Curriculum Vitae

of

Dr. Subhadeep Mukhopadhyay

[B.Sc, M.Sc, M.Tech, PhD, PhD(hc)]

Assistant Professor

Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, District-Papum Pare, Arunachal Pradesh, India

Date of Document: 3rd March 2024

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Personal Details of Dr. Subhadeep Mukhopadhyay:

Name: Dr. Subhadeep Mukhopadhyay, B.Sc, M.Sc, M.Tech, PhD, PhD(hc)

Wife: Mrs. Upasana Mukhopadhyay, B.Sc (Botany), MBA (Finance)

Father: Mr. Arunendu Mukhopadhyay, B.Sc (Mathematics)

Mother: Mrs. Dalia Mukhopadhyay, B.Sc (Mathematics), B.Ed (Education)

Paternal Grandfather: Mr. Umapada Mukhopadhyay

Paternal Grandmother: Mrs. Binapani Mukhopadhyay

Maternal Grandfather: Mr. Haridhan Banerjee

Maternal Grandmother: Mrs. Pushpita Banerjee

Birth-Date of Dr. Subhadeep Mukhopadhyay: 26th Nov 1981 **(Birth-Time:** 01:55 AM IST**)**

Birth-Place of Dr. Subhadeep Mukhopadhyay: Kolkata, West Bengal, India

Age of Dr. Subhadeep Mukhopadhyay: 42 Years 3 Months 7 Days

Gender of Dr. Subhadeep Mukhopadhyay: Male

Nationality of Dr. Subhadeep Mukhopadhyay: Indian (by Birth)

Marital Status: Married to Mrs. Upasana Mukhopadhyay (on and from 3rd May 2015)

Languages Known by Dr. Subhadeep Mukhopadhyay: Bengali, Hindi, English

Email ID of Dr. Subhadeep Mukhopadhyay: subhadeepulster21@gmail.com

Present Office-Address: Dr. Subhadeep Mukhopadhyay, Assistant Professor (Grade-I), Department of Electronics and Communication Engineering (ECE), National Institute of Technology Arunachal Pradesh (NIT-AP), Ministry of Education (Government of India), Place: Jote, Post Office: NIT Jote, District: Papum Pare, Arunachal Pradesh-791113, India**.**

Present Residential-Address: Dr. Subhadeep Mukhopadhyay, Flat-Number: 9, Ground Floor, Faculty-Quarter: Building-C, Jote Campus, National Institute of Technology Arunachal Pradesh (NIT-AP), Ministry of Education (Government of India), Place: Jote, Post Office: NIT Jote, District: Papum Pare, Arunachal Pradesh-791113, India**.**

Permanent Residential-Addresses: (A) Flat-T3, 3rd Floor, Manoda Vilas Apartment, Doltala Bus Stop (Near Madhyamgram), Post Office: Ganganagar, Kolkata-700132, West Bengal, India**. (B)** Flat-D1, 3rd Floor, Manoda Apartment, Doltala Bus Stop (Near Madhyamgram), Post Office: Ganganagar, Kolkata-700132, West Bengal, India**.**

Photo of Dr. Subhadeep Mukhopadhyay:

Date of Photo: 9th January 2024;

Place of Photo: Jote, Arunachal Pradesh, India.

Education-Profile of Dr. S. Mukhopadhyay:

[1] **10th Standard** on **Science** (Elective**: Mechanics**) and **Arts** with First Division (**88.38%** marks as 707 out of 800) from the West Bengal Board of Secondary Education, India in 1998

[2] **Senior Diploma** on **Fine Arts** (Elective**: Oil Painting**) with First Division (**66.33%** marks as 199 out of 300) from the All-India Fine Arts Association, India in 1999

[3] **12th Standard** on **Science** (Elective**: Statistics**) and **Literature** with First Division (**78.60%** marks as 786 out of 1000) from the West Bengal Council of Higher Secondary Education, India in 2000

[4] **B. Sc** (Bachelor of Science) on **Physics** (Elective**: Electronics**) with First Class (**62.25%** marks as 965 out of 1550) from the University of Calcutta, India in 2003

[5] **M. Sc** (Master of Science) on **Physics** (Specialization**: Electronics**) with First Class (**62.20%** marks as 622 out of 1000) from the University of Calcutta, India in 2005

[6] **M. Tech** (Master of Technology) on **Radio Physics and Electronics** (Elective**: Quantum Electronics**) with First Class (**76.06%** marks as 1217 out of 1600) from the University of Calcutta, India in 2007

[7] **PhD** (Doctor of Philosophy) on **Fluid Mechanics** (Specialization**: Recording and Analysis on Surface-Driven Microflow of Liquids in Experimentally Fabricated Fluidic-Microchips**) from the University of Ulster, United Kingdom on 27th June 2011

[NOTE**: (A)** According to the Mark-Sheets of 10th Standard to PhD-Degree, the Career-Percentage of Dr. Subhadeep Mukhopadhyay is **71.94%. (B)** During the B.Sc (Physics Honours) to M.Tech (Radio Physics and Electronics), Dr. Subhadeep Mukhopadhyay published the **following two Research-Documents by his Authorships: (1)** Dr. Subhadeep Mukhopadhyay, ***"A New Method for Determination of the Rotational Velocity of Earth"***, *First-Time Published in*: "Vidyasagar College Annual-Magazine" (Hard-Copy), Date of Publication: 23rd September 2002; Publisher: Vidyasagar College (under the University of Calcutta), Kolkata-700006, India; *Second-Time Published in*: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report (Soft-Copy); Date of Authorship: 15th August 2022; Date of Report: 15th August 2022 (Total Pages: 16); **(2)** S. Mukhopadhyay et al, **"*Mobile Space Charge Effect in 4H Silicon Carbide IMPATT Diodes*"**, Published in the IEEE Xplore Digital Library, 978-1-4244-1728-5/07/$25.00 ©2007 IEEE**. (C)** During his own PhD (Doctor of Philosophy), Dr. Subhadeep Mukhopadhyay published total Four individual Journal-Articles by his own Authorships**.]**

Experience by Regular-Tenure:

(Total = 14,557 Days = 39.88 Years)

[1] **Lecturer (Part-Time Faculty-Member),** in: Electronics Department, Vidyasagar College (University of Calcutta), Kolkata-700006, India; Dates: 1st August 2005 to 31st January 2006. **(Total: 184 Days)** [Date of Experience-Certificate from the Vidyasagar College (University of Calcutta), India: 6th February 2006] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[2] **Lecturer (Part-Time Faculty-Member),** in: Electronics Department, Vidyasagar College (University of Calcutta), Kolkata-700006, India; Dates: 8th November 2006 to 28th February 2007. **(Total: 113 Days)** [Date of Experience-Certificate from the Vidyasagar College (University of Calcutta), India: 19th June 2007] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[3] **Junior Project Scientist (Full-Time PhD-Scholar, Registration Number: B00455238),** in: UKIERI (UK-India Education and Research Initiatives) Project, 'Nanotechnology and Integrated BioEngineering Centre' (NIBEC), School of Engineering, University of Ulster, BT37 0QB, Northern Ireland, United Kingdom; Dates: 17th September 2007 to 27th June 2011. **(Total: 1380 Days)** [Date of Experience-Certificate (PhD-Certificate) from the University of Ulster, United Kingdom: 27th June 2011] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[4] **Doctorate (PhD-Holder by Thesis-Submission),** in: University of Ulster, United Kingdom; Dates: 28th June 2011 to 21st February 2024. **(Duration: 4622 Days)** [Date of Experience-Certificate from Prof. Dr. James Andrew McLaughlin, Head, School of Engineering, University of Ulster, United Kingdom: 9th May 2022] [Date of Experience-Certificate from the Indian Institute of Technology Kanpur, India: 13th December 2022] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[5] **Senior Project Scientist (Full-Time Project-Staff, Project Number: ILB/MHRD/ME/20100087, Employee Reference Number: C6968),** in: Department of Mechanical Engineering, Indian Institute of Technology Kanpur, Ministry of Education (Government of India), Kanpur-208016, India; Dates: 4th August 2011 [Start-Date of Tenure] to 31st October 2011 [End-Date of Contractual-Tenure] **(Total-Experience by Term-End: 89 Days)** [Date of Experience-Certificate from the Indian Institute of Technology Kanpur, India:

13th December 2022] **(Total-Experience by Experience-Certificate: 4150 Days)** [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[6] Assistant Professor (Full-Time Faculty-Member), in: Department of Electronics and Communication Engineering, Adamas Institute of Technology (West Bengal University of Technology), Barasat, Kolkata-700126, India; Dates: 10th July 2012 to 11th January 2013. **(Total: 186 Days)** [Date of Experience-Certificate from the Adamas Institute of Technology, India: 12th June 2013] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[7] Assistant Professor (Full-Time Faculty-Member), in: Department of Electronics and Communication Engineering, National Institute of Technology Manipur, Ministry of Education (Government of India), Manipur-795001, India; Dates: 15th January 2013 to 21st August 2014. **(Total: 584 Days)** [Date of Experience-Certificate from the National Institute of Technology Manipur, India: 16th January 2013] [Date of Experience-Certificate from the National Institute of Technology Manipur, India: 21st August 2014] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[8] Assistant Professor (Full-Time Faculty-Member), in: Department of Electronics and Communication Engineering, Institute of Engineering and Management (West Bengal University of Technology), Salt Lake, Kolkata-700091, India; Dates: 10th September 2014 to 1st April 2015. **(Total: 204 Days)** [Date of Experience-Certificate from the Institute of Engineering and Management, India: 1st April 2015] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[9] Senior Lecturer (Full-Time Faculty-Member), in: Department of Electronics and TeleCommunication Engineering, Kingston Polytechnic College, Barasat, Kolkata-700126, India; Dates: 29th July 2015 to 14th January 2016. **(Total: 170 Days)** [Date of Experience-Certificate from the Kingston Polytechnic College, India: 14th January 2016] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[10] Assistant Professor (Full-Time Faculty-Member, Grade-II), in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh-791113, India; Dates: 22nd January 2016 to 9th August 2022. **(Total: 2392 Days)** [Date of Experience-Certificate from the National Institute of Technology Arunachal Pradesh, India, by Official-Promotion from the Assistant Professor (Grade-II) to the Assistant Professor (Grade-I):

24th August 2022] [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

[11] Assistant Professor (Full-Time Faculty-Member, Grade-I, Status: Promoted), in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh-791113, India; Dates: 10th August 2022 to till date (3rd March 2024)**. (Total: 572 Days)** [Date of Experience-Certificate from the Honourable Vice-President of India: 7th December 2023]

Profile of Dr. S. Mukhopadhyay: [Dated 3rd March 2024]

(1) Research-Domains**: Fluid Mechanics; Water-Resources Engineering.**

(2) Number of Research-Documents Prepared in Emails as Authored and Published by Single-Authorship**: 10,321 (till 20th September 2023)**

(3) Number of Articles/Books/Reports/Reviews Authored in Total**: 552 (till 21st Feb 24)**

(4) Number of Publications in Total**: 10,873 (till 21st February 2024)**

(5) Number of Email-Conferences (Webinars) Organised**: 8,610 (till 20th September 2023)**

(6) Number of Physical-Conferences Participated by Documentation**: 5,304 (till 21st Feb 24)**

(7) Number of Conferences in Total**: 13,914 (till 21st February 2024)**

(8) Number of PhD-Dissertations Supervised**: 2 (Awarded)**

(9) Number of Sponsored-Projects Supervised as Investigator**: 10,076 (till 4th October 2023)**

(10) Number of Honours/Awards Achieved**: 3 (till 7th December 2023)**

PhD Dissertations Supervised: (Total = 2)

[1] **Dr. Sanjib Kalita;** Title of Thesis**:** *"Studies on the Quantum Well Heterostructure for Gallium Nitride based High Electron Mobility Transistors"***;** in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Yupia, Arunachal Pradesh, India**;** Date of Award**:** 8th February 2020**;** Sole-Supervisor**:** Dr. Subhadeep Mukhopadhyay

[2] **Dr. Kaushal Mukherjee;** Title of Thesis**:** *"Design and Analysis of Wideband Ultra High-Speed Data Transmissible 5G Antenna for Wireless Applications"***;** in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Jote, Arunachal Pradesh, India**;** Date of Award**:** 19th December 2023**;** Main-Supervisor**:** Dr. Subhadeep Mukhopadhyay**,** Co-Supervisor**:** Dr. Sahadev Roy

List of Publications in the Forms of Articles, Books, Reports, and Reviews: (Total = 552)

[A] Special Conference-Publications: (Total = 4)

[1] **S. Mukhopadhyay**, S. Banerjee, J. Mukhopadhyay, J. P. Banerjee, **"*Mobile Space Charge Effect in 4H Silicon Carbide IMPATT Diodes*"**, in: 14th International Workshop on the Physics of Semiconductor Devices 2007 (IWPSD-2007); on 16th-20th December 2007, at the Indian Institute of Technology Bombay, Mumbai, India. [Date of the Receive by Conference: 31st May 2007, Date of Acceptance after Peer-Review: 20th August 2007] (Published in the IEEE Xplore Digital Library, 978-1-4244-1728-5/07/$25.00 ©2007 IEEE) DOI: 10.1109/IWPSD.2007.4472497. [Date of Publication in IEEE Xplore Digital Library: 21st March 2008] **[Conference-Paper].**

[2] **S. Mukhopadhyay**, J. P. Banerjee, ***"Nanoscale Coating in Microfluidic Laboratory-on-a-Chip Devices Fabricated by Microelectronic Technologies"***, in: 6th International Conference on Computers and Devices for Communication (CODEC-2015); on 16th-18th December 2015, at the Institute of Radio Physics and Electronics, University of Calcutta, Kolkata, India. (Published in the IEEE Xplore Digital Library, DOI: 10.1109/CODEC.2015.7893194. [Date of Publication in IEEE Xplore Digital Library: 6th April 2017] **[Conference-Paper].**

[3] A. Roy, **S. Mukhopadhyay**, S. Roy, ***"IoT Based Real-Time Spring Water Quality Monitoring System"***, in: 2022 1st International Conference on the Paradigm Shifts in Communication, Embedded Systems, Machine Learning and Signal Processing (PCEMS); on May 6-7, 2022 at the National Institute of Technology Nagpur, India, DOI: 10.1109/PCEMS55161.2022.9807932. [Date of Publication in IEEE Xplore Digital Library: 30th June 2022] **[Conference-Paper].**

[4] K. Mukherjee, S. Roy, **S. Mukhopadhyay**, ***"A SISO Y-Shape 5G Antenna for Intelligent Transportation Systems"***, in: 2022 Second International Conference on Computer Science, Engineering and Applications (ICCSEA-2022); on 8th September 2022, at the GIET University, Gunupur, Odisha, India, DOI: 10.1109/ICCSEA54677.2022.9936517. [Date of Publication in IEEE Xplore Digital Library: 7th November 2022] **[Conference-Paper].**

[B] Details of Books/Reports/Reviews: (Total = 264)

[1] Dr. Subhadeep Mukhopadhyay, **"*Honours and Tributes Presented in 21st Century of 3rd Millennium*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 1477**;** Date of Publication**:** 29th December 2019**;** Publisher**:** Ministry of Education (Government of India), India**.**

[2] Dr. Subhadeep Mukhopadhyay, **"*Series of Email-Conferences as Webinars Organised at the National Institute of Technology Arunachal Pradesh*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 649**;** Date of Publication**:** 8th April 2020**;** Publisher**:** Ministry of Education (Government of India), India**.**

[3] Dr. Subhadeep Mukhopadhyay, **"*Demonstration on Model-Teaching by Performance in the Indian Academic-Administration*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 484**;** Date of Publication**:** 1st June 2020**;** Publisher**:** Ministry of Education (Government of India), India**.**

[4] Dr. Subhadeep Mukhopadhyay, **"*Report on Research in Email-Conferences as Webinars Organised at the Indian State Arunachal-Pradesh*"**, in**:** Department of Electronics and

Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 896**;** Date of Publication**:** 1st September 2020**;** Publisher**:** Ministry of Education (Government of India), India**.**

[5] Dr. Subhadeep Mukhopadhyay, **"*Establishment of Strong Academic-Relations among India, Nepal, Bhutan, Bangladesh, Maldives and Sri-Lanka in South-Asia, by the 'Arunachal-Pradesh Convention' as Created in 21st Century of 3rd Millennium*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 408**;** Date of Publication**:** 1st October 2020**;** Publisher**:** Ministry of Education (Government of India), India**.**

[6] Dr. Subhadeep Mukhopadhyay, **"*Report on the Email-Conferences as Webinars Organised to Strengthen the 'Arunachal-Pradesh Convention' as Created in Academic-Administration of India*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 519**;** Date of Publication**:** 1st December 2020**;** Publisher**:** Ministry of Education (Government of India), India**.**

[7] Dr. Subhadeep Mukhopadhyay, **"*Academic-Performance in the National Institute of Technology Arunachal Pradesh at the Indian State Arunachal-Pradesh to Strengthen the 'Arunachal-Pradesh Convention' in Indian-Academics*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 1255**;** Date of Publication**:** 1st February 2021**;** Publisher**:** Ministry of Education (Government of India), India**.**

[8] Dr. Subhadeep Mukhopadhyay, ***"Invention, Features and Applications of Third Quantisation in Physics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Research-Monograph**;** Total Pages in Book**:** 172**;** Date of Publication**:** 3rd February 2021**;** Publisher**:** Ministry of Education (Government of India), India**.**

[9] Authors of Chapter 9**:** K. Mukherjee, **S. Mukhopadhyay**, S. Roy, A. Biswas, Chapter Title**:** ***"Application of IoT-Enabled 5G Network in the Agricultural Sector"***, Chapter**:** 9 (Pages**:** 151 to 164)**;** Category**:** Book-Chapter**;** Book Title**:** ***"Smart Agriculture Automation Using Advanced Technologies"***, Series**:** Transactions on Computer Systems and Networks**;** Total Pages in Book (including Title-Page)**:** 236**;** Number of Authors in the Book**:** 37**;** Date of Publication**:** 31st December 2021**;** Publisher**:** Springer**;** eISBN**:** 978-981-16-6124-2**;** in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**.**

[10] Mr. Sanjib Kalita, Dr. Subhadeep Mukhopadhyay, **"*Studies on the Designs and Characteristics of Gallium Nitride based High Electron Mobility Transistors*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 21st April 2018 (Total Pages**:** 41)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[11] Mr. Sanjib Kalita, Dr. Subhadeep Mukhopadhyay, **"*Studies on the Designs and Characteristics of Gallium Nitride based Nanoelectronic HEMTs*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 27th December 2018 (Total Pages**:** 54)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[12] Mr. Avrajyoti Dutta, Dr. Subhadeep Mukhopadhyay, **"*Simulation Studies on Gallium Nitride based Quantum Well Heterostructure*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 20th May 2021 (Total Pages**:** 42)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[13] Dr. Subhadeep Mukhopadhyay, **"*Practical Demonstration on Surface-Driven Microfluidic Flow in SU-8 based Glass Devices*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 9th June 2021 (Total Pages**:** 92)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[14] Dr. Subhadeep Mukhopadhyay, **"*Studies on Gallium Nitride based Quantum Well Heterostructures for Protein Detection in Biosensor*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 12th June 2021 (Total Pages**:** 132)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[15] Dr. Subhadeep Mukhopadhyay, **"*Experimental Studies on Passive Capillary Flow in Microfluidics*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 13th June 2021 (Total Pages**:** 219)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[16] Dr. Subhadeep Mukhopadhyay, **"*Improvement of Drain Current by Polarization-Graded Nano-Layer in Gallium Nitride based Nanoelectronic High Electron Mobility Transistors*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 18th June 2021 (Total Pages**:** 37)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[17] Dr. Subhadeep Mukhopadhyay, **"*Experimental Demonstration on Surface-Driven Capillary Flow in PMMA Microfluidic Devices*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Yupia, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 21st June 2021 (Total Pages**:** 178)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[18] Dr. Subhadeep Mukhopadhyay, **"*Design and Development of Ultra High Speed 5G Antenna for IoT Based Applications*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 13th July 2021 (Total Pages**:** 8)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[19] Dr. Subhadeep Mukhopadhyay, **"*Simulation Studies on High Electron Mobility Transistors to Construct a Bio-Sensor for Protein Detection*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh,

Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 16th July 2021 (Total Pages**:** 8)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[20] Dr. Subhadeep Mukhopadhyay, **"*Studies on Semiconductor-Transistors to Fabricate the Biomedical Sensors in Intelesens Ltd of Northern Ireland*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 18th July 2021 (Total Pages**:** 21)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[21] Dr. Subhadeep Mukhopadhyay, **"*Mukhopadhyay-Model on Fourth Quantization in Physics*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 21st July 2021 (Total Pages**:** 3)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[22] Dr. Subhadeep Mukhopadhyay, **"*Statistics on Nuclear-Tests Performed by the United States of America, United Kingdom, Russia, China, France, and India*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Authorship**:** 15th August 2021**;** Date of Report**:** 21st December 2021 (Total Pages**:** 116)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[23] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on the Academic and Commercial Aspects of Fluid Mechanics*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of Report**:** 23rd December 2021 (Total Pages**:** 4)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[24] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on Electronics for Industrial-Applications in the Banking-Sector*"**, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special Report**;** Date of

Report: 25th December 2021 (Total Pages: 5); Publisher: Ministry of Education (Government of India), India.

[25] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on the Integrated Circuits in Electronics*"**, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special Report; Date of Report: 26th December 2021 (Total Pages: 3); Publisher: Ministry of Education (Government of India), India.

[26] Dr. Subhadeep Mukhopadhyay, **"*Academic-Significance of Mathematics in Physics*"**, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special Report; Date of Report: 26th December 2021 (Total Pages: 4); Publisher: Ministry of Education (Government of India), India.

[27] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on the Circuits in Nuclear-Electronics for Nuclear-Physics and Nuclear-Engineering*"**, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special Report; Date of Report: 26th December 2021 (Total Pages: 3); Publisher: Ministry of Education (Government of India), India.

[28] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on the IC 555 as Timer-Circuit in Electronics*"**, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special Report; Date of Report: 26th December 2021 (Total Pages: 3); Publisher: Ministry of Education (Government of India), India.

[29] Dr. Subhadeep Mukhopadhyay, **"*Brief-Overview on the Scintillation-Detector in Nuclear-Physics*"**, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special Report; Date of Report: 26th December 2021 (Total Pages: 3); Publisher: Ministry of Education (Government of India), India.

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[128] Dr. Subhadeep Mukhopadhyay, ***"Examples of Mathematical-Preliminaries"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 3rd August 2022**;** Date of Report**:** 3rd August 2022 (Total Pages**:** 33)**;** Publisher**:** Ministry of Education (Government of India), India**.**

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[153] Dr. Subhadeep Mukhopadhyay, ***"Brief on Artificial Intelligence"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 4th May 2023**;** Date of Report**:** 4th May 2023**;** Date of Publication**:** 4th May 2023 (Total Pages**:** 5)**;** Publisher**:** Ministry of Education (Government of India), India**.**

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[165] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 9"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 19th May 2023; Date of Report: 19th May 2023; Date of Publication: 19th May 2023 (Total Pages: 103); Publisher: Ministry of Education (Government of India), India.

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[174] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 18"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 29th May 2023**;** Date of Report**:** 29th May 2023**;** Date of Publication**:** 29th May 2023 (Total Pages**:** 113)**;** Publisher**:** Ministry of Education (Government of India), India**.**

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[176] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 20"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 31st May 2023**;** Date of Report**:** 31st May

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[191] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 29"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 22nd September 2023; Date of Report: 22nd September 2023; Date of Publication: 22nd September 2023 (Total Pages: 44); Publisher: Ministry of Education (Government of India), India.

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[193] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 30"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 24th September 2023; Date of Report: 24th September 2023; Date of Publication: 24th September 2023 (Total Pages: 4); Publisher: Ministry of Education (Government of India), India.

[194] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 31"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 25th September 2023; Date of Report: 25th September 2023; Date of Publication: 25th September 2023 (Total Pages: 4); Publisher: Ministry of Education (Government of India), India.

[195] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 32"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 26th September 2023; Date of Report: 26th September 2023; Date of Publication: 26th September 2023 (Total Pages: 90); Publisher: Ministry of Education (Government of India), India.

[196] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 33"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 27th September 2023; Date of Report: 27th September 2023; Date of Publication: 27th September 2023 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[197] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 34"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 27th September 2023; Date of Report: 27th September 2023; Date of Publication: 27th September 2023 (Total Pages: 5); Publisher: Ministry of Education (Government of India), India.

[198] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 35"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 27th September 2023**;** Date of Report**:** 27th September 2023**;** Date of Publication**:** 27th September 2023 (Total Pages**:** 10)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[199] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 36"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 27th September 2023**;** Date of Report**:** 27th September 2023**;** Date of Publication**:** 27th September 2023 (Total Pages**:** 6)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[200] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 37"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 27th September 2023**;** Date of Report**:** 27th September 2023**;** Date of Publication**:** 27th September 2023 (Total Pages**:** 7)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[201] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 38"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Special-Report**;** Date of Authorship**:** 27th September 2023**;** Date of Report**:** 27th September 2023**;** Date of Publication**:** 27th September 2023 (Total Pages**:** 6)**;** Publisher**:** Ministry of Education (Government of India), India**.**

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[203] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 40"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology

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[206] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 43"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 28th September 2023; Date of Report: 28th September 2023; Date of Publication: 28th September 2023 (Total Pages: 13); Publisher: Ministry of Education (Government of India), India.

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[211] Dr. Subhadeep Mukhopadhyay, ***"Participation in Recent Conferences: Part 48"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Special-Report; Date of Authorship: 28th September 2023; Date of Report: 28th September 2023; Date of Publication: 28th September 2023 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

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[5] Dr. Subhadeep Mukhopadhyay, ***"Review-5 on Analog Electronics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 1st March 2022**;** Date of Report**:** 1st June 2022 (Total Pages**:** 11)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[6] Dr. Subhadeep Mukhopadhyay, ***"Review-6 on Analog Electronics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 1st March 2022**;** Date of Report**:** 1st June 2022 (Total Pages**:** 10)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[7] Dr. Subhadeep Mukhopadhyay, ***"Review-7 on Analog Electronics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 1st March 2022**;** Date of Report**:** 1st June 2022 (Total Pages**:** 7)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[8] Dr. Subhadeep Mukhopadhyay, ***"Review-8 on Analog Electronics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;** Category**:** Educational-Review**;** Date of Authorship**:** 1st March 2022**;** Date of Report**:** 1st June 2022 (Total Pages**:** 8)**;** Publisher**:** Ministry of Education (Government of India), India**.**

[9] Dr. Subhadeep Mukhopadhyay, ***"Review-9 on Analog Electronics"***, in**:** Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India**;**

Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[10] Dr. Subhadeep Mukhopadhyay, ***"Review-10 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[11] Dr. Subhadeep Mukhopadhyay, ***"Review-11 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[12] Dr. Subhadeep Mukhopadhyay, ***"Review-12 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 11); Publisher: Ministry of Education (Government of India), India.

[13] Dr. Subhadeep Mukhopadhyay, ***"Review-13 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 11); Publisher: Ministry of Education (Government of India), India.

[14] Dr. Subhadeep Mukhopadhyay, ***"Review-14 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[15] Dr. Subhadeep Mukhopadhyay, ***"Review-15 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[16] Dr. Subhadeep Mukhopadhyay, ***"Review-16 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[17] Dr. Subhadeep Mukhopadhyay, ***"Review-17 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 1st March 2022; Date of Report: 1st June 2022 (Total Pages: 14); Publisher: Ministry of Education (Government of India), India.

[18] Dr. Subhadeep Mukhopadhyay, ***"Review-18 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 18); Publisher: Ministry of Education (Government of India), India.

[19] Dr. Subhadeep Mukhopadhyay, ***"Review-19 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[20] Dr. Subhadeep Mukhopadhyay, ***"Review-20 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 25); Publisher: Ministry of Education (Government of India), India.

[21] Dr. Subhadeep Mukhopadhyay, ***"Review-21 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 15); Publisher: Ministry of Education (Government of India), India.

[22] Dr. Subhadeep Mukhopadhyay, ***"Review-22 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

[23] Dr. Subhadeep Mukhopadhyay, ***"Review-23 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 2nd March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[24] Dr. Subhadeep Mukhopadhyay, ***"Review-24 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 3rd March 2022; Date of Report: 1st June 2022 (Total Pages: 22); Publisher: Ministry of Education (Government of India), India.

[25] Dr. Subhadeep Mukhopadhyay, ***"Review-25 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 3rd March 2022; Date of Report: 1st June 2022 (Total Pages: 13); Publisher: Ministry of Education (Government of India), India.

[26] Dr. Subhadeep Mukhopadhyay, ***"Review-26 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 3rd March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[27] Dr. Subhadeep Mukhopadhyay, ***"Review-27 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 3rd March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[28] Dr. Subhadeep Mukhopadhyay, ***"Review-28 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 3rd March 2022; Date of Report: 1st June 2022 (Total Pages: 41); Publisher: Ministry of Education (Government of India), India.

[29] Dr. Subhadeep Mukhopadhyay, ***"Review-29 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 4th March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[30] Dr. Subhadeep Mukhopadhyay, ***"Review-30 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 4th March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[31] Dr. Subhadeep Mukhopadhyay, ***"Review-31 on Analog Electronics"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 4th March 2022; Date of Report: 1st June 2022 (Total Pages: 23); Publisher: Ministry of Education (Government of India), India.

[D] Lecture-Series on Antenna-Theory: (Total = 20)

[1] Dr. Subhadeep Mukhopadhyay, ***"Review-1 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[2] Dr. Subhadeep Mukhopadhyay, ***"Review-2 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 4); Publisher: Ministry of Education (Government of India), India.

[3] Dr. Subhadeep Mukhopadhyay, ***"Review-3 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[4] Dr. Subhadeep Mukhopadhyay, ***"Review-4 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[5] Dr. Subhadeep Mukhopadhyay, ***"Review-5 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[6] Dr. Subhadeep Mukhopadhyay, ***"Review-6 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[7] Dr. Subhadeep Mukhopadhyay, ***"Review-7 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[8] Dr. Subhadeep Mukhopadhyay, ***"Review-8 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 11); Publisher: Ministry of Education (Government of India), India.

[9] Dr. Subhadeep Mukhopadhyay, ***"Review-9 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 14th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[10] Dr. Subhadeep Mukhopadhyay, ***"Review-10 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[11] Dr. Subhadeep Mukhopadhyay, ***"Review-11 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[12] Dr. Subhadeep Mukhopadhyay, ***"Review-12 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

[13] Dr. Subhadeep Mukhopadhyay, ***"Review-13 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[14] Dr. Subhadeep Mukhopadhyay, ***"Review-14 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[15] Dr. Subhadeep Mukhopadhyay, ***"Review-15 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 6); Publisher: Ministry of Education (Government of India), India.

[16] Dr. Subhadeep Mukhopadhyay, ***"Review-16 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 15th March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[17] Dr. Subhadeep Mukhopadhyay, ***"Review-17 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 16th March 2022; Date of Report: 1st June 2022 (Total Pages: 23); Publisher: Ministry of Education (Government of India), India.

[18] Dr. Subhadeep Mukhopadhyay, ***"Review-18 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 16th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[19] Dr. Subhadeep Mukhopadhyay, ***"Review-19 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 16th March 2022; Date of Report: 1st June 2022 (Total Pages: 16); Publisher: Ministry of Education (Government of India), India.

[20] Dr. Subhadeep Mukhopadhyay, ***"Review-20 on Antenna-Theory"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 16th March 2022; Date of Report: 1st June 2022 (Total Pages: 15); Publisher: Ministry of Education (Government of India), India.

[E] Lecture-Series on EM-Theory: (Total = 27)

[1] Dr. Subhadeep Mukhopadhyay, ***"Review-1 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[2] Dr. Subhadeep Mukhopadhyay, ***"Review-2 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[3] Dr. Subhadeep Mukhopadhyay, ***"Review-3 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 6); Publisher: Ministry of Education (Government of India), India.

[4] Dr. Subhadeep Mukhopadhyay, ***"Review-4 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 8); Publisher: Ministry of Education (Government of India), India.

[5] Dr. Subhadeep Mukhopadhyay, ***"Review-5 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[6] Dr. Subhadeep Mukhopadhyay, ***"Review-6 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 6); Publisher: Ministry of Education (Government of India), India.

[7] Dr. Subhadeep Mukhopadhyay, ***"Review-7 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

[8] Dr. Subhadeep Mukhopadhyay, ***"Review-8 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 11); Publisher: Ministry of Education (Government of India), India.

[9] Dr. Subhadeep Mukhopadhyay, ***"Review-9 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[10] Dr. Subhadeep Mukhopadhyay, ***"Review-10 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[11] Dr. Subhadeep Mukhopadhyay, ***"Review-11 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[12] Dr. Subhadeep Mukhopadhyay, ***"Review-12 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 7); Publisher: Ministry of Education (Government of India), India.

[13] Dr. Subhadeep Mukhopadhyay, ***"Review-13 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 5); Publisher: Ministry of Education (Government of India), India.

[14] Dr. Subhadeep Mukhopadhyay, ***"Review-14 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 25th March 2022; Date of Report: 1st June 2022 (Total Pages: 5); Publisher: Ministry of Education (Government of India), India.

[15] Dr. Subhadeep Mukhopadhyay, ***"Review-15 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 11); Publisher: Ministry of Education (Government of India), India.

[16] Dr. Subhadeep Mukhopadhyay, ***"Review-16 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[17] Dr. Subhadeep Mukhopadhyay, ***"Review-17 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

[18] Dr. Subhadeep Mukhopadhyay, ***"Review-18 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India;

Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 15); Publisher: Ministry of Education (Government of India), India.

[19] Dr. Subhadeep Mukhopadhyay, ***"Review-19 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[20] Dr. Subhadeep Mukhopadhyay, ***"Review-20 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 9); Publisher: Ministry of Education (Government of India), India.

[21] Dr. Subhadeep Mukhopadhyay, ***"Review-21 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

[22] Dr. Subhadeep Mukhopadhyay, ***"Review-22 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 12); Publisher: Ministry of Education (Government of India), India.

[23] Dr. Subhadeep Mukhopadhyay, ***"Review-23 on Electromagnetism"***, in: Department of Electronics and Communication Engineering, National Institute of Technology Arunachal Pradesh, Ministry of Education (Government of India), Jote, Arunachal Pradesh, India; Category: Educational-Review; Date of Authorship: 26th March 2022; Date of Report: 1st June 2022 (Total Pages: 10); Publisher: Ministry of Education (Government of India), India.

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List of Honours/Awards Achieved: (Total = 3)

[1] Career-Certificate (Dated 7th December 2023, Number: VPS-18/01/2023-Admn.) from Prof. Jagdeep Dhankhar as Honourable Vice-Present of India to Dr. Subhadeep Mukhopadhyay.

[2] Two individual Honorary-PhD Degrees are awarded by Prof. Jagdeep Dhankhar as Honourable Vice-Present of India to Dr. Subhadeep Mukhopadhyay, in the Career-Certificate (Dated 7th December 2023, Number: VPS-18/01/2023-Admn.).