

**FACULTY MEMBERS' ACADEMIC PROFILE**

1. **Name of the Faculty member:** NIRMALENDU HUI
2. **Designation:** Assistant Professor in Physics (W.B.E.S.)
3. **Qualification:** M.Sc. (Burdwan University),  
M.A. (Education, KU), B.Ed. (KU)
4. **Specialization:** Electronics and Radio Physics
5. **E-mail address:** nirmal\_hui@yahoo.com
6. **Date of Joining in W.B.E.S.:** 26.08.2010
7. **Date of Joining in this College:** 13.03.2015
8. **Total Teaching experience in College level:** 9+ years
9. **Research interests:** Chaos, Nonlinear dynamics
10. **Title of thesis (Ph.D.) with year:** N.A. Pursuing Ph.D. from Burdwan University
11. **Research guidance:** Nil
12. **Research Projects (Completed): 01**



Year	Name of PI	Title of Project	Amount (in Rs.)	Duration	Funding Agency with date
2013 - 2015	Nirmalendu Hui	Formulation and analysis of theoretical models relating therapeutic application of electromagnetic fields	1,57,000/-	2 years	UGC Ref. No.: F. PSW-69/12-13 (ERO), dated 18.02.2013

**13. List of publications:****A) Published papers in Journals:**

1. "Ballistic transport through electric field modulated graphene periodic magnetic barriers", R. Biswas, A. Biswas, **N. Hui** and C. Sinha, *J. Appl. Phys.*, **2010**, 108(4), 043708/1-7 [ISSN 0021-8979; IF: 2.068].
2. "Studies on the suppression of Immune cells in a model of Psoriasis pathogenesis", **N. Hui** and B. Chattopadhyay, *Acad. J. Aureole*, **2011**, 3(1), 1-12 [ISSN 0976-9625].
3. "Immunopathogenesis in Psoriasis through a density type mathematical model", B. Chattopadhyay and **N. Hui**, *Transactions on Mathematics (WSEAS)*, **2012**, 11 (5), 440-450 [ISSN 1109-2769].
4. "Studies on bone-marrow formation within a theoretical model", **N. Hui** and B. Chattopadhyay, *IOSR Journal of Pharmacy and Biological Sciences*, **2014**, 9 (4), 7-20 [ISSN 2319-7676].
5. "Amplitude death in intrinsic time-delayed chaotic oscillators with direct-indirect coupling: the existence of death islands", D. Biswas, **N. Hui** and T. Banerjee, *Nonlinear Dynamics*, June **2017**, 88 (4), 2783-2795 [ISSN 0924-090X; IF: 3.464].

**B) Chapter in Book:**

1. “Manabunnayan o Vivekananda: Arthasamajik sthitishilatar drishtibhangi” (in Bengali), **N. Hui**, In ‘*Bishay Bibekananda*’, Ed. Amaresh Mandal, Bangiya Sahitya Sansad, March-April, **2014**, 136-143 [ISBN 978-93-83590-35-3].

**14. Membership of Learned Societies/ Editorial Boards, etc.:** Nil

**15. Patents:** Nil

**16. Awards:** Nil

**17. Other notable activities:**

1. Participated as a **Judge** in **District level Student Youth Science Fair and District level Students’ Science Seminar, 2013**, organized under the aegis of Department of Youth Services, Govt. of West Bengal, West Bengal State Council of Science & Technology, Govt. of West Bengal and Birla Industrial & Technological Museum and held at Coochbehar Polytechnic College, Coochbehar on **30<sup>th</sup> August, 2013**.
2. Participated as a **Judge** in **District level Science Fair and Seminar, 2014**, organized by Directorate of Youth Services, Youth Services Department, Govt. of West Bengal and held at A.B.N. Seal College Coochbehar from **1<sup>st</sup> - 2<sup>nd</sup> September, 2014**.
3. Participated as **Resource Person** in **District level Science Camp**, organized by Vidyanagar G.D. Vidyamandir, Vidyanagar, Bardhaman, in collaboration with the Department of Science & Technology, Govt. of West Bengal from **5- 7<sup>th</sup> February, 2015**.
4. Participated as a **Judge** in **District level Exhibition and Project Competition** under **DST-INSPIRE Award Scheme, 2015**, organized by Krishnagar A.V. High School, Krishnagar, Nadia on **12<sup>th</sup> August, 2015**.
5. Participated as **Resource Person** in **District level Science Fair**, organized by Vidyanagar G.D. Vidyamandir, Vidyanagar, Bardhaman, in collaboration with the Department of Science & Technology, Govt. of West Bengal from **20-22<sup>nd</sup> January, 2016**.

**18. A) Participation in Seminars/Symposia/Conferences/Workshops:**

1. Participated in UGC sponsored **National Seminar** on ‘*Performance of Third Generation Panchayats in North Bengal*’, organized by Department of Political Science, A.B.N. Seal College, Coochbehar on **4<sup>th</sup> - 5<sup>th</sup> December, 2010**.
2. Participated in UGC sponsored **National Seminar** on ‘*Ethnicity, Regionalism, Polity and Economy of Easter India since Independence*’ organized by Department of History, A.B.N. Seal College, Coochbehar in collaboration with Department of History, NBU, Siliguri on **20<sup>th</sup>-21<sup>st</sup> December, 2010**.
3. Participated in UGC sponsored **National Seminar** on ‘*A Journey through Recent Developments in Chemistry*’ organized by Department of Chemistry, A.B.N. Seal College, Coochbehar on **1<sup>st</sup> -2<sup>nd</sup> March, 2012**.
4. **Presented a paper** entitled “*Immunopathogenesis in Psoriasis from a theoretical model*” in UGC sponsored **National Seminar** on ‘*Recent Advances in Life Science Application*’ organized by Department of Zoology, A.B.N Seal College in collaboration with Department of Agricultural Entomology, UBKV, Pundibari, Cooch Behar on **8-9<sup>th</sup> December, 2012**.
5. **Presented a paper** entitled “Manabunnayan o Vivekananda: Arthasamajik sthitishilatar drishtibhangi (in Bengali)” in UGC sponsored **National Seminar** on ‘*Relevance of Swami Vivekananda in Present Social and Economic Scenario*’ organized by Department of Economics and Commerce Coochbehar College in collaboration with Ramkrishna Math, Coochbehar on **1<sup>st</sup> -2<sup>nd</sup> April, 2013**.
6. Participated in Govt. of West Bengal sponsored **State level Seminar** on ‘*Rajyastariya alochana chakra - Ashutosh Mukhopadhyay*’ organized by A.B.N Seal College, Cooch Behar on **14<sup>th</sup> December, 2013**.

7. Participated in Higher Education Directorate, Govt. of West Bengal sponsored **State level Professor Satya Sundar Barman Memorial Lecture 2016** on '*Scientific Development and Technological Innovation of the 21<sup>st</sup> Century - Paving Peace or Annihilation*', organized by Krishnagar Government College, Krishnagar, Nadia, in collaboration with ABSGCTA, on **10<sup>th</sup> December, 2016**.
8. Participated in **One-day Regional Level Seminar-2017** on '*Degenerative Diseases of Brain and Folk Music as a Healer*', organized by Krishnagar Govt. College on **16<sup>th</sup> September, 2017**.

**B) Participation in OP/RC:**

1. Participated in UGC sponsored 93<sup>rd</sup> **Orientation Programme**, organized by UGC-Academic Staff College, University of Burdwan, from **4<sup>th</sup> to 31<sup>st</sup> January, 2014**.
2. Participated in UGC sponsored 2<sup>nd</sup> **Refresher Course** in '*Biological Science*', organized by UGC-Academic Staff College, University of Burdwan, from **23<sup>rd</sup> September to 13<sup>th</sup> October, 2015**.