Dr. R. K. Somani
PHONE: 9414226262, email- rksomani1@gmail.com

OBJECTIVE – To discover new facts and guiding others for their successful life through continuous engagement in studies and research work.

- More than twenty three years of Teaching and Industrial experience.
- Always stood among toppers during academics.
- Involved in various projects and researches including Implementation of SAP-PP, Critical Factors effecting SAP implementation, Cloud Computing, Cloud based ERP System etc.
- Working as Principal, Dean (Engineering) and HOD (CSE Deptt., M.Tech, B.Tech).
- High Technical knowledge grasping & application ability with strong technical background.
- Experience of managing a team of 150 engineers.
- Highly self-motivated and eager to learn & grow within the organization.
- Quick learning abilities with commitment to prove himself in every new field.

Professional experience

1 ORGANISATION: SANGAM UNIVERSITY, BHILWARA
DESIGNATION: Dean (Engineering)
Subject taught: Cloud computing, Trends in Engineering, Software Engineering, Industrial Engineering.
DURATION: From June 2023 to till date.

2- ORGANISATION: Bal Krishana Institute of Technology, Kota (Rajasthan)
 DESIGNATION: Principal
Subject taught: Programming In C, Cloud Computing, DSA, C++, Programming in Python, Web Technology, Software Engineering, ERP System, Operating System, Software project management, Machine Drawing, Elements of Mechanical Engineering, Engineering Thermodynamics, Manufacturing processes, Industrial engineering.
DURATION: From December 2017 to 2023.

3- ORGANISATION: Modi Institute of Technology, Kota (Rajasthan)
DESIGNATION: Principal
Subject taught: Programming In C, DSA, C++, Programming in Python, Web Technology, Software Engineering, ERP System, Operating System, Software project management, Management Information System, Machine Drawing, Automobile Engineering, Elements of Mechanical Engineering, Engineering Thermodynamics, Manufacturing processes, Industrial engineering.
DURATION: From 12 Feb 2015 to 13 Nov 2017.

4- ORGANISATION: Institute of Technology and Management, Bhilwara (Rajasthan)
DESIGNATION: Associate Professor
Subject taught: Data Warehousing And Mining, Open Source Technology, Programming In C, C++, Data Structure, Management Information System, Enterprises Resource Planning System, Operating System, System Analysis And Design, Software Engineering, High Performance Scientific Computing , Software System Design, Distributed System etc.
Machine Drawing, Elements of Mechanical Engineering, Engineering Thermodynamics, Manufacturing processes. Production Planning and Control, Material Management, Operation Management, Internet Technology, Computer Application in Management, Information Technology in Management.

 KEY RESPONSIBILITIES:

- Core Team Member during SAP Implementation in Sangam India Ltd.
- ERP Implementation in college.
- OFC Landscaping & WI/FI Implementation.
- Blade Server Installation.
- Different Lab establishment of Computer Engineering.
- Overall monitoring of academic activity at the Institute.

DURATION: From July 2003 to Feb 2015.

5-ORGANISATION: Testhorizon.com
  DESIGNATION: PROJECT MANAGER
  KEY RESPONSIBILITIES:
- Development of web site.
- Data preparation , uploading , maintenance of Testhorizon.com
DURATION: From May 2002 to June 2003.

6-ORGANISATION: DESIGN CONSULTANT**, Bhilwara**
KEY RESPONSIBILITIES:
- Preparing assessment of Computer system, Industrial m/c, automobile, marine accidental losses.
- Cost estimation of different type of fixed assets.
DURATION: From July 1997 to May 2002.

7-ORGANISATION: LOCTITE INDIA
  DESIGNATION: SERVICE ENGINEER
  KEY RESPONSIBILITIES:
- Crack detection of Industrial m/c, metal stitching.
- Online sealing of leakage, cold welding compound application
- Cost estimation & Quotation preparation of various industrial job
- Epoxy coating application & supervision.
  DURATION: From August 1992 to July 1997.

Qualification

- Ph.D. **Computer Science & Engineering** (Title-Design of Cloud based **ERP System**) from M.J.R.P University, Jaipur (2013).

- Master of Engineering in Mechanical Engineering (Production & Industrial Engineering) from M.B.M. Engg College, Jodhpur with 66% (2010).

- Bachelor of engineering in Mechanical Engineering from Engineering College, KOTA**,** with 63% (1992).

- 10th with 75% from Board of secondary education, Ajmer.

Books Publication

1. R.K. Somani, Stuti Saxena, "**Open Source Technology**", ISBN 978-81-905485-14-20, CBC publications Jaipur, 2008.

2. R.K. Somani, S. D. Kanawat, **"Software Engineering",** ISBN 978-81-905485-4-0, CBC publications Jaipur, 2008.

3. R.K. Somani, Apurva Pandey, **Data Mining & Warehousing**", ISBN 978-81-905485-4-0, CBC publications Jaipur, 2009.

4. R. K. Somani, Rohit Ranka, "**Operating system concepts"**, ISBN 978-81-905491-7-2, CBC publications Jaipur, 2009.

5. R.K. Somani, S. D. Kanawat, **"Advanced Software Engineering",** ISBN 978-81-905490-9-7, CBC publications Jaipur, 2010.

6. R.K. Somani, Anukrti Gupta, "**Management Information System"**, ISBN 978-81-905486-6-3, CBC publications Jaipur, 2010.

7. R.K. Somani, Alka Jhanwar, "**Web Technology"**, ISBN 978-81-905487-1-7 CBC publications Jaipur, 2010.

8. R. K. Somani, Neha Palod, "**ERP Systems"**, ISBN 978-81-905492-7-1, CBC publications Jaipur, 2010.

9. R.K. Somani, "**Data Mining & Warehousing**", ISBN 978-81-905485-4-0, CBC publications Jaipur, 2009.

<div align="center">

Research Papers (Conferences)

</div>

1. Paper presented in the National conference on ICT at **Sir Padmpath Singhania University, Udaipur** on title **"A design and development method of Indian Army Software System", 2010.**

2. Paper presented in the National conference on Challenges in Software Engineering Research and practices **at NC college of Engineering, ISRANA, Panipat,** on title **"Quality cost oriented software testing models", 2010.**

3. Paper presented in the **International** conference on Innovative practices in management and Information Technology for excellence, **at Maharaja Agrsen Institute of management and Technology, Jagadhari, Hariyana** on title **"Case study to build human brain on a silicon chip", 2010.**

4. Paper presented in the **International** conference on Innovative practices in management and Information Technology for excellence, **at Maharaja Agrsen Institute of management and Technology, Jagadhari, Hariyana** on title **"Finger Tip Recognition technology for machine learning with open CV", 2010.**

5. Paper presented in the **International** conference (ETNCC2011 IEEE) on Emerging Trends in Networks and Computer Communications, **at CTAE ,Udaipur , Rajasthan** on title **" Malicious Object Propagations Dynamics in the Network ",2011.**

6. Paper presented in the **International** conference (ICSMP2012) on Sustainable Management Practices, **at Faculty of Management Studies, Udaipur, Rajasthan** on title **"MIS & Cloud Computing for Textile Industries", 2012.**

7. Paper presented in the **International** Conference on Recent Trends of Computer Technology in Academia (ICRTCTA 2012), **at JRNRV University, Udaipur, Rajasthan** on title **"Strategies for selection of Cloud Testing technique and Tool",2012.**

8. Paper presented in the **International** Conference on Recent Trends of Computer Technology in Academia (ICRTCTA 2012), **at JRNRV University, Udaipur, Rajasthan** on title **"Research on ERP System Based on Cloud Architecture", 2012.**

Research Papers (Journals)

1. Raj Kumar Somani, Dr. Reena Dadhich, " Design of Cloud Computing based ERP model" , *International Journal of IT, Engineering and Applied Sciences Research* , Volume 2, No. 6, June 2013, pp. 39-43.

2. Raj Kumar Somani, Dr. Reena Dadhich, "Design of Cloud Computing Based MIS Model for Textile Industries", *International Journal of Engineering and Innovative Technology*, Volume 2, Issue 11, May 2013, pp. 70-75.

3. Raj Kumar Somani, Amit Bhati, "Partition based Hough Transformation for Real Time Road Lane Detection", *International Journal of Electronics and Computer Science Engineering*, Volume 2, Issue 4, May 2013, pp. 1117-1122, ISSN 2277-1956.

4. Raj Kumar Somani, Abhishek Singh, "Cost effective model for E-Learning", *International Journal of Engineering and Innovative Technology*, Volume 2, Issue 6, 2012, pp. 1117-1122, ISSN 2277-1956.

5. Raj Kumar Somani, Sachin Dev Kanawat, "Strategies for selection of Cloud Testing technique and Tool", *International Journal of Electronics and Computer Science Engineering*, Volume 2, Issue 4, 2012, pp. 1117-1122, ISSN 2277-1956.

6. Raj Kumar Somani, Rajendra Kachawa, Vikas Kurdia, "Load Balancing for Jboss Clustering with Messaging Service", *International Journal of Computer Technology & Research* , ,Volume 1, Issue 2, December 2012, pp. 142-147, ISSN 2319-8184.

7. Raj Kumar Somani, Indiver Purohit "Hybrid Cryptography Algorithm Based on Prime Factorization", International Journal of Recent Development in Engineering and Technology, Volume 2, Issue 2, 2014, pp. 90-95, ISSN 2347-6435.

8. Raj Kumar Somani, Jyotsana Ojha, "**A Hybrid Approach for VM Load Balancing in Cloud Using CloudSim**", International Journal of Science ,Engineering and Technology Research, Volume 3, Issue 6, 2014, pp. 1734-1738, ISSN 2278-7798.

9. Raj Kumar Somani, Reena Gupta, "BMM Filtering Approach for Image Enhancement of Indian High Security Registration Number Plate", International Journal of Engineering and Computer Science, Volume 3, Issue 7, 2014, pp. 7112-7118, ISSN 2319-7242.

10. Raj Kumar Somani, Niketa Singhal, "Convergence of CRM, BPM, DM and Cloud Computing for SME's", International Journal of advance Research in Computer Science and Software Engineering, Volume 3, Issue 11, 2013, pp. 1028-1131, ISSN 2277-128X.

11. Raj Kumar Somani, Apurva pandey, "Cloud Computing Based Sales Forecasting System For Small And Medium Scale Textile Industries ", International Journal of Technological Exploration and Learning, Volume 2, Issue 6 December 2013, pp. 1028-1131, ISSN 2319-2135.

Reviewer Research Papers

1 Journal of Network and Computer Applications, Elsevier

2 International Journals of Scientific Research Engineering &Technology

Professional Membership

1 Institute of Engineers Life Member

2 International Journals of Scientific Research Engineering &Technology

Personal Profile

Date of Birth: 4th Sept1969
Languages Known: English, and Hindi.
Permanent Address: Purani Dhan mandi, Bhilwara (Raj)
Hobbies: Reading, Playing cricket.

(Dr R. K. Somani)