# RESUME



**Dr. Manoj Kumar Shukla**

Presently **Director, Rajkiya Engineering College, Kannauj**

# Professor, Department of Electronics Engineering Harcourt Butler Technical University, Kanpur 208002

**(Formerly known as Harcourt Butler Technological Institute)** **Email:** [**manojkrshukla@gmail.com**](mailto:manojkrshukla@gmail.com) **,** [**manojkrshukla@hbtu.ac.in**](mailto:manojkrshukla@hbtu.ac.in)**Mob: +91 9721456021**

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**Educational Qualifications**

* Passed High School and Intermediate in 1982 and 1984 respectively from Govt. Inter College, Fatehpur (U.P.), India securing first division.
* Graduated (**B.E.**) in **Electronics Engineering** from **Amravati University, India** in 1989 securing 73.55 % and post-graduated (**M.Tech.**) from **Motilal Nehru National Institute of Technology (M.N.N.I.T.)**, **Allahabad, India** in 2004 with 8.5 CPI.
* Completed **Ph.D**. in June, 2011 from **M.N.N.I.T., Allahabad, India** in Electronics & Communication Engineering with topic “Performance Evaluation of Interleave Division Multiple Access (IDMA) Scheme in Wireless Communication”.

# Acedemic Experience

1. Current – from Feb 2015 ***Professor****, Department of Electronics Engineering, Harcourt Butler Technical University, Kanpur*
2. Feb 2007 - Feb 2015: ***Assistant/ Associate Professor****, Department of Electronics Engineering, Harcourt Butler Technical University, Kanpur*
3. March 2004-Jan 2007 ***Assistant Professor*,** *Department of Electronics & Comm.*

*Engineering, Dehradun Institute of Technology (DIT), Dehradun, India*

1. Jan 2000-July 2002 ***Lecturer,*** *Department of Electronics & Comm. Engineering, Babu Banarasi Das National Institute of Technology & Management (BBDNITM),*

*Lucknow, India*

1. Nov. 1997-Jan 2000 ***Assistant Manager***, *R&D and Production Engineering Department, Stynetics Technological Products, Delhi*
2. July 1989-Nov 1997 **Engineer/ Sr. Engineer**, *Calcom Electronics Ltd., Delhi, India.*

# Administrative Experience

* + **Director, Rajkiya Engineering College, Kannauj** since 27.01.2021
  + **Pro Vice Chancellor of HBTU Kanpur** since 30.11.2019 to 26.01.2021.
  + **Coordinator, STEP-HBTI, Kanpur** since 05.08.2017 to 04.08.2020.
  + **Registrar of HBTU Kanpur** 05.06.2018 to 30.11.2019.
  + Member in **Board of Studies** (BoS) of Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow since2016 to 2018, and HBTU Kanpur till date.
  + Engaged as Member in **Board of Studies** (BoS) of **Rajkiya Engineering College, Kannauj** since 28.06.2017 to 27.06.2019.
  + Member, **Advisory Board, Greater Noida Institute of Technology**, Greater Noida
  + Working as **Officer In-charge of Communication Systems** at H.B.T.I., Kanpur, India.
  + **Controller of Examinations** in HBTI from Oct., 29, 2014 to June, 22, 2015.
  + **Officer in-charge SPS** in HBTI from June 3, 2012 to Aug. 14, 2013.
  + **Hostel Warden** in H.B.T.I., Kanpur, India since 2008 to 2012.
  + **Assistant Supdt. Examination** in H.B.T.I., Kanpur, India since April 2007 to May 2012.

# Membership of Professional Bodies

* + Member, Institution of Electronics & Telecommunication Engineers (I.E.T.E.), India.(Member :LM 42710)
  + Member, Indian Society of Technical Education (I.S.T.E.), India (Member :M 150475)
  + Member, Institute of Electrical and Electronics Engineers (IEEE), U.S.A. (Member/Account: **92987329**)
  + Member, International Society for Electronics & Electrical Engineers (ISEEE), U.S.A.

# Details of Research work Supervised/Supervising

1. **Ph.D. Thesis Supervision Completed: 04 In process: 03**

# M.Tech. Thesis Supervision Completed: 29

# Books Authored

Book chapter on **“Modeling and Designing of E-bike for Local Use”** (ISBN 978-981-15-9251-

1. in Patel N., Bhoi A.K., Padmanaban S., Holm-Nielsen J.B. (eds) Electric Vehicles. Green Energy and Technology**. Springer, Singapore**.

Book “**Wireless and Mobile Communication**” with **OXFORD University Press** along with Prof. Upena Dalal, S.V.N.I.T., Surat, India. 2016.

**Advisory Committee & Editorial Board Member**

* 1. International Journal of Advances in Engineering & Technology "IJAET" (Ethopia)
  2. Bonfring International Journal of Research in Communication Engineering (ID: BIJ-ED- R1178) (India)
  3. International Journal of Scientific and Engineering Research (France)
  4. International Journal of Networks and Communications (Scientific & Academic Publishing, USA)
  5. American Journal of Computation, Communication and Control (AASCIT USA)
  6. HELIX Journal, India.

# Expert Lecture: 25 Key Note Addresses: 07 Session Chairs: 12

# Short term Course attended: 12 Short Term Course Organized: 04

# Short Term Course/ FDP as Resource Person: 14 Patent Published: 06

# Patents Awarded: 03

**Total Journal Publication (International): 50** SCI Indexed: 14 Scopus Indexed: 20

# Total Conferences (International): 55 Total Conferences (National): 14

**Industrial/ Research Experience**

* + 1. Completed a research project on Design of Low Voltage Operation B/W Television sets using S.M.P.S and Switching Circuit based Triacs in Calcom Electronics Ltd., Delhi.
    2. Completed a research project on Design of New B/W TV Chassis in Calcom Electronics Ltd., Delhi.
    3. Developed new smoke detector based on ionization principle in Stynetics Technological Products, Delhi.
    4. Convener of Steering Committee for products in Calcom Electronics Ltd., Delhi.

In this position, I was enjoying the position of Head of Production Engineering Department and was responsible for following activities.

# Field Called Rate (FCR) meetings on weekly basis for exploration for reasons of failures of TV sets in the field after sales, if any, with time bound correction schedules.

* + - * Coordination in New Model release starting form its design to field trials and final market release.
      * Incorporation of design changes from R&D to production department.
      * Establishment of new production lines as per requirements.
      * Assembly line balancing for smoothening the component/ production assembly process in assembly floors.

# References

1. **Prof. Shamsher Singh**

**Vice-Chancellor**

# Harcourt Butler Technical University

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# Prof. Rajeev Tripathi Director

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# Prof. Manindra Agrawal Professor

**Department of Computer Science & Engg.,**

**Indian Institute of Technology, Kanpur**

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