

FACULTY PROFILE



Name	Devasish Bose					Date of Birth: 12-08-1971				
Designation	Professor				Date of holding Present Post			Professor		
Name of the Department and School	Department of Criminology and Forensic Science									
Contact Details	Email : devonebose@gmail.com					Mobile: +91-9425425032				
Additional Responsibility in the university, if any	University Coordinator of GIAN, Chairman council of Warden Boys Hostel, Local Coordinator Shastri Indo-Canadian Institute									
Educational Qualifications (UG onwards)	Ph.D.									
Research Area/Specialization	Forensic Chemistry & Toxicology, Adulteration, Separation Science, Criminalistics, Therapeutic Drug Monitoring, Fingerprint and Question Document									
Awards/ Honors / Fellowship Conferred	• Awarded UGC- NET in 1994. • Pre-Doctoral Fellow, Department of Chemistry,University of Amsterdam, The Netherlands (1998) • Post-Doctoral Fellow, ESTCE,University Jaume I, Castello, Spain (2000-2003) • Visiting Faculty, University Jaume I, Castello, Spain. (2004, 2006, 2008, 2010, 2011, 2012, 2014, 2019) • Advisor, Oko Centre for R&D, Ferderal Polytechnic Oko, Nigeria (2013) • Awarded 2 GIAN Courses by MHRD- 2016, 2017 • Awarded FIST 2016									
Summary of Publications (Number only)	Research Papers	58	Books	0	Chapter in Books	0	Seminars/ Conferences Proceedings		Projects	2

Research Projects (Completed and Ongoing):

S.No.	Title	Funding Agency	Duration	Amount in Rs. Lakh	Completed/ongoing
1.	Detecting the use of non-permitted yellow food colour (metanil yellow & others by direct injection micellar liquid chromatography in food stuff	M.P. Council of Science & Technology, Bhopal	July 2012 to 2014	Major Research Project	Completed
2.	Direct injection micellar liquid chromatography detection of non-permitted green colouring agent (Malachite green) in raw and prepared food stuff	University Grants Commission	April 2013 to March 2016	Major Research Project	Completed

PUBLICATIONS :

National Publications (Details of Research Papers- 2013 onwards):

2013	Annexure-I
2014	Annexure-I
2015	Annexure-I
2016	Annexure-I
2017	Annexure-I
2018	Annexure-I
2019	Annexure-I
2020	Annexure-I

International Publications (Details of Research Papers- 2013 onwards):

2013	Annexure-I
2014	Annexure-I
2015	Annexure-I
2016	Annexure-I
2017	Annexure-I
2018	Annexure-I

2019	Annexure-I	
2020	Annexure-I	
International Seminar/Conference/Workshops (Organised- 2013 onwards)		
2016	• Chemometrics and Liquid Chromatographic Method Development, 6-11 June 2016, Department of Criminology and Forensic Science, Dr. H.S. Gour University, Sagar (M.P.)	
2016	• Drug trafficking , 20-30 December 2016, Department of Criminology and Forensic Science, Dr. H.S. Gour University, Sagar (M.P.)	
2017	• New Directions in Criminology and Criminal Justice in Indo-American Perspective, 18-23 September 2017, Department of Criminology and Forensic Science, Dr. H.S. Gour University, Sagar (M.P.)	
No. of Ph.D. Awarded:		05
No. of Ph.D. Scholars working:		06
No. of Foreign Visits :		
	(a) As Visiting Faculty, External Subject Expert, Member Visiting Team in University Jaume I, Castello, Place- Spain Duration: - (2014, 2018, 2019)	
	(b) As Advisor, External Expert in Oko Centre for R&D, Federal Polytechnic Oko, Place - NigeriaDuration: - 2013- 30Days	
Memberships in Academic Bodies:		
• Life member of Indian Science Congress Association		
• Member of The Indian Society of Criminology		
Other Academic Achievements :		
(i) Membership of Editorial Boards: National/ International (With details of the journal(s) and duration)		
• Member Editorial Board BIOANALYSIS (International)		
• Member Editorial Board Hindawi Group (International)		
(ii) Reviewer of the Journal(s) (With details of the journal(s) and duration)		
• Elsevier, Springer		
• Wiley International		
• Taylor and Francis		
• Springer		
(iii) Membership of the Board of Studies/School Board / Academic Council/ Executive Council (Within/ outside the university)		
• Member of Central University Cell 2008-2009		• Member of Convocation Committee 2017-2018
• Member of Technical Committee for Sophisticated Instrumental cell since 2012		• Member of University International Cell 2012 onwards
• Member of Technical Committee for Sophisticated Instrumental cell since 2012		• Member of Boards of Studies, Govt. Holkar Science collage Indore, (M.P.)
• Member of Boards of Studies, Shri Vaishnav Vidhyapeeth, Indore, (M.P.)		•

Annexure-I

2013

International Publication

1. Simultaneous determination of three traditional and two novel Antiepileptic Drugs using Micellar Liquid Chromatography Swati Dubey, Sudheer Kumar Shukla, Abhilasha Durgabanshi, Josep Esteve-Romero, Devasish Bose. **International Journal of Analytical and Bioanalytical Chemistry**, 3 (2013) 1-8. ISSN-2231-5012.
2. Determination of Paroxetine in Pharmaceutical Preparations Using HPLC with Electrochemical Detection Nitasha Agrawal, Josep Esteve-Romero, Neeti Prakash Dubey, Abhilasha Durgabanshi, Devasish Bose, J. Peris-Vicente, S. Carda-Broch **The Open Analytical Chemistry Journal**, 7 (2013) 1-5. ISSN-1874-0650.
3. Monitoring strychnine and brucine in biochemical samples using direct injection micellar liquid chromatography Swati Dubey Mishra, Devasish Bose, S. K. Shukla, Abhilasha Durgabanshi, J. Esteve-Romero **Analytical Methods**, 5 (2013) 1747-1754. ISSN-1759-9660, I.F-2.07
4. Xanthine Derivatives Quantification in Serum by Capillary Zone Electrophoresis, Juan Peris-Vicent, Maria Rambla-Alegre, Abhilasha Durgavanshi, Devasish Bose, Josep Esteve-Romero and Sergio Marco-Peiro. **Journal of Chromatographic Science Advance**, Access published November 12, 2013, VOL 52, PG- 1121–1126, I.F-1.21, ISSN- 0021-9665.

National Publication

1. Rapid screening of ketamine in confiscated orange juice by thin layer chromatography. Subhra Hoonka, Josep Esteve-Romero, Abhilasha Durgbanshi, Devasish Bose. **Journal of the Indian Chemical Society**. VOL- 90, PG -513-517, 2013 ISSN- 00194522

2014

International Publication

1. Determination of alpha-betaarteether in pharmaceutical products using direct injection micellar liquid chromatography. S. Dubey, D. Bose, S. K. Shukla , A. Durgbanshi, J. Esteve-Romero & S. Carda-Broch, **Journal of Liquid Chromatography & Related Technologies** vol- 37:14, pg- 1929-1939, 2014 ISSN-1082-6076, I.F-0.98
2. Simultaneous Determination of Psychoactive Compounds in Foodstuffs Using Micellar Liquid. Chromatography with Direct Injection, Hoonka Subhra Dubey-Neeti Prakash Durgbanshi Abhilasha Esteve-Romero Josep Bose Devasish, **Journal of AOAC International**, Vol. 97, No. 2, 2014, PG-409-414, ISSN- 1060-3271
3. Simultaneous Determination of Three Stupefacient in Foodstuff using High Performance Liquid Chromatography. Subhra Hoonka, Abhilasha Durgbanshi, Josep Esteve-Romero, Neeti Prakesh Dubey, Devasish Bose. **Journal of Liquid Chromatography & Related Technologies**, 37 (9) (2014) 1287-1297(11). ISSN- 1056-8719.
4. Determination of paroxetine in blood and urine using micellar liquid chromatography with electrochemical detection. Nitasha Agrawal, Sergio Marco-Peiró, Josep Esteve-Romero, Abhilasha Durgbanshi, Devasish Bose, Juan Peris-Vicente, Samuel Carda-Broch. **Journal of Chromatographic Science**, 52(10) (2014) 1217-23. ISSN-ISSN 0021-9665, I.F- 1.21

2015

International Publication

1. A novel micellar chromatographic procedure for the determination of metanil yellow in foodstuffs. Vipin Ashok, Nitasha Agrawal, Abhilasha Durgbanshi, Josep Esteve-Romero, Devasish Bose. **Analytical methods**, vol. 7, 9324-9330, 2015, ISSN-1759-9660, I.F-2.07

2017

International Publication

1. Cannabis: A Neurological Remedy or a Drug of Abuse in India, Pronit Biswas, Pooja Mishra, Devasish Bose and Abhilasha Durgbanshi. **CNS & Neurological Disorders - Drug Targets**. Vol.16, 2017. ISSN-1871-5273, I.F-2.7

2018

International Publication

1. Optimization and Validation of a Chromatographic Method for the Quantification of Isoniazid in Urine of Tuberculosis Patients According to the European Medicines Agency Guideline, Pooja Mishra, Jaume Albiol-Chiva, Devasish Bose, Abhilasha Durgbanshi, Jauan Peris-Vecnte, Samuel Carda-Broch, Josep Esteve Romero. **Antibiotics**, **2018**;7(4):. ISSN-2979-6382, I.F-2.92.

2019

International Publication

1. Stability studies of rifampicin in plasma and urine of tuberculosis patients according to the European Medicines Agency Guidelines. Mishra P, Pawar RP, Bose D, Durgbanshi A, Albiol-Chiva J, Peris-Vicente J, Esteve-Romero J, Jain A: **Bioanalysis**, **2019**: ISSN-1757-6180, I.F-2.4
2. Jaume Albiol-Chiva Daniel Garcia-Ferrer,; Pooja Mishra; J. Peris- Vicente; Abhilasha Durgbanshi; Devasish Bose; Josep Esteve-Romero. Procedure for the screening of eggs and egg products to detect oxolonic acid, ciprofloxacin, enrofloxacin and sarafloxacin using micellar liquid chromatography, *Antibiotics*, 8(4), **2019** doi: 10.3390/antibiotics8040226, I.F 2.92

National Publication

1. A Rapid Thin Layer Chromatographic Method for Simultaneous Screening of Albendazole and Ivermectin in Formulations Prescribed for Human or Veterinary. R.P.Pawar, P. Mishra, A. Durgbanshi and D. Bose **Asian Journal of Chemistry**, 2019; 31(4):896-900. doi: 10.14233/ajchem.2019.21787.ISNN- 0970-7077

2020

Internationa Publication

1. Rajendra Prasad Pawar Jaume Albiol-Chiva Daniel Garcia-Ferrer,; Pooja Mishra; J. Peris- Vicente; Abhilasha Durgbanshi; Devasish Bose; Josep Esteve- Romero **Use of Micellar Liquid Chromatography to Determine Mebendazole in Dairy Products and Breeding Waste from Bovine Animals** , *Antibiotics* 2020, 9(2), 86; <https://doi.org/10.3390/antibiotics9020086>