

CURRICULUM VITAE

VINAYAK MAJHI

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Area of Interest

Computational Biology, Neurodynamics, Neurophysiology, Soft Computing, Software Development, Automation.

Educational Qualification

Degree	Year of Passing	Subject	University	Grade / Marks
PhD Course Work	2018	Biomedical Engineering	North-Eastern Hill University	5.48 (6)
M.Tech	2013	Computer Science & Engineering	University of Calcutta	67.5 (100)
B.Tech	2011	Computer Science & Engineering	West Bengal University Technology	7.27 (10)

Examination	Year of Passing	Board	Institution Name	Percentage of Marks
Higher Secondary	2007	W.B.C.H.S.E	Jaynagar Institution	74.6 (100)
Secondary	2005	W.B.S.E	Jaynagar Institution	75 (100)

Training and Project

- Completed one month vocational training in **Oracle PL/SQL** at **Ardent Collaboration, Saltlake, Kolkata** during June-July 2009.
- Completed one month vocational training in **J2EE** and project on **“On line Human Resource Management”** named **“E-HR Manager”** at **Ardent Collaboration, Saltlake, Kolkata** during June-July 2010.

Subject of Interest

- **Subject:** Database Management System, Analog & Digital Electronics, Data Structure, Computer Organization & Architecture, Biomedical Instrumentation.
- **Technical Skill:**

Language	C, C#, JAVA, WPF, HTML, CSS, Java Script
Framework	.NET, J2EE, Bootstrap
Database	Oracle, MySQL, MSSQL, MS Access
Development Tools	Visual Studio, Netbeans, Adobe Dreamweaver
Web Server	IIS, Apache Tomcat
Reporting	Crystal Report
Hardware Communication	Biometric Time Attendance Device Communication and Control
Micro Controller Programming	Arduino for Atmega328p
Others	Avid Liquid, Adobe Photoshop, Adobe Premier Pro, Adobe After Effect, MS Office

Projects

- **Comparison of Available Technique for Removing Skew in Network Multimedia Communication. (B.Tech)**
- **Design and Development of Speech Interactive Library. (M.Tech).**

Professional Membership

- Student member of The International Society for Neurochemistry, India (ID No. 23936)
- Student member of Asia Pacific Society for Neurochemistry. (ID No. 17-3-IND-S30)

Employment Teaching and Research

- Research fellow in the Department of Biomedical Engineering, North- Eastern Hill University, Shillong, Meghalaya (August, 2017 to Present)
- Guest Faculty of MSC Computer Science Department in Swami Vivekananda Institute of Management and Computer Science(March, 2017 to June, 2017)
- Centre In-charge and COPA Instructor of Mandirbazar Govt. ITI, PPP with Orion Edutech Pvt. Ltd. (July 2016 to December 2016)
- Founder of **Blugrape Software Services**, South 24 Parganas (MSME Registered Software Development Organization)
- Software Developer in the association with Anglo Swiss Watch Co. (August 2013 to March 2017)

Industrial Working Experience

- Attendance Monitoring Software of **Hindustan Aeronautics Limited Barrackpore** for Anglo-Swiss Watch Co.
- 100 Users Capacity Biometric Door Lock System of **National Jute Manufactures Corporation Ltd.** for Anglo-Swiss Watch Co.
- MIS Software for Multi User Attendance Report of **SAIL Meghahatuburu** for Anglo-Swiss Watch Co.
- Attendance Data Download Upgradation and Device Management Software (for Unlimited Employee Count) of **Heritage Institute of Technology** for Anglo-Swiss Watch Co.
- Attendance Management Software for **Palsons Derma Pvt. Ltd** for Anglo-Swiss Watch Co.
- Online LOR Management System for **Kolkata Police Lalbazar Election Cell.**(2016)
- Automatic Mail Alert for Addition, Alteration, Deletion in Attendance Database of **Texmaco Rail and Engineering Limited for Anglo-Swiss Watch Co.**
- EEPC India Windows App Development of **Engineering Export Promotion Council (EEPC) of India** for MettleTech, Kolkata.

Award and Achievements

Name of awards	Title	Award Authority	Year
GATE	All India Examination	Indian Institute of Technology	2011
IBRO Best Logo Contest Award	10 TH IBRO WORLD CONGRESS, Korea	IBRO	2018

List of Presentation

Title	Authors	Event	Type of presentation	Year
Development of Artificial Neural Network to Early Detection of Cognitive Disorders	Sudip Paul, Pallab Bhattacharya, Angana Saikia, Vinay Kumar Pandey, Vinayak Majhi	15th Meeting of the Asian-Pacific Society for Neurochemistry	Oral	2018
Clinical Intervention of Cerebral Palsy	Vinay Kumar Pandey, Angana Saikia, Vinayak Majhi , Sudip Paul	IBRO-APRC School on Cognitive Neuroscience - The 5th Bangalore Cognition Workshop	Poster	2018

Procedure and Protocol to Predict Dysarthria in Early Stage	Vinay Kumar Pandey, Vinayak Majhi , Sudip Paul	International Brain Research organization School (IBRO) on "Neural plasticity in health and diseases (Communicated)	Poster	2018
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List of Publication

Title of the article	Authors	Journal (journal name, volume, issue, page)	Year
Sub-Threshold; A Design Technique for Ultra Low Power Application	Vinay Kumar Pandey, Divakar Tamang, Vinayak Majhi , Sudip Paul	The Fourth National Conference on Emerging Trends and Applications in Computer Science (under review)	2018
Co-Occurrence of Oral Motor Disability Along With Other Disorders; A Review and Prospective	Vinay Kumar Pandey, Angana Saikia, Vinayak Majhi , Sudip Paul	1st International Conference on Biomedical Engineering Science and Technology: Roadway from Laboratory to Market (ICBEST 2018) (Communicated)	2018
YOGA Exercises A New Paradigms for Human Wellbeing and Regenerative Medicine	Vinay Kumar Pandey, Vinayak Majhi , Sudip Paul	Eastern Panorama Volume XXVI No 3 Issue June 2018 Page 58-60	2018
Perdition, diagnosis and intervention in speech language disorder: A systematic and methodological review	Vinay Kumar Pandey, Angana Saikia, Vinayak Majhi , Sudip Paul,	ICBEST, NIT Raipur, 2018. (Communicated)	2018

Book Chapter

Angana Saikia, **Vinayak Majhi**, Masaraf Hussain, Sudip Paul. Tremor identification using machine learning in Parkinson's disease, IGI Global. (Submitted, 2018).

Extra Curricular Activities

- Microcontroller Based Automatic Control Circuit Designing.
- Working as **Video Editor Sound Designer** in some **Documentaries**.

Language Proficiency

- Bengali(read, write, speak), Hindi(speak), English(read, write, speak)

Personal Details

Name : Vinayak Majhi
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Referees

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I hereby declare that the information furnished above is true to the best of my knowledge.

VINAYAK MAJHI