CURRICULUM VITAE

Dr. Sushrut Das

Professor and Associate Dean (Academics – PG), IIT (ISM) Dhanbad
PhD, IIT Kharagpur
Senior Member, IEEE

Permanent Addresss:
Flat No. 9B, Tower - 6,
Alcove New Kolkata –
Prayag, Mahesh,
Serampore, Hooghly,
Pin-712202
West Bengal, India.

Contact Address:
Dept of Electronics Engg,
IIT (ISM), Dhanbad –
826004,
Jharkhand, India.

Contact Numbers:
Off: +91 –326 - 2235496
Mob: +91 – 9430374392

Tele-Fax :
+91 – 326 – 2296622

Whats App:
+91-9430374392

E- Mail Address :
sushrut@iitism.ac.in
sushrut_das@yahoo.com

Orcid ID: 0000-0003-3174-9199
Scopus ID: 55834414200
Researcher ID: V-9116-2019

JOB PROFILE :

RECENT STATUS

Professor in the Department of Electronics Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad from 17 – 08 – 2023 (AN).

PREVIOUS APPOINTMENTS:

1. Associate Professor in the Department of Electronics Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad from 07 – 11 – 2017 (AN) to 17 – 08 – 2023 (FN).
2. Assistant Professor in the Department of Electronics Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad from 10 – 01 – 2007 (AN) to 07 – 11 – 2017 (FN).

TEACHING :

1.	Microwave and Antenna with Lab	(UG)
2.	Instrumentation and Control	(UG)
3.	Electronics Engineering with Lab	(UG)
4.	EMI and EMC	(UG)
5.	Control System Engineering with Lab	(UG)
6.	Microprocessor and Apllications	(UG+PG)
7.	Electromagnetic Theory	(UG)
8.	Microprocessors with Lab	(UG)
9.	Instrumentation and Microprocessor Control	(UG)
10.	Antenna / Antenna and Wave Propagation	(UG)
11.	Analog Circuits with Lab	(UG)
12.	RF and Microwave Engineering with Lab	(UG)
13.	Analog Communication with Lab	(UG)
14.	Microprocessor and its Applications	(UG)
15.	Communication System Lab	(UG)
16.	RF and Microwave System	(PG)
17.	Digital Electronics and Microprocessor with Lab	(PG)
18.	Advanced Antenna Theory	(PG)
19.	Microwave Devices and Systems	(PG)
20.	RF and CAD and Project Lab	(PG)
21.	Microwave Circuits and Networks	(PG)
22.	Microwave Trans. Line and Matching Networks	(PG)
23.	Metamaterials and CRLH Transmisssion Lines	(PG)
24.	Electronics and Communication Engineering Lab	(PG)

COURSE / LAB DEVELOPMENT :

1. Developed the following theory courses:
   - Electromagnetic Theory (Old)
   - Microwave Engineering (Old)
   - Microwave Engineering Lab(Old)
   - Antenna Theory (Old)
   - Microwave Devices and Systems (Old)
   - Microwave Circuits and Network (Old)
   - Microwave Transmission Line and Matching Networks (Running)
   - Electromagnetic Interference & Electromagnetic Compatibility (Running)
2. Developed the following labs:
   - Microwave and Antenna Lab
   - Research Lab
   - DST FIST LAB (Anechoic Chamber).

ADMINISTRATIVE & COMMITTEE WORKS:

1. Associate Dean (Academics – PG) from October 2023 [Ongoing].
2. Institute Nodal Coordinator of QIP [Ex-officio Associate Dean (Academics – PG) from October 2023 [Ongoing].
3. Institute Nodal Coordinator of PMRF [Ex-officio Associate Dean (Academics – PG) from October 2023 [Ongoing].
4. Member of Senate (Former Academic Council) from August, 2016 to June 2018 and from August 2024 [Ongoing].
5. Departmental Coordinator of I-STEM from September 2019 [Ongoing].
6. Member of DFSC (Associate Professor and Professor) from May 2024 [Ongoing].
7. Institute Website Revamp Committee from January 2024 [Ongoing].
8. Institute Centenary Celebration Committee from May 2024 [Ongoing].
9. Member of Central Time Table Committee form 2007 to 2014 [Tenure complete].
10. Core Committee Member of TEQIP – II [Tenure complete].
11. Warden of Diamond Hostel [Tenure complete].
12. Chief warden of Sapphire Hostel from July 2022 - December 2023 [Tenure complete].
13. Warden of Sapphire Hostel from July 2020 – June 2022 [Tenure complete].
14. Task Force Member for Hostel Administration from Nov. 2013 to June 2018 [Tenure complete].
15. Member of e-class Room Committee [Tenure complete].
16. Member Health Center Purchase Committee [Tenure complete].
17. Member, CIIE from February, 2015 [Tenure complete].
18. 2 year M.Tech Cordinator of ECE Department from 2014 to 2015 [Tenure complete].
19. 3 – year M.Tech Coordinator of ECE Department from 2015 [Tenure complete].
20. DRC Member of ECE Department from November, 2015 [Tenure complete].
21. Departmentl Budget and Revenue Committee, from 2018 to 2020 [Tenure complete].
22. Member of DFSC (Assistant Professor) from December 2020 to December 2021 [Tenure complete].
23. Convener DUGC of ECE Department from 2020 – 2022 [Tenure complete].

WORKSHOP / SHORT COURSE ORGANIZED:

1. Microwave Instrumentation and Simulation Tools (2014).
2. Modern antenna System: From Theory to Practice (2015).

RESEARCH PROFILE :

AREA OF INTEREST:

1. Microwave Networks and Antennas
2. Wireless Power Transfer and Energy Harvesting.

RESEARCH INTEREST :

1. Microwave Antennas.
2. Rectennas.
3. Microwave Filters.

FUTURE LONG TERM RESARCH OBJECTIVE :

To develop a full-scale wireless energy transfer / harvesting systems to power electronic devices, unmanned airborne vehicles, electric cars and remote areas.

AWARDS RECEIVED AND NOMINATED:

1. Received URSI (International Union of Radio Science) **Young Scientist Award** in Istanbul, Turkey, 2011.
2. Nominated for Young Scientist Award in International Conference on Electromagnetics in Advanced Applications, Cape Town, South Africa.
3. Nominated for Young Scientist Award in IEEE Antenna Propagation in Wireless Communications Conference, Cape Town, South Africa

EXTERNALLY FUNDED PROJECT:

Title: Accurate Analysis of Passive Waveguide Structures under Pulse / FM Excitation.
Sponsor: Department of Science and Technology, Government of India.
Project Cost and Duration: 14.40 Lakh, 3 Years
Role: PI
Status: Completed (2012)

Title: Fund for Improvement of Science & Technology Infrastructure (DST –FIST) *.
Sponsor: Department of Science and Technology, Government of India.
Project Cost and Duration: 120 Lakh, 5 Years
Role: PI
Status: Completed (2018)

Title: Development of Hybrid Nanocomposite based Wide Band RADAR Absorbing Materials
Sponsor: Defense Research and Development Organization (DRDO)
Project Cost and Duration: 32.90 Lakh, 3 Years
Role: Co-PI
Status: Completed (2019)

Title: Design & Development of Substrate Integrated Waveguide (SIW) based Circular Polarized High Gain Slot Array Antenna for Satellite Communication.
Sponsor: Indian Space Research Organization (ISRO)
Project Cost and Duration: 18.20 Lakh, 2 Years
Role: Co-PI
Status: Completed (2022)

Title: Photonic Highly Steerable Beam-forming Systems in Ku Band for Broadband Satellite Communication Link.
Sponsor: Indian Space Research Organization (ISRO)
Project Cost and Duration: 20.00 Lakh, 2 Years
Role: Co-PI
Status: Completed (2023)

Title: Fund for Improvement of Science & Technology Infrastructure (DST –FIST)* .
Sponsor: Department of Science and Technology, Government of India.
Project Cost and Duration: 170 Lakh, 5 Years
Role: PI
Status: Ongoing

**Department level project*

PHD GUIDENCE :

Upto June, 2024	Full Time Completed	Part Time Completed	Full Time Ongoing	Part Time Ongoing
PhD (12+4)	7	6	3	0

1. Rintu Kumar Gayen (Full Time / Sole Guide /Awarded: January 2014)
2. Rakesh Kumar Yadav (Part Time / Joint Guidence with Prof. R L Yadava / Awarded: July 2016)
3. Lakhindar Murmu (Full Time / Sole Guide / Awarded: March 2017)
4. Deepak Gangwar (Part Time / Joint Guidence with Prof. R L Yadava / Awarded: March 2017)
5. Amit Bage (Full Time / Sole Guide / Awarded: October 2017)
6. Avinash Chandra (Full Time / Sole Guide / Awarded: November 2018)
7. Shailesh Mishra (Part Time / Joint Guidence with Prof. S S Pattanaik / Awarded: July 2020)
8. Udaybhaskar Pattapu (Full Time / Sole Guide / Awarded: October 2020)
9. Shiv Charan Puri (Part Time / Joint Guidence with Prof. M G Tiwari / Awarded: November 2020)
10. Sonika Priyadarshini Biswal (Full Time / Sole Guide / Awarded: August 2021)
11. Kalyanbrata Ghosh (Part Time / Sole Guide / Awarded: April, 2022)
12. Ruchi Agarwal (Part Time / Joint Guidence with Prof. Prof. R L Yadava / Awarded: January 2024)
13. Priya Kumari (Full Time / Sole Guide / Awarded: June 2024)

PUBLICATION # :

Book: 1
Patent: 2 (Applied)
International Journals (Indexed): 64 (SCI /SCIE: 59, Scopus: 04$, Web of Science Q1->06, Q2->10)
National Journals (Indexed): 0
International Conference: 63
National Conference: 14

#*Details of Publications are provided in the "List of Publications"*
$Excluding SCIE publications

SCI / SCIE / SCOPUS JOURNAL LIST**:

1. Progress in Electromagnetic Research, (SCIE / Q1) [IF: 6.1] : 02
2. Ceramics International (SCIE / Q1) [IF: 5.1] : 01
3. IEEE Transactions on Antennas and Propagation, (SCIE / Q1) [IF: 4.6] : 03
4. ACS Applied Nano Materials, (SCIE / Q2) [IF: 5.3]: 01
5. IEEE Antenna and Wireless Propagation Letter (SCIE / Q2) [IF: 3.7] : 02
6. IEEE Access, (SCIE / Q2) [IF: 3.4] : 03
7. IEEE Microwave and Wireless Components Letters, (SCIE / Q2) [IF: 2.9] : 01
8. Arabian Journal for Science and Engineering, (SCIE / Q2) [IF: 2.6] : 01
9. IETE Technical Review, (SCIE / Q2) [IF: 2.5] : 02
10. Wireless Personal Communications, (SCIE / Q3) [IF: 1.9] : 04
11. IET Communications, (SCIE / Q3) [IF: 1.5] : 01
12. International Journal of Microwave and Wireless Technologies, (SCIE / Q3) [IF: 1.4] : 03
13. IETE Journal of Research, (SCIE / Q3) [IF: 1.3] : 01
14. Journal of Electromagnetic Waves and Application, (SCIE / Q4) [IF: 1.2] : 01
15. IET Microwaves, Antennas & Propagation, (SCIE / Q4) [IF: 1.1] : 03
16. International Journal of Electronics, (SCIE / Q4) [IF: 1.1] : 01
17. Microwave and Optical Technology Letters, (SCIE / Q4) [IF: 1.0] : 05
18. Revue Roumaine des Sciences Techniques, (SCIE / Q4) [IF: 1.0] : 02
19. International Journal of RF and Microwave Computer-Aided Engineering (SCIE / Q4) [IF: 0.9] : 12
20. Journal of Circuits Systems and Computers, (SCIE / Q4) [IF:0.9] : 04
21. Frequenz, (SCIE / Q4) [IF: 0.8] : 01
22. Progress in Electromagnetic Letters, (SCIE / Q4) [IF: 0.7] : 03
23. Electromagnetics, Vol. 39, (SCIE / Q4) [IF: 0.6] : 01
24. Iranian Journal of Science and Technology, (SCIE / Q4) [IF: 0.1] : 01
25. Progress in Electromagnetic Research C (Scopus) : 02
26. International Journal of Microwave and Optical Technology (Scopus) : 02

***Indicating Current (2023) Citation Indexes (SCI / SCIE / Scopus), Journal Quartile (Q1 / Q2 / Q3 / Q4), Journal Impact Factor (IF) as per Web of Science and total number of publications done in that journal.*

WEB OF SCIENCE JOURNAL CITATION ANALYSIS:

Link: https://www.webofscience.com/wos/woscc/basic-search [Das, Sushrut]

1. Publications analyzed: 52 out of total 59 SCIE
2. Citing articles: 290##
3. Times cited: 325$$
4. Average per item: 6.25
5. Average citation / year: 27.08
6. H-Index: 11

270, without self-citation

$$ 293, without self-citation

Q1 / Q2 PUBLICATIONS:

1. S. Das and A. Chakraborty "A Novel Modeling Technique to Solve a Class of Rectangular Waveguide Based Circuits and Radiators," Progress in Electromagnetic Research, MIT, USA, Vol. 61, pp. 231-252, May 2006. (SCIE / Q1) [IF: 6.1]
2. S. Das, A. Chakraborty and A. Chakraborty "Characteristics of an Offset Longitudinal / Transverse Slot Coupled Crossed Waveguide Junction using Multiple Cavity Modeling Technique Considering the TE_{00} Mode at the Slot Aperture," Progress in Electromagnetic Research, MIT, USA, Vol. 67, pp. 297-316, January 2007. (SCIE / Q1) [IF: 6.1]
3. A. Chandra, S. Das, "Superstrate and CSRR Loaded Circularly Polarized Dual-band Open Ended Waveguide Antenna with Improved Radiation Characteristics and Polarization Reconfiguration Property" IEEE Transactions on Antennas and Propagation, Vol. 65, No. 10, pp. 5559 – 5564, October, 2017. (SCIE / Q1) [IF: 4.6]
4. R. Agarwal, R. L. Yadava, and S. Das, "A Multi-layered SIW based Circularly Polarized CRLH Leaky Wave Antenna" in IEEE Transactions on Antennas and Propagation, Vol. 69, Issue 10, pp. 6312 – 6321, October 2021. (SCIE / Q1) [IF: 4.6]
5. K. Ghosh, and S. Das, "CRLH-TL based Reconfigurable Antennas with Multiple Parameter Reconfigurability" IEEE Transactions on Antennas and Propagation. Vol. 70, Issue 7, pp. 5892 – 5896, July 2022. (SCIE / Q1) [IF: 4.6]
6. S. H. Siddiki, Sukanta Das, K. Verma, L. Dashairya, Sushrut Das, V. K. Thakur, G. C. Nayak, "Substituted nickel ferrite coated MWCNT/PVDF based epoxy nanocomposite for microwave absorption" Ceramics International, July 2022. (SCIE / Q1) [IF: 5.1]
7. A. Bage and S. Das, "Stopband Performance Improvement of CSRR Loaded Waveguide Band-pass Filters using Asymmetric Slot Structures," IEEE Microwave and Wireless Components Letters, Vol. 27 Issue: 8, pp. 697 – 699, August, 2017. (SCIE / Q2) [IF:2.9]
8. U. B. Pattapu, S. Das, "A Spurious Free 5.8 GHz Circular Patch Antenna for Rectenna Applications" IETE Technical Review, Vol. 36, No. 5, pp. 510-516, 2019. (SCIE / Q2) [IF:2.5]
9. S. Mishra, S. Das, S. S. Pattnaik, S. Kumar and B. K. Kanaujia, "Three Dimensional Dual-Band Dielectric Resonator Antenna for Wireless Communication," in IEEE Access, Vol. 8, pp. 71593-71604, April 2020. (SCIE / Q2) [IF: 3.4]
10. S. P. Biswal, S. K. Sharma, S. Das, "Collocated Microstrip Slot MIMO Antennas for Cellular Bands Along With 5G Phased Array Antenna for User Equipments (UEs)" in IEEE Access, Vol. 8, pp. 209138- 209152, Nov 2020. (SCIE / Q2) [IF: 3.4]
11. P. Kumari, and S. Das, "A MIMO Antenna System using Self-Decoupled EMSIW Dual-Beam Antenna Elements", IEEE Access. Vol. 10, pp. 1339-1345, December 2021. (SCIE / Q2) [IF: 3.4]
12. Salim Hassan Siddiki, Kartikey Verma, Bhaswati Chakraborty, Sushrut Das, Vijay Kumar Thakur, and Ganesh Chandra Nayak, "Defect Dipole-Induced HfO_2-Coated Ti_3C_2Tx MXene/Nickel Ferrite Nanocomposites for Enhanced Microwave Absorption", ACS Applied Nano Materials, Vol. 6, pp. 1839-1848, 2023. (SCIE / Q2) [IF: 5.3]
13. Ruchi Agarwal,Sushrut Das, R. L. Yadava, "Miniaturized Slow-Wave SIW-Based Circularly Polarized CRLH Leaky Wave Antenna Array Supporting Wide Angle Beam Scanning for Radar Applications" Arabian Journal for Science and Engineering, June 2023. (SCIE / Q2) [IF: 2.6]
14. Aditi Rani and Sushrut Das, "A High Isolation SIW Self-Octaplexing Antenna with Independent Frequency Tuning Capability" Accepted in IEEE Antennas and Wireless Propagation Letters, 23, 6, pp. 1954-1958, June 2024. (SCIE / Q2) [IF: 3.7]

15. Priya Kumari and Sushrut Das, “A Wideband Circularly Polarized SIW MIMO Antenna Based on Coupled QMSIW and EMSIW Resonators for Sub-6GHz 5G Applications” Accepted in IEEE Antennas and Wireless Propagation Letters. (SCIE / Q2) [IF: 3.7]
16. U. Pattapu, R. Mandaand, S. Das, “A Spurious free 2.45 GHz Array Antenna for Energy harvesting applications” IETE Technical Review, 41, 4, pp. 410-419, 2024. (SCIE / Q2) [IF:2.5]

PRODUCT DEVELOPED:

1. Different kind of planar filters (Wideband, Ultra-wideband, Multi-band).
2. Different kind of waveguide filters (Wideband, Multiband, reconfigurable).
3. Different kind of waveguide antennas (slot array and aperture antennas).
4. Different kind of rectennas for wireless power transfer and harvesting.
5. Short range far field wireless power transfer prototype.
6. Different kind of planar MIMO antennas.
7. Different SIW LWAs for frequency beam scanning applications.
8. Different SIW and planar single / multi-beam antennas for LTE band wireless communications.
9. Different SIW self-multiplexing Antennas.

COLLABORATIVE RESERCH WORK:

With Prof. Satish Kumar Sharma, Director, Antenna and Microwave Laboratory, San Diego State University, USA on the topic “Collocated Microstrip Slot MIMO Antennas for Cellular Bands Along With 5G Phased Array Antenna for User Equipments (UEs)”.
Related publication:
S. P. Biswal, S. K. Sharma, S. Das, “Collocated Microstrip Slot MIMO Antennas for Cellular Bands Along With 5G Phased Array Antenna for User Equipments (UEs)” in IEEE Access, vol. 8, pp. 209138-209152, Nov 2020.

REVIEWER:

Journal
1. IEEE Transactions on Microwave Theory and Techniques
2. IEEE Antennas and Wireless propagation Letters
3. IEEE Wireless Component Letters
4. IEEE Access
5. Electronics Letters
6. RF and Microwave Computer Aided Engineering
7. Progress in Electromagnetic Research
8. Journal of Electromagnetic Waves and Applications
9. International Journal of Microwave and Wireless Technologies
10. International Journal of Electronics
11. International Journal of Electronics and Communication
12. IETE Technical Review
13. Microwave and Optical Technology Letters

Sponsored Project:
1. Department of Science and Technology, Science and Engineering Research Board, India
2. National Research Foundation, South Africa
3. Medicap Universty, India

Books:
1. Oxford University Press
2. Tata Mc. Graw Hill.

Conference Papers:
1. Frontiers in Electronics, Communication, Instrumentation and Information Technology - 2008
2. International Conference on Computer and Communication Technology - 2010
3. International Conference on Devices and Communications – 2011
4. Frontiers in Electronics, Communication, and Information Technology – 2011
5. International Conference on Microwave and Photonics - 2013, 2015, 2018.
6. International Conferences on Computing, Communication and Automation – 2015
7. Recent Advances in Information Technology – 2016, 2018.
8. IEEE Mediterranean Microwave Symposium – 2018
9. IEEE International Microwave & RF Conference – 2018, 2019.
10. Indian Conference of Antennas & Propagation – 2019.
11. International Symposium on Antennas and Propagation – 2022, 2023.

EXTERNAL THESIS EXAMINER:

PhD Thesis:
1. Birla Institute of Technology, Mesra, Ranchi
2. West Bengal University of Technology (Maulana Abul Kalam Azad University of Technology)
3. National Institute of Technology (Warangal)
4. National Institute of Technology (Tiruchirappalli)
5. Indian Institute of Technology (Mumbai)

Master's Thesis
1. University of Pretoria, Southa Africa.

Undergraduate Thesis:
1. National Institute of Technology, Durgapur
2. Birla Institute of Technology, Mesra, Ranchi

OUTREACH & OTHER TECHNICAL ACTIVITIES :

1. Member, Organizing Committee and Treasurer, Frontiers in Electronics, Communication, Instrumentation and Information Technology (FECIIT – 2008) and Frontiers in Electronics, Communication and Information Technology (FECIT – 2011), Organized by Department of Electronics Engineering, Indian School of Mines, Dhanbad, Jharkhand, India.
2. Technical secretary of International Conference on Microwave and Photonics – 2013 Organized by Department of Electronics Engineering, Indian School of Mines, Dhanbad, Jharkhand, India.
3. Program Co-chair of International Conference on Microwave and Photonics – 2015 Organized by Department of Electronics Engineering, Indian School of Mines, Dhanbad, Jharkhand, India.
4. Publicity and Public Relation Chair of International Conference on Microwave and Photonics – 2018 Organized by Department of Electronics Engineering, ISM, Dhanbad, Jharkhand, India.
5. Conducted two short-term courses on "Microwave Instrumentation and Simulation Tools (MIST)" during June 30 – July 04, 2014, and "Modern Antenna Technology (MAT)-From Theory to Practice"

6. Advisory committee/Organizing/Program Committee member of (i) International Conference on Computer and Communication Technology-10 (ICCT–10), (ii) International Conference on Computer and Communication Technology - 11 (ICCT–11) organized by Department of Computer Science and Engineering, Motilal Nehru National Institute of Technology, Allahabad, Jharkhand, India and (iii) International Conference on Computing, Communication and Automation (ICCCA–2015) organized by Galgotias University, (iv) EEE International Conference on Communication, Computing and Signal Processing (IICCS -2024).
7. Chaired / Cochaired a session of the international conference on Recent Advances in Information Technology – 2011 (RAIT -2011), Internationa Conference on Microwave and Photonics – 2013., 2nd International conference on Foundations & frontiers in Computer, Communications & Electrical Engineering (2014).
8. Delivered guest lectures in different workshops / short-term courses organized by Galgotias college of Engineering, National Institute of Technology – Durgapur, National Institute of Technology – Hamirpur, Vellore Institute of Technology – Vellore, Sant Longowal Institute of Engineering & Technology – Punjab, and Indian Institute of Technology (ISM), Dhanbad.
9. External expert for selection of Project fellow in a DST, SERB sponsored project at National Institute of Technology, Durgapur.
10. BoCS Member of Electronics and Communication Engineering, Asansol Engineering College.

ACADEMIC PROFILE :

PhD: From **Indian Institute of Technology – Kharagpur** [2023 NIRF ranking in Engineering: 06] on the topic "**Analysis of Rectangular Waveguide Based Passive Devices and Antennas using Multiple Cavity Modelling Technique**" in the Year **2007.**

M.Tech From ***Burdwan University*** [2023 NIRF ranking in University: 86] in ***Microwaves*** in the year ***2003***. **(Ranked: First)**

M.Sc: From ***Banaras Hindu University*** [2023 NIRF ranking in University: 05] in ***Physics*** **(*Specialization: Electronics*)** in the year ***2001 .***

B.Sc: From **Belur Ramkrishna Mission Vidyamandira** [2023 NIRF ranking in College: 15] under ***Calcutta University*** [2023 NIRF ranking in University: 12] with ***Physics Honors*** in the year ***1999.***

(10+2)th From Chatra Nandalal Institution under ***West Bengal Council of Higher Secendory Education*** in **Science** in the year ***1996.***

10th: From Mahesh Sri Ramkrishna Ashram Vidyalaya under ***West Bengal Board of Secendory Education*** in the year ***1994.***

NATIONAL LEVEL SCHOLARSHIP EXAMINATION QUALIFIED:

1. Qualified ***Graduate Aptitude Test in Engineering*** in the year ***2001.***
2. Qualified ***National Eligibility Test*** in ***December,2001*** for ***Lecturership*** and in ***June,2002*** for ***C.S.I.R Junior Research Fellowship.***

WORK EXPERIENCE IN PROJECT DURING PHD :

1. Development of Software Packages for Waveguide Based Circuits. Sponsor: Indian Space Research Organization
2. Analysis of Waveguide Beamformer at C & Ku Band for Space Born Reconfigurable Beam Antenna. Sponsor: Indian Space Research Organization
3. Tripple Mode Quasi-Elliptic Ccavity Bandpass Filter for Multiplexer Aapplication. Sponsor: Indian Space Research Organization
4. Design and Development of Waveguide Slotted Array Antenna at Ku band. Sponsor: Reserach Center Imarat, Hyderabad.

SHORT COURSES / TRAINING PROGRAM ATTENDED:

1. Short course on RF and Communication, ***Durgapur, India,*** March 2004.
2. *Asia Pacific Microwave Conference Short Course,* ***New Delhi, India****,* December 2004.
3. *Short Course on Numerical Techniques,* ***SAC Ahmedabad, India,*** February 2005
4. *Antenna Measurement Technology Association (AMTA) short course,* ***Hong Kong****,* June 2005.
5. Short Course on Electromagnetic Modeling of Composite Metallic and Dielectric Structures, ***Indian Institute of Technology Kharagpur, India,*** July, 2005.
6. DST Training Program on Incubation and Startup, ***ICAA, Manesar, India,*** February, 2017.
7. Nurturing Future Leadership Program under the aegis of "Malaviya Mission Teachers Training Program", ***Indian Institute of Management, Vishakhapatnam, India****,* March, 2024.

PERSONAL PROFILE :

***Date of Birth*:** 22-11-1978.
***Languages known*:** Bengali , English , Hindi .
***Nationality*:** Indian .
***Category* :** General .
***Marital status*:** Married .
***Permanent Addresss*:** Flat No. 9B, Tower – 6, Alcove New Kolkata – Prayag, Mahesh, Serampore, Hooghly, West Bengal, Pin-712202.
***Contact Address*:** Deparment of Electronics Engineering, Indian Institute of Technology (Indian School Mines), Dhanbad – 826004, Jharkhand, India.
***Phone*:** *Res*: +91-326 - 2235596, *Off*: +91 –326 – 2235496, *Mob:* +91 – 9430374392
***E- Mail Address* :** sushrut@iitism.ac.in **/** sushrut_das@yahoo.com.

FOR REFERENCE :

1. **Prof. Ajay Chakraborty**
   Retd. Professor, Department of Electronics and Electrical Communication Engineering, Indian Institute of Technology Kharagpur.
2. **Prof. B. N. Biswas**
   Retd. Professor of Department of Physics, Burdwan university, and present, Chairman, Education division, Supreme Knowledge Foundation Group of Institutions.
3. **Prof. D. R. Poddar**
   Emeritus professor, (Ex. Retd. Professor of Jadavpur University)

(Dr. Sushrut Das)