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List of Research Papers in National/International Journal

1. Chemical induced regulation of detached leaf senescence of a few ecologically diversified plants; **C. K. Pati** and A. Bhattacharjee, *Environment and Ecology*, **2003**, 21(3): 607-611.
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6. Herbal regulation of plant growth and metabolism of two minor pulse crops ;V.K. Mishra, **C. K. Pati** and A. Bhattacharjee, *Agricultural Science Digest*, 2004, 24(4):295-297.
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15. Chemical manipulation of seed invigouration and plant potentiation of two promising pulse crops under stressful storage condition; **C. K. Pati** and A. Bhattacharjee, *Indian Journal of Biological Sciences*, 2011, 17: 15-22.

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26. Retention of seed vigour and enhancement of plant potential of a safflower species by chemical manipulation; **C. K. Pati** and A. Bhattacharjee, *Research Journal of Agriculture and Environmental Management*, **2015**, 4(6):274-277.

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2. **C. K. Pati** and A. Bhattacharjee; Enhancement of Seed Potential Using Selected Medicinal Plant Extracts During Storage, *In Eco-Conservation and Sustainable Living*, C. Gurung and J. B. Bhandari Edited, Narosa Publishing House Pvt. Ltd., New Delhi, INDIA, **2013**, pp.221-230, (ISBN: 978-81-8487-216-3).

Seminars/Conferences Proceeding Abstracts

A. In Proceedings:

1. Enhancement of storage longevity of safflower seeds by some plant extracts under adverse storage environment; S. K. Das, **C. K. Pati**, A. Bhattacharjee and P. K. Saha, *Proceedings of the National Conference on Recent Environmental Challenges-its Impact on Health, Agriculture and Ecosystem*, S.C. Santra ed., University of Kalyani, India, **2003**, pp. 30-35.
2. Problems and prospects of grass pea (*Lathyrus sativus*) cultivation in India; **C. K. Pati** and A. Bhattacharjee, *Proceedings of the State Level Seminar on Impact of Civilization on Environment*, Jhargram Raj College, Jhargram, West Bengal, India, **2004**, pp. 173-174.
3. Na-dikegulac, a novel chemical for enhancement of seed storage potential and seedling health of two pulse crops; A. Bhattacharjee, **C. K. Pati**, U. K. Kanp, R. K. Das and D. Chakrabarti, *Proceedings of the The BCPC International Congress*, Crop Science and Technology **2005**, Glasgow, Scotland, UK, Vol. 1:223-228.
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5. Effect of sodium dikegulac and ascorbic acid on maintenance of storage potential of black gram and grass pea seeds under stressful storage environment; **C. K. Pati**, V. K. Mishra and A. Bhattacharjee, *National Workshop on Seed Sector Perspective for Jute and Allied Fibre Crops*, Central Research Institute for Jute and Allied Fibres (ICAR), Barrackpore, West Bengal India, September 23-24, **2003**, p. 25.
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7. Role of AM fungi in reclamation of anthropogenic degraded site; **C. K. Pati** and S. Nath, *National Seminar on Rehabilitation of Lands under Anthropogenic Stress and Degradation*, Institute of Forest Productivity (Indian Council of Forest Research & Education, ICFRE), Ranchi, Jharkhand, January 20, **2004**, pp.24-25.
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57. Seed potentiation of a pulse crop green gram by herbal manipulation under storage ; **C. K. Pati** and A. Bhattacharjee, *West Bengal State Council of Science & Technology Sponsored Seminar on Modern Trend of Research in Micropropagation for Socio-Economic Development in Human Welfare*. Department of Botany, Bankura Christian College, Bankura, West Bengal, India, October 14, **2015**, p.7.
58. Cultivation of chayote (*Sechium edule* Sw.) in plain lands of West Bengal using selected phytohormones; T. K. Dolui, **C. K. Pati** and A. Bhattacharjee, *UGC DRS SAP & DST Sponsored National Seminar on Medicinal Plants* (NSMP-2016). Department of Botany & Forestry, Vidyasagar University, West Bengal, India, February 16-17, **2016**, p.69.
59. Herbal manipulation of seed potentiation of a pea cultivar under storage.; **C. K. Pati** and A. Bhattacharjee, *UGC DRS SAP & DST Sponsored National Seminar on Medicinal Plants* (NSMP-2016). Department of Botany & Forestry, Vidyasagar University, West Bengal, India, February 16-17, **2016**, pp.69-70.

National/International Seminar/Conferences/Workshops Attended

1. UGC Sponsored State level Seminar on sustainable Life-style with reference to Environment, Organized by Garhbeta College, Midnapur, West Bengal, India, February 17, **2003**.
2. UGC Sponsored Seminar on Bioprospecting in Eastern India: Exploring potentialities, Organized by Raja N. L. Khan Women's College, Midnapur-721102, West Bengal, India, March 21, **2003**.
3. UGC Sponsored State level Workshop on Experimental Physics at U.G. Level, Organized by Garhbeta College, Midnapur, West Bengal, India, September 28-29, **2003**.
4. ICAR Sponsored National Workshop on Seed Sector Perspective on Jute & Allied Fibre Crops-cum-Seed Day 2003, Organized by Central Research Institute for Jute and Allied Fibres (ICAR), Barrackpore, West Bengal, India, September 23-24, **2003**.
5. UGC Sponsored National Seminar on Recent Advances in Plant Sciences, Organized by Department of Botany & Forestry, Vidyasagar University, India, March 30-31, **2004**.
6. UGC Sponsored National Seminar on Biodiversity Management-Looking for an Alternative, Organized by Raja N.L. Khan Women's College, Midnapur, West Bengal, India, February 19-20, **2005**.

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7. UGC Sponsored National Conference-cum-Workshop on Scientific Growing, Socio-economic Value and Proper Utilization of Medicinal and Aromatic Plants for the Welfare of the Rural People, Organized by Department of Botany, B.N. Mahavidyalaya, Hooghly, West Bengal, India, February 25-27, **2005**.
8. Vidyasagar University Sponsored Workshop on The revised UG Syllabi of Botany (Hons. & Gen.) for 3-Tier Examination Pattern, Organized by Garhbeta College, Midnapur, West Bengal, India, January 01, **2006**.
9. UGC Sponsored State level Seminar on Professionalisation of Commerce Education in the Context of Squeezing Enrolment of Students in West Bengal, Organized by Garhbeta College, Midnapur, West Bengal, India, April 10, **2007**.
10. WBCUTA Sponsored Seminar on the National Knowledge Commission-Emerging Contentions on the Relam of Higher Education, Organized by Pingla Thana Mahavidyala, Midnapur, West Bengal, India, December 29, **2007**.
11. UGC Sponsored National Seminar on Plants, Microbes and Forestry Research for Sustainable Development, Organized by Department of Botany & Forestry, Vidyasagar University, India, March 28-29, **2008**.
12. UGC Sponsored State level Seminar on Fundamentals and Frontiers in Physics, Organized by Garhbeta College, Midnapur, West Bengal, India, September 22, **2008**.
13. UGC Sponsored Golden Jubilee Symposium on Contemporary Trends in Plant and Microbial Sciences, UGC Centre for Advanced Study, Organized by Department of Botany, The University of Burdwan, West Bengal, India, March 19-20, **2010**.
14. UGC Sponsored National Seminar on plant Diversity: Aspects and Prospects, Organized by Department of Botany & Forestry, Vidyasagar University, India, March 09-10, **2011**.
15. UGC Sponsored Two Day National Seminar on The Srimadbhagbad-Gita and Modern Society. Organized by Saldiha College, Bankura, West Bengal, India, March 15-16, **2011**.
16. UGC Sponsored National Seminar on Modern Ethnobotany: Its Concepts and Relevances, Organized by Garhbeta College, Midnapur, West Bengal, India, November 08-09, **2011**.
17. UGC Sponsored One day State Level Seminar on Green Medicine; Its Concepts and Relevance to Modern Medicine, Organized by Chandrakona Vidyasagar Mahavidyalaya, Midnapur, West Bengal, India, February 09, **2012**.
18. UGC Sponsored Two Day National Level Seminar on Modern Trends in Research on Medicinal Plants and Phytochemicals, Organized by Egra Sarada-Sashi Bhusan College, Midnapur, West Bengal, India, March 14-15, **2012**.

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19. UGC Sponsored National Seminar on Biodiversity Conservation and Sustainable Development, Organized by Department of Botany & Forestry, Vidyasagar University, India, August 02, **2012**.
20. UGC Sponsored Two Day National Seminar on Oscillating Historicity of Jungle-Mahal: A query with regard to its legacy, Organized by Saldiha College, Bankura, West Bengal, India, October 04-05, **2012**.
21. Department of Science & Technology, Govt. of West Bengal Sponsored 21st West Bengal State Science and Technology Congress-2014, Organized by The University of Burdwan, West Bengal, India, February 20-21, **2014**.
22. *UGC Sponsored National Level Seminar on Global Environmental Changes: Issues and Challenges*, Egra Sarada-Sashi Bhusan College, West Bengal, India, February 25-26, **2015**.
23. *UGC Sponsored State Level Seminar on New Generation Biologically Active Natural Products & Their Importance*, Egra Sarada-Sashi Bhusan College, West Bengal, India, March 09, **2015**.
24. *UGC Sponsored National Seminar on "Human Rights: Challenges and Responsibilities"*, Organized by Saldiha College, Bankura, West Bengal, India, October 08-09, **2015**.
25. *West Bengal State Council of Science & Technology Sponsored Seminar on Modern Trend of Research in Micropropagation for Socio-Economic Development in Human Welfare*, Department of Botany, Bankura Christian College, Bankura, West Bengal, India, October 14, **2015**.

Research Projects

International & National links for Teaching & Research

Acted as reviewer in many national and international scholarly, peer-reviewed journals:

1. International Journal of Agricultural Sciences, ISSN: 2167-0447, www.internationalscholarsjournals.org.
2. Agricultural Science Research Journal, ISSN: 2026-6073, <http://www.resjournals.com/arj>.
3. International Journal of Medicinal Plant Research, ISSN: 2169-303X, www.internationalscholarsjournals.org.
4. African Journal of Biotechnology, ISSN: 1684-5315, www.academicjournals.org/ajb.
5. African Journal of Agricultural Research, ISSN: 1991-637X, <http://www.academicjournals.org>.

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6. Herald Journal of Agriculture and Food Science Research, ISSN: 2350 -2183, <http://www.heraldjournals.org/hjafsr>.
7. World Journal of Agricultural Sciences, ISSN: 1817-3047, <http://www.wsrjournals.org/journal/wjas>.
8. American Journal of Experimental Agriculture, ISSN: 2231-0606, <http://www.sciencedomain.org>.
9. Journal of Plant Growth Regulation, ISSN: 1435-8107, <http://www.springerlink.com>.
10. International Journal of Plant & Soil Science, ISSN: 2320-7035, www.sciencedomain.org.
11. International Journal of Agricultural Policy and Research, ISSN: 2350-1561, <http://www.journalissues.org/journals-home.php?id=1>.
12. Topclass Journal of Agricultural Research, <http://www.topclassglobaljournals.org>.
13. Journal of Microbiology Research and Reviews, ISSN: 2350-1510, www.resjournals.org/JMR.
14. British Journal of Applied Science & Technology, ISSN: 2231-0843, <http://www.sciencedomain.org>.
15. Journal of Scientific Research and Reports, ISSN: 2320-0227, <http://www.sciencedomain.org>.
16. Annual Research & Review in Biology, ISSN: 2347-565X, <http://www.sciencedomain.org/page.php>.
17. International Journal of Modern Botany (Scientific & Academic Publishing, USA), p-ISSN: 2166-5206,e-ISSN: 2166-5214, <http://www.sapub.org>
18. International Journal of Plant Research (Scientific & Academic Publishing, USA),p-ISSN: 2163-2596,e-ISSN: 2163-260X, <http://www.sapub.org>
19. Advances in Life Sciences (Scientific & Academic Publishing, USA),p-ISSN: 2163-1387,e-ISSN: 2163-1395, <http://www.sapub.org>
20. International Journal of Agriculture and Forestry (Scientific & Academic Publishing, USA),p-ISSN: 2165-882X,e-ISSN:2165-8846, <http://www.sapub.org>
21. Plant Cell Biotechnology and Molecular Biology, ISSN: 0972-2025, <http://www.ikpress.org>
22. Global Journal of Crop, Soil Science and Plant Breeding, ISSN: 2437-1866, <http://www.globalscienceresearchjournals.org/gjcspb>

Faculty Development Courses or Programmes Attended

Sl. No.	Course	Sponsoring Agency	Institutions	Period/Date
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1	86 th Orientation Programme (O.P.)	U.G.C.	UGC Academic Staff College, The University of Burdwan, India.	28 days(7 th June,2012-4 th July, 2012)
2	5 th Refresher Course (R.C.) in Life Science	U.G.C.	UGC Academic Staff College, The University of Burdwan, India.	21 days(9 th July,2013-29 th July,2013)

Extracurricular Activities

1. Acted as the A.N.O./Caretaker, Saldiha College NCC Unit (under 56 BENGAL BATTALION NCC) since July, 2013 to November, 2014.
2. Delivered Invited Lectures in different N.S.S. Annual Special Camping Programme of Saldiha College N.S.S. Unit, Bankura, West Bengal under the Ministry of Youth Affairs & Sports, Govt. of India.
3. Acted as the Judge of Cultural Competitions of Vivek Yuba Utsav at Block Level, Sponsored by Youth Services Department, Govt. of West Bengal.
4. Biography has been published in the 30th Pearl Anniversary Edition of Who's Who in the World 2013, (ISBN: 978-0-8379-1150-2), p. 1844, Published by Marquis Who's Who Publications Board, USA.
5. Selected for IBC's LEADING DEUCATORS of the WORLD 2013.Sponsored and Administrated by the International Biographical Centre (IBC), GREAT BRITAIN.

Associated with any other Organization

1. Life Member of The Indian Science Congress Association (Membership No. - L29936).
2. Life Member of the *National Environmental Science Academy* (L/M No. - 1841).
3. Editorial Board Member of the *International Journal of Modern Botany* (Scientific & Academic Publishing, USA), <http://www.sapub.org>.
4. Editorial Board Member of the *International Journal of Plant Research*, (Scientific & Academic Publishing, USA), <http://www.sapub.org>.
5. Editorial Board Member of the *Advances in Life Sciences* (Scientific & Academic Publishing, USA), <http://www.sapub.org>.
6. Editorial Board Member of the *International Journal of Agriculture and Forestry* (Scientific & Academic Publishing, USA), <http://www.sapub.org>.
7. Editorial Board Member of the *Journal of Medicinal Plants Research*, <http://www.academicjournals.org>.

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8. Editorial Board Member of the *Topclass Journal of Agricultural Research*, <http://www.topclassglobaljournals.org>.
9. Editor of the *Global Journal of Crop, Soil Science and Plant Breeding*, www.globalscienceresearchjournals.org.
10. Associate Editor of the *Global Journal of Medicinal Plants Research*, www.globalscienceresearchjournals.org.

Other Academic Activities

1. Acting as the Head, Department of Botany, Saldiha College (Affiliated to The University of Burdwan), India since 03.04.2010 to till date.
2. Conducted Educational Excursion for Field Study in the Department of Botany in different academic session.
3. Participated and presented Research Papers in many National/International Seminars/ Symposium/Conferences.
4. Acting as the Assistant Secretary, Teaching Council, Saldiha College since the Academic Session 2014-2015 to till date.
5. Acting as the Member of the IQAC Composition, Saldiha College since the Academic Session 2014-2015 to till date.
6. Acted as the Answer Scripts Evaluator of Botany at U.G. level under The University of Burdwan, India.
7. Acted as the External Examiner/Internal Examiner to conduct the Botany Practical Examinations at U.G. level under The University of Burdwan, India.
8. Acted as the Answer Scripts Evaluator (Botany) for the recruitment of Assistant Teachers by the WBSSC (Western Zone Office).
9. Acted as the Venue Observer for conducting TET Examination for the recruitment of Assistant Teachers by the WBSSC (Western Zone Office).
10. Acted as the member of different Academic Sub-Committees of the college in different Academic Sessions.
11. Acted as member of different Sub-Committees of Seminars/Conferences/ Symposia etc. at college and university level.