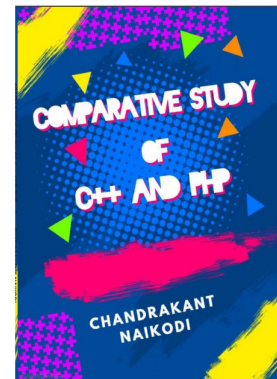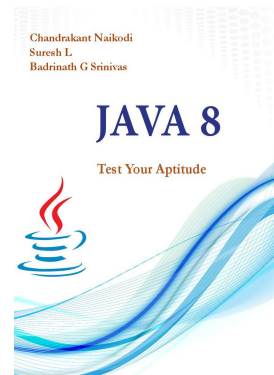
8. *Comparative Study of C++ and Java*, **Chandrakant N**, Educreation Publishing, ISBN:9781545718636, Edition: 1 - Pub Date: March 2018,Pages:299
Book Link1: `http://www.bookscamel.com/index.php?route=product/product&product_id=1257&search=chandrakant+naikodi`
Book Link2: `http://www.bookscamel.com/index.php?route=product/search&search=chandrakant%20naikodi`
Book Link3: `https://www.amazon.in/s/ref=nb_sb_noss/260-2458261-8657456?url=search-alias%3Daps&field-keywords=chandrakant+naikodi`
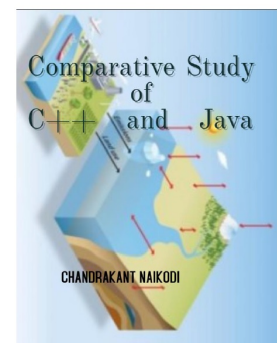
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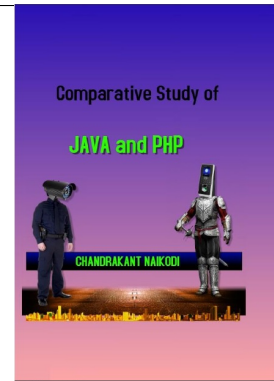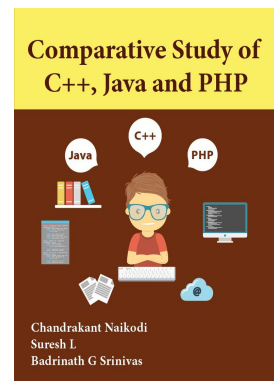
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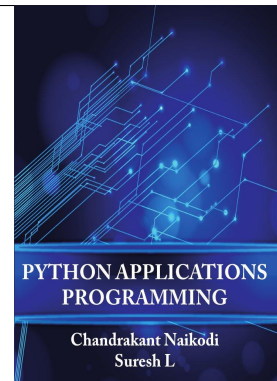
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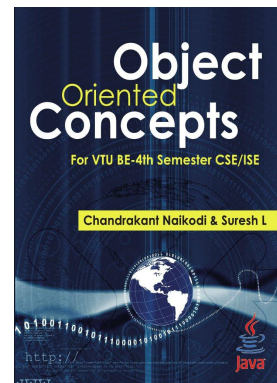
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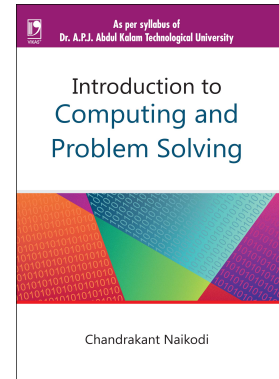
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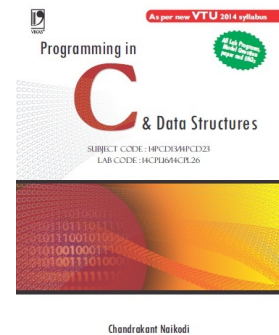Book Link1:`https://pothi.com/pothi/book/dr-chandrakant-naikodi-test-your-aptitude-cc-java-and-php`
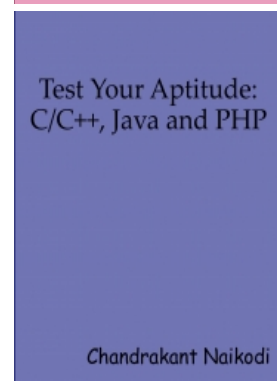
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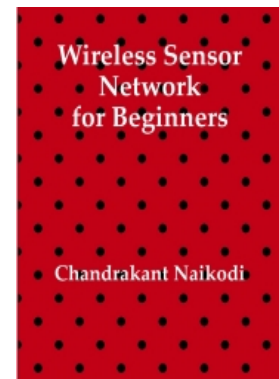
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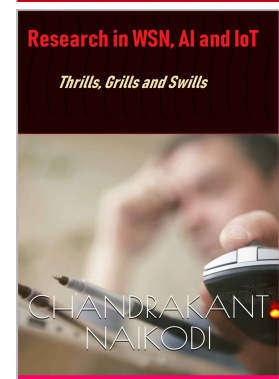
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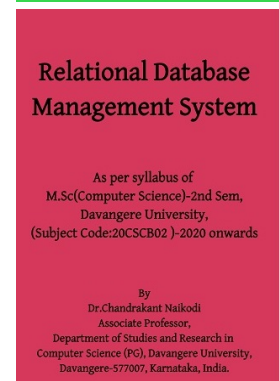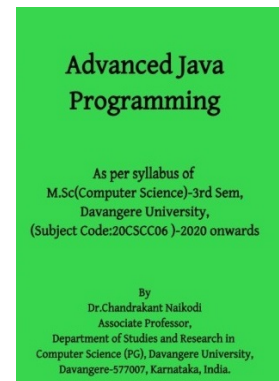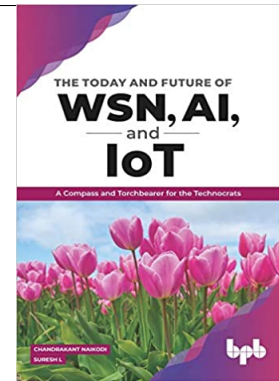
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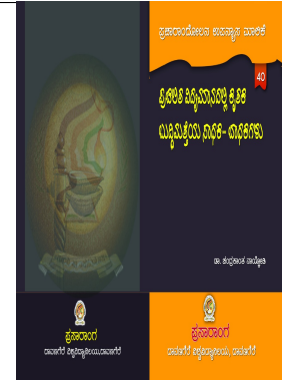
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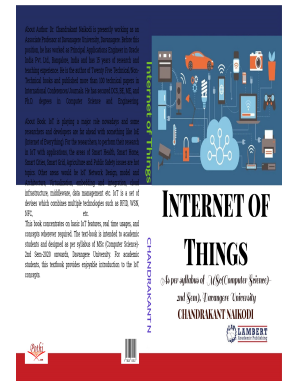
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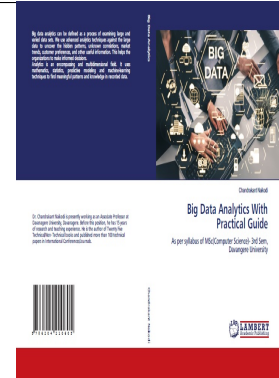
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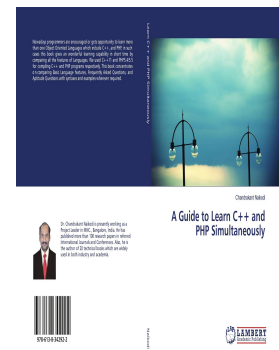
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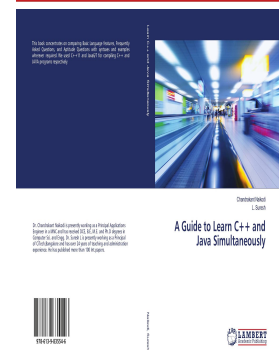
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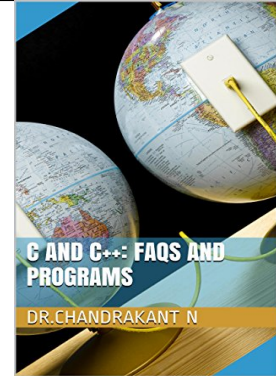
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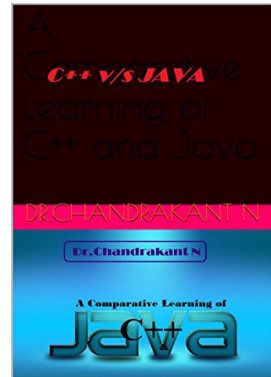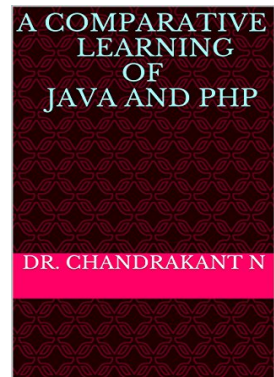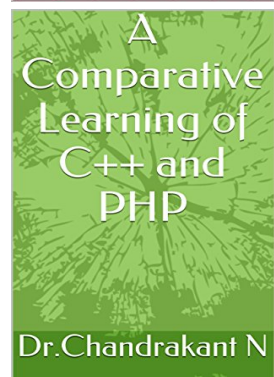   `UTF8&qid=1530629445&sr=1-6`
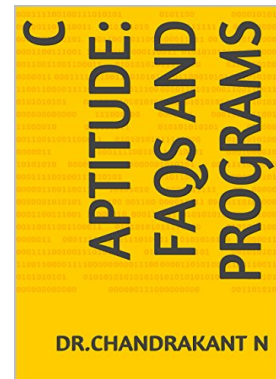
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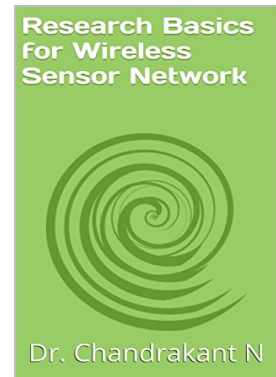
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As a Session Chair or Moderator or Reviewer

1. As a Head of the Session at 6th International Caucasus-Central Asia Foreign Trade and Logistics Congress held on Sept 30th to Oct 1st 2022 at Sivas Cumhuriyet University, Sivas, Türkiye.

2. As a Moderator of the Session at III INTERNATIONAL URBAN RESEARCH CONGRESS, UKASS 2022 held on November 21-22, 2022, Aksaray-Türkiye Aksaray University

3. As a Moderator of the Session at 6TH ANKARA INTERNATIONAL CONGRESS ON SCI-ENTIFIC RESEARCH held on Apr il 1 -3, 2022 / Ankara, TURKEY

4. As a Moderator of the Session at 12th INTERNATIONAL CONFERENCE ON ENGINEER-ING AND NATURAL SCIENCES December 24-25, 2021 / BINGOL, TURKEY

5. As a Head of the Session at BASKENT AND INTERNATIONAL CONFERENCE ON MUL-TIDISCIPLINARY STUDIES February 24-25, 2022 / Ankara, Turkey

6. As a Moderator of the Session at AL-FARABI 4th INTERNATIONAL CONGRESS ONAP-PLIED SCIENCES August 19-21, 2022 Erzurum, Türkiye

7. As a Reviewer of International Conference on Advanced Network Technologies and Intelli-gent Computing (ANTIC-2021) held online at Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India during December 17-18, 2021.

8. As a Moderator of the Session at International Social Sciences Congress in the Age of Digital Transformation held on 11-12 November 2022/Istanbul, Türkiye Halic University

9. As a Moderator of the Session at I International Anglo-American Cultural and Literary Studies Symposium held on November 16-18, 2022 / Mersin, Türkiye

10. As a Reviewer of WIECON-ECE 2020 technical papers which are submitted to WIECON-ECE 2020.

Paper Publications:

Refereed International Journals(UGC Approved):

1. **Chandrakant N**, "Achieving MANETs Security by Exchanging Path Oriented Keys and Pri-ority Based Secured Route Discovery", *International Journal of Innovation and Applied Stud-ies(IJIAS)*, ISSN: 2028-9324, Volume-5, Issue-3,2014, pages 294-300,(UGC Approved Journal No. 45539:
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`https://www.researchgate.net/journal/2028-9324_International_Journal_of_Innovation_and_Applied_Studies`)

2. **Chandrakant Naikodi**, "SRF Strategy for Heterogeneous SWSN", Aryabhatta Journal of Mathematics and Informatics, Vol.09 Issue-01, (January - June, 2017) ISSN: 2394-9309 (E) / 0975-7139 (P), Page No.: 159-163, (UGC Approved Journal No.8661:
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2. **Chandrakant Naikodi**, "Potential Applications of IOTs Beyond Imagination",1st INTERNATIONAL ARCHITECTURAL SCIENCES AND APPLICATIONS SYMPOSIUM (IArcSAS-2021), ISPARTA- TURKEY, OCTOBER 27-29, 2021, ISBN: 9786257464512

Industrial Projects(Development):Past

1. PLM PPM (From May-2006 to April-2007):
   Technology: Java/J2EE and SQL,
   Team Size: 15
   Organisation: Agile Software Ent.Pvt.Ltd(acquired by Oracle INDIA Pvt Ltd)
   This project addresses managers and executives who use Agile PPM to record, monitor, and track progress of projects and programs. PPM has features that enable you to plan, manage, and execute projects. You can classify the features of PPM into the following categories: Project Planning, Resource Management, Project Collaboration and Project Tracking. Executives use the PPM Dashboards to view portfolio data pertaining to all projects or programs. This includes risks such as schedule slips, lack of resources, and project cost that directly contribute to the overall status of the project.

2. Agile PLM SDK (Software Development Kit) (From Jan-2007 to July-2007):
   Technology: Java/J2EE and SQL,
   Team Size: Five,
   Organisation: Agile Software Ent.Pvt.Ltd(acquired by Oracle INDIA Pvt Ltd)
   The Agile PLM SDK is a collection of tools, application programming interfaces (APIs), sample applications, and documentation. It is used to build custom applications that access Agile Application Server functionality. By using the Agile SDK, you can create programs that perform tasks automatically against the Agile PLM system. The Agile SDK enables to integrate the Agile PLM system with ERP applications or other custom applications, develop applications to process product data and perform batch operations against the Agile Application Server.

3. Agile PLM Change Cast tool (From Jan-2007 to July-2007):
   Technology: C++ and Java
   Team Size: Two,
   Organisation: Agile Software Ent.Pvt.Ltd(acquired by Oracle INDIA Pvt Ltd)
   Agile ChangeCAST works with ERP-specific profiles to update your enterprise resource planning (ERP) systems with the latest Item, Bill of Material (BOM), and Manufacturer information from Agile. It is the enterprise application connectivity application provided by Agile Software Corporation (Agile). Once you install and set it up, Agile Change CAST is always on duty to transfer information from the Agile database to your enterprise resource planning (ERP) system. Since the information is transferred automatically without being re-entered, both cycle times and data entry errors are reduced. Agile users create Items (such as Parts and Documents) and release them by creating and releasing change orders. Agile Change CAST looks for released or implemented change orders.

4. Agile PLM Deep Compare Tool (From May-2008 to Jan-2009):
   Technology: Java, XML and BI Publisher
   Team Size: One,

Organisation: ORACLE India Pvt Ltd
This tool will help you to compare the objects at an attribute level. Each and every attribute of an object in the source will be compared with the ones in the target to bring out the differences in properties of the attributes. Data Sources supported for Deep Compare are (Source and Target) XML and Agile PLM. Deep Compare will be driven using the Control File. Control File will be used to control the objects and configuration types being compared. Only objects and configuration types specified in the control file will be compared. All other objects and configuration types will be ignored irrespective of whether they are available in the XML archive or Agile. Deep Compare will make use of BI-Publisher and End-User will not notice any actions of BI-Publisher other than outputting a report file (EXCEL file) in the current directory.

5. Agile PLM ACP Tool (From Feb-2008 to Aug-2010):
Technology: Java, XML and BI Publisher
Team Size: One,
Organisation: ORACLE India Pvt Ltd
Summary: This tool propagates the configuration of one instance of Oracle Agile PLM to another instance of the same version. Selectively import and export configuration data on Agile systems. Propagate tested configuration data from other environments to production. Export configuration data from an Agile instance to XML, and import configuration data from XML to an Agile instance. Every Agile PLM release has an associated ACP tool with new features or enhancements.

6. Agile PLM-Dataload Tool (From May-2007 to Aug-2010):
Technology: Java and SQL
Team Size: One,
Organisation: ORACLE India Pvt Ltd
Summary: Dataload is a tool for loading pre-formatted Meta and business data using Agile supplied Microsoft Access and Oracle database tables into the Agile PLM system. Dataload tool will connect Source Data base (business data) and Target Data base (PLM data base), upon clicking on LOADING button it transforms the data from source to target. DataLoad is intended for Agile Certified Engineers. Every Agile PLM release has an associated Dataload tool with new features or enhancements.

7. iPhone Application for Oracle Agile PLM (931) Workflow Routings (From June-2010 to Aug-2010): Technology/Tools/IDE: Java, Web Service, WSDL, JDeveloper-ADF, JSPX, POJO, Apache-AXIS, Weblogic App Server, Linux,OBIEE,SOA,zDB
Team Size: One,
Organisation: Oracle India Pvt Ltd
Summary: This application support for approving a Change Order or Change Request using a mobile device, such at the iPhone by using web services. The user will select the changes from their Workflow Routings and approve via the iPhone. This implementation involves, the Workflow Routings related to Changes will be displayed via the iphone.The user clicks on a Change to see details.An Approve and Reject button will be available in addition to the Close button.A comments field will also be available for approval or rejection.

8. Historical Analysis in Embedded Analytics: (June-2010 to Dec-2010):
Technology/Tools/IDE: ORACLE ODI, OBIEE,Fusion Zip DB, Java, ADF
Team Size: 2,
Organisation: ORACLE India Pvt Ltd
Summary: Historical Analysis provides a mechanism to generate diagnostic reports which are based on historical data. There are several tools available to generate historical data ((e.g. ODI) and to build trending reports based this data (e.g. OBIEE). The Objective of this project is to learn ODI, OBIEE and implement some sample trending reports performed on historical data and integrate them with fusion applications.
This Project contains several parts:
•Install, Learn and Configure ODI to build historical data on CNM Module(Customer Needs Management).

•Install and configure OBIEE .Learn basics of modelling and building reports (Tabular and Graphical) using BI Presentation Services.

•Use CNM module to model some sample trending use cases. Consider using Fusion CNM Application Prototype.

•Integrate into the dashboard page of Fusion CNM Application Prototype. As part of this project the below use cases would be addressed on CNM Module.

•How many ideas are getting added, updated, deleted in CNM over a period of time.

•How are the statuses of Ideas getting changed over a period of time

•What is the trend of Active ideas over a period of time in the CNM.

9. Fusion Middleware for Oracle Agile PLM and PIM (Started on June-2010-Aug 2013):
Technology/Tools/IDE: Java, Web Service, WSDL, JDeveloper-ADF, JSPX, POJO, Apache-AXIS, Weblogic App Server, etc
Team Size: 20,
Organisation: ORACLE India Pvt Ltd
Summary: Developed few features like Item Search Extension in PIM.

10. PIM EFF(Extensible Flex Field)(Started on Sep 2013 -Dec 2013): Technology/Tools/IDE: Java, Web Service, WSDL, JDeveloper-ADF, JSPX, POJO, Apache-AXIS, Weblogic App Server, etc
Team Size: 20,
Organisation: ORACLE India Pvt Ltd
Summary: Extended PIM-EFF framework in Product Collaboration(PC) as these attributes are highly flexible enough to add and customize as needed.

11. Product Development(Product Collaboration) using Oracle Fusion Middleware (Started on Jan 2014-June 2014):
Technology/Tools/IDE: Oracle Middleware, Java, Web Service, WSDL, JDeveloper-ADF, JSPX, POJO, Apache-AXIS, Weblogic App Server, etc
Team Size: 20,
Organisation: ORACLE India Pvt Ltd
Summary: Developed features like Creating product items, Product item compare, Duplicating product items, Deleting product items, etc.

12. Send Notification using Oracle SOA Composite in Product Collaboration (Started on June 2014-till now):
Technology/Tools/IDE: Oracle Middleware, SOA framework(Mediator, BPEL,COMPOSITE, Human Task etc), Java, Web Service, WSDL, JDeveloper-ADF, JSPX, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:Sending a Notification to selected users about object details, and end user can view this notification. In another usecase, SOA Composite can intern call a webservice to trigger task execution in other projects upon certain conditions.

13. Data Base Schema Reporter and Multi DB Comparator (Started on Sept 2009-June 2010):
Technology/Tools/IDE: Java, SQL Apache-AXIS, Weblogic App Server, etc
Team Size: 4,
Organisation: ORACLE India Pvt Ltd
Summary: Features:
a. DB report: Text/PDF/RTF/EXCEL/HTML This is a detail report of a Database and generates details about TABLE, VIEW, INDEX, SYNONYM, FUNCTION, PACKAGE, TRIGGER, PROCEDURE, SEQUENCE, CLUSTER and SYSTEM.

b. Multi DB Schema Compare report: PDF/RTF/EXCEL/HTML This is a comparison report of configuration of multiple Databases and generates details about TABLE, VIEW, INDEX, SYNONYM, FUNCTION, PACKAGE, TRIGGER, PROCEDURE, SEQUENCE, CLUSTER and SYSTEM.

c. Multi DB Unique Data Compare: PDF/RTF/EXCEL/HTML This is a comparison report of data of multiple Databases and generates unique data about TABLE, VIEW, INDEX, SYNONYM, FUNCTION, PACKAGE, TRIGGER, PROCEDURE, SEQUENCE, CLUSTER and SYSTEM.

d. Multi DB Difference Data Compare: PDF/RTF/EXCEL/HTML This is a comparison report of data of multiple Databases and generates differences about TABLE, VIEW, INDEX, SYNONYM, FUNCTION, PACKAGE, TRIGGER, PROCEDURE, SEQUENCE, CLUSTER and SYSTEM.

14. Flat Schema Report Generator (Started on Sept 2009-Jan 2010):
Technology/Tools/IDE: Java, SQL Apache-AXIS, Weblogic App Server, etc
Team Size: 4,
Organisation: ORACLE India Pvt Ltd
Summary: Features:
A) Use tool to maintain database schema over a period by using Flat Schema Reporter
B) End user can generate,
.txt file for memory saving (but separated by delimiters).
.pdf (BI Report) file for non Editable Format
.xls(BI Report) file for Excel sheet for Filtering/Editing/charting etc
.html and .rtf(BI Report) files for future usages
Here any one of .txt and BI Report is optional.
At a time a user can generate maximum 2 reports ie. .txt and .pdf/.xls/.rtf/.html.

15. Multiple Database data/configuration Comparator-Phase I(Started on Jan 2010-Oct 2010):
Technology/Tools/IDE: Java, SQL Apache-AXIS, Weblogic App Server, etc
Team Size: 4,
Organisation: ORACLE India Pvt Ltd
Summary: Features:
.pdf file for non Editable Format
.xls file for Excel sheet for Filtering/Editing/charting etc
.html and .rtf files for future usages

How this tool works:
Flat Schema Report Generator is required one database connection to view details and End user can generate report
.txt and /or .pdf/.xls/.rtf/.html. Each time whenever report generated, a TimeStamp is suffixed.

Multiple Database configuration/data Comparator is required two/more databases connections to view compare reports and End user can generate report
.pdf/.xls/.rtf/.html. Each time whenever report generated, a TimeStamp is suffixed.

16. Multiple Database data/configuration Comparator-Phase II(Started on Nov 2010-Feb 2011):
Technology/Tools/IDE: Java, SQL Apache-AXIS, Weblogic App Server, etc
Team Size: 4,
Organisation: ORACLE India Pvt Ltd
Summary: Features:
Privilege Comparison - This level will perform a comparison between all privileges granted to the user, System privileges, Role privileges and/or Object privileges are compared.

Sequence Comparison - This level will perform a comparison between all sequences found on the databases, it can also compare the "last value" of the sequences.

Table Structure Comparison - This level will perform a comparison between all table structures accessible to the user.

Index Comparison - This level will perform a comparison between all the indexes found on all the tables that are common to the databases.

Constraint Comparison - This level will perform a comparison between all constraints found on the databases, both System generated constraints and/or User generated constraints are compared.

Table Data Comparison - This level will perform a comparison of all the data found in common tables (including their columns) between the databases. It uses a heuristic algorithm to place the rows that have differences in a manner that makes sense for the user to review.

View Data Comparison - This level will perform a comparison of all the data found in common views.

Trigger Comparison - This level will perform a comparison between all triggers.

View Structure Comparison - This level will perform a comparison between all views' source.

Function Comparison - This level will perform a comparison between all the functions.

Package Comparison - This level will perform a comparison between all the packages.

Package Body Comparison - This level will perform a comparison between all the packages body.

Stored Procedure Comparison - This level will perform a comparison between all the stored procedures.

Type Comparison - This level will perform a comparison between all the types.

Type Body Comparison - This level will perform a comparison between all the types body.

In order to make it easy to understand the output of the comparison, DBDiff for Oracle creates a report that includes all the differences in a user friendly manner. Also reported is other useful information about the databases and the comparison.

17. Change Relationship For Neutral Objects(Started on Sept 2015-Nov 2015):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 4,
Organisation: ORACLE India Pvt Ltd
Summary:
Developing a cross relationship based framework for Change Objects. This will enable to add Change-Objects into other objects like Item/MFR/Ideas/Concepts, etc.

18. PLM Workflow (Started on Jan 2015-Oct 2015):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 8,
Organisation: ORACLE India Pvt Ltd
Summary:

Developed a object routing framework for PLM Objects. This will enable move from one status into other status like Approved, UnApproved, etc.

19. Applcore DFF Integration (Started on Jan 2015-Oct 2015):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:
Descriptive flexfields provide customizable "expansion space" on your forms. You can use descriptive flexfields to track additional information, important and unique to your business, that would not otherwise be captured by the form. Descriptive flexfields can be context sensitive, where the information your application stores depends on other values your users enter in other parts of the form. I have integrated this feature into Items and change objects of PLM.

20. Infotile Design in PLM (Started on Feb 2014-Nov 2014):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 5,
Organisation: ORACLE India Pvt Ltd
Summary:
Developed a feature called Infotiles for PLM Overview and object overview to display quick data like number of affected objects, change orders, BOM, Status, etc.

21. History Logger in PLM (Started on Dec 2013- July 2014):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:
Here action of user is logged against each object wherever user touches object with actions. Actions include Update/Adding relations/affected objects, etc.

22. Search Development for Items(Started on Dec 2012- July 2013):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:
Developed a search engine for Items in PLM to search Items and click on it to see more details.

23. Search Development for Changes(Started on Dec 2012- July 2013):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:
Developed a search engine for Changes in PLM to search Changes and click on it to see more details.

24. Structure Design for Items(Started on April 2011- May 2011):
Technology/Tools/IDE: Oracle Fusion, Java, SQL, Apache-AXIS, Weblogic App Server, etc
Team Size: 1,
Organisation: ORACLE India Pvt Ltd
Summary:
BOM(Bill of Material) is developed for Items in PLM.

25. Oracle PLM Change Order Management (From Jan-2015 to Dec-2019):
Technology: ORACLE Fusion Tech. Stack, Java/J2EE and SQL,
Team Size: 10
Organisation: Oracle INDIA Pvt Ltd
Summary: When the engineers are done authoring a part's attributes and design information and are ready to publish it to the manufacturing system, they release the part on an Engineering Change Order (ECO) or Manufacturing Change Order (MCO). In addition, during the design phase, an assembly can go through multiple design changes, which are revision-controlled by means of ECOs. A design change may be accompanied by a change in specifications, which

can be attached as files to the item object. Within Agile PLM, the change release process used for releasing new parts and part updates (Revision, Manufacturer, and Site changes) uses three types of change orders:

ECO: used for releasing changes to design, attributes, and Bill of Materials (BOM). The ECO release results in the creation of a new revision for the item.

MCO: used for releasing changes to manufacturer, manufacturer parts and related attributes (Approved Manufacturer List information). The MCO does not result in a change of Revision.

Site change order (SCO): used for releasing changes to site and site-specific AML information. SCO does not result in a change of revision and life cycle phase. SCO is applicable only to a customer environment that has implemented Multi-Site.

26. Oracle PLM Item Management (From Nov-2015 to Dec-2019):
Technology: ORACLE Fusion Tech. Stack, Java/J2EE and SQL,
Team Size: 10
Organisation: Oracle INDIA Pvt Ltd
Summary: Agile PLM enables companies to manage individual product life cycles and to complete product portfolios and programs tied to product conception, design, launch, maturity, and phase-out. Primary users of Agile PLM are involved directly or indirectly in the product design. These users manage content in Agile PLM that often directly affects processes managed in other enterprise systems, such as JD Edwards EnterpriseOne, Manufacturing Execution Systems (MES), Customer Relationship Management (CRM), and so forth.

PhD Guiding:

- *Geetha P*: Awarded in Feb 2022.
- *Prabhakar BK* : Awarded in Feb 2024.
- *Bhaskar* : Perusing.
- *Shivakumar* : Perusing.
- *Ganga Shirisha* : Perusing.
- *Venkappanavar Basavaraja* : Perusing.

Country Visited:

- *USA*: 2008.
- *Dubai*: 2012.

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- Father Name: Dharmanna Naikodi
- Mother Name: Shantabhai Dharmanna
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