

RESUME



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Dr. NAIMUR RAHMAN KIDWAI

(LinkedIn profile: <https://www.linkedin.com/in/dr-naim-r-kidwai-05480752>)

QUALIFICATION

- | | | |
|---|------------|-----------------------------|
| Ph.D | April 2014 | IU, Lucknow |
| Topic: “ Efficient image coding for wireless sensor networks ” | | |
| Supervisor: Prof (Dr.) Ekram Khan, Department of Electronics Engineering, A.M.U. Aligarh | | |
| Thesis Submitted: 28 Jan 2013 Defense held : 07 Apr 2014 | | |
| M.Tech (Digital Communication) | 2006 | UPTU, Lucknow |
| (8.5 C.P.I.) 75% | | |
| Dissertation: “ Image Compression using wavelet decomposition and vector quantization ” | | |
| M.B.A. (Part time) | 1999 | J.M.I University, New Delhi |
| I division (6.77 C.P.I.) 67.7% | | |
| Major: Marketing, Minor: Finance | | |
| Project: “ Stagnant Sales in PCS Pvt. Ltd. - A Diagnostic Study ” | | |
| B.Sc. Engg. (Electronics) | 1996 | A.M.U, Aligarh |
| I division (7.315 C.P.I.) 68.32% | | |
| Project: “ Infrared remote controlled electronic digital lock ” | | |

CERTIFICATIONS

- [1] Successfully completed three credit *Elite certification* on [E Business](#) conducted by NPTEL and Indian Institute of Technology Kharagpur in July-Oct 2017
- [2] Successfully Completed certification of [The Online Digital Marketing Fundamentals](#) conducted by **Google** in partnership with ISB and FICCI on 22 Jan 2018

HONORS AND AWARDS

- Successfully completed with **Top Performer** seal in 2-week FDP program on [FDP 301x; Mentoring Educators in Education Technology](#), conducted by IIT Bombay under NMEICT (MHRD) in the duration 17 May -05 July 18.
- Chaired a Technical session in National Conference on “[Emerging trends in Non-Conventional Energy Resources \(ETNCER-16\)](#)” organized by Integral University Lucknow on 22 Oct 16
- **Award of Excellence** for being amongst the top performers in 4-week AICTE approved FDP program on [Use of ICT in Education for online and blended learning](#), sponsored by SAP India Pvt Ltd and organized by IITBombay an online learning initiative, of IIT Bombay under the National Mission on Education through ICT (MHRD) in the duration 02 May -10 July 16.

- Privileged to be **Faculty Associate/ Mentor** in FDP of IIT Bombay on “Foundation program in ICT for Education” in the duration 03 Aug 17 to 07 Sep 17 and “Pedagogy for Online and Blended Teaching-Learning Process”, in the duration 14 Sep 17 to 30 Dec 17.

SKILLS:

- Research
- Training
- Online learning/ OER creation
- Teaching/ Curriculum Development
- Electronic Communication/Signal Processing/Image Processing/Digital Electronics
- Programming/ logic design
- MATLAB/ Python Programming

EXPERIENCE

21+years

TEACHING EXPERIENCE (17+years)

Since Feb 07, 2019- till date

Professor

Integral university, Lucknow

- Dy. Director IQAC since Aug 2019
- Leading team for MooC FDP under the aegis of HRDC Integral University, Lucknow
- Courses taught: Project Finance
Biomedical Sensors and Transducers
Digital Electronics

Since July 1, 2016- Jan 31, 2019

Professor

Jahangirabad Institute of Technology,

Barabanki

- Dean, Faculty of Engineering,
- IQAC head for 16-17
- Leading team for online learning initiatives, JIT LMS and OER creation
- Courses taught: Principles of Communication
Signals & Systems,
Engineering Economics
Electronic Measurement and Instrumentation
Basic Electronics
Digital Electronics

Jan 11, 2011-June 30 2016

Integral University,

Lucknow

Associate Professor

Department of ECE,

Mar 2015- June 2016

Jr. Associate Professor

Department of ECE,

Aug 2012- Feb 2015

Assistant Professor

Department of ECE

Jan 2011-July 2012

- Member Proctorial Team, Integral University (2012-16)
- Member Academic Council, Integral University (2013-16)
- Member, Research Development committee, Computer applications, Integral university 2015-16.
- Member of working committee of IQAC, Integral University (2015-16)
- Member of departmental committee for curriculum development and learning resources development
- Member of committee for curriculum development of M.Tech (Renewable Energy Technology) (2015-16)

- Member of committee for curriculum development of Dual Degree program of B.Tech (ECE)& M.Tech (Solar PV Engineering)
- Member of committee for curriculum development of B.Sc. (Physics, Mathematics, Electronics) program
- Contribution in introducing the course on “Solar Energy & Entrepreneurship” for B. Tech ECE curriculum (2015-16)
- Actively involved in NBA and NAAC visit preparations of the department
- Member Technical Program Committee of International Conference on Advancement in Computer Engineering and Information Technology (ACEIT-2016), Integral University
- Courses taught:
 - Signals & Systems,
 - Electronic measurement & Instrumentation,
 - Digital communication,
 - Analog communication System,
 - Wireless communication,
 - Electromagnetic Field theory,
 - Microwave Engineering,
 - Solar Energy & Entrepreneurship
 - Project Finance,
 - Finance Management,
- M.Tech. Thesis guided 10

○ A. Maurya	“Electronically Tunable Active-C Current-mode Universal Filter CCCII and OTA”	Oct 2015
○ Vineeta Kumari	“Low Complexity Viterbi Decoder by Using Trellis Structure”,	July 2015
○ Fauzia Khursheed	“Comparative Study of RFID Using SISO and MIMO”	July 2015
○ Mohd Ahmer	“Design of CORDIC Hardware Efficient Shift-And-Add Algorithm for DSP Processors on FPGA Device using VHDL”	May 2014
○ Imroz Alam	“Clock Period Minimization Through Retiming Technique”	May 2014
○ Mohd Asif Ali	“Face recognition system”,	May 2014
○ Shobhraj	“Fingerprint Recognition System”,	May 2014
○ Farha	“Analysis of SPIHT and its low memory versions”	May 2014
○ Aradhna Yadav	“Image enhancement with brightness preserving Algorithm using Fuzzy Statistics Based contrast Equalization”	July 2014
○ Mahesh Chandra	“Multiple Description Coding Of High Definition Image”	Apr 2013

July 2000- Dec 2010

Azad Institute of Engineering and Technology, Lucknow

- Worked as Assistant Professor in Department of Electronics Engineering, since July 2005-Dec 2010 (Confirmed by selection committee in 2007)
- Was Head of the department for six years (July 2002 to Oct 2008).
- Joined the institute as a lecturer and got two promotions as Sr. lecturer and Assistant Professor.
- Course taught:
 - Signals & Systems,
 - Communication system,
 - Digital Communication,
 - TV & Satellite communication
 - Satellite communication
 - Basic Electronics
 - Digital Electronics
 - Computer Organization and Architecture
- Lead the department for accreditation of its B.Tech program by NBA (National Board of Accreditation)-AICTE for three years (12 September 2007-11 Sep 2010).
- Member of various committees like academic advisory, disciplinary committee,

- Officer in charge library since Sep 2000 to July 2010.
- Coordinator of National conference on “Evolving role of Universities” on 19-20 Feb 2008 in Azad IET.

INDUSTRIAL EXPERIENCE:(04 years)

Jan2000-Jun2000	Promoted a company “Acumen measurements & Consultancy Pvt. Ltd.” New Delhi, and acted as a consultant for the NABL Accreditation of the calibration division.
June1998-Dec 1999	Sr. Engineer (Calibration) Precision Calibration & Services Pvt Ltd, New Delhi
Sep 1997-May 1998	Customer Support Engineer Turbo Consultancy & Services Pvt. Ltd, New Delhi
Aug 1996-Aug1997	Service Engineer, Protection Engineers & Consultants, New Delhi

PUBLICATIONS:

JOURNAL

- [1] Bajpai S, Singh H.V., **Kidwai N. R.**, (2019), [3D Modified Wavelet Block Tree Coding for Hyperspectral Images](#), *Indonesian Journal of Electrical Engineering and Computer Science* (Scopus Indexed), Vol 15, issue 2, pp. 1001-1008, ISSN: 2502-4752
- [2] Bajpai S, **Kidwai N. R.**, Singh H.V., Singh A.K., (2019), [3D Wavelet Block Tree Coding for Hyperspectral Images](#), *International Journal of Innovative Technology and Exploring Engineering* (Scopus Indexed), Vol 8, issue 6C, pp. 64–68, ISSN: 2278-2075
- [3] Bajpai S, **Kidwai N. R.**, Singh H.V., Singh A.K., (2019), [Low memory block tree coding for hyperspectral images](#), *Multimedia Tools and Applications Springer* (Impact factor: 2.101), Vol 78, issue 19, pp. 27193–27209, Online ISSN: 1573-7721
- [4] Bajpai S, **Kidwai N. R.**, (2018), [Government’s Effort in Control Engineering Education in India](#), *Comparative Professional Pedagogy DE GRUYTER Online*, Vol 8, issue 1, pp. 75-83, ISSN: 2353-9518
- [5] Bajpai S, **Kidwai N. R.**, (2017), [Renewable Energy Education in India](#), *Comparative Professional Pedagogy DE GRUYTER Online*, Vol 7, issue 4, pp. 103-113, ISSN: 2353-9518
- [6] Kumar S., Usmani T., Prakash S., Saeed S. H., **Kidwai N. R.**, (2017), [Encoder Optimization using Collaborative Filtering with Dictionary Learning to Improve PSNR](#), *Advances in Computational Sciences and Technology*, Vol 10, issue 1, pp. 147-158, ISSN: 0973-6107
- [7] **Kidwai N. R.**, Khan E., Reisslein M. (2016), [ZM-SPECK: A Fast and Memory-less Image Coder for Multimedia Sensor Networks](#), *IEEE Sensors Journal* (Impact factor 1.889), Vol 16, issue 8, pp. 2575 – 2587, ISSN: 1530-437X
- [8] Tausif M., **Kidwai N. R.**, Khan E., Reisslein M. (2015), [FrWF-based LMBTC: Memory-Efficient Image Coding for Visual Sensors](#), *IEEE Sensors Journal* (Impact factor 1.889), Vol 15, issue 11, PP 6218 – 6228, ISSN: 1530-437X
- [9] Khursheed F., Saeed S. H., **Kidwai N. R.**, Rahman S. (2015), [RFID: In The World of Health Care](#), *International Journal of Life Sciences and Review (IJLSR)* (CIF 4.996), Vol 1, issue 2, pp. 34-40, ISSN (online) 2394-9864
- [10] Khursheed F., **Kidwai N. R.**, (2015), [Collision Recovery in RFID System](#), *International Journal of Electronics, Communication & Instrumentation Engineering Research and Development (IJECIERD)* (JCCIF 6.7847), Vol. 5, issue 3, pp. 61-76, ISSN: 2249-684X
- [11] Khan I. U., Kumar S, Saeed S H., **Kidwai N. R.** (2015), [Next Generation Video Coding Systems \(H. 265/HEVC\) and its Comparison from H. 264/AVC Video Codec](#), *International Journal of Engineering Technology, Management and Applied Sciences*, (DIIF 2.4) Vol 3, issue 4, pp. 42-45, ISSN 2349-4476
- [12] Pandey C., **Kidwai N. R.**, Pandey D. (2015), [Video Compression Using MATLAB](#), *Journal of Computing Technologies (SJIF 3.017)*, Vol. 4, issue 4, pp. 36-43. ISSN (online) 2278-3814
- [13] Kumari V., **Kidwai N. R.**, Alam M. (2015), [Low Complexity Viterbi Decoder by Using Trellis Structure](#), *International Journal of Electronics, Communication & Instrumentation Engineering Research and Development*(JCCIF 6.7847), Vol. 5, issue 3, pp. 37-50, ISSN 2249-684X

- [14] Ali M. A., **Kidwai N. R.**, Alam M., (2014), [Face Recognition System for Mobile Phone](#), *International Journal of Innovative Science, Engineering & Technology*(SJIF 5,264), Vol. 1 Issue 3, PP 500-503, ISSN 2348 - 7968
- [15] Shobhraj, **Kidwai N. R.**, Alam M., (2014), [Fingerprint Recognition System](#), *International Journal of Innovative Science, Engineering & Technology*(SJIF 5,264), Vol. 1 Issue 3, PP 504-512, ISSN 2348 - 7968
- [16] Chandra M., Prabhakar G., **Kidwai N. R.** (2013), [A Multiple Description Coding Method Based on Set Partitioning in Hierarchical Tree Algorithm for High Definition Image](#),*International Journal of Electrical and Electronics Engineering Research (IJEER) (JCC IF 7.8965)*, Vol. 3, No. 1, pp 55-60, ISSN 2250-155X
- [17] **Kidwai N. R.**, Khan E., Beg R., (2012), [A Memory Efficient Listless SPECK \(MLSK\) Image Compression Algorithm for Low Memory Applications](#),*International Journal of Advanced Research in Computer Science IJARCS (GIF: 0.765)*, Vol. 3 No. 4, 2012. pp 209-215, ISSN: 0976-5697
- [18] **Kidwai N. R.**, Alam M., Khan E., Beg R., (2012), [A Efficient Memory No List Set Partitioned Embedded Block \(NLSK\) Wavelet Image Coding Algorithm for Low Memory Devices](#), *International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP)*, SERSC, Korea, Vol. 5, No. 4, 2012, pp 93-106, ISSN: 2005-4254
- [19] **Kidwai N. R.**, Khan E., Beg R., (2012), [A Memory Efficient No List SPECK \(NSK\) Wavelet Image Coder for Memory Constrained Applications](#), *Journal of Remote Sensing & GIS (SJIF: 3.713)*, STM Journals publication, Vol. 2, No. 3, pp 1-16. ISSN: 2321-421X
- [20] Alam M., **Kidwai N. R.**, Khan E., Gopal Bal, (2012), [Modified Listless Set Partitioning in Hierarchical Trees \(MLS\) for Memory Constrained Image Coding Applications](#),*Current Trends in Signal Processing, (SJIF: 3.649)*, STM Journals, Vol. 2, No. 2, pp 1-11, ISSN: 2321-4252

CONFERENCES

- [1] Bajpai S., Singh H. V., **Kidwai N. R.**, (2017) “[Feature Extraction & Classification of Hyperspectral Images using Singular Spectrum Analysis & Multinomial Logistic Regression Classifiers](#)”, *International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2017)*, IEEE Xplore, pp 97 - 100
- [2] Khan K., Singh O., Khan I.U., Saeed S. H., **Kidwai N. R.**, (2016) “[Renewable Energy for Rural Applications and Its Promotion in Rural India](#)”, National Conference on *Emerging trends in Non-Conventional Energy Resources (ETNCER-16)* organized by Integral University Lucknow
- [3] Khan F. A., Alam M. Saeed S. H., Chandel V. S., **Kidwai N. R.** (2016), [Hybrid Electricity Generation from Solar PV, Speed Breaker and Traffic Sound for Automatic Street Light](#), Proceedings of ETNCER-16, *Advances in Physical Science Research*, Vol. 8, No. 2, pp. 32-41, ISSN 2321 – 9742
- [4] Farha, Alam M, **Kidwai N. R.**, (2014), [Analysis of SPIHT and its Low Memory Version](#), *National Conference On “Advance Research and Innovation in Science & Engineering” (ARISE-14)*, T. M. U., Moradabad, pp 24-29, ISBN 978-93-5174-106-0
- [5] Mishra S. K., Singh R.K., **Kidwai N. R.**, (2014), “[Memory Efficient and Less Complex Multiple Descriptive Coding Based On Set Partitioned Embedded Block Coder for Image Communication Over Wireless Channels](#)”, *National conference on challenges and opportunities for technological innovation in India COTII-2014*, Ambalika I. T.M., Lucknow, India
- [6] Husain D., Trivedi A.K., **Kidwai N. R.**, Alam M. (2014), [Design of hearing aid using Halfband filter](#), *National conference on challenges and opportunities for technological innovation in India COTII-2014*, Ambalika Institute of Technology & Management, Lucknow, India
- [7] Ali M. A., Siddiqui A. A., **Kidwai N. R.**, (2013), [A Review Study On Face Recognition System](#), *National conference on challenges and opportunities for technological innovation in India COTII-2013*, Ambalika Institute of Technology & Management, Lucknow, India
- [8] **Kidwai N. R.**, Alam M., Khan E., Beg R., (2011), [A Fast and Memory Efficient Wavelet Based Set Partitioned Embedded Block Image Coding Algorithm](#), *International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2011)*, IEEE Xplore, pp 320-323, ISBN 978-1-4577-1105-3
- [9] Kazmi M. S., Alam I., Pandey S., Srivastava A., **Kidwai N. R.**, (2010), [Online Automatic Text- Independent Speaker Recognition System](#), In *First International conference on emerging trends in signal processing & VLSI*, June 2010, GNEC Hyderabad, India, supported by IEEE.

- [10] Alam M., **Kidwai N. R.**, Gopal Bal, (2010), [Image De-noising using integer wavelet multilevel decomposition](#), In *First International conference on emerging trends in signal processing & VLSI*, June 2010, GNEC Hyderabad, India, supported by IEEE.

BOOKS/ BOOK CHAPTER PUBLISHED:

- [1] Naimur Rahman Kidwai, “[Signals & systems](#)”, Pragati Prakshan, 2001
- [2] N R Kidwai, “[Analog Communication System](#)”, Pragati Prakshan, 2002
- [3] Mohd Tausif, Naimur Rahman Kidwai, Ekram Khan, “[Low-memory image coder for wearable visual sensors](#)”, in Book titled “Wearable Sensors Application, Design and Implementation”, IOP Publishing, 2017

BOOKS REVIEWED:

- [1] “Electronic Devices and Circuits:” by K V Rao, K R Sudha, McGraw Hill Education 2015
- [2] “Basic Electrical and Electronics Engineering:” by R R Singh, McGraw Hill Education 2010

SEMINAR/ PRESENTATION/ TRAINING / INVITED TALK DELIVERED

- [1] Organized a MooC FDP training on [Outcome Based Education A NAAC perspective](#)” as a [Convener, Facilitator and Resource creation](#) organized by Deptt. Of ECE, under aegis of HRDC, Integral University, Lucknow for integral university faculty from September 19, 2019 to October 03, 2019
- [2] Organized a MooC FDP training on [Courseware Creation using Moodle for Outcome Based Education](#) as a [Convener, Facilitator and Resource creation](#) organized by Deptt. Of ECE, under aegis of HRDC, Integral University, Lucknow from July 08, 2019 to September 05, 2019
- [3] Conducted Face to face interaction as [Workshop Coordinator](#) in FDP of IIT Bombay on “[FDP 101x FDP 101x Foundation program in ICT for Education](#)” on 24, and 25 March 2018 and “[FDP 201x Pedagogy for Online and Blended Teaching-Learning Process](#)”, on 12,13, 26 and 27 may 2018 at Jahangirabad Institute of Technology, Barabanki, a remote center of IITBombayx (RC ID 1455).
- [4] Delivered training on “Python Programming” as [Associate Trainer](#) in Eight-day FDP (09-16 Jan18) on “Information Storage Management and Introduction to Big Data Analytics” organized by the Department of CSE, ASET, Amity University Lucknow from 09-16 Jan 18.
- [5] Taken part as [Mentor](#) in FDP of IIT Bombay on “[FDP 101x Foundation program in ICT for Education](#)” in the duration 03 Aug 17 to 07 Sep 17 and “[FDP 201x Pedagogy for Online and Blended Teaching-Learning Process](#)”, in the duration 14 Sep 17 to 30 Dec 17.
- [6] Delivered talk on [Technological advancements and E-learning practices](#) on 03 Aug 17 in one-day International Seminar “Modern Trends in Engineering and Sciences” (MTES-17) jointly organized by the Departments of ECE, Physics and EE, Integral University, Lucknow.
- [7] Delivered Talk on [Computational modeling in finance engineering and personal finance](#) on 20 March 2017 in one-day international symposium on “Computational and Characterization Techniques in Engineering & Sciences” (CCTES-17) organized by IEEE Student Chapter, WIE affinity group and Deptt. of ECE/EE/Phy under the aegis of HRDC, Integral University, Lucknow
- [8] Delivered Talk on [Mobile Communication Technology: Future Prospective](#) on 11 Feb 2017 in the workshop organized in sidelines of 6th National conference on “Nano-materials and Nanotechnology (NATCON NAMTECH VI)” organized by Department of Physics, Lucknow university, 11-13 Feb 2017
- [9] Delivered Talk on [Role of faculty in Knowledge Economy](#) on 21 Jan 2017 in Principals meet of educational conference on “Role of Schools in Knowledge Economy” organized by Jahangirabad Educational Trust Group of Institutions, Barabanki,

- [10] Delivered Talk on [Cryptography & Information security](#) on 25 Oct 2016 in “knowledge session for 10+2 students” organized by Jahangirabad Educational Trust Group of Institutions, at Jahangirabad forte, Barabanki,
- [11] Delivered Talk on [Renewable Energy system: A key element of Energy Mix for sustained growth](#) on 22Oct 2016 in one-day national conference on “Emerging trends in Non-Conventional Energy Resources(ETNCER-16)” organized by Integral UniversityLucknow
- [12] Delivered Talk on [Power of Setting Goals](#) on 27 Aug 2016 in one-day national Seminar on “Power of Setting goals” organized by Deptt. of ECE, in association with IEEE student chapter & WIE IEEE affinity group I.U. Lucknow
- [13] Delivered Talk on [Career options and How to choose](#) on 22 July 2016 in “DST inspire program” organized by Sagar institute of Technology and Management Barabanki
- [14] Delivered Talkon [MATLAB programming](#) on 27Feb 2016 in one-day national Workshop on “MATLAB and Photonic Crystals” organized by Deptt. of Physics I.U.Lucknow
- [15] Delivered lecture in workshop on [Digital Image Processing using MATLAB](#) on 6Feb 2016 at FDP on MATLAB organized by Deptt. of ECE, I.U.Lucknow
- [16] Delivered lecture in workshop on [Digital Image Processing using MATLAB](#) on 18 Jan 2016 at FDP on MATLAB organized by Azad Technical Campus, AKTU Lucknow
- [17] Delivered lecture in workshop on [Cryptography](#) on 05 Nov 2015 at Indus I. T. M. Bilhaur, Kanpur.
- [18] Delivered a series of sessions on [programming skills demonstrations using MATLAB](#) for B.Tech ECE, I yr students of Integral University, in odd semester 2015-16.
- [19] Delivered lecture in One-day seminar on [MATLAB](#) on 10 Aug 2011 at Azad IET,Lucknow.
- [20] Delivered presentation on [Cryptography and Digital signature](#) on 04 Jan 2014, at Integral University, Lucknow
- [21] Delivered presentation on [Mobile Communication](#) on 26 June 2013, in faculty development program at Integral University, Lucknow
- [22] Delivered presentation on [Image Compression](#) on 07 July 2011, in faculty development program at Integral University, Lucknow

TRAINING/ WORKSHOP/ STC/ FDP ATTENDED

- [1] Awarded with Gold medal in 8-weeks International MooC FDP on [Creating Open source cloud based Gnomio of your own subject for OBE](#) organized by DYPCOE, Akurdi as an AICTE UKIERI project from 15 Apr 2019 to 10 June 2019.
- [2] Honor Code certificate for [ET702x: Designing Learner-Centric MOOC](#) issued by IITBombayX, an online learning initiative of IIT, Bombay from 02 Aug 18 to 06 Sep 18
- [3] Completed as “Top Performer Seal” in 2-week FDP program on [FDP 301x; Mentoring Educators in Education Technology](#), conducted by IIT Bombay under NMEICT (MHRD) from 17 May -05 July 18.
- [4] Honor Code certificate for [ET701x; Elements of Learner Centric MooC](#) issued by IITBombayX, an online learning initiative of IIT, Bombay from 03 May 2018 to 23 May 2018.
- [5] Attended Eight-day FDP on [Information Storage management and Introduction to Big Data Analytics](#) organized by the Department of CSE, ASET, Amity University Lucknow during 09-Jan 18 to 16 Jan 18.
- [6] Three-week course on [Remote Sensing and GIS Applications in Carbon Forestry](#) conducted by Indian institute of remote sensing, conducted at JIT Jahangirabad campus on 16 Feb 2017 to 10 March 2017
- [7] Two-day [Orientation Workshop for Associate Faculty](#) of top 253 participants of FDP on use of ICT in Education for online and blended learning conducted and sponsored by IIT Bombay at IITB campus on 25-26 Mar 2017

- [8] One-day workshop on [Building Innovative and Sustainable Ventures](#) conducted by Dr Vivek Nagpal (Chairman, Euro Asian Development Network) & his team, at JIT Jahangirabad campus on 27-Dec 2016
- [9] One-week short term course on [IT Skills](#) conducted by CALEM, under the scheme of PMMMNMTT, MHRD, Govt of India held at JIT Jahangirabad campus during 14-Dec 2016 to 20-Dec 2016
- [10] Honor Code certificate for [EE210xA16; signals and Systems](#) issued by IITBombayx, an online learning initiative of Indian Institute of Technology, Bombay issued on 24 Nov 16
- [11] AICTE approved four-week faculty development program with (3 week equivalent online activity and one week physical participation at remote center) on [Use of ICT in Education for online and blended learning](#) organized by IITBombayx under NMEICT (MHRD). (02 May 16- 13 Aug 16) E. No 16922
- [12] One-week short term course on [Data Analysis /SPSS and MINITAB](#) conducted by CALEM, under the PMMMNMTT, MHRD, India held at Integral University campus during 02-Feb 2016 to 08-Feb 2016
- [13] One-day national level workshop on [Entrepreneurship options in the field of engineering and pioneering internet of things](#) organized by IEEE student chapter in association with Academic Staff College, Integral University on 25 Jan 2016
- [14] One-day national level workshop on [Recent trends in Communication Engineering & Image Processing](#) organized by IEEE student chapter in association with Deptt. of ECE, Integral University on 17 Oct 2015.
- [15] One-week AICTE recognized short term course on [Effective curriculum Implementation using ICT](#) conducted by Curriculum Development Center, NITTTR Chandigarh held at Integral University campus during 24-Aug 2015 to 28-Aug 2015
- [16] 4 day workshop on [Cryptography and Network security](#) at Ansal Technical Campus, Lucknow, Dec 2013
- [17] Two-day training program on [ISO 9000 for Education & training Institute](#) by ERTL(N), New Delhi, 1999
- [18] Two-day training program on [“Internal Quality Audit”](#) by ERTL(N), New Delhi, 1999

ONLINE EDUCATIONAL RESOURCES (OER) CREATED

Power point slides

<i>Communication System</i>	
Noise Basics and Modeling	https://www.slideshare.net/NaimKidwai/noise-basics-and-its-modelling
Noise Performance of CW System	https://www.slideshare.net/NaimKidwai/noise-performance-of-cw-system
<i>Financial management</i>	
Finance Management Basics	https://www.slideshare.net/NaimKidwai/finance-management-basics
Indian Financial System	https://www.slideshare.net/NaimKidwai/indian-financial-system-65554095
Financial Instruments and Services	https://www.slideshare.net/NaimKidwai/financial-instruments-services
Capital Budgeting Decisions	https://www.slideshare.net/NaimKidwai/capital-budgeting-decisions-65553665
Working Capital Decisions in Financial Management	https://www.slideshare.net/NaimKidwai/working-capital-decisions-in-financial-management
Dividend Decisions in Financial Management	https://www.slideshare.net/NaimKidwai/dividend-decisions-in-financial-management
<i>Solar PV systems and Entrepreneurship</i>	
Basics of Solar Energy	https://www.slideshare.net/NaimKidwai/basics-of-solar-energy
Solar PV Cells, Module and Array	https://www.slideshare.net/NaimKidwai/solar-pv-cells-module-and-array
Standalone Solar PV System Design Example	https://www.slideshare.net/NaimKidwai/standalone-solar-pv-system-design-example
Financial Analysis of 1 MW Solar PV Power Plant	https://www.slideshare.net/NaimKidwai/financial-analysis-of-1-mw-solar-pv-plant
Entrepreneurship in Solar Energy	https://www.slideshare.net/NaimKidwai/entrepreneurship-in-solar-energy
Solar Thermal Systems	https://www.slideshare.net/NaimKidwai/solar-thermal-systems
<i>Managerial Economics</i>	
Concept of Efficiency- Engineering	https://www.slideshare.net/NaimKidwai/concept-of-efficiency-engineering-economics

Economics	
Theory of Demand / Supply, Price Elasticity, Welfare analysis	https://www.slideshare.net/NaimKidwai/theory-of-demand-supply-price-elasticity-indifference-curves-welfare-analysis
Role and Scope of Managerial Economics	https://www.slideshare.net/NaimKidwai/role-and-scope-of-managerial-economics
Market Structure	https://www.slideshare.net/NaimKidwai/market-structure-66479501
Price Determinants of Various Market Structures	https://www.slideshare.net/NaimKidwai/price-determinants-of-various-market-structures
Demand Forecasting & Cost Estimation	https://www.slideshare.net/NaimKidwai/nhu-501-unit-iii-demand-forecasting
Cost Estimation and Break-Even Analysis	https://www.slideshare.net/NaimKidwai/cost-estimation-and-break-even-analysis
Management Aspects, Project Management, Value Engineering	https://www.slideshare.net/NaimKidwai/management-aspects-project-management-value-engineering
Electronic Measurement and Instrumentation	
Dimension and Standards, SI Units	https://www.slideshare.net/NaimKidwai/dimension-and-standards-si-unit-system
Measurement Errors, Statistical Analysis, Uncertainty	https://www.slideshare.net/NaimKidwai/measurement-errors-statistical-analysis-uncertainty
PMMC instruments, Galvanometer, DC Voltmeter, DC Ammeter	https://www.slideshare.net/NaimKidwai/pmmc-instruments-galvanometer-dc-voltmeter-dc-ammeter
Electronic DC Voltmeter using PMMC	https://www.slideshare.net/NaimKidwai/electronic-dc-voltmeter-using-pmmc
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Digital voltmeter, Multi-meter, Frequency meter	https://www.slideshare.net/NaimKidwai/nec403-unit-ii-part-3-dvm-multimeter-frequency-meter
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Bipolar Junction Transistor (BJT) Characteristics	https://www.slideshare.net/NaimKidwai/rec101-unit-ii-part-1-bjt-characteristics-81413492
BJT Biasing and r_e model	https://www.slideshare.net/NaimKidwai/rec101-unit-ii-part-2-bjt-biasing-and-re-model-81864864
Field Effect Transistor	https://www.slideshare.net/NaimKidwai/rec101-unit-ii-part-3-field-effect-transistor
Digital Communication	
Information Theory	https://www.slideshare.net/NaimKidwai/nec-602-unit-v-part-1-information-theory
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Spread Spectrum Communication	https://www.slideshare.net/NaimKidwai/spread-spectrum-communication-92887153
Random Variable and Random Process	https://www.slideshare.net/NaimKidwai/nec-602-unit-ii-random-variables-and-random-process
Spoken Tutorial	
Digital System	

Half adder	https://www.youtube.com/watch?v=XS2psDG-SzA
Full adder	https://www.youtube.com/watch?v=dMWFC3uJ76I
Half subtractor	https://www.youtube.com/watch?v=TrFatei4N4A
Full subtractor	https://www.youtube.com/watch?v=pzJnVA5v_34
Parallel adder subtractor	https://www.youtube.com/watch?v=gsQfWB4VIOU
Binary Adder & Concept of Borrow	https://www.youtube.com/watch?v=XCW2hdYgUVs
Solar PV system Design	
Standalone Solar PV system design	https://www.youtube.com/watch?v=b39jS44w0bM
MooC based Modules	
8 week FDP on “Courseware Creation using Moodle for Outcome Based Education”	https://iul.gnomio.com/course/view.php?id=3
2 week FDP on “Outcome Based Education A NAAC perspective”	https://iul.gnomio.com/course/view.php?id=5
Project Finance	https://iul.gnomio.com/course/view.php?id=4
Sensors and Transducers	https://iul.gnomio.com/course/view.php?id=2

PROFESSIONAL SOCIETY:

- Life Member, ISTE (Indian Society for Technical Education) [LM 52889]
- Member, IAENG (International Association of Engineers) [105645]
- Life Member, Robotic Society, Integral University, Lucknow
- Life Member, Instrumentation Society of India (ISOI)

RESEARCH INTERESTS:

- Image and Video Coding,
- Wireless Sensor Networks
- Signal Processing
- Digital/ Wireless Communication
- Solar PV systems
- Online Education and blended learning

REFERENCES:

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Date: 25 Nov 2019