

CURRICULUM VITAE

DR KANUNGO BARADA MOHANTY

E-mail ID: kbmohanty@nitrkl.ac.in

Phone Nos: Office: +91 661 2462404

Home: +91 661 2463404

A. Educational Outline:

Sl. No.	Name of Examination	Name of Institution/ University	Year
1.	H.S.C.	Board of Secondary Education, Odisha	1983
2.	+2 Science	Ravenshaw Jr. College, Cuttack (Council of Higher Secondary Education, Odisha)	1985
3.	B. Sc. (Engg.)	Veer Surendra Sai University of Technology (VSSUT), Burla (Formerly University College of Engineering, Burla)	1989
4.	M. Tech.	IIT Kharagpur	1991
5.	Ph. D.	IIT Kharagpur	2002

B. Details of Employment:

A faculty of Department of Electrical Engineering, NIT Rourkela since August 1991.

1. Lecturer from 19th August 1991 to 18th August 1997.
2. Senior Lecturer from 19th August 1997 to 14th February 2004
3. Assistant Professor from 15th February 2004 to 31st December 2005.
4. Associate Professor (AGP: 9000) from 1st January 2006 to 29th January 2014
5. Associate Professor (AGP: 9500) from 30th January 2014 to 1st February 2018.
6. Professor from 2nd February 2018 till date.

C. Fellowship/ Membership of Professional Societies:

1. Fellow of The Institution of Engineers (India) since August 2008 (**F-113287-5**): Active for 23 years
2. Fellow of IETE since Jan. 2009 (**F-209716**)
3. Senior Member, IEEE since February 2011 (**90285544**): Active for 17 years
4. Senior Member, IEEE Industrial Electronics Society: Active for 12 years
5. Senior Member, IEEE Power Electronics Society: Active for 3 years
6. Senior Member, IEEE Industry Applications Society: Active for 1 year
7. Life Member, Solar Energy Society of India: since January 2007 (**1188/LM/2007**)
8. Life Member, Systems Society of India since October 2001 (**LM-23012**)
9. Life Member, Indian Society of Technical Education since 1993 (**LM-13947**)

D. Research Interest:

Vector control and direct torque control of induction machines, Wind and solar power generation systems, Applications of soft computing techniques and sliding mode control, Power quality improvement, Improvement in multilevel converter topology.

E. **Awards Received:** I have received the following awards.

<https://drive.google.com/drive/folders/153vRdSugV9R7xPRI7EEwB7CXGNUUeGMw?usp=sharing>

1. Received the **Global Research Excellence Award in 2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies** held at Male City, Maldives.
2. Received the **IEI NMLC-FCRIT Excellence Award- 2022** as the winner of **Academic Excellence in Teaching Faculty, National Category**.
3. Received the **IEI NMLC-FCRIT Excellence Award- 2022** for Special Recognition in **Research Excellence under Teaching Faculty, National Category**.
4. **Academic Visitor at Loughborough University, U.K.** in 2005.
5. Received **The IETE J. C. Bose Memorial Award-2019**.
6. Placed in **World's top 2% most influential scientists for the year 2020** as per Stanford University's data.
7. Received invitation as **visiting professor and a researcher mission** to Faculty of Electrical and Control Engineering, Gdansk University of Technology, Poland.
8. **Certificate of Merit for the year 2005-2006** awarded by The Institution of Engineers (India).
9. **First prize paper** awarded in National Conf. on Nascent Technologies in Engg. Fields, 2008 organized by FCRIT, Vashi, Navi Mumbai.
10. **Engineer Sandeep Mohapatra Memorial Award** given by The Institution of Engineers (India), Orissa State Centre in 2004.
11. Received **Certificate of recognition for best paper of the session "Intelligent Control"** in International Conference on Industrial Electronics, Control & Robotics-2010, Rourkela.

F. Sponsored Research & Development Projects (as Principal Investigator):

Name of the Project	Sponsored by	Amount Received	Period
Development of a DSP based direct torque controlled induction motor drive with intelligent fault detective features for mechatronic and robotic applications	MHRD, Govt of India	7.00 Lakhs	From April 2004 to March 2007
Development of a high performance sensorless field-oriented double output induction generator system for wind energy harnessing	CDAC, Thiruvananthapuram	17.88 Lakhs	From August 2008 to March 2010

G. Ph. D. Thesis Guided

1. Study of inverter-interfaced wind power generation system under balanced and unbalanced grid voltage conditions, B. Chitti Babu, May 2012
2. Study and RTDS implementation of some controllers for performance and power quality improvement of an induction motor drive system, Madhu Singh, May 2014

3. Development of voltage controller and fault analysis of self excited induction generator system, Jyotirmayee Dalei, July 2016.
4. Design and experimental realization of robust and adaptive control schemes for hybrid series active power filter, Sushree Diptimayee Swain, Dec. 2017.
5. Optimized parameter estimation, array configuration and MPPT control of standalone photovoltaic system, Alivarani Mohapatra, June 2018.
6. Development of efficient control strategies for single phase grid integrated inverters for photovoltaic applications, Aditi Chatterjee, July 2018.
7. Development and implementation of some controllers for performance enhancement and effective utilization of induction motor drive, Rabi Narayan Mishra, July 2018.
8. Design and implementation of single stage bridgeless SEPIC power factor corrected AC-DC converter, K. Vinay Sagar, June 2019.
9. Development of symmetric and asymmetric topology for multilevel inverter with reduced number of switches, Kishore Thakre, October 2019.
10. Adequacy assessment of power system and capacity credit estimation with renewable source integration, Ashwini Kumar Nayak, June 2020.
11. Performance evaluation of solar PV system for power generation in surface mine, Ganti Praful Kumar, November 2022 (Cosupervisor) (Interdisciplinary Research Guidance: Student and supervisor both are in Mining Engg. Dept.).
12. Integration of wind and solar PV in hybrid isolated systems with improved power control, Swagat Pati, September 2019 (Inter-institutional Research Guidance: At SoA, Bhubaneswar).
13. Optimal design of controllers for automatic generation control in conventional, deregulated and micro-grid systems, Narendra Kumar Jena, May 2022 (Inter-institutional Research Guidance: At SoA, Bhubaneswar).

H. Continuing Education Programs Coordinated:

1. Short term course: “Recent Trends in Power Electronic Drives, Power Quality and Renewable Energy Systems,” from 30th May to 03rd June 2023.
2. Short term course: “Grid Integration of Renewable Energy Sources and Power Quality,” from 01st to 03rd October 2016.
3. Short term course: “Power Electronics, Drives and Power Quality,” from 22nd to 24th December 2014.
4. Short term course: “Recent Trends in Power Electronics, Drives and Power Quality,” from 23rd to 27th June 2014.
5. Short term course: “Power Electronics, Drives and Power Quality Issues,” from 23rd to 27th December 2013.
6. Faculty Development Program: “Recent Trends in Power Electronics, Machine Drives and Power Systems,” from 19th Jan. to 01st Feb. 2009.
7. “Workshop on Power Electronics Education-3” from 13th to 14th July 2009.
8. Workshop: “Control of Renewable Power System,” 28th-29th September 2016.

I. Institutional and Departmental Responsibilities at NIT Rourkela:

Head of Department, Department of Electrical Engineering	2022-till date
Chairman, Elect. Engg. Dept Faculty Advisory Committee (DFAC)	2022-till date
Chairman, IT Infrastructure	2020-2022

Chairman, Elect. Engg. Department Task Force (DTF) for COVID-19	2020-2022
Chairman, Purchase Committee for IT Infrastructure	2020-2022
Member, Board of Trustee	2009-2019
Chairman, Elect. Engg. Dept Academic Program Oversight Committee (DAPOC)	2017-2018, 2023-2024
Chairman, Committee for Management of Places of Worship	2018-till date
Member, Elect. Engg. Dept Faculty Advisory Committee (DFAC)	2016-2022
Convener, Publications Committee, 14 th and 15 th Convocations	2016-2018
Coordinator, M. Tech. programme in Power Electronics and Drives	2021-till date
Coordinator, M. Tech. programme in Industrial Electronics	2014-2018
Chairman, Electrical Consumables Purchase Committee of Estate	2015-2016
Member, Core committee: Nonteaching staff recruitments	2011-2015
Member, Dept. Committee for National Education Policy	2020-till date
Member, Departmental Promotion Committee (DPC)	2019
Professor-In-Charge, Centre for Industrial Electronics and Robotics	2017-2020
Member, Research Program Evaluation Committee (RPEC)	2019-2022
Member, Academic Programme Oversight Committee (Institute)	2018-2019
Professor-In-Charge, Electrical Maintenance	2007-2010
Assistant Warden, M. Visvesvaraya Hall of Residence	2003-2006

J. Academic Outreach:

Session Chairman@:

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SN	Academic Outreach	Year
1.	Chairman of four sessions at 2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, Male City, Maldives.	2023
2.	Chairman of session: "TTICS – Intelligent Control Systems 1" at the 15th International Workshop on Advanced Motion Control (IEEE AMC 2018), Tokyo, Japan.	2018
3.	Chairman of session: "Sensors integrations and applications-II" at 10th Annual IEEE International Systems Conference (SYSCON), Orlando, USA	2016
4.	Chairman of session: "Modeling and Simulation-VI" at 10th Annual IEEE International Systems Conference (SYSCON), Orlando, USA	2016
5.	Chairman of the session "C5" at International Conference on Renewable Energy and Power Quality, Las Palmas de Gran Canaria, Spain	2011
6.	Technical Program Committee (TPC) member of "9th International Conference on Power Systems (ICPS) 2021" organized by IIT Kharagpur.	2021
7.	Session Chairman, and Chair, 'Energy Storage Technology' Track for the "IEEE International Conference on Power Electronics and Energy (ICPEE) - 2021" organized by KIIT Bhubaneswar.	2021
8.	Program Chair, Session Chairman and Senior meta-reviewer of "2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC)" organized by GIET University, Gunupur.	2020
9.	Chairman of two sessions in IEEE International Conference on Energy, Power and Environment (ICEPE) at NIT Meghalaya, Shillong.	2015
10.	Chairman of a session at Sixth IEEE India International Conference on Power Electronics (IICPE) at NIT Kurukshetra	2014
11.	The Resource person in the executives' training workshop on "Doubly Fed Induction Generator and Converter System" at Suzlon Energy Ltd., Pune on 06th August 2010.	2010

12.	Delivered a talk on “Renewable Energy Systems: Wind Electrical and Solar PV” at Gandhi Institute of Excellent Technocrats, Bhubaneswar	2024
13.	Delivered a talk on “Control of grid integrated wind energy and PV systems” on the occasion of World Sustainable Energy Day at The Institution of Engineers (India), Rourkela Local Centre on 27.02.2022.	2022
14.	Delivered talk on “Fuzzy Logic Control, Sliding Mode Control and ANFIS Control” at online E & ICT FDP: ‘Application of Artificial Intelligence in Engg.’, Dept. of CSE, NIT Warangle & VSSUT Burla on 14 th August 2022.	2022
15.	Resource Person in the ATAL FDP on “Integration of Sustainable Energy to Microgrid & its Control” at EEE, SIT, Bhubaneswar in September 2022.	2022
16.	AICTE Margdarshan Initiative talk on “Control of grid integrated PV and wind energy conversion systems” at CVRGU, Bhubaneswar on 26.09.22	2022
17.	Delivered a talk as Distinguished Speaker of National Conference on “Energy Sustainability and Society” at NIST, Berhampur on 10 th Dec. 2022.	2022
18.	Delivered online talk on “Renewable energy systems: Wind electrical and solar PV” at Techno Cultural Festival of VSSUT, Burla on 16 th March 2022.	2022
19.	Delivered online keynote speech on “Grid integration of induction generators in wind energy systems” at Gandhi Institute of Excellent Technocrats, Bhubaneswar	2021
20.	Delivered online keynote speech on “Vector control of induction generators in wind energy conversion systems” at Engineering College, Jhalawar	2021
21.	Online talk in STC “Recent Trends in Power System Planning, Monitoring and Control” at School of Elect. Sciences, NIST, Berhampur	2020
22.	Delivered online talk on “Space vector modulation based direct torque control of induction motor drives” at SVNIT, Surat	2020
23.	Online talk on “Fuzzy system for induction motor drives” at SVNIT, Surat	2020
24.	Online talk on “Vector control and direct torque control of induction motor with fuzzy logic” at MMMUT, Gorakhpur	2020
25.	Online talk on “Vector control.. in wind energy conversion” at IGIT, Sarang	2020
26.	Delivered a talk on “Vector controlled induction generator in wind energy conversion system” on the occasion of National Technology Day at The Institution of Engineers (India), Rourkela Local Centre	2015
27.	Delivered a talk on “State feedback control using pole placement design and state observer design with induction motor drive” in the FDP ‘Recent Advances in Control and Instrumentation’ at CET (OUTR) Bhubaneswar	2015

K. Papers Presented at Conferences/Workshops:

SN	Conference/Workshop	From	To
1.	2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, Male City, Maldives	11.03.23	12.03.23
2.	47th Annual Conference of the IEEE IES, IECON 2021, Toronto, Canada (Virtual)	13.10.21	16.10.21
3.	The 15th International Workshop on Advanced Motion Control (IEEE AMC 2018), Tokyo, Japan.	09.03.18	11.03.18
4.	10th Annual IEEE Int. Systems Conference (SYSCON), Florida, USA (2 papers)	18.04.16	21.04.16
5.	Int. Conf. on Renewable Energy and Power Quality (ICREPQ'11), Las Palmas de Gran Canaria, Spain	13.04.11	15.04.11
6.	11th Int. Conf. on Computer Modelling and Simulation (UKSIM 2009), Emmanuel College Cambridge, UK (2 papers)	25.03.09	27.03.09

7.	11th International Power Electronics and Motion Control Conf., Riga, Latvia	02.09.04	04.09.04
8.	5th PSU-UNS Int. Conf. on Engineering and Technology, Phuket, Thailand (2 papers)	30.05.11	31.05.11
9.	2022 IEEE Global Conference On Computing, Power and Communication Technologies (GlobConPT), New Delhi	23.09.22	25.09.22
10.	International Conf. On Innovations in Engineering and Technology (ICIET-2022), JNTU Hyderabad	15.09.22	17.09.22
11.	2021 International Conference on Nascent Technologies in Engineering (ICNTE), Navi Mumbai (2 papers)	15.01.21	16.01.21
12.	2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC), Gunupur	16.12.20	17.12.20
13.	12th IEEE INDICON 2015, JMI, New Delhi (2 papers)	17.12.15	20.12.15
14.	Int. Conf. on Energy, Power and Environment (ICEPE) (Towards Sustainable Growth), NIT Shillong (2 papers)	12.06.15	13.06.15
15.	IEEE Int. Conf. on Power Electronics, Drives and Energy Systems, IIT Bombay (2 papers)	16.12.14	19.12.14
16.	6th IEEE India International Conference on Power Electronics (IICPE), NIT Kurukshetra	08.12.14	10.12.14
17.	PEDES2010 and 2010 Power India Conf., IIT Delhi	20.12.10	23.12.10
18.	IC Industrial Electronics, Control & Robotics, NIT Rourkela	27.12.10	30.12.10
19.	National Conf. on Advances in Renewable Energy Sources & it's Application (ARESA-2009), Nov. 2009, Bhubaneswar	14.11.09	15.11.09
20.	TENCON, Nov. 2008, University of Hyderabad (2 papers)	18.11.08	21.11.08
21.	National Conf. on Nascent Technologies in Engineering, Vashi	29.02.08	01.03.08
22.	IEEE Int. Conf. on Industrial Technology (ICIT), IIT Bombay	15.12.06	17.12.06
23.	29 th National Systems Conference, IIT Bombay	16.12.05	17.12.05
24.	45 th Annual Technical Session of The Institution of Engineers (India), Orissa State Centre, Bhubaneswar	01.02.04	01.02.04
25.	49 th Annual Session of Orissa Engg Congress, Bhubaneswar	02.02.04	02.02.04
26.	National Power Electronics Conference, IIT Bombay	16.10.03	17.10.03
27.	26 th National Systems Conference, INCOIS Hyderabad (2 pap)	18.11.02	19.11.02
28.	IEEE Int. Conf. on Industrial Technology (ICIT), Goa Universi	19.01.00	22.01.00

L. Continuing Education Programs Participated :

Name of the Course	Host Dept./Institute	Duration
NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre, BHU, Varanasi	18 th to 28 th December 2023
Electromagnetics: Pedagogy and Research Trends	Electrical Engg. Dept., IIT Bombay	23 rd – 24 th Jan. 2015
Simulation of Power Electronic Circuits	Electrical Engg. Dept., IIT Bombay	26 th – 28 th March 2014
Smart Grid : Technology and Applications	CPRI, Bangalore	29 th July – 2 nd August, 2013
Renewable Energy Sources and Grid Integration	NPTI, Bangalore	25 th – 29 th March, 2013
Indo-US School on Cryogenics, superconductivity, vacuum and low temperature measurement techniques	Inter-University Accelerator Centre, Delhi	19 th -23 rd Nov. 2007

Modeling, Computing and Simulation in Engineering	Mathematics Dept., IIT Madras	25 th -29 th Dec., 2006
Intelligent Control of Electric Drives	Electrical Engg. Dept., IIT Roorkee	31 st July to 04 th Aug., 2006
Fault Detection and Diagnosis in Industrial Processes	Electrical Engg. Dept., IIT Bombay	4 th - 6 th March 2004
Frontiers of Measurement and Instrumentation	Electrical Engg. Dept., IIT Kharagpur	6 th - 17 th May 2002
Object Oriented Programming with C++	Mathematics Dept., IIT Kharagpur	1 st - 19 th Dec. 1997
Semiconductor Controlled Drives and their Applications	Electrical Engg. Dept., IIT Kanpur	1 st - 13 th Dec. 1993
Advanced Microprocessors and Applications	Computer Sc. & Engg. Dept., IIT Kharagpur	6 th - 17 th July 1992
Database Technology	Computer Sc. & Engg. Dept., IIT Kharagpur	22 nd - 26 th June 1992

M. Publications :

Web of Science ResearcherID: Z-1390-2019, with 112 publications in web of science, 686 citations, H-index 12. Eleven reviews done.

ORCID ID: orcid.org/0000-0002-0580-323 *** Vidwan-ID : 61969.

Google Scholar Home Page: (Citations=2627, H-index=23, i10-index=64)
<https://scholar.google.co.in/citations?user=OLzmvUwAAAAJ&hl=en&oi=sra>

SCOPUS ID: 23995351400 with 161 publications, 1612 citations, and H-index of 18.

Link for some of the journal publications:

1	https://doi.org/10.1109/TTE.2023.3315287	32	https://doi.org/10.1108/WJE-06-2017-0149
2	https://doi.org/10.1016/j.egycc.2023.100094	33	https://doi.org/10.1108/WJE-06-2017-0152
3	https://doi.org/10.1080/15325008.2022.2163004	34	https://doi.org/10.1108/WJE-04-2017-0093
4	https://doi.org/10.1080/01430750.2023.2173649	35	https://doi.org/10.1109/TPEL.2016.2586525
5	https://doi.org/10.1108/WJE-10-2022-0418	36	https://doi.org/10.15866/irecon.v5i4.13755
6	https://doi.org/10.1109/TIM.2022.3218550	37	https://doi.org/10.1016/j.renene.2017.02.057
7	https://doi.org/10.1016/j.egy.2022.03.167	38	https://doi.org/10.1063/1.4989796
8	https://doi.org/10.1002/9781119786511.ch5	39	https://doi.org/10.1002/jnm.2237
9	https://doi.org/10.1016/j.jestch.2021.10.003	40	https://doi.org/10.1007/s12046-017-0741-6
10	https://doi.org/10.1080/15567036.2021.1945710	41	https://doi.org/10.1016/j.rser.2017.05.083
11	https://doi.org/10.1007/s40313-022-00897-z	42	https://doi.org/10.1063/1.4973714
12	https://doi.org/10.1016/j.asoc.2021.107418	43	https://doi.org/10.1108/WJE-12-2016-0160
13	https://doi.org/10.1016/j.energy.2021.122561	44	https://doi.org/10.11591/ijece.v7i5.pp2392-2400
14	https://doi.org/10.1002/er.7089	45	http://dx.doi.org/10.1080/23311916.2017.1363357
15	https://doi.org/10.1515/ijeeps-2021-0105	46	https://doi.org/10.1007/s40866-017-0022-9
16	https://doi.org/10.1016/j.engappai.2020.103593	47	https://doi.org/10.1016/j.jestch.2016.09.014
17	https://doi.org/10.1080/09398368.2020.1725857	48	https://doi.org/10.1080/23311916.2016.1261470
18	https://doi.org/10.1007/978-981-15-2774-6_53	49	https://doi.org/10.1016/j.ijepes.2015.09.009
19	https://doi.org/10.1002/2050-7038.12037	50	https://doi.org/10.1177/0142331215621374
20	https://doi.org/10.1016/j.ref.2019.04.003	51	https://doi.org/10.1515/ijeeps-2015-0190
21	https://doi.org/10.1002/2050-7038.12011	52	https://doi.org/10.1080/15325008.2016.1183724
22	https://doi.org/10.1002/jnm.2469	53	https://doi.org/10.13052/dgaej2156-3306.3141
23	https://doi.org/10.1108/WJE-01-2017-0010	54	https://doi.org/10.11591/ijped.v7.i4.pp1337-1347
24	https://doi.org/10.1080/15325008.2018.1511875	55	https://doi.org/10.1080/23311916.2016.1261470
25	https://doi.org/10.1016/j.rser.2018.04.115	56	https://doi.org/10.3906/elk-1404-191

26	https://doi.org/10.1177/0142331216665686	57	https://doi.org/10.12720/joace.1.4.306-311
27	https://doi.org/10.1142/S021812661850127X	58	https://doi.org/10.15866/iree.v8i4.1882
28	https://doi.org/10.1142/S021812661850055X	59	https://doi.org/10.15866/iree.v8i1.1698
29	https://doi.org/10.1080/09398368.2018.1425242	60	https://doi.org/10.24084/repqj09.293
30	https://doi.org/10.1080/03772063.2017.1351321	61	
31	https://doi.org/10.1016/j.aej.2017.11.001	62	

Link for some of the conference publications:

1	https://doi.org/10.1109/UKSIM.2009.24	45	https://doi.org/10.1109/ICCPCT.2017.8074183
2	https://doi.org/10.1109/IECON48115.2021.9589767	46	https://doi.org/10.1109/PEDES.2016.7914481
3	https://doi.org/10.1109/ISIE45063.2020.9152425	47	https://doi.org/10.1109/ICCPCT.2016.7530302
4	https://doi.org/10.1109/AMC.2019.8371086	48	https://doi.org/10.1109/ICCPCT.2016.7530151
5	https://doi.org/10.1109/SYSCON.2016.7490609	49	https://doi.org/10.1109/ICPES.2016.7584159
6	https://doi.org/10.1109/SYSCON.2016.7490645	50	https://doi.org/10.1109/ICNGIS.2016.7854005
7	https://doi.org/10.1109/TENCON.2017.8228009	51	https://doi.org/10.1109/INDICON.2015.7443154
8	https://doi.org/10.1109/TENCON.2016.7848303	52	https://doi.org/10.1109/INDICON.2015.7443212
9	https://doi.org/10.1109/GlobConHT56829.2023.10087848	53	https://doi.org/10.1109/INDICON.2015.7443578
10	https://doi.org/10.1109/EEEIC.2012.6221446	54	https://doi.org/10.1109/EPETSG.2015.7510063
11	https://doi.org/10.1109/PEDS.2011.6147316	55	https://doi.org/10.1109/EPETSG.2015.7510170
12	https://doi.org/10.1109/EEEIC.2011.5874737	56	https://doi.org/10.1109/EPETSG.2015.7510145
13	https://doi.org/10.1109/EEEIC.2011.5874782	57	https://doi.org/10.1109/EPETSG.2015.7510075
14	https://doi.org/10.1109/UKSIM.2009.22	58	https://doi.org/10.1109/EPETSG.2015.7510092
15	https://doi.org/10.1109/PIECON56912.2023.10085901	59	https://doi.org/10.1109/EPETSG.2015.7510098
16	https://doi.org/10.1007/978-981-99-4175-9_41	60	https://doi.org/10.1109/IIC.2015.7150758
17	https://doi.org/10.1109/GlobConPT57482.2022.9938314	61	https://doi.org/10.1109/PEDES.2014.7042092
18	https://doi.org/10.1049/cp.2010.0097	62	https://doi.org/10.1109/PEDES.2014.7041978
19	https://doi.org/10.1109/IPEMC.2009.5157461	63	https://doi.org/10.1109/PEDES.2014.7042032
20	https://doi.org/10.1007/978-981-15-8218-9_24	64	https://doi.org/10.1109/TechSym.2014.6808086
21	https://doi.org/10.1109/ICRERA47325.2019.8996512	65	https://doi.org/10.1109/ICIINFS.2014.7036586
22	https://doi.org/10.1109/ICNTE51185.2021.9487785	66	https://doi.org/10.1109/ICIINFS.2014.7036492
23	https://doi.org/10.1109/ICNTE51185.2021.9487697	67	https://doi.org/10.1109/ICIINFS.2014.7036563
24	https://doi.org/10.1109/ICEPE50861.2021.9404458	68	https://doi.org/10.1109/IICPE.2014.7115740
25	https://doi.org/10.1109/ICPEE50452.2021.9358559	69	https://doi.org/10.1109/INDCON.2013.6726120
26	https://doi.org/10.1109/ISSSC50941.2020.9358901	70	https://doi.org/10.1109/INDCON.2013.6726005
27	https://doi.org/10.1109/PEDES49360.2020.9379343	71	https://doi.org/10.1109/INDCON.2012.6420659
28	https://doi.org/10.1007/978-981-15-7675-1_13	72	https://doi.org/10.1109/INDCON.2012.6420660
29	https://doi.org/10.1109/ODICON50556.2021.9429009	73	https://doi.org/10.1109/SCECS.2012.6184806
30	https://doi.org/10.1109/ICCCA49541.2020.9250897	74	https://doi.org/10.1109/INDCON.2011.6139552
31	https://doi.org/10.1109/CISPSE49931.2020.9212192	75	https://doi.org/10.1109/INDCON.2011.6139553
32	https://doi.org/10.1007/978-981-15-5262-5_27	76	https://doi.org/10.1109/ICPES.2011.6156688
33	https://www.springerprofessional.de/en/improved-sector-based-dtc-svm-for-induction-motor-drive-using-hy/18135754	77	https://doi.org/10.1049/cp.2011.0415
34	https://doi.org/10.1109/i-PACT44901.2019.8960096	78	https://doi.org/10.1049/cp.2011.0351
35	https://doi.org/10.1109/NPEC.2018.8476717	79	https://doi.org/10.1109/PEDES.2010.5712555
36	https://doi.org/10.1109/NPEC.2017.8310430	80	https://doi.org/10.1109/PEDES.2010.5712471
37	https://doi.org/10.1109/NPEC.2017.8310442	81	https://doi.org/10.1109/IECR.2010.5720133
38	https://doi.org/10.1109/INDICON.2017.8487488	82	https://doi.org/10.1109/IECR.2010.5720134
39	https://doi.org/10.1109/INDICON.2017.8488031	83	https://doi.org/10.1109/INDCON.2009.5409482
40	https://doi.org/10.1109/ICPEICES.2016.7853134	84	https://doi.org/10.1109/TENCON.2008.4766440
41	https://doi.org/10.1109/CERA.2017.8343313	85	https://doi.org/10.1109/TENCON.2008.4766709
42	https://doi.org/10.1109/NPSC.2016.7858847	86	https://doi.org/10.1109/TENCON.2008.4766517
43	https://doi.org/10.1109/NPSC.2016.7858863	87	https://doi.org/10.1109/ICETET.2008.185
44	https://doi.org/10.1109/POWERI.2016.8077385	88	

N. Courses developed and YouTube links for course lectures delivered

A. Control of Electric Drives

B. Advanced Machine Drives

Control of Electric Drives (Lectures 1 to 35)			Advanced Machine Drives (Lectures 1 to 35)				
1	https://youtu.be/hfwUsu00C-U	19	https://youtu.be/QXY-lc7i8ro	1	https://youtu.be/TH-ogfcSQJE	19	https://youtu.be/eVIY6USmwwM
2	https://youtu.be/F4zXrb_9g_0	20	https://youtu.be/H8VmeC6ohZQ	2	https://youtu.be/_dsJdYMi4g0	20	https://youtu.be/JtyyEpwDaDU
3	https://youtu.be/HSKIBFQ-ZUs	21	https://youtu.be/5cCk-jhvldI	3	https://youtu.be/Uv6Dd74jshg	21	https://youtu.be/2indZTlp_yo
4	https://youtu.be/d3oFRqe3M08	22	https://youtu.be/NX6w8PYMfy8	4	https://youtu.be/o_HLk3YyL04	22	https://youtu.be/LVQZft_NHoc
5	https://youtu.be/ZmxzDikvc-4	23	https://youtu.be/C04r4Ayh140	5	https://youtu.be/trwblNOnMOM	23	https://youtu.be/VyE-Rgr_u7Y
6	https://youtu.be/D5f0EmUsZW8	24	https://youtu.be/iBUKax67Mcy	6	https://youtu.be/1luO5Vuhkfk	24	https://youtu.be/mDfbXvxeXY4
7	https://youtu.be/7GuUImDPLgM	25	https://youtu.be/lc0xpodTY74	7	https://youtu.be/BUlySQGW29k	25	https://youtu.be/B9INfiNQfWE
8	https://youtu.be/X7NKNFgmvi4	26	https://youtu.be/jiWE_DEMVUH4	8	https://youtu.be/O6182PqKR6U	26	https://youtu.be/yQJoGHnGmus
9	https://youtu.be/BMhM4mxCR0A	27	https://youtu.be/YemJMUplolw	9	https://youtu.be/YrQFCWlyd_0	27	https://youtu.be/KrudZNoPlyo
10	https://youtu.be/MRaZ229mViY	28	https://youtu.be/M2sAoFtClll	10	https://youtu.be/ClF1s1CFz6c	28	https://youtu.be/uX9qlcm_t144
11	https://youtu.be/ypkgrpV35Qg	29	https://youtu.be/NH1x15awSYy	11	https://youtu.be/rhoeyWHvaJY	29	https://youtu.be/6mM13ZX_Dml
12	https://youtu.be/GYTHQZ8Pqos	30	https://youtu.be/S3M6fNlGo_Y	12	https://youtu.be/QEV3_AA3Gk	30	https://youtu.be/TbGlwwRhW14
13	https://youtu.be/yRjIAalLn0A	31	https://youtu.be/qMCMcyS4rLk	13	https://youtu.be/JTENblWCn1s	31	https://youtu.be/f9Wo-75s9B0
14	https://youtu.be/GjwASMzSgXk	32	https://youtu.be/RBdiGfn2vdY	14	https://youtu.be/rUnrLhONiFU	32	https://youtu.be/ZdiV044gpKo
15	https://youtu.be/akCHmofmObE	33	https://youtu.be/bsa6VlVizCE	15	https://youtu.be/eE1qHlk-vjA	33	https://youtu.be/z1VjhCVNFS4
16	https://youtu.be/cs5u-Ee6_gk	34	https://youtu.be/F_MBZT87clE	16	https://youtu.be/9PBu05wDKNQ	34	https://youtu.be/UY9hTrMBHEQ
17	https://youtu.be/AJp7zHZ8QCA	35	https://youtu.be/RNqzxpDMqPl	17	https://youtu.be/5xmw64GIamw	35	https://youtu.be/OhMQZV7W1QQ
18	https://youtu.be/tVtz5N6PN8Q			18	https://youtu.be/n53CPx7BGqM		

All the informations given above are true.

Kanungo Barada Mohanty

Kanungo Barada Mohanty

Date: 03/03/2024

Place: Rourkela