

CURRICULUM VITAE

- **Name** : Biswajit Mitra
- **Designation** : Assistant Professor
- **Mailing address** : Department of Mathematics, The University of Burdwan, Golapbag, Burdwan 713104
- **E-mail address** : b1mitra@gmail.com, bmitra@math.buruniv.ac.in
- **Highest qualifications** : Ph.D
- **NET qualifying year** : 2001
- **Fellowship received** : CSIR-NET JRF Fellowship, Post doctoral Fellowship from University of KwaZulu Natal, Durban, South Africa
- **Publications** (Details are given in *Annexure-I*)
 - (i) **Research Papers** : Published + Accepted - 04 + 00
 - (ii) **Proceedings Publications** : 01
 - (iii) **Books** : 01
- **Research Project** : (Details are given in *Annexure-II*)
Completed + Ongoing – 01+00
- **Field of Specialisation** : Topology
- **Topic of Doctoral Dissertation** : Pseudocompact spaces and Realcompact spaces-their generalizations and interrelations
- **Field of Research interest** : General Topology, Rings of Continuous Functions
- **Research Experiences** : Two years post doctoral fellow from University of KwaZulu Natal, Durban, South Africa
- **Teaching Experience** :

Institution/Organisation	Designation	Duration
Vivekananda Mahavidyalaya, Burdwan	Assistant Professor	18.11.2006 - 18.02.2015
Ramakrishna Mission Vivekananda Cenetry College, Rahara	Assistant Professor	19.02.2015 - 31.08..2015
Vivekananda Mahavidyalaya, Burdwan	Assistant Professor	01.09.2015 - 07.09.2015
The University of Burdwan	Assistant Professor	08.09.2015 -

The details of the following are given in *Annexure-III*.

- **Invited lectures or presentations for conferences/ symposia/Workshops**
 - (a) **National Level : 01**
- **Participation and Presentation of research papers in Conferences**
 - (a) **International Conference : 08**
 - (b) **National Conference : 08**
- ❖ **Training Courses : Refresher Course: 01 Orientation Programme: 02**
Research Methodology Course: 01
- ❖ **Workshop Participation : 03**
- ❖ **Symposium/Conference Participation & Organisation : 03**
- **Additional Information : (Details are given in *Annexure-V*)**

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Date : 18.10.2016

Signature



Annexure I

Publications (Papers)

International:

1. $C(X)$ can sometimes determine X without X being realcompact (jointly with Melvin Henriksen), Comment Math University Carolinae, 46,4 (2005) 711 - 720.
2. Maps and f -normal spaces (With John J Schommer), Topology and its Applications 153 (2006), 2735 - 2744.
3. Characterizations of Nearly pseudocompact spaces and related spaces (With S.K.Acharyya), Topology proceedings, vol 29, no.2, 2005, 577-594.
4. Hard pseudocompact spaces (jointly with Dr. P.P.Ghosh)- Quaestiones Mathematicae 35(2012), 1-17 .

National:

1. "On role of maximal ideals in $C(X)$ ", Conference Proceedings published from Dept of Mathematics, Ramkrishna Mission Vidyamandira, Belur Math, Howrah, West Bengal, India.

Publications (Books)

1. A journey through nearly realcompact and nearly pseudocompact spaces, LAP Lambert Academic Publishing, ISBN No. 978-3-659-78936-6

Annexure II

Completed:

UGC sponsored Minor Research Project (no. PSW-033/13-14), sanctioned amount: Rs. 280000.00 for the period two years. Date of acceptance of the project: 15.05.2014.

Annexure III

Invited Talk(As Resource Person)

Delivered a lecture "On role of Maximal ideal in $C(X)$ " at the National Seminar, 2009, held by Ramkrishna Mission Vidyamandira, Belur Math, Howrah, West Bengal, India.

Seminar Presentation (Outside India):

1. Delivered a lecture on $C(X)$ can sometimes determine X , without X being realcompact in the 20th Summer Conference on Topology and its Applications during July 10-13, 2005 at the Department of Mathematics, Denison University, Granville, Ohio 43023, USA .
2. Delivered a lecture on "Hard Pseudocompact spaces" at the Department of Computer Science, University of Birmingham, UK in the year 2009.
3. Delivered a lecture on "Ideal Space" at the conference held during the retirement of Prof Jamshed Moorie, at Petermeritzburg Campus, UKZN, South Africa.
4. Delivered an invited talk on " Nearly realcompact spaces-an algebraic description" at the Department of Mathematics, Petermeritzburg Campus, UKZN, Durban, South Africa.
5. Delivered a lecture on " Characterization of function rings in $C(X)$ " at UKZN Math congress, held at the Dept. of Mathematical Science, UKZN, Durban, South Africa.
6. Delivered a lecture on "Characterization of C-type subrings of $C(X)$ " at South African Mathematical Society (SAMS) conference, held at the Department of Mathematical Science , University of Kwa Zulu Natal, Durban, South Africa.
7. Delivered a lecture on Characterization of Nearly pseudocompactness - Some associated results, in the 19th Summer' Conference on Topology and its Applications during July 5-9, 2004 at the Department of Mathematics and Applied Mathematics, University of Cape Town, South Africa.
8. Delivered a lecture on Role of Maximal Ideal in determining X at UKZN math congress held Department of Mathematics, University of Zulu Land, South Africa.

Seminar Presentation (within India):

1. Delivered a lecture on Function on Bounded Variation in Professor N.C.Majumdar Memorial Lecture organized by the Department of Pure Mathematics on 5th September, 2000 at the Department of Mathematics, University of Calcutta, India
2. Presented a paper entitled "A Characterization of Pseudo-compactness" in the National Seminar on recent trends in Mathematics and its Applications, during April 28-29, 2003 at the Department of Mathematics, Tripura University, Tripura, India.
3. Presented a paper on Nearly real compact spaces and F-normal spaces in the National Seminar on Mathematics and its Application (NSMA-2004) held at the Department of Mathematics, University of Burdwan, Burdwan, India during December 21 - 23, 2004.
4. Presented a paper on $C(X)$ can sometimes determine X , without X being realcompact in the National Seminar on Recent developments in Pure Mathematics, organized by the Department of Pure Mathematics, University of Calcutta, held on March 29-30, 2005.
5. Presented a paper on Nearly real compact spaces - an effort from algebraic point of view in the National seminar on Algebra and Discrete Mathematics, organized by the Department of Mathematics, University of Kerala from 12-01-2005 to 14-01-2005.
6. Presented a paper on Maps and Nearly Realcompact spaces at The National Conference on Mathematical Analysis and Applications, held at the Department of Mathematics, Jadavpur University, on 2nd March, 2005.

7. Presented a paper on " an example of a normal space X for which $X \cup (\beta X - \cup X)$ is not normal" at National Symposium on Topology and Functional Analysis and their Application, held at department of Pure Mathematics, Calcutta University, on 29-30 March, 2006

8. Presented a paper on "Which subrings of $C(X)$ are $C(Z)$ for some space Z ?" at National Seminar on Recent Advances in Mathematics and its Applications, held at department of Pure Mathematics, Calcutta University, on February 24-25, 2016

Annexure IV

Awards/Fellowship

1. NBHM Travel grant to visit University of Ohio, USA - 2005
2. UKZN travel grant to visit UNiversity of Birmingham, UK - 2009

Convener/Course Cordinator:

1. **Convener(Jt)** of Teacher's Enrichment Workshop (TEW) conducted by TIMC and the University of Burdwan, at the Department of Mathematics, The University of Burdwan, Burdwan during January 13-19,2016.
2. **Convener(Jt)** of one day State-Level seminar on Lives and Works of Srinivasa Ramanujan Iyengar on 22nd December, 2015 at the Department of Mathematics, The University of Burdwan.
3. **Convener** of Teacher's Enrichment Workshop (TEW) conducted by National Center of Mathematics(NCM), at Vivekananda Mahavidyalaya, Burdwan during December 27-31,2013.

Appointment

1. Appointed as Director nominated member of Swami Vivekananda Research Center, RKM Vidyamandira, Belur