

# Dr. SWAPAN KUMAR ROY

Associate Professor  
M.Sc (Botany); PhD

## Overview:

I have been serving our institute i.e., T.D.B. College, Raniganj, Paschim Bardhaman, West Bengal since March, 1990 initially as Lecturer in Botany and presently as Associate Professor of Botany.

**Date of appointment to the present job:** 1<sup>st</sup> March 1990

## Other Academic/ Administrative post:

1. As Deptt.Co-Ordinator :- From 2006-2018(April)
2. Boy's Hostel Superintendent :- 1995-1997
3. Assitant Teachers Council Secretary :- 1997-1998
4. Teacher's Council Secretary :- 1998-1999
5. Co-ordinator of ENVs :- 2006-2016
6. Member of IQAC core-committee :- (2019-contd)
7. Member of Board of Studies of ENVs :- (2020-contd)
8. Co-ordinator of Leave-committee of Self-college :- (2012-contd)

## Academic background:

Passed M.Sc from Visva-Bharati University, Ph.D awarded from Calcutta University, Specialization in Mycology and Phytopathology

## Information about M Phil/Ph D etc.:

- ❑ **PhD Topic:** Studies on some aspects of some edible mushrooms of Birbhum District of West Bengal  
Weblink:[\[https://drive.google.com/file/d/1bjOFm3DggjQZe7prjKdwoCu6yckhDorD/view?usp=sharing\]](https://drive.google.com/file/d/1bjOFm3DggjQZe7prjKdwoCu6yckhDorD/view?usp=sharing)

## Publications:

- ❑ Roy.S.K & Samajpati.N, (1983) Effect of Different Media and Incubation Periods on the Growth of Some Tropical Edible Mushrooms. Indian J. mycol.Res, 21(1), 45-47  
[Web-link:  
[https://drive.google.com/drive/folders/1SVuFnEy\\_Eidmzo9tyufXNRt3Cby3f4cq?usp=sharing](https://drive.google.com/drive/folders/1SVuFnEy_Eidmzo9tyufXNRt3Cby3f4cq?usp=sharing)]
- ❑ Roy.S.K & Samajpati.N, (1983) Effect of Temperature in the Mycelial growth of Some Tropical Edible Mushrooms, Indian J. mycol. Res, 21(1), 52-55  
[Web-link :  
<https://drive.google.com/drive/folders/1rZSKrfeK8amdgdwDYw6COK4cMKxtBtHGc?usp=sharing>]
- ❑ Roy.S.K & Samajpati.N (1984) Effect of Hydrogen Ion Concentration on the Mycelial Growth of Collybia maculata and Lentinus sp. Indian J. mycol.Res, 22(1), 65-67  
[Web-link :  
<https://drive.google.com/drive/folders/1XcpVLWwy41CbceAEGz8RIrR1uQTSzFHCQ?usp=sharing>]
- Roy.S.K & Samajpati.N (1984) Effect of Different Carbon Sources on the Mycelial Growth of Some Tropical Edible Mushrooms. Indian J.mycol.Res, 22(1), 73-75  
[Web-link :  
<https://drive.google.com/drive/folders/1YXr082i5lpzlg7HURglOqJiRzOM71ETF?usp=sharing>]
- Roy.S.K & Samajpati.N (1993) Minerals, Fibre Content and Enzymatic Digestibility of the Biomass of Three Tropical Edible Mushrooms. J.Mycopathol. Res 31(2) : 103-107  
[Web-link : [https://drive.google.com/file/d/1Vz8kKXK2ZeG\\_s1vG8g6xsXDvBjzrwcFK/view?usp=sharing](https://drive.google.com/file/d/1Vz8kKXK2ZeG_s1vG8g6xsXDvBjzrwcFK/view?usp=sharing)]
- Roy.S.K & Samajpati.N (1996) Effect of Nutritional Factors on the Yield of Mycelial Protein of Three Edible Mushrooms. J.Mycopathol. Res. 34(1) : 77-79

[Web-link : <https://drive.google.com/file/d/1XAe5eZVEHdBfYLX43PUCdkIGYBrrKigQ/view?usp=sharing>]

■ Roy.S.K & Samajpati.N, (1994) Studies on the Nutritive Value of Mycelial Protein of Some Edible Mushrooms. J.Mycopathol. Res. 32(2) : 161-167

Web-link: <https://drive.google.com/file/d/1CX2ljO9hbHHMRBvckPDKv-Q85HvDMn7H/view?usp=sharing>

■ Roy.S.K & Samajpati.N, (1996) Protein Value of Mycelial Biomass of Some Edible Mushrooms. J.Mycopathol. Res. 34(2) : 113-117

[Web-link

<https://drive.google.com/file/d/1EJkvLeLUgbPeOL4RXNeoWwli7WxYHOO4/view?usp=sharing>]

■ Roy.S.K & Samajpati.N (1988) Free Amino Acid Composition in the Cell Pool of Three Indian Edible Mushrooms. SCIENCE AND CULTURE. VOL. 54,p. 135-136, April

[Web-link : <https://archive.org/details/dli.bengal.10689.23406/page/n133/mode/2up?q=135>]

■ Roy.S.K & Maj.M, (2011) Effect of Cersan (dry) on Seed Germination, Seedling Growth, Fruit Size and Chlorophyll Content in a Cultivar of *Brassica nigra* . J.Mycopathol, Res. 49(2) : 349-351

[Web-link : <https://www.cabdirect.org/cabdirect/abstract/20133277244>]

■ Pal.P, Sikder.J, Roy.S and Giorno Lidietta (2009) Process Intensification in Lactic acid Production : a Review of Membrane Based Processes. Published by Elsevier B.V. (page 1-2)

[Web-link : [https://www.academia.edu/5233981/Process\\_intensification\\_in\\_lactic\\_acid\\_production\\_A](https://www.academia.edu/5233981/Process_intensification_in_lactic_acid_production_A)]

■ Pal.P, Sen.M, Manna.A, Pal.J, Pal.P, Roy.S and Roy.P (Dec, 2009) Contamination of Ground Water by Arsenic : a Review of Occurrence, Causes, Impacts, Remedy measures and membrane-based Purification. J. Integrative Environmental Science, Vol.6, No. 4, (page 1-22)

[Web-link : <https://www.tandfonline.com/doi/full/10.1080/19438150903185077>]

■ Roy.S.K (2015) Antifungal Activity of Whole Plant Extract and Plant Latices on Mycelial Growth of Some Pathogenic Fungi. J.Mycopathol. Res. 53(1) : 153-155.

[Web-link : <https://www.cabdirect.org/cabdirect/abstract/20163253813>]

#### **Seminars, Webinars and Conferences attended:**

❖ Training Programme on Maintenance of Opto-analytical Instruments (June 26-July 1, 1995)

Web-link-

[[https://drive.google.com/file/d/1-VS0qNReFXAf60W1WmOR43DMiA\\_kjRnc/view?usp=sharing](https://drive.google.com/file/d/1-VS0qNReFXAf60W1WmOR43DMiA_kjRnc/view?usp=sharing)]

❖ National Symposium on Tropical Mycology in the 21st Century (Feb 8-Feb 10, 2001)

Web-link-

[[https://drive.google.com/file/d/1fvdy\\_AYhQ\\_p2E\\_8kiDSLis8fD9IVADNm/view?usp=sharing](https://drive.google.com/file/d/1fvdy_AYhQ_p2E_8kiDSLis8fD9IVADNm/view?usp=sharing)]

❖ Workshop on "The UG-Examination system under Burdwan University : An in-depth of the exiting system" (6<sup>th</sup> Oct, 2004)

Web-link-

[<https://drive.google.com/file/d/1NUty7hb3DL13j8tHu02jFzJkPxDQp2K5/view?usp=sharing>]

❖ International Symposium - 2006 (Feb 23-Feb 25)

Web-link-

[[https://drive.google.com/file/d/1Jfb\\_uq5fvcJk1XF3nUW1\\_qPvacED8pRE/view?usp=sharing](https://drive.google.com/file/d/1Jfb_uq5fvcJk1XF3nUW1_qPvacED8pRE/view?usp=sharing)]

❖ National Symposium on Microorganisms and their role in Plant and Human Affairs (Dec 03-Dec 05, 2009)

Web-link-

[<https://drive.google.com/file/d/1BAtz7kgMCw5wblgq7HX1MqIMAuxq8RYi/view?usp=sharing>]

❖ National Level Conference on "BIODIVERSITY : THREATS AND CONSERVATION THROUGH TRADITIONAL AND BIOTECHNOLOGICAL APPROACHES" (Feb 4- Feb 6, 2012)

Web-link-

[<https://drive.google.com/file/d/1nofW8hxyqje6KOzm6PHmeMrqDsw7MZQg/view?usp=sharing>]

❖ International Symposium on " ROLE OF FUNGI AND MICROBES IN THE 21<sup>ST</sup> CENTURY-A GLOBAL SCENARIO" (Feb 20-Feb 22, 2014)

Web-link : <https://drive.google.com/file/d/1eUDFD-hitETXQwyj4p12FV8G2CHFgWmZ/view>

❖ 5<sup>th</sup> All India Conference on Business Studies (Jan 29-Jan 30, 2016)

Web-link-

[[https://drive.google.com/file/d/1e\\_3TgFL1STZNz7ix0ZxtU9DOzy65uXYh/view?usp=sharing](https://drive.google.com/file/d/1e_3TgFL1STZNz7ix0ZxtU9DOzy65uXYh/view?usp=sharing)]

❖ National Symposium On " MICROBIAL DIVERSITY AND IT'S IMPACT" (Feb 18-Feb 19, 2016)

Web-link-

[<https://drive.google.com/file/d/1PnbkPOs4EHNaijsUKPUbLOkcuk8jBhwr/view?usp=sharing>]

❖ One Day State level Workshop On " STRESS MANAGEMENT" (10<sup>th</sup> Nov, 2016)

Web-link-

[[https://drive.google.com/file/d/1deqPSYYi4\\_thY9hgQOclpHCpWe\\_IR\\_PR/view?usp=sharing](https://drive.google.com/file/d/1deqPSYYi4_thY9hgQOclpHCpWe_IR_PR/view?usp=sharing)]

### **Life Membership:**

Life-member of Indian Mycological Society, Ballygunge Science College, 35 B.C.Road, Kolkata-700019(since 1986, at the time of Senior Research Fellow)