

Poonam Singh - Nee Nigam
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School of Biomedical Sciences
Faculty Of Life & Health Sciences
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Biography

Dr Poonam Singh Nigam was awarded Doctor of Science (D.Sc.) in 2020 by Ulster University, UK; her DSc thesis included her Post-doctoral Research outputs (1985-2019), from her Supervision of Doctoral, Postdoctoral & Visiting overseas researchers, research in funded-projects, activities with scientific societies, journals and dissemination of outputs from several collaborations. She holds a PhD in Industrial Microbiology (1985) funded by the award of Junior & Senior Research Fellowships from the Council of Scientific & Industrial Research of India.

She was a Postdoctoral Researcher in an R & D Company in Germany (1985-1988), then appointed as a Senior Research Officer in Biotechnology at Ulster University in 1989. In continuation to her full-time research job, she joined as a research-active academic in Biotechnology in 1996.

Affiliations: Poonam received Chartered Biologist status in 1992 from the Institute of Biology (currently known as the Royal Society of Biology).

She is an Alumna of Ulster University N.Ireland, with two degrees: A Postgraduate Certificate in University Teaching (PGCUT) in 1998; and a Doctor of Science (DSc) in 2020.

Poonam is affiliated with several scientific societies & Academies; as

1. Senior Fellow in The Higher Education Academy UK (SFHEA)
2. Fellow of the Centre of Higher Education Research & Practice UK (FCHERP)
3. Fellow of the Royal Society of Biology UK (FRSB)
4. Fellow and Life Member of the International Forum on Industrial Bioprocesses-International Bioprocessing Association France (FIFIBioP)
5. Fellow of Academy of Microbiological Sciences (FACMSc)
6. Fellow & Life member of Biotechnology Research Society India (FBRSI)

Research Interests: Microbial-Biotechnology, Industrial & Applied Microbiology, Fermentation Technology, in the area of Enzymes for Industries & Diagnostics; Biotransformations; Bioprocessing; Food-Fermentation & Probiotics; Bioremediation of Food, Sugar, Distillery, Brewery and agricultural residues/By-products for Circular Bioeconomy

Research Outputs: One EU Patent, Four Biotechnology Reference books, more than 300 peer-reviewed papers, Research-informed chapters in Biotechnology-books, and Research-informed Review Articles in International Scientific Journals.

Global Collaborations: Poonam has several active research collaborations with international Research Institutes in Australia, Brazil, Greece, Ireland, Cyprus, Italy, Taiwan and India. PhD students supervised by her now working in the US, Canada, Europe and India.

Research Awards: Poonam has a sustained track record of FUNDS **£1,065,278.00** through **16 awards** from prestigious sources, including Royal Society, British Council, UNESCO, Higher Education Academy, Association of Commonwealth Universities, Department of International Development, CEC/ERDF, IRTU-START (The Industrial Research and Technology Unit), CEC-IRTU Networking Prog, Department of Environment CEC/ERDF-Env Protec, European Social Fund, Randox Pharmaceutical company, Council of Scientific & Industrial Research, Ministry of Education India.

She was a key contributor to several other research projects: **£416,279.00** funded by International Fund for Ireland, and Randox Pharmaceutical company; and **£92,100.00 from the EU INCO-DC** program for International cooperation of UK university with a University in a Developing country India.

UK Academy of Sciences (Royal Society) nominated her twice under Bilateral International Exchange Program as a British Scientist visiting Indian National Science Academy and its affiliated institutes. The Royal Society also funded her four visits to delegate to International conferences.

Teaching Experience: Industrial and Applied Microbiology and Biotechnology Topics in modules designed based on her Research expertise for courses at Undergraduate & Postgraduate levels.

Administrative Roles: Course Director Biotechnology Postgraduate program (2000-present); Course Director Food Biotechnology, a Postgraduate joint Dual-Degree Program with two Greek Universities (2000-2013), Module coordinator over 16 Taught modules at Undergraduate and Postgraduate levels (1996-present).

Qualifications

Unknown, Ulster University Doctoral College
Award Date: 30 Jul 2020

PhD, Chhatrapati Shahu Ji Maharaj Kanpur University

1 Jun 1982 → 1 Dec 1985

Award Date: 1 Dec 1985

Master, Chhatrapati Shahu Ji Maharaj Kanpur University

1 Jul 1978 → 30 Jun 1980

Award Date: 1 Jul 1980

Bachelor, Chhatrapati Shahu Ji Maharaj Kanpur University

1 Jul 1976 → 30 Jun 1978

Award Date: 1 Jul 1978

Employment

Senior Lecturer in Biotechnology

Senior Lecturer

School of Biomedical Sciences

Vice-Chancellor's Office

1 Aug 2017 → present

Senior Lecturer

Faculty Of Life & Health Sciences

Vice-Chancellor's Office

1 Aug 2017 → present

Adjunct Professor Biotechnology

Vellore Institute of Technology Bhopal University

India

1 Feb 2020 → 1 Jan 2030

Visiting-Adjunct Professor B.Eng. course "Downstream Processing in Biotechnology"

Rhein-Hochschule Kleve, Germany

Germany

1 Jan 2015 → 30 Jun 2015

Editor Elsevier Journal Bioresource Technology

1 Jan 2001 → 1 Jan 2016

British Council Associate Advisor in Biotechnology

The British Council

1 Jan 2001 → 1 Jan 2013

Research outputs

Nutrition and Health through the Use of Probiotic Strains in Fermentation to Produce Non-Dairy Functional Beverage Products Supporting Gut Microbiota

Dahiya, D. & Singh - Nee Nigam, P., 8 Sep 2022, In: Foods . 11, 18, p. 1-13 13 p., 11182760.

Clinical Potential of Microbial Strains, Used in Fermentation for Probiotic Food, Beverages and in Synbiotic Supplements, as Psychobiotics for Cognitive Treatment through Gut-Brain Signaling

Dahiya, D. & Singh - Nee Nigam, P., 23 Aug 2022, In: Microorganisms. 10, 9, p. 1-14 14 p., 1687.

Sustainable Biosynthesis of Esterase Enzymes of Desired Characteristics of Catalysis for Pharmaceutical and Food Industry Employing Specific Strains of Microorganisms: Special Issue Towards the Full Inclusion of Waste Management into Circular Economy

Dahiya, D. & Singh - Nee Nigam, P., 15 Jul 2022, In: Sustainability. 14, 14, p. e8673 12 p., 8673.

One-step hydrolysis ethanol fermentation of cellobiose and pinewood-cellulose by cell factories of non-GMO *Saccharomyces cerevisiae* using kissiris and γ -alumina as support

Kalogeropoulou, A., Plioni, I., Dimitrellou, D., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A., 14 Jul 2022, In: *BAOJ Microbiology*. 6, 1, p. 1-8 8 p., 1005.

Probiotics, Prebiotics, Synbiotics, and Fermented Foods as potential biotics in Nutrition Improving Health via Microbiome-Gut-Brain Axis.

Dahiya, D. & Singh - Nee Nigam, P., 27 Jun 2022, In: *Fermentation*. 8, 7, 19 p., 303.

Use of Cellulosic Materials from Agricultural Residues for Antibacterial Food Packaging: Biodegradable antimicrobial packaging for uncooked meat, poultry & seafood.

Singh - Nee Nigam, P., 24 May 2022, p. 1-2. 2 p.

Isolation of antimicrobial compounds from aniseed and techno-economic feasibility report for industrial-scale application

Bontzolis, C., Plioni, I., Dimitrellou, D., Boura, K., Kanellaki, M., Singh - Nee Nigam, P. & Koutinas, A., 9 May 2022, (E-pub ahead of print) In: *International Journal of Food Science and Technology*. 26 p.

A Critical Review for Advances on Industrialization of Immobilized Cell Bioreactors: Economic Evaluation on Cellulose Hydrolysis for PHB Production

Boura, K., Dima, A., Singh - Nee Nigam, P., Panagopoulos, V., Kanellaki, M. & Koutinas, A. A., 30 Apr 2022, In: *Bioresource Technology*. 349, 126757.

Biosynthesis of fuel-grade ethanol from cellobiose by a cell-factory of non-GMO *Saccharomyces cerevisiae*/starch-gel-cellulase

Kalogeropoulou, A., Plioni, I., Dimitrellou, D., Soupioni, M., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A., 1 Apr 2022, In: *Fuel*. 313, p. 1-8 8 p., 122986.

Effect of cellulose crystallinity modification by starch gel treatment for improvement in ethanol fermentation rate by non-GM yeast cell factories

Plioni, I., Kalogeropoulou, A., Dimitrellou, D., Kandyli, P., Kanellaki, M., Singh - Nee Nigam, P. & Koutinas, A., 1 Apr 2022, In: *Bioprocess and Biosystems Engineering*. 45, 4, p. 783-790 8 p.

Application of biological systems and processes employing microbes and algae to Reduce, Recycle, Reuse (3Rs) for the sustainability of circular bioeconomy

Dahiya, D., Sharma, H., Rai, A. K. & Singh - Nee Nigam, P., 28 Mar 2022, In: *AIMS Microbiology*. 8, 1, p. 83-102 20 p., 2022008.

The Gut Microbiota Influenced by the Intake of Probiotics and Functional Foods with Prebiotics Can Sustain Wellness and Alleviate Certain Ailments like Gut-Inflammation and Colon-Cancer

Dahiya, D. & Singh - Nee Nigam, P., 20 Mar 2022, In: *Microorganisms*. 10, 3, 665.

Consolidated bioprocessing of lactose into lactic acid and ethanol using non-engineered cell factories

Panagopoulos, V., Boura, K., Dima, A., Karabagias, I., Bosnea, L., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A., 28 Feb 2022, In: *Bioresource Technology*. 345, p. 1-8 8 p., 126464.

Global status of lignocellulosic biorefinery: Challenges and perspectives

Singh, N., Singhanian, R. R., Nigam, P. S., Dong, C. D., Patel, A. K. & Puri, M., 31 Jan 2022, In: *Bioresource Technology*. 344, Pt B, 13 p., 126415.

Evaluation of Effect of Unique Manuka Factor (UMF) Honey on the Stability of Fish Oil Emulsions towards Auto-oxidation

Singh - Nee Nigam, P., 1 Dec 2021, p. 90-91.

An Overview of Bioprocesses Employing Specifically Selected Microbial Catalysts for γ -Aminobutyric Acid Production

Dahiya, D., Manuel, J. & Singh - Nee Nigam, P., 28 Nov 2021, (E-pub ahead of print) In: *Microorganisms*. 9, 12, p. 1-16 16 p., 2457.

Industrial Wastes Utilization a Biorefinery Prospective: Biotechnological Recycling and Reuse of Brewer's Solid Wastes with other food industry residues

Singh - Nee Nigam, P., 21 Nov 2021, p. 1.

Consolidated bioprocessing of starch based on a bilayer cell factory without genetic modification of yeast

Drosos, A., Boura, K., Dima, A., Karabagias, I. K., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A. A., 1 Nov 2021, In: Environmental Technology & Innovation. 24, p. 1-11 11 p., 101844.

Correction to: Bioactivities of *Penicillium citrinum* isolated from a medicinal plant *Swertia chirayita*

Sharma, H., Rai, A. K., Chettri, R. & Nigam, P. S., Nov 2021, In: Archives of Microbiology. 203, p. 5843-5843 1 p.

Designing of biocatalysts for their efficient use and re-use in industrial bioprocesses. Invited online Lecture at International Symposium onAgri-Food Industry & Health Products

Singh - Nee Nigam, P., 26 Oct 2021.

Bioconversion of potato-processing wastes into an industrially-important chemical lactic acid

de Oliveira, J., Porto de Souza Vandenberghe, L., Zwiercheczewski de Oliveira, P., Murawski de Mello, A. F., Rodrigues, C., Singh - Nee Nigam, P., Faraco, V. & Soccol, C. R., 30 Sep 2021, In: Bioresource Technology Reports. 15, 7 p., 100698.

An environment-friendly Approach for the Removal of Textile Dyes from dye-contaminated water and Solid-State Fermentation of Dye-Adsorbed Substrates: Invited talk México

Singh - Nee Nigam, P., 13 Sep 2021, p. 1.

Kefir as a Functional Beverage Gaining Momentum towards Its Health Promoting Attributes

Ganatsios, V., Singh - Nee Nigam, P., Plessas, S. & Terpou, A., Sep 2021, In: Beverages. 7, 3, p. 1-15 15 p., 48.

Bioactivities of *Penicillium citrinum* isolated from a medicinal plant *Swertia chirayita*

Sharma, H., Rai, A. K., Chettri, R. & Singh - Nee Nigam, P., 2 Aug 2021, In: Archives of Microbiology. 203, p. 5173-5182 10 p.

A cell-factory model of *Saccharomyces cerevisiae* based on bacterial cellulose without GMO for consolidated bioprocessing of starch

Drosos, A., Boura, K., Dima, A., Soupioni, M., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A. A., 31 Jul 2021, In: Food and Bioprocesses Processing . 128, p. 202-214 13 p.

Food Industries Wastewater Recycling for Biodiesel Production through Microalgal Remediation

A, A., Dahiya, D., Ghosh, U. K., Singh - Nee Nigam, P. & Jaiswal, A. K., 23 Jul 2021, In: Sustainability (Switzerland). 13, 15, p. 1-17 17 p., 8267.

Exploring endophytes for in vitro synthesis of bioactive compounds similar to metabolites produced in vivo by host plants

Sharma, H., Rai, A. K., Dahiya, D., Chettri, R. & Singh - Nee Nigam, P., 26 May 2021, (E-pub ahead of print) In: AIMS Microbiology. 7, 2, p. 175-199 25 p., 2021012.

Cell factory models of non-engineered *S. cerevisiae* containing lactase in a second layer for lactose fermentation in one batch

Panagopoulos, V., Dima, A., Boura, K., Bosnea, L., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, T., 30 Apr 2021, In: Enzyme and Microbial Technology. 145, 6 p., 109750.

Chemical preservative delivery in meat using edible vegetable tubular cellulose

Panitsa, A., Petsi, T., Kandyli, P., Singh - Nee Nigam, P., Kanellaki, M. & Koutinas, A., 30 Apr 2021, In: LWT - Food Science and Technology. 141, 8 p., 111049.

An overview of three biocatalysts of pharmaceutical importance synthesized by microbial cultures

Dahiya, D. & Singh - Nee Nigam, P., 27 Apr 2021, (E-pub ahead of print) In: AIMS Microbiology. 7, 2, p. 124-137 14 p.

Process Optimization for the Biosynthesis and bioavailability of an Antioxidant-Glutathione employing Yeast: Invited talk

Singh - Nee Nigam, P., Apr 2021, p. 1.

Chapter 25 - Biosynthesis of polyglutamic acid (γ -PGA), a biodegradable and economical polyamide biopolymer for industrial applications

Dahiya, D., Chettri, R. & Singh - Nee Nigam, P., 2021, *Microbial and Natural Macromolecules: Synthesis and Applications - Elsevier reference B978-0-12-820084-1.00026-0: Microbial and Natural Macromolecules*. Das, S. (ed.). 1 ed. USA: Academic Press, Vol. 1. p. 681-688 8 p.

Plant based Gold Nanoparticles and Penetration through Blood Brain Barrier

Dubey, V., Owusu-Apenten, R., Narain, K., Singh - Nee Nigam, P., Semwal, A. & Tripathi, S., 30 Jun 2020, (E-pub ahead of print) In: International journal of Pharmaceutical and medicinal research. 8, 3, p. 11-17 7 p., IJPMR-495.

Screening of Bacterial Isolates from Seafood-Wastes for Chitin Degrading Enzyme Activity

Thomas, S., Patil, A. B., Salgaonkar, P. N., Shrivastava, S. & Singh - Nee Nigam, P., 18 May 2020, In: Chemical Engineering & Process Techniques. 5, 1, p. 1-8 8 p., 1059.

Waste Management by Biological Approach Employing Natural Substrates and Microbial Agents for the Remediation of Dyes'Wastewater

Dahiya, D. & Singh - Nee Nigam, P., 24 Apr 2020, In: Applied Sciences (Switzerland). 10, 8, 13 p., 2958.

Anticancer Effects of Novel Tetrahydro-Dimethyl-Xanthene-Diones

Alagumuthu, M., Arumugam, S. K., Singh - Nee Nigam, P. & Napoleon, A., 31 Mar 2020, In: Anti-Cancer Agents in Medicinal Chemistry . 20, 7, p. 909-916 8 p.

Natural Products as Economical Agents for Antioxidant Activity

Nazar, N., Hussain, A. I. & Singh - Nee Nigam, P., 1 Mar 2020, *Phytochemicals from medicinal plants: Innovations in plant science for better health*. Suleria, Goyal, Butt (ed.). Apple Academic Press, Inc. Canada: CRC Press, p. 201-231 31 p.

Current Aspects of Medicinal Properties and Health Benefits of Plant *Withania somnifera*

Singh - Nee Nigam, P. & Owusu-Apenten, R., 1 Dec 2019, *Plant Biotechnology: Progress in Genomic Era; Part III Plant as Medicine and GE for (Plant) stress*. Khurana • Gaur (ed.). 1 ed. Springer Nature Singapore Pte Ltd.: Springer Singapore, Vol. 1. p. 311-325 15 p.

Evaluation of biocatalysts for their efficient use and re-use in bioprocesses

Singh - Nee Nigam, P., Nov 2019, p. 1.

Phospholipid—the dynamic structure between living and non-living world; a much obligatory supramolecule for present and future

Alagumuthu, M., Dahiya, D. & Singh - Nee Nigam, P., 24 Jan 2019, In: AIMS Molecular Science. 6, 1, p. 1-19 19 p.

Sustainability of biohydrogen as fuel: Present scenario and future perspective

Rathore, D., Singh, A., Dahiya, D. & Singh - Nee Nigam, P., 1 Jan 2019, In: AIMS Energy. 7, 1, p. 1-19 19 p.

Antibacterial activity of Manuka honey and its components: An overview

Johnston, M., McBride, M., Dahiya, D., Owusu, R. K. & Singh - Nee Nigam, P., 27 Nov 2018, In: AIMS Microbiology. 4, 4, p. 655-664 10 p.

Bioethanol synthesis for fuel or beverages from the processing of agri-food by-products and natural biomass using economical and purposely modified biocatalytic systems

Dahiya, D. & Singh - Nee Nigam, P., 14 Nov 2018, In: AIMS Energy. 6, 6, p. 979-992

Evaluation of Chios mastic gum as antimicrobial agent and matrix forming material targeting probiotic cell encapsulation for functional fermented milk production

Terpou, A., Singh - Nee Nigam, P., Bosnea, L. & Kanellaki, M., Nov 2018, In: LWT - Food Science and Technology. 97, p. 109-116 8 p.

Comparison of Iron (III) Reducing Antioxidant Capacity (iRAC) and ABTS Radical Quenching Assays for Estimating Antioxidant Activity of Pomegranate

Wan, H. C., Sultana, B., Singh - Nee Nigam, P. & Owusu, R. K., 7 Aug 2018, (E-pub ahead of print) In: Beverages. 4, 3, p. 1-10 10 p.

Determination of Iron (III) Reducing Antioxidant Capacity for Manuka Honey and Comparison with ABTS and Other Methods

Yusof, H. IM., Owusu, R. K. & Singh - Nee Nigam, P., 11 Jun 2018, In: Journal of Advances in Biology and Biotechnology. 18, 1, p. 1-9 9 p., JABB.42202.

Upgrading of Mixed Food Industry Side-Streams by Solid-State Fermentation with *P. ostreatus*

Aggelopoulos, T., Bekatorou, A., Plessas, S., Koutinas, A. & Singh - Nee Nigam, P., 1 Apr 2018, (E-pub ahead of print) In: Recycling. 3, 2, p. 1-12

Entrapment of *Lactobacillus casei* ATCC393 in the viscous matrix of *Pistacia terebinthus* resin for functional myzithra cheese manufacture

Vasiliki, S., Terpou, A., Bosnea, L., Kanellaki, M. & Singh - Nee Nigam, P., 1 Mar 2018, In: LWT - Food Science and Technology. 89, p. 441-448

Complex coacervates of encapsulated probiotic bacteria: role of polymerratio and concentration on their viability

Bosnea, L., Moschakis, T., Biliaderis, C. & Singh - Nee Nigam, P., 16 Nov 2017, (Accepted/In press) *Unknown Host Publication*. Babasaheb Bhimrao Ambedkar University, p. 28-28 1 p.

Total Phenols, Antioxidant Capacity and Antibacterial Activity of Manuka Honey Chemical Constituents

Kirkpatrick, G., Nigam, P. & Owusu-Apenten, R. K., 6 Nov 2017, In: Journal of Advances in Biology and Biotechnology. 15, 4, p. 1-7

Total Phenols, Antioxidant Capacity and Antibacterial Activity of Manuka Honey Extract

Chau, T. C., Owusu-Apenten, R. & Nigam, P., 28 Oct 2017, In: Journal of Advances in Biology and Biotechnology. 15, 4

Growth adaptation of probiotics in biopolymer-based coacervate structures to enhance cell viability

Bosnea, L. A., Moschakis, T., Singh - Nee Nigam, P. & Biliaderis, C. G., 1 Jun 2017, In: LWT - Food Science and Technology. 77, p. 282-289

An overview: Recycling of solid barley waste generated as a by-product in distillery and brewery

Singh - Nee Nigam, P., 22 Feb 2017, (E-pub ahead of print) In: Waste Management. 62, p. 255-261

Enhanced probiotic viability and aromatic profile of yogurts produced using wheat bran (*Triticum aestivum*) as cell immobilization carrier

Terpou, A., Bekatorou, A., Kanellaki, M., Koutinas, A. & Singh - Nee Nigam, P., 17 Jan 2017, (E-pub ahead of print) In: Process Biochemistry. 55, p. 1-10

An Overview of Microorganisms' Contribution and Performance in Alcohol Fermentation Processing a Variety of Substrates

Singh - Nee Nigam, P., 1 Jan 2017, In: Current Biotechnology. 6, 1, p. 9-16

Production, Isolation and Purification of industrial products. Book no 8 in Elsevier Book series of 9 Books – titled "Current Developments in Biotechnology and Bioengineering".

Pandey, A. (ed.), Negi, S. (ed.), Singh - Nee Nigam, P. (ed.) & Soccol, CR. (ed.), 1 Jan 2017, Elsevier.

A Combination of Curcumin from Turmeric and Alpha-linolenic Acid Shows Antagonism with MCF-7 Breast Cancer Cells in Phenol-red Free Medium

Aldhirgham, T., Henderson, K., Nigam, P. & Owusu-Apenten, R. K., 22 Dec 2016, In: *Journal of Applied Life Sciences International*. 10, 1, p. 1-12

Strategic Transformation of Biocatalysts for their Effective Employability in Bioprocessing

Singh - Nee Nigam, P., 15 Dec 2016, (Accepted/In press) *Unknown Host Publication*. Centre of Innovative and Applied Bioprocessing, p. 44-45 2 p.

Sustainability of Bio-hydrogen Fuel: Present Scenario and Future Prospective

Rathore, D., Singh, A. & Singh - Nee Nigam, P., 11 Dec 2016, (Accepted/In press) *Unknown Host Publication*. Jawaharlal Nehru University, p. IO11-IO12 2 p.

Polymer ratio and concentration effect on viability of encapsulated probiotic bacteria in complex coacervates

Bosnea, L., Moschakis, T., Biliaderis, CG. & Singh - Nee Nigam, P., 8 Dec 2016, (Accepted/In press) *Unknown Host Publication*. Vellore Institute of Technology, 1 p.

Evaluation of Manuka Honey Estrogen Activity Using the MCF-7 Cell Proliferation Assay

Henderson, K., Aldhirgham, T., Singh - Nee Nigam, P. & Owusu-Apenten, R. K., 1 Dec 2016, (E-pub ahead of print) In: *Journal of Advances in Biology and Biotechnology*. 10, 3, p. 1-11

Manuka Honey-induced Cytotoxicity against MCF7 Breast Cancer Cells is Correlated to Total Phenol Content and Antioxidant Power

Portokalakis, I., Mohd Yusof, HI., Ghanotakis, DF., Singh Nigam, P. & Owusu-Apenten, R. K., 29 Jul 2016, In: *Journal of Advances in Biology and Biotechnology*. 8, 2, p. 1-10

Effect of pH on the Radical Quenching Capacity of Tea Infusions Using the ABTS^{•+} Assay

Chan, Y. M., Cheng, N. K., Nigam, P. & Owusu-Apenten, R. K., 22 Jun 2016, (E-pub ahead of print) In: *Journal of Applied Life Sciences International*. 6, 2, p. 1-8

Rapid Colorimetric Determination of Methylglyoxal Equivalents for Manuka Honey

Kwok, TH., Kirkpatrick, G., Mohd Yusof, HI., Portokalakis, I., Nigam, P. & Owusu-Apenten, R., 14 Jun 2016, (E-pub ahead of print) In: *Journal of Advances in Biology and Biotechnology*. 7, 1, p. 1-6

Enzyme-assisted Extraction of Polyphenols from Pomegranate (*Punicagranatum*) Peel

Mushtaq, M., Sultana, B., Akram, S., Adnan, A., Apenten, R. KO. & Singh - Nee Nigam, P., 26 May 2016, (Accepted/In press) In: *Research & Reviews: Journal of Microbiology and Biotechnology*. 5, 2, p. 27-34

Antioxidant and genoprotective activity of selected cucurbitaceae seed extracts and LC-ESIMS/MS identification of phenolic components

Yasir, M., Sultana, B., Nigam, P. & Owusu-Apenten, R., 15 May 2016, In: *Food Chemistry*. 199, p. 307-313 12 p.

Studies on Biosynthetic Production of Antioxidant Glutathione Using Microbial Cultures

Singh - Nee Nigam, P. & Apenten, R. KO., 1 Feb 2016, *Frontier Discoveries and Innovations in Interdisciplinary Microbiology*. Shukla, P. (ed.). Springer New York: Springer, Vol. 1. p. 1-8

Food additives: Production of microbial pigments and their antioxidant properties.

Singh - Nee Nigam, P. & Luke, J. S., Feb 2016, In: *Current Opinion in Food Science*. 7, p. 93-100

Microbial Enzymes with Special Characteristics for Biotechnological Applications

Singh - Nee Nigam, P., 19 Jan 2016, *"Enzymes and Their Biotechnological Applications" - Special Issue of Journal Biomolecules*. Rampelotto, P. H. (ed.). MDPI AG, Basel, Switzerland: MDPI, p. 597 -611

Antioxidant Activity of Curcumin and Neem (*Azadirachta indica*) Powders: Combination Studies with ALA Using MCF-7 Breast Cancer Cells

Cheung, T., Singh - Nee Nigam, P. & Owusu-Apenten, R., 8 Jan 2016, In: Journal of Applied Life Sciences International. 4, 3, p. 1-12

Steam Explosion Pretreatment of Oil Palm Empty Fruit Bunches (EFB) using autocatalytic hydrolysis: A Biorefinery approach

Medina, J. D. C., Adenise, W., Filho, A. Z., Singh - Nee Nigam, P., Ramos, L. P. & Socco, C. R., 1 Jan 2016, In: Bioresource Technology. 199, p. 173-180 7 p.

Strategies Development for Enhancement of Probiotic Viability

Bosnea, L. A., Moschakis, T., Singh - Nee Nigam, P. & Biliaderis, CG., 22 Nov 2015, *Unknown Host Publication*. Council of Scientific and Industrial Research, Vol. 1. p. 99-99 1 p.

Studies on correlation of methylglyoxal (MG) contents and anticancer properties of unique Manuka factor (UMF) honey.

Yusof, H. IM., Apenten, R. KO. & Singh - Nee Nigam, P., 22 Nov 2015, *Unknown Host Publication*. Council of Scientific and Industrial Research, Vol. 1. p. 136-136 1 p.

Evaluation of effect of unique Manuka factor (UMF) honey on the stability of fish oil emulsions towards auto-oxidation.

Wilson, L. WH., Apenten, R. KO. & Singh - Nee Nigam, P., 19 Nov 2015, *Unknown Host Publication*. Institute of macromolecular science & engineering, Kerala India and Ayurveda und Venen klinik, Klagenfurt, Austria, Vol. 1. p. 05-05 1 p.

Multidisciplinary Science- Biotechnology: A Global Perspective (Guest Lecture)

Singh - Nee Nigam, P., 18 Nov 2015, *Unknown Host Publication*. Amity University, 25 p.

Biotechnology - A global Discipline (Guest Lecture)

Singh - Nee Nigam, P., 16 Nov 2015, *Unknown Host Publication*. Amity University, 25 p.

Applied Microbial-Biotechnology - in Pharmaceutical, Environmental and Food industries.

Singh - Nee Nigam, P., 13 Nov 2015

Antioxidant, Anticancer and Antibacterial Activity of *Withania somnifera* Aqueous Root Extract

Barnes, DA., Barlow, R., Nigam, P. & Owusu-Apenten, R., 10 Nov 2015, In: Journal of Advances in Biology and Biotechnology. 5, 1, p. 1-6

Antioxidant, Anticancer and Antimicrobial, Effects of *Rubia cordifolia* Aqueous Root Extract

Barlow, R., Barnes, D., Campbell, A., Apenten, R. KO. & Singh - Nee Nigam, P., 10 Nov 2015, In: Journal of Advances in Biology and Biotechnology. 5, 1, p. 6-14

Elsevier Journal Biochemical Engineering - Special Issue on Emerging Trends in Industrial Biotechnology (SI - ICETB-2014).

Thakur, IS. (ed.), Pandey, A. (ed.), Singh - Nee Nigam, P. (ed.) & Nampoothiri, K. (ed.), 15 Oct 2015, Elsevier. 134 p.

Utilization of agro-wastes to inhibit aflatoxins synthesis by *Aspergillus parasiticus*: A biotreatment of three cereals for safe long-term storage.

Sultana, B., Naseer, R. & Singh - Nee Nigam, P., 3 Sep 2015, In: Bioresource Technology. 197, p. 443 -450

Elsevier Journal Bioresource Technology - Special Issue on: International Conference on Emerging Trends in Biotechnology 2015

Thakur, IS. (ed.), Lee, KT. (ed.), Singh - Nee Nigam, P. (ed.) & Sukumaran, RK. (ed.), 1 Jul 2015, Elsevier (www.elsevier.com) Dorchester, UK: Elsevier. 1 p.

Preface

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Activities

"Research For Future" All-Island Research Excellence Network (AIREN) Inaugural Conference; supported by InterTradeIreland at Titanic Hotel Belfast, N. Ireland, with Ulster University, Queen's University Belfast & University College Dublin

Poonam Singh - Nee Nigam (Participant)

8 Aug 2022

Circular Bioeconomy Research collaboration consultative meeting with members of Biology and Sustainability Research Division, Malaysian Palm Oil Board (MPOB), Ministry of Primary Industries Malaysia

Poonam Singh - Nee Nigam (Participant)

15 Jun 2022

Student Outreach & Recruitment; Postgraduate Information Session for Graduates in Life & Health Biosciences

Poonam Singh - Nee Nigam (Participant)

15 Jun 2022

'The Role of Research Support Professionals in Research Culture'. All Island Research Excellence Network

Poonam Singh - Nee Nigam (Participant)

15 Jun 2022

Exploring the Scholarship of Teaching and Learning 25th May, 2022 Online Heriot-Watt University, Riccarton Campus: HUBS Heads of University Biosciences

Poonam Singh - Nee Nigam (Participant)

25 May 2022

"Use of Cellulosic Materials from Agricultural Residues for Antibacterial Food Packaging" Invited Talk at "WORKSHOP Recent Advances in Bioprocessing, Food Innovation & Research Infrastructure, Food Bioprocessing Development" University of Patras, Greece

Poonam Singh - Nee Nigam (Speaker)

24 May 2022 → 25 May 2022

Global Engagement and Academic Recruitment, University of Ulster, Coleraine Campus, Quarterly meeting

Poonam Singh - Nee Nigam (Participant)

3 May 2022

Meeting of European members of International Forum of Industrial Bioprocessing and International Association of Bioprocessing (IBA-IFIBiop), online

Poonam Singh - Nee Nigam (Participant)

3 May 2022

"Networking Academia" a Workshop Felicitated by Dr P. Singh Nigam for Doctoral Researchers (PhD) from all faculties; under Researcher Development Programme: Research & Impact, Doctoral College Ulster University, UK

Poonam Singh - Nee Nigam (Participant)

18 Mar 2022

Examiner PhD Thesis DEVELOPMENT OF SUITABLE MICELLAR MEDIA FOR THE REMOVAL OF DYES DIRECT FROM AQUEOUS SOLUTIONS, Jan 2022 GC University Faisalabad

Poonam Singh - Nee Nigam (Examiner)

27 Jan 2022

The British Council and Association of Commonwealth Universities event: "The Role of International Higher Education Partnerships in Contributing to the Sustainable Development Goals". organised by the Going Global Partnerships team, British Council.

Poonam Singh - Nee Nigam (Participant)

12 Jan 2022

Examiner PhD thesis "Development of prediction models for active Pharmaceutical ingredients of different Antidiabetics by using Raman spectral data". JR Bajwa, Government College University

Poonam Singh - Nee Nigam (Examiner)

5 Jan 2022

International Conference of Academic Institutions Vibrant Gujarat Education Summit-2022, Ministry of Skill Development & Entrepreneurship & Ministry of Education, Gov of India Vigyan Bhawan, Science City, Ahmedabad, Jan 5-6,2022

Poonam Singh - Nee Nigam (Participant)

5 Jan 2022 → 6 Jan 2022

Examiner PhD Thesis 2021 "synthesis and characterization of zinc-based photocatalysts for the degradation of selected dyes in aqueous medium" Muhammad Adeel Govt College University, Faisalabad

Poonam Singh - Nee Nigam (Examiner)

30 Dec 2021

Invited Talk on SDG 4 UN-Sustainable Development Goals: "Trans-National Education Achievements and Prospects: Role of International Tertiary Education in achieving SDG 4: Quality Education" at Global Virtual Conference Universidade Federal do Parana, Brazil

Poonam Singh - Nee Nigam (Speaker)

3 Dec 2021

Invited Talk topic: "SDG 3 Good Health and Well-being: Evaluation of Effect of Unique Manuka Factor (UMF) Honey on the Stability of Fish Oil Emulsions towards Auto-oxidation" in International Conference on Biotechnology for Resource Efficiency, Energy, Environment, Chemicals and Health (BREEECH 2021)

Poonam Singh - Nee Nigam (Speaker)

3 Dec 2021

Jury Poster Session, and Assessor of Short Oral presentations by Doctoral Researchers at International Conference on Biotechnology for Resource Efficiency, Energy, Environment, Chemicals and Health , December 1-4, 2021

Poonam Singh - Nee Nigam (Participant)

1 Dec 2021 → 4 Dec 2021

Mentor in Research Mentoring Programme for Doctoral and Early-career Researchers in Bioscience subjects in Faculty of Life & Health Sciences.

Poonam Singh - Nee Nigam (Consultant)

1 Dec 2021 → 30 Dec 2022

Examiner PhD Thesis "Removal of heavy metals and dyes from Industrial wastewater by micellar enhanced Ultrafiltration including computational Studies of dyes", Amnah Yusaf, Govt College University, Faisalabad

Poonam Singh - Nee Nigam (Examiner)

28 Nov 2021

Invited Talk UN SDG-9 Industry, Innovation and Infrastructure: Topic of talk "Industrial Wastes Utilization a Biorefinery Prospective: Biotechnological Recycling and Reuse of Brewer's Solid Wastes with other food industry residues", IX Symposium "Applied Sciences for sustainable development at Universidad de Camagüey "Ignacio Agramonte Loynaz", Cuba

Poonam Singh - Nee Nigam (Speaker)

25 Nov 2021

Invited International Delegate at IX Symposium "Applied Sciences for sustainable development at Universidad de Camagüey "Ignacio Agramonte Loynaz", Cuba

Poonam Singh - Nee Nigam (Participant)

24 Nov 2021 → 26 Nov 2021

WAHED "World Access to Higher Education Day" Conference 2021: 'Who will be going to university in 2030. Supported by University World News organiser Centre for Levelling Up (CELUP) and National Education Opportunities Network (NEON)

Poonam Singh - Nee Nigam (Participant)

17 Nov 2021

Chair of Invited talks-session 12: "Functional and processed food" at International Symposium on Biotechnology towards Improving Agri-Food Industry and Healthcare Products.

Poonam Singh - Nee Nigam (Participant)

29 Oct 2021

Invited online Talk on the topic "Designing of biocatalysts for their efficient use and reuse in industrial bioprocesses"

Poonam Singh - Nee Nigam (Speaker)

29 Oct 2021

Maximizing outcomes with blended learning: Present and future strategies for taking a student-centered approach. Times Higher Education (THE), Sep 30

Poonam Singh - Nee Nigam (Participant)

30 Sep 2021

Participation as Member of International Organising committee in 9th International Forum on Industrial Bioprocesses, Mexico. certificate pic

Poonam Singh - Nee Nigam (Participant)

13 Sep 2021 → 15 Sep 2021

Invited speaker in 9th International Forum on Industrial Bioprocesses, Mexico. the topic of the talk "Bioremediation of textile-effluents using biotechnology of Solid-state fermentation" Certificate pic

Poonam Singh - Nee Nigam (Speaker)

12 Sep 2021 → 15 Sep 2021

Embracing the Future of Work: Higher Education's Role as an Employer and an Educator. Times Higher Education UK 14 July

Poonam Singh - Nee Nigam (Participant)
14 Jul 2021

Times Higher Education (THE) Young Universities Summit 2021, 22-23 June

Poonam Singh - Nee Nigam (Participant)
22 Jun 2021 → 23 Jun 2021

Times Higher Education (THE) Supporting Personalised and Distance Learning across Europe with new technologies. 17 June

Poonam Singh - Nee Nigam (Participant)
17 Jun 2021

Greater Resourcefulness in yourself & others: Personal Development course 15 June

Poonam Singh - Nee Nigam (Participant)
15 Jun 2021

The Digital Examinations Forum 2021 Improving Student Experience with e-assessment , University of Bath & Inspira Team, 15-24 June

Poonam Singh - Nee Nigam (Participant)
15 Jun 2021 → 24 Jun 2021

University Impact Forum 2021 Times Higher Education (THE): Quality Education 14 June

Poonam Singh - Nee Nigam (Participant)
14 Jun 2021

Rethinking the Student Experience: Increasing access with secure, integrated campuses for a new type of student experience-Times Higher Education (THE) 8 June

Poonam Singh - Nee Nigam (Participant)
8 Jun 2021

European Universities Summit: New horizons for European higher education - Times Higher Education (THE) 26-27 May

Poonam Singh - Nee Nigam (Participant)
26 May 2021 → 27 May 2021

Scaling Skills Education with High-quality Digital Learning - Times Higher Education (THE) May 13

Poonam Singh - Nee Nigam (Participant)
13 May 2021

Turning the tide of research metrics: overcoming misuses and abuses with new tools for best practice: Times Higher Education (THE) April 28

Poonam Singh - Nee Nigam (Participant)
28 Apr 2021

British Council: Communicating-across-Cultures. April-May 4-week online-course

Poonam Singh - Nee Nigam (Participant)
19 Apr 2021 → 10 May 2021

Invited Speaker at International Conference on Biotechnology for Sustainable Agriculture, Environment and Health (BSAEH-2021), Certificate of presentation

Poonam Singh - Nee Nigam (Speaker)
7 Apr 2021

Mentor in UKIERI (UK-India Education & Research Initiative) HELD (Higher Education Leadership Development) Programme, with Higher Education Academy, Advance Education-UK, University Grants Commission and British Council in India.

Poonam Singh - Nee Nigam (Participant)
1 Feb 2021 → 26 Mar 2021

Invited participant in "A Global Summit of Resident & Overseas Indian Scientists and Academicians -VAIBHAV (Vaishwik Bharatiya Vaigyanik) India, 2020 Oct 2-31 Online. Thanks by Indian Prime Minister on Non-Resident Indian Day Jan 2021 <https://twitter.com/SummitVaibhav/status/1348510595260112896>

Poonam Singh - Nee Nigam (Consultant)
2 Oct 2020 → 31 Oct 2020

Appointed as Adjunct Professor Biotechnology, VIT Bhopal University

Poonam Singh - Nee Nigam (Consultant)
27 Feb 2020 → 2025

Invited Awardee-Science Category at Ministry of External Affairs India, Republic Day, pics

Poonam Singh - Nee Nigam (Visiting researcher)
25 Jan 2020 → 28 Jan 2020

Examiner PhD Flinders University, Australia - "Screening and evaluating enzymes produced by actinobacteria growing on seaweed and their bioproducts"

Poonam Singh - Nee Nigam (Examiner)
2020 → ...

Examiner PhD University, Faisalabad "Phenolic Profile and Biological Activities of Some Species of Zygothrixaceae"

Poonam Singh - Nee Nigam (Examiner)
2020 → ...

Examiner PhD - University of Borås, Sweden "Anaerobic Digestion of Industrial effluents..."

Poonam Singh - Nee Nigam (Examiner)
2020 → ...

Invited Speaker at International Symposium on Microbial Technologies, pic

Poonam Singh - Nee Nigam (Speaker)
15 Nov 2019 → 18 Nov 2019

Invited Speaker at "Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health"

Poonam Singh - Nee Nigam (Speaker)
15 Nov 2019

Academic Peer Reviewer for the UK-India Education & Research Initiative (UKIERI) workshop proposals 2019-2020

Poonam Singh - Nee Nigam (Consultant)
Oct 2019 → Dec 2020

Peer Reviewer for the Scientific Research Department of Fondazione CARIPLO, Italy for Research Projects, for proposals submitted under Call "Circular Economy for a sustainable future"; www.fondazioneCARIPLO.it

Poonam Singh - Nee Nigam (Consultant)
22 Jun 2019 → 4 Oct 2019

UKIERI (UK-India Education & Research Initiative) Peer Reviewer of Grant Proposals for strand three of the UKIERI E-Partnership and Research Incubation.2019 for Universities UK, London

Poonam Singh - Nee Nigam (Consultant)
28 Feb 2019

Examiner PhD Deakin University, Australia "Development of non-hydrolytic oxidative proteins for enhancement in saccharification of lignocellulosic biomass".

Poonam Singh - Nee Nigam (Examiner)

2019 → ...

Examiner PhD Govt College University, Faisalabad, "Design, Development And Evaluation Of Nano-formulations On Green Matrix For Sustained Drug Release In Cancer Therapy"

Poonam Singh - Nee Nigam (Examiner)

2019 → ...

Examiner PhD Kalinga Institute of Industrial Technology, India "A Comprehensive Study on Various Activities and Biotechnological Applications of Novel Pseudomonas Aeruginosa 6A (bc4)"

Poonam Singh - Nee Nigam (Examiner)

2019 → ...

Examiner PhD University of Pune, India "Biocontrol of Pomegranate Bacterial Blight Using Bacteriophages"

Poonam Singh - Nee Nigam (Examiner)

2019 → ...

Invited Speaker and Chairperson from UK (with Flag display of Invited speakers), at International Symposium Microbial technology, pic

Poonam Singh - Nee Nigam (Participant)

2019

Reviewer of Reference Book-Elsevier "Emerging Technologies & Biological systems for biogas upgrading and methane enrichment" (Publisher)

Poonam Singh - Nee Nigam (Reviewer)

2019 → ...

Loulouda Bosnea

Poonam Singh - Nee Nigam (Host)

14 Jul 2018

ERASMUS Mobility Visit Paris Biotech IONIS Education Group, pics

Poonam Singh - Nee Nigam (Visiting researcher)

25 Jun 2018

Visiting Academic at Nanyang Tech University, Singapore, Food Science Technology Department, pics

Poonam Singh - Nee Nigam (Visiting researcher)

8 May 2018

Visiting Academic at The University of Hong Kong, School of Biological Sciences, pics

Poonam Singh - Nee Nigam (Visiting researcher)

6 May 2018 → 7 May 2020

Visiting Mushroom Research Group & SME-Mushroom, Malaysia , pic

Poonam Singh - Nee Nigam (Visiting researcher)

6 May 2018

Attending exhibition stand of Higher Education Academy (Advance-HE) as Senior Fellow at British Council "Going Global-2018" at Kuala Lumpur, Picture

Poonam Singh - Nee Nigam (Participant)

4 May 2018

Interaction with Commonwealth Universities delegates at British Council event "Going Global-2018" at Kuala Lumpur.
Poonam Singh - Nee Nigam (Participant)
4 May 2018

Attending a session sponsored by Association of Common Wealth Universities at British Council "Going Global-2018" at Kuala Lumpur. Picture
Poonam Singh - Nee Nigam (Participant)
3 May 2018

Delegation World Access to Higher Education Day, NCUK International Consortium, Kuala Lumpur, 6 Pictures
Poonam Singh - Nee Nigam (Visiting researcher)
3 May 2018

Networking session with commonwealth Universities delegates at British Council event "Going Global-2018" at Kuala Lumpur.
Poonam Singh - Nee Nigam (Participant)
3 May 2018

Networking session with commonwealth Universities delegates at British Council event "Going Global-2018" at Kuala Lumpur, pic
Poonam Singh - Nee Nigam (Participant)
3 May 2018

Networking session with commonwealth Universities delegates at British Council "Going Global-2018" at Kuala Lumpur.
Poonam Singh - Nee Nigam (Participant)
3 May 2018

Networking with commonwealth Universities delegates at British Council event "Going Global-2018" at Kuala Lumpur. Picture
Poonam Singh - Nee Nigam (Participant)
3 May 2018

3 Bursary awardees, winner of a competition open for 52 Commonwealth countries, sponsored by the Association of Common Wealth Universities to delegate in British Council "Going Global-2018" at Kuala Lumpur. Picture
Poonam Singh - Nee Nigam (Participant)
2 May 2018

British Council event "Going-Global-2018" participation sponsored by Association of Commonwealth Universities (ACU,UK) Pictures of Exhibition
Poonam Singh - Nee Nigam (Participant)
2 May 2018 → 6 May 2018

British Council Fringe events-1. Visit to Ministry of Education at Putrajaya, Malaysia; 2. University of Heriot-Watt Malaysia Campus, pics
Poonam Singh - Nee Nigam (Visiting researcher)
2 May 2018 → 6 May 2018

British Council Fringe event Visit to University of Malaya, pic
Poonam Singh - Nee Nigam (Visiting researcher)
2 May 2018 → 5 May 2018

"Global connections, local impact" International cooperation in Higher Education academic and Research, British Council "Going Global-2018", : International Convention Centre, Kuala Lumpur Malaysia, May 2-6
Poonam Singh - Nee Nigam (Participant)
2 May 2018 → 6 May 2018

Picture as a delegate sponsored by Association of Common Wealth Universities at British Council "Going Global-2018" at Kuala Lumpur.

Poonam Singh - Nee Nigam (Participant)
2 May 2018

Visiting THE -Times Higher Education stand at British Council event "Going Global-2018" at Kuala Lumpur. Picture

Poonam Singh - Nee Nigam (Participant)
2 May 2018 → 4 May 2018

Examiner PhD Athlone Institute of Technology Ireland, "Development of metal based antimicrobial polyamide 11 composites for medical application"

Poonam Singh - Nee Nigam (Examiner)
2018 → ...

Examiner PhD Govt College University, Faisalabad, "Prevalence of ticks and tick-borne pathogens..."

Poonam Singh - Nee Nigam (Examiner)
2018 → ...

Reviewer of textbook Cambridge University Press, "Principles of Biotechnology" (Publisher)

Poonam Singh - Nee Nigam (Reviewer)
2018 → ...

Invited Speaker & Chairperson at Convention of Association of Microbiologists, BB Ambedkar University

Poonam Singh - Nee Nigam (Participant)
17 Nov 2017 → 19 Nov 2017

Memento for Invited talk & Chairperson at Convention of Association of Microbiologists, BB Ambedkar University, Picture

Poonam Singh - Nee Nigam (Participant)
16 Nov 2017 → 19 Nov 2017

Invited Speaker at 58th Annual Conference of Association of Microbiologists of India & International Symposium

Poonam Singh - Nee Nigam (Speaker)
15 Nov 2017

Examiner PhD "Characterisation and biological activities of essential oils from some Myrtaceae species" Govt College University, Faisalabad,

Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD Deakin University, Australia "Ethanol production by novel thermophilic anaerobic isolate/s via consolidated bioprocessing".

Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD Deakin University, Australia, "Functional characterization of a novel ribosome inactivating protein from Momordica species"

Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD "Integrated strategies for the control and prevention ofvectors" , Govt College University, Faisalabad

Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD "Probing the efficiency of biological and biomagnetic seeds treatment upon vigour & metabolism of Momordica charantia" , Govt College University,
Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD "Studies on molecular determinants of stem rust in wheat Triticum aestivum", Govt College University
Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Examiner PhD University of Agriculture, Faisalabad, "Exploration of medicinal plants potential for"
Poonam Singh - Nee Nigam (Examiner)
2017 → ...

Chairperson at Centre of Innovative & Applied Bioprocessing, Knowledge City, Mohali, pic
Poonam Singh - Nee Nigam (Participant)
16 Dec 2016

Invited Speaker & Chairperson at Centre of Innovative & Applied Bioprocessing, Knowledge City, Mohali, pic
Poonam Singh - Nee Nigam (Visiting researcher)
15 Dec 2016 → 18 Dec 2016

Invited talk at Centre of Innovative Bioprocessing, Knowledge City, Mohali, pic
Poonam Singh - Nee Nigam (Speaker)
15 Dec 2016 → 16 Dec 2016

Memento for Invited talk & Chairperson at Centre of Innovative & Applied Bioprocessing, Knowledge City, Mohali, Picture
Poonam Singh - Nee Nigam (Participant)
15 Dec 2016

Invited Speaker & Chairperson at Bioprocessing India-2016: Sustainable Bioprocessing Products for Food, Nutrition, Health and Environment, Centre of Innovative and Applied Bioprocessing, Knowledge City, Mohali, India
Poonam Singh - Nee Nigam (Speaker)
4 Dec 2016

Memento for Chairing a session at International Conference for Society of Environmental Protection...
Poonam Singh - Nee Nigam (Participant)
4 Dec 2016

Invited Speaker & Chairperson at International Conference on Strategies for Environmental Protection and Management, Jawaharlal Nehru University Delhi, Biotech Research Society
Poonam Singh - Nee Nigam (Speaker)
2 Dec 2016

Memento for invited talk in International Society Symposium of Environmental Protection & management, pic
Poonam Singh - Nee Nigam (Speaker)
Dec 2016

Invited Speaker, Chairperson at International conference on Current trends in Biotechnology ICCB-201, Vellore Institute of Technology
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2016

Invited Talk at Annual Convention of Biotechnology Research Society, Vellore Institute of Technology, University, Picture
Poonam Singh - Nee Nigam (Speaker)
Nov 2016

Invited talk on Greek Collaboration Research presented in conference at Vellore Institute of Technology, Vellore University, Picture

Poonam Singh - Nee Nigam (Speaker)
Nov 2016

Presentation to delegation of Brazilian Universities on Biotechnology Teaching & Research

Poonam Singh - Nee Nigam (Participant)
Jun 2016

Presentation to Delegation of Brazilian Universities on Biotechnology Teaching & Research

Poonam Singh - Nee Nigam (Participant)
Jun 2016

Examiner PhD "Chemical composition, biological and pharmaceutical potential of essential oils from Native medicinal plants." University of Agriculture, Faisalabad

Poonam Singh - Nee Nigam (Examiner)
2016 → ...

Examiner PhD "Pharmaceutical activities in locally grown plants" University of Agriculture, Faisalabad

Poonam Singh - Nee Nigam (Examiner)
2016 → ...

Examiner PhD "Production of biofuels from seaweeds followed by the generation of bioelectricity from industrial wastewater". Federal University of Arts, Science & Technology, Karachi.

Poonam Singh - Nee Nigam (Examiner)
2016 → ...

Examiner PhD University of Malaya, Kuala Lumpur, Malaysia "Purification Characterisation and mode of action of plantaricin K25 produced by Lactobacillus plantarum".

Poonam Singh - Nee Nigam (Examiner)
2016 → ...

External Advisor Panel member at Liverpool John Moores University for Revalidation of MSc Industrial Biotechnology

Poonam Singh - Nee Nigam (Visiting researcher)
2016 → ...

Judging Research posters of PhD delegates at International Conference, Picture

Poonam Singh - Nee Nigam (Participant)
2016

Memento for chairperson at Conference Bioprocessing-2016 Centre of Innovative & Applied Bioprocessing, Knowledge City, Mohali, pic

Poonam Singh - Nee Nigam (Participant)
2016

Chairperson, Invited talk, member of International Scientific-Organizing committee, at XII Convention of Biotech Research Society "New Horizons in Biotechnology" pics

Poonam Singh - Nee Nigam (Participant)
28 Nov 2015

Invited Speaker at First International conference on advances in food science and technology, Institute of macromolecular science & engineering, Kerala India and Ayurveda und Venen klinik, Klagenfurt, Austria

Poonam Singh - Nee Nigam (Speaker)
28 Nov 2015

Presentation at International conference on New Horizons in Biotechnology & XII Annual Convention of The Biotechnology Research Society

Poonam Singh - Nee Nigam (Speaker)
28 Nov 2015

Judging Research Posters at Biotechnology Conference

Poonam Singh - Nee Nigam (Participant)
27 Nov 2015

International conference on New Horizons in Biotechnology & XII Annual Convention of The Biotechnology Research Society

Poonam Singh - Nee Nigam (Speaker)
22 Nov 2015

Invited Talk at International Conference Biotech Research Society

Poonam Singh - Nee Nigam (Speaker)
Nov 2015

Overseas recruitment Presentation at AMITY University, Rajasthan to Bioscience UG students

Poonam Singh - Nee Nigam (Participant)
Nov 2015

PhD Examiner at University of Boras, Sweden, Project Environmental biotechnology with Industry, pics

Poonam Singh - Nee Nigam (Visiting researcher)
Nov 2015

Plenary talk at International Biotechnology Conference New Horizon, Picture

Poonam Singh - Nee Nigam (Speaker)
Nov 2015

Presentation-Overseas Recruitment at AMITY Manesar Haryana; Invited Talk to Researchers pics.

Poonam Singh - Nee Nigam (Participant)
Nov 2015

I Portokalakis

Poonam Singh - Nee Nigam (Host)
15 Sep 2015 → 30 Sep 2016

Tutor at Bioengineering Downstream Processing course, at Rheine-Waal University of Applied Sciences, Kleve Hochschule, pic

Poonam Singh - Nee Nigam (Visiting researcher)
1 Feb 2015 → 30 Jun 2015

Visiting Academic Bioengineering Downstream Processing course, at Rheine-Waal University of Applied Sciences, Kleve Hochschule, pic

Poonam Singh - Nee Nigam (Visiting researcher)
1 Feb 2015 → 30 Jun 2015

Visiting Academic Bioengineering Downstream Processing course, at Rheine-Waal University of Applied Sciences, Kleve Hochschule, pic2

Poonam Singh - Nee Nigam (Visiting researcher)
1 Feb 2015 → 30 Jun 2015

Elsevier-Guest Editor special issue Bioresource Technology vol 188 "Emerging Trends in Biotechnology (External organisation)

Poonam Singh - Nee Nigam (Chair)

2015 → ...

Examiner PhD "Biochemical and nutraceutical analysis of commercial and wild mushrooms" University of Agriculture, Faisalabad

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD "Chemical composition, biological and pharmaceutical potential of essential oils from native medicinal plants" University of Agriculture, Faisalabad

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD Deakin University, Australia "Fermentation of omega-3 and carotenoid producing marine microorganisms"

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD "Determination of Neonicotinoids in selected fruits and vegetables & their impact on nutritional attributes" University of Agriculture, Faisalabad

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD "Pharmacokinetics and bioequivalence of cefixime in healthy male and female volunteers" Institute of Pharmacy, Physiology & Pharmacology, PK

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD Plymouth University, UK "Deoxynivalenol: Toxicological profile & potential for reducing cereal grain contamination using bacterial additives in fermented animal feed"

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Examiner PhD University of Borås and Swedish Centre for Resource Recovery, Sweden "Edible Filamentous Fungi-based bio-refineries".

Poonam Singh - Nee Nigam (Examiner)

2015 → ...

Guest Editor BioMed Research International: Special Issue "Stress Biology and Biotechnology of Microorganism" (External organisation)

Poonam Singh - Nee Nigam (Chair)

2015 → ...

Guest Editor Elsevier Conference Proceedings published in Journal-Bioresource Technology-Special Issue on: International Conference on "Emerging Trends in Biotechnology" (Publisher)

Poonam Singh - Nee Nigam (Reviewer)

2015 → ...

Guest Editor Elsevier for Conference Proceedings published in Journal Biochemical Engineering-Special Issue on "Emerging Trends in Industrial Biotechnology (Publisher)

Poonam Singh - Nee Nigam (Reviewer)

2015 → ...

Guest Editor Journal Bentham Science Current Biotechnology, special Issue "Bioconversion of agro-industrial wastes for economical use" (External organisation)

Poonam Singh - Nee Nigam (Chair)
2015 → ...

Invited talk "A novel Food wastes biorefinery concept for simultaneous production of succinic, lactic, citric acids and ethanol using two layers composite biocatalysts" at International Conf on Emerging Trends in Biotechnology, XI Convention Biotechnology Research Society

Poonam Singh - Nee Nigam (Speaker)
8 Dec 2014

Invited Talk "Technological properties of lactobacillus isolated from traditional dairy products". International Conf on Emerging Trends in Biotechnology, XI Convention Biotechnology Research Society

Poonam Singh - Nee Nigam (Speaker)
8 Dec 2014

Presenting Memento to speakers at International Conf. Emerging Trends in Biotechnology, Pic

Poonam Singh - Nee Nigam (Participant)
9 Nov 2014

Presenting Memento to speakers at International Conf. Emerging Trends in Biotechnology,Picture

Poonam Singh - Nee Nigam (Participant)
9 Nov 2014

Receiving Memento for chairing a session at International Conf. Emerging Trends in Biotechnology, Picture

Poonam Singh - Nee Nigam (Participant)
9 Nov 2014

Chairing a session at International Conf. Emerging Trends in Biotechnology, Picture

Poonam Singh - Nee Nigam (Participant)
6 Nov 2014

Invited speaker at Convention Centre International Conf. Emerging Trends in Biotechnology

Poonam Singh - Nee Nigam (Visiting researcher)
6 Nov 2014 → 9 Nov 2014

Invited speaker at International Conf. Emerging Trends in Biotechnology, Presenting Greek Collaboration Project work, Picture

Poonam Singh - Nee Nigam (Participant)
6 Nov 2014 → 9 Nov 2014

Chairing award session for best posters & oral presentation at International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering, Picture

Poonam Singh - Nee Nigam (Participant)
31 Oct 2014

Invited Talk & Chairperson at Intl Conference Biotechnology & Bioengineering (ICBB 2014), Dubai International Academic City, Birla Instt of Technology & Science

Poonam Singh - Nee Nigam (Speaker)
31 Oct 2014

Plenary speaker at International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering, Picture

Poonam Singh - Nee Nigam (Participant)
31 Oct 2014

Presenting award to best oral presenter at International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering, Picture
Poonam Singh - Nee Nigam (Participant)
31 Oct 2014

Invited speaker at International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering, pic
Poonam Singh - Nee Nigam (Visiting researcher)
29 Oct 2014 → 30 Oct 2014

Visiting International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering
Poonam Singh - Nee Nigam (Visiting researcher)
29 Oct 2014 → 30 Oct 2014

Visiting International Academic city, Dubai, BITS Pilani campus, Conference Biotechnology Bioengineering, pic
Poonam Singh - Nee Nigam (Visiting researcher)
29 Oct 2014 → 30 Oct 2014

Presentation at 10th European Symposium on Biochemical Engineering Sciences (10th ESBES), & 6th International Forum of Industrial Bioprocesses, University of Lille, France on "Bioconversion of Food-Waste Mixtures for Single Cell Protein, Yeast Extract, Flavour Compounds and Fat Production in a Biorefinery Manner".
Poonam Singh - Nee Nigam (Speaker)
5 Aug 2014

Plenary Talk on Modification of biocatalysts for their efficient re-use to perform economical & practical bio-processes 6th International Forum of Industrial Bioprocesses (6th IFIBiop), University of Lille, France.
Poonam Singh - Nee Nigam (Speaker)
4 Aug 2014

Editorial Board member J. Current Biotechnology- Bentham Science Publishers (External organisation)
Poonam Singh - Nee Nigam (Chair)
2014 → 2022

Examiner PhD "Antioxidant and antimicrobial activities of selected plants of pothohar plateau" University of Agriculture, PK "Antioxidant and antimicrobial activities of selected plants of pothohar plateau" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Antioxidant and antimicrobial properties and phenolic composition of selected species of Capparis " University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Biochemical Profiling and synergistic potential of medicinal plants as hepatoprotective" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Epidemiology of cervical cancer and antigenotoxic activity of green tea on cervical cancer cells" Avinashilingam University, Coimbatore, India.
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Investigation on the antioxidant and antimutagenic potential of selected indigenous medicinal plants" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "In vitro and in vivo toxicological study of selected medicinal plants" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Medicinal plants....." Bharathiar University Coimbatore, India
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Modification and characterization of wild and commercial gums for the pharmaceutical potential" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Optimization of Enzyme-assisted Extraction Protocol for Recovery of Potent Phenolic Antioxidants from Agro-processing Wastes". University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD "Production and characterization of Bacteriocins from Lactic acid bacteria" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Examiner PhD University of Manchester, UK joint with Malaysian Agricultural Research Development Institute (MARDI) Government of Malaysia "Design Aspects of Solid State Fermentation"
Poonam Singh - Nee Nigam (Examiner)
2014 → ...

Reviewer of Biotechnology Reference Book - Springer "Green Fuels Technology: Biofuels" (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2014 → ...

Reviewer of Book - Elsevier "Biotechnology in Food and Beverages Industry" (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2014 → ...

Reviewer of Book Taylor & Francis- "Microbial Technology: Progress and Trends" (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2014 → ...

Reviewer of Elsevier Reference Book "Life-Cycle Assessment of Bio-refineries" (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2014 → ...

Invited Speaker "Solid orange waste as yeast immobilization support in brewing and for yeast extract production for industrial cell growth media", & Chairperson at International Conference on Advances in Biotechnology & Bioinformatics; X Convention Biotechnology Research Society, Biotechnology & Bioinformatics Institute, DYPatil Vidyapeeth Pune, India
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2013

Oral presentation "Studies on viability and technological properties of lactobacillus isolated from traditional Greek dairy products", International Conference on Advances in Biotechnology & Bioinformatics; 10th Convention Biotechnology Research Society
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2013

Plenary talk at Platinum Jubilee Celebration of Association of Microbiologists of India (AMI) & 54th Annual Convention of AMI, Biosynthesis of a Pharmaceutically important antioxidant-Glutathione using Microbial cultures,
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2013

"Improvement of microbial fat production by *Lipomyces starkeyi* entrapped in tubular cellulose", International Conference on Health, Environment and Industrial Biotechnology (BioSangam-2013) Allahabad University India
Poonam Singh - Nee Nigam (Speaker)
13 Nov 2013

Poster at The Society for General Microbiology Irish Division Autumn Meeting Gut Microbes-Friend, or Foe, "Novel Approaches for production and downstream processing of glutathione from microbial sources" by Chalil S, Das AJ, Nigam P
Poonam Singh - Nee Nigam (Speaker)
Aug 2013

Poster at The Society for General Microbiology Irish Division Autumn Meeting-Gut Microbes-Friend, or Foe "The study of encapsulated and entrapped yeast for bioethanol production" by Nigam P, Kapaklis A, Tataridis P, Nerantzis E, Voulgaris I
Poonam Singh - Nee Nigam (Speaker)
Aug 2013

Examiner PhD "Analysis of medicinal and chemical properties of honeys collected from some selected locations of Pakistan" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2013 → ...

Examiner PhD "Analytical characterisation of lipids and antioxidant components in Flaxseeds (*Linum usitatissimum*)" University of Agriculture
Poonam Singh - Nee Nigam (Examiner)
2013 → ...

Examiner PhD "Characterization of dextran-sucrase and dextran from *W. cibaria* and in vitro analysis of dextran as Prebiotic", Institute of Technology, Guwahati
Poonam Singh - Nee Nigam (Examiner)
2013 → ...

Examiner PhD "Effect of Natural Growth Promoters on the Nutritive quality and antioxidant attributes on leafy green vegetables" University of Agriculture, PK
Poonam Singh - Nee Nigam (Examiner)
2013 → ...

Examiner PhD Ulster University "The identification and characterisation of *Salmonella enterica* subspecies *enterica* serovars that exist in Pigs and Pork in Northern Ireland"
Poonam Singh - Nee Nigam (Examiner)
2013 → ...

Presentation at 8th Asian Conference for information technology in Agriculture, Taipei, Taiwan, AFITA/WCCA 2012, by Ganatsios V, Koutinas AA, Bekatorou A, Kanellaki M, Nigam P "Production of *Agaricus bisporus* Mushroom using mixture of food wastes in submerged and solid state fermentation - Evaluation of Nutritional value and yeast extract".
Poonam Singh - Nee Nigam (Speaker)
12 Jul 2012

"India-UK Skills & Training Partnership" Event, Organised by High Commission of India in London, for Indian Vice Chancellors & their representatives, meeting with UK HEI-academics
Poonam Singh - Nee Nigam (Participant)

28 May 2012

Visit to Agri-Food & Biosciences Institute Hillsborough N. Ireland, picture

Poonam Singh - Nee Nigam (Visiting researcher)

2012

International Conf. New Horizons in Biotechnology, Annual Conference Biotechnology Research Society. by Ganatsios V, Koutinas AA, Bekatorou A, Kanellaki M, Nigam P Promotion of maltose fermentation at extremely low temperatures by yeast immobilised on nano and micro-tubular cellulose.

Poonam Singh - Nee Nigam (Speaker)

28 Nov 2011

Invited talk at International Conf New Horizons in Biotechnology by V, Koutinas AA, Bekatorou A, Kanellaki M, Nigam P "Promotion of maltose fermentation at extremely low temperatures by yeast immobilised on nano and micro-tubular cellulose".

Poonam Singh - Nee Nigam (Speaker)

28 Nov 2011

Invited talk and Chairperson at Annual Convention of Biotech Research Society

Poonam Singh - Nee Nigam (Speaker)

23 Nov 2011

Invited Talk at New Horizon Biotechnology

Poonam Singh - Nee Nigam (Speaker)

22 Nov 2011

Invited Talk at International Biotechnology Conference, Council of Scientific & Industrial Research, Picture

Poonam Singh - Nee Nigam (Speaker)

Nov 2011

invited talk "Production and downstream processing of glutathione from microbial sources". In: International conference on New Horizons in Biotechnology & 8th annual convention of the Biotech Research society

Poonam Singh - Nee Nigam (Speaker)

Nov 2011 → ...

Invited talk at Curitiba, Brazil University of Parana, International Congress in Bioprocesses in the Food Industries, "Nano-Tubular Cellulose Structure As A Carrier For Food Nano-Biotechnology Development", presenter Koutinas AA, and team Bekatorou A, Kandyli P, Servetas I, Li X, Nigam P

Poonam Singh - Nee Nigam (Speaker)

5 Oct 2010 → 8 Oct 2010

Invited talk on "Applied Biorefinery Concept in the Food Industry and Valorization of Liquid And Solid Wastes: Production of Single Cell Protein and Other Compounds". International Congress in Bioprocesses in the Food Industries (ICBF 2010), University of Parana Curitiba, Brazil. Presenter Nigam P and team Bekatorou A, Aggelopoulos T,

Poonam Singh - Nee Nigam (Speaker)

5 Oct 2010 → 8 Oct 2010

"Novel approaches of production & Downstream Processing of Glutathione from Microbial resources". International Congress in Bioprocesses in the Food Industries (ICBF), University of Parana Curitiba, Brazil Poster by P. Nigam and students Chalil S, Das AJ

Poonam Singh - Nee Nigam (Speaker)

5 Oct 2010 → 8 Oct 2010

Coeditor Book "Comprehensive Food Fermentation Biotechnology" with co-eds in Brazil, France, India (Publisher)

Poonam Singh - Nee Nigam (Reviewer)

2010 → ...

Examiner PhD "Studies on Microbial bio-preservatives to prolong shelf life of vegetables", University of Pune, India
Poonam Singh - Nee Nigam (Examiner)
2010 → ...

Peer Reviewer for Professional development of Higher Education Academic, Pic Certificate
Poonam Singh - Nee Nigam (Participant)
2010 → 2013

Invited talk "Biotechnological Utilisation of waste cereal grains and food industry by-products". In: Biospectrum-2009, International symposium on second green revolution: Priorities, programs, social & ethical issues, Mar Athanasios College for Advanced Studies, Tiruvalla Kerala, India. presenter P. Nigam and Team Bekatorou A, Aggelopoulo T
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2009

Reception for Directors of Shared MSc Food Biotechnology program from Greek Universities Ioannina & Patras, for 10 years of successful coordination of course, pics
Poonam Singh - Nee Nigam (Participant)
28 Oct 2009

Biotechnology Book Published as Editor, author Springer Publisher, pic (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2009

Editor & co-author Springer published Book- "Biotechnology for Agro-Industrial-Residues-Utilisation" (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2009 → ...

Editorial Board-Journal Biofuels, Bioproducts & Biorefining-Wiley InterScience (External organisation)
Poonam Singh - Nee Nigam (Chair)
2009 → 2022

Examiner PhD "Microbial decolourisation of textile dye effluent" Thapar University, India
Poonam Singh - Nee Nigam (Examiner)
2009 → ...

Examiner PhD Universidad de Cádiz Puerto Real, Spain "Reutilisation of grape pomace in Solid state fermentation for enzyme production"
Poonam Singh - Nee Nigam (Examiner)
2009 → ...

Invited talk "Biotechnological Exploitation of Brewery Solid Wastes". In: International Congress in Bioprocesses in the Food Industries (ICBF 2008), Osmania University Hyderabad, India. Presenter Nigam P, team Bekatorou A, Koutinas AA
Poonam Singh - Nee Nigam (Speaker)
Oct 2008

Poster "Bioremediation of wastewater from dye industry using fungi". In: British Ecological Society Annual Symposium 2008 on Ecology of Industrial Pollution: Remediation, Restoration and Preservation, Birmingham, UK British Ecological Society
Poonam Singh - Nee Nigam (Speaker)
8 Sep 2008 → 11 Sep 2008

Poster "Capability of some white-rot fungi to decolorize textile effluent". In: Annual meeting Society of General Microbiology Dublin, Republic of Ireland.
Poonam Singh - Nee Nigam (Speaker)
8 Sep 2008

"Transesterification of Non-edible Oils to Biodiesel". In: International Workshop on Biofuels Research & Development, at Calabria, Italy. ECI Conference USA presenter P. Nigam and student Kumar M
Poonam Singh - Nee Nigam (Speaker)
14 Aug 2008

Invited talk "Valorisation of Brewer's Solid Wastes through Microbial Treatment". In: International Conference: PRE9: Protection and Restoration of the Environment, Kefalonia, University of Patras, Stevens institute of Technology Greece, presented by Bekatorou A, Nigam P, Komatis M, Unyayar A
Poonam Singh - Nee Nigam (Speaker)
Jul 2008

Examiner PhD "Cloning expression & characterisation of alpha amylase of Bacillus subtilis" Madurai Kamaraj University, India
Poonam Singh - Nee Nigam (Examiner)
2008 → ...

Examiner PhD National University of Ireland, Maynooth, Ireland "Purification, Characterisation and heterologous expression of fungal xylanases"
Poonam Singh - Nee Nigam (Examiner)
2008 → ...

INNOVATION Award Winner Reception, Gala dinner, Higher Education Innovation fund for Academic Enterprise Initiatives for inter-faculties collaborative project.pics
Poonam Singh - Nee Nigam (Participant)
2008

invited talk "Studies on Encapsulated and entrapped yeast for Bioethanol production". In: Biospectrum 2007, International Symposium on Advances in Food Biotechnology & Nutrition, Mar Athanasios College for Advanced Studies Tiruvalla Kerala, India presenter Nigam P, Kapaklis A
Poonam Singh - Nee Nigam (Speaker)
30 Nov 2007

Trophy Guest of Honour at BIOSPECTRUM International Symp "Advances in Food Biotechnology & Nutrition", MAR ATHANASIOS College of Advanced Studies Tiruvalla (MACFAST), Kerala
Poonam Singh - Nee Nigam (Participant)
30 Nov 2007 → 1 Dec 2007

Invited speaker "Bioremediation of Textile waste water through solid-state fermentation systems". In: International conference on New Horizons in Biotechnology, Council of Scientific & Industrial Research, Trivandrum India.
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2007

Indian Press Delegation Reception at Ulster University UK by VC, PVC, International Office & 2 staff of Indian origin
Poonam Singh - Nee Nigam (Participant)
7 Nov 2007

Invited talk "Animal feed production by solid state fermentation of brewer's spent grains and malt spent rootlets with Aspergillus awamori, A. oryzae and Phanerochaete chrysosporium". 10th International Conference on Environment Science & Technology. Greece, Kos Island Greece presenter Bekatorou A, team Nigam P et al.
Poonam Singh - Nee Nigam (Speaker)
7 Sep 2007

Examiner PhD Marie Curie Manchester University, UK "Particulate Bioprocessing: a novel Process strategy for Biorefineries"
Poonam Singh - Nee Nigam (Examiner)

2007 → ...

Examiner PhD "Production, characterisation & application of alkaline xylanase from Aspergillus fischeri" , Madurai Kamaraj University, India

Poonam Singh - Nee Nigam (Examiner)

2007 → ...

Trans-National Education A Decade of collaboration-celebration Directors of Shared MSc Food Biotechnology program from Greek Universities Ioannina & Patras, pic of University Press

Poonam Singh - Nee Nigam (Participant)

6 Dec 2006

Invited talk delivered as a member of International Environmental-Biotechnology Society "A process for physical decolourisation of textile dyes and solid-state fermentation of dye-adsorbed agricultural residues". In: 8th Biennial International Conference on Environmental Biotechnology, 9-13 July, Centre for Environmental Research Leipzig-Halle, Germany

Poonam Singh - Nee Nigam (Speaker)

9 Jul 2006 → 13 Jul 2006

Organising committee member & Invited speaker XIII Biennial International Conference on Environmental Biotechnology, 9-13 July, Centre for Environmental Research Leipzig-Halle, Germany. Pic

Poonam Singh - Nee Nigam (Participant)

9 Jul 2006 → 13 Jul 2006

Invited talk "Comparative study of encapsulated and entrapped yeast for fermentation purposes", In: 2nd International Congress on Bioprocess in Food Industries; 18-21 June, Department of Chemistry University Patras, Greece. by Nigam P, MSc Biotech student Kapaklis A

Poonam Singh - Nee Nigam (Speaker)

18 Jun 2006 → 21 Jun 2006

Invited talk "Treatment of brewery spent grains by Aspergillus oryzae and A. awamori for animal feed production". In: 2nd International Congress in Bioprocesses in the Food Industries (ICBF 2006), University of Patras, Greece. presenter Bekatorou A, Kanellaki M, Nigam P

Poonam Singh - Nee Nigam (Speaker)

18 Jun 2006 → 21 Jun 2006

Examiner PhD "Microbial acidification & decolourisation of distillery effluent..." Pune University, India

Poonam Singh - Nee Nigam (Examiner)

2006 → ...

Examiner PhD "Production of L-Asparaginase enzyme....." Birla Institute of Technology, Ranchi, India

Poonam Singh - Nee Nigam (Examiner)

2006 → ...

As Associate Advisor-Biotechnology British Council: Consultation-visit to Mumbai, Delhi offices of British Council.

Poonam Singh - Nee Nigam (Visiting researcher)

Apr 2005 → ...

Exhibiting Journal Chemical Technology & Biotechnology as Editorial Board Member at International Conference, pic

Poonam Singh - Nee Nigam (Participant)

Apr 2005

Plenary Talk on Golden Jubilee celebration of Birla Institute of Technology, MESRA, Ranchi, India "Solid State Fermentation: Application in Environmental Biotechnology for Bioremediation.

Poonam Singh - Nee Nigam (Speaker)

17 Mar 2005 → 19 Mar 2005

Examiner PhD Wageningen University, Netherlands "Reductive Decolorisation of Dyes by Thermophilic Anaerobic Granular sludge"

Poonam Singh - Nee Nigam (Examiner)
2005 → ...

Trade Mission Invest Northern Ireland- Member of delegation visiting British council, HEI Delhi, Jaipur, Chennai India

Poonam Singh - Nee Nigam (Participant)
4 Nov 2004 → 15 Nov 2004

Visiting Osaka University UNESCO Biotechnology Centre, Pictures

Poonam Singh - Nee Nigam (Visiting researcher)
24 Oct 2004 → 29 Oct 2004

**Guest lectures as Invited academic "Bioremediation of textile-effluent using solid-state fermentation technology",
Biotechnology Department, Osaka University**

Poonam Singh - Nee Nigam (Speaker)
5 Oct 2004 → 6 Oct 2004

**Invited talk delivered as a member of International Environmental-Biotechnol Society, "A Clean Technology for
Deacylation of Racemic Ester of (Rs)-Propranolol Acetate in Aqueous-Organic Mixtures Catalysed by a Microbial Lipase".
In: 7th Biennial International Conference on Environmental Biotechnology, University of Illinois, Chicago, USA by Nigam P,
PhD researcher Reddivari M.**

Poonam Singh - Nee Nigam (Speaker)
18 Jun 2004 → 21 Jun 2004

Plenary Lecture University of Illinois, Chicago, Picture

Poonam Singh - Nee Nigam (Speaker)
Apr 2004

Organizing Committee member- International Environmental-Biotechnology Society, Chicago, Picture

Poonam Singh - Nee Nigam (Participant)
Mar 2004

**Royal Society "India-Day Celebration" London, Invited as British Indian scientist. Pic President Royal Society & Director
Gen Council of Scientific & Industrial Research India**

Poonam Singh - Nee Nigam (Participant)
18 Dec 2003

Trade Mission Invest Northern Ireland- Member of delegation visiting British council, HEI Mumbai, Delhi India

Poonam Singh - Nee Nigam (Participant)
Oct 2003 → ...

British Council Reception at Parliament N. Ireland for Chevening USA student with course director MSc Biotechnology

Poonam Singh - Nee Nigam (Participant)
Nov 2002

UNESCO funded researcher from Cameroon, 6 months supervision by me on Pharmaceutical Enzyme Biosynthesis. pic

Poonam Singh - Nee Nigam (Participant)
Oct 2002 → Apr 2003

**Chairperson in VI International Symposium on Environmental Biotechnology, & IV International Symp on Cleaner
Bioprocesses and Sustainable Development, Veracruz Mexico, pic certificate of contribution**

Poonam Singh - Nee Nigam (Participant)
9 Jun 2002 → 12 Jun 2002

Invited talk "Studies on development of a cleaner process for the treatment of textile-effluent". In: 6th Biennial International Symposium on Environmental Biotechnology; IV International Symposium on Cleaner Bioprocess and Sustainable Development, Veracruz, Mexico 9-12 June. by Nigam P (team) PhD Robinson T, Postdoc Chandran B, Poonam Singh - Nee Nigam (Speaker)
9 Jun 2002 → 12 Jun 2002

Organizing committee member, Chairperson, Speaker at International Environmental Biotechnology Symposium, Veracruz Mexico. Pics of committee members & delegates
Poonam Singh - Nee Nigam (Participant)
9 Jun 2002 → 12 Jun 2002

Topic Coordinator and a Member of The International Advisory Board in VI International Symposium on Environmental Biotechnology, & IV International Symp on Cleaner Bioprocesses and Sustainable Development, Veracruz Mexico, Pic certificate of contribution
Poonam Singh - Nee Nigam (Participant)
9 Jun 2002 → 12 Jun 2002

Organizing Committee Member at International Environmental Biotechnology Society, Veracruz Mexico, Picture
Poonam Singh - Nee Nigam (Participant)
Jun 2002

Examiner PhD Reading University, UK "Some aspects of the Risk from E. coli 0157 in Foods in Dubai"
Poonam Singh - Nee Nigam (Examiner)
2002 → ...

Examiner PhD "Studies on biosensing of phenol using potentiometric organic phase enzyme electrodes" Anna University, Chennai, India
Poonam Singh - Nee Nigam (Examiner)
2002 → ...

"Racemic resolution of proglumide using lipase from *Candida cylindraceae*". In: International conference on New Horizons in Biotechnology, RRL CSIR, Trivandrum, India. by Nigam P (PhD Muralidhar R, Chirumamilla RR)
Poonam Singh - Nee Nigam (Speaker)
28 Nov 2001

"Studies on fermentative production of chiral compounds for optically active pharmaceuticals". In: International conference on New Horizons in Biotechnology, RRL CSIR Trivandrum, India by Nigam P (PhD res Chirumamilla RR, Muralidhar R).
Poonam Singh - Nee Nigam (Speaker)
26 Nov 2001

"Improvement in lipase catalysed hydrolysis of racemic esters of (RS)-propranolol" Poster. In: XVI Enzyme Engineering Conference, EEC USA, at Potsdam, Germany. by Nigam P, PhD Muralidhar R.
Poonam Singh - Nee Nigam (Speaker)
Sep 2001

"Whey liquid waste of dairy industry as raw material for fermentation with the thermophilic *Kluyveromyces marxianus*".Poster at 7th International Conference on Environmental Science and Technology, University of the AEGEAN
Poonam Singh - Nee Nigam (Speaker)
Jun 2001

Sponsored by Royal Society UK Academy of Sciences, under Bilateral "International Exchange" Program to Indian National Science Academy (INSA) Delhi
Poonam Singh - Nee Nigam (Visiting researcher)
Mar 2001 → Apr 2001

Asiatech Publishers, Inc. (Publisher)
Poonam Singh - Nee Nigam (Reviewer)
2001 → ...

Biotechnology Postgraduates, Graduation Ceremony. Pics Overseas & Home students
Poonam Singh - Nee Nigam (Participant)
2000 → 2015

Graduation ceremony of my PhD, PG & UG students, pics
Poonam Singh - Nee Nigam (Participant)
2000 → 2019

Hosting Japanese students University's English & Culture 3-week summer program
Poonam Singh - Nee Nigam (Participant)
2000 → 2004

Journal of Chemical technology & Biotechnology – SCI London John Wiley (External organisation)
Poonam Singh - Nee Nigam (Chair)
2000 → 2012

Journal World Journal of Microbiology & Biotechnology – Kluwer Academic Publisher (External organisation)
Poonam Singh - Nee Nigam (Chair)
2000 → 2006

Examiner PhD University of Ulster, UK "Bioremediation of Textile Industry wastewater by white-rot fungi"
Poonam Singh - Nee Nigam (Examiner)
1999 → ...

Sponsored by Royal Society UK Academy of Sciences, under Bilateral "International Exchange" Program to Indian National Science Academy (INSA) Delhi and affiliated HEIs
Poonam Singh - Nee Nigam (Visiting researcher)
30 Nov 1997 → 15 Mar 1998

Invited talk "Microbial process for the decolorisation of textile dyes and effluent using mesophilic and thermophilic microbes". In: International Conference on Frontiers in Biotechnology 1997.
Poonam Singh - Nee Nigam (Speaker)
29 Nov 1997

Invited Talk "Ethanol production using thermotolerant/thermophilic yeast strains: potential future exploitation". In: International Conference on Frontiers in Biotechnology 26-29 Nov RRL CSIR, Trivandrum India.
Poonam Singh - Nee Nigam (Speaker)
26 Nov 1997 → 29 Nov 1997

Invited talk on "Microbial decolourisation and bioremediation of anaerobically digested molasses spentwash from methane producing effluent treatment plants". In: International Conference on Frontiers in Biotechnology CSIR, Trivandrum India
Poonam Singh - Nee Nigam (Speaker)
26 Nov 1997 → 29 Nov 1997

Examiner PhD "Production of Lactic acid from Lactic acid Bacteria" Haryana Agriculture University India
Poonam Singh - Nee Nigam (Examiner)
1997 → ...

Invited Talk "An investigation of the biodegradation of textile dyes by aerobic and anaerobic microorganisms". in Environmental Biotechnology-Principles and Applications. Annual convention Association of Microbiologists.

Poonam Singh - Nee Nigam (Speaker)
9 Feb 1996

Invited talk "Treatment and disposal of distillery effluents in India". in Annual convention of Association of Microbiologists Haryana Agricultural University, India, on "Environmental Biotechnology-Principles and Applications".

Poonam Singh - Nee Nigam (Speaker)
8 Feb 1996

Invited talk "Isolation of microorganisms for the bioremediation of anaerobically digested spent wash". In: National Symposium on Environmental Strategies for sustainable development, GB Agricultural University, Pantnagar, 1-3 Feb

Poonam Singh - Nee Nigam (Speaker)
1 Feb 1996 → 3 Feb 1996

Visit to Bio-methanation commercial production plant EC-Funded Project, at Associate Distillery, India pic

Poonam Singh - Nee Nigam (Visiting researcher)
18 Nov 1995

Invited talk "Decolorization of textile dyes by aerobic and anaerobic microorganisms". In: 35th Annual Meeting of Association of Microbiologists of India,

Poonam Singh - Nee Nigam (Speaker)
9 Nov 1995 → 11 Nov 1995

Poster "Intergeneric ethanol-producing hybrids of thermotolerant strains of Kluyvermyces and thermosensitive strains of Saccharomyces cerevisiae". In: 17th International Specialised Symposium on Yeasts, at Heriot Watt University, Edinburgh UK

Poonam Singh - Nee Nigam (Speaker)
27 Aug 1995 → 31 Aug 1995

Oral presentation "Methane Recovery from molasses based distillery effluents using an anaerobic digestion technology".

In: International Conference on Global Impacts of Applied Microbiology & Biotechnology, Copenhagen

Poonam Singh - Nee Nigam (Speaker)
5 Aug 1995 → 12 Aug 1995

Poster "Isolation and characterization of naphthalene utilizing microorganisms". In: Global Impacts of Applied Microbiology & Biotechnology, University of Copenhagen, Denmark. (Travel funded under Young Researcher award FEMS)

Poonam Singh - Nee Nigam (Speaker)
5 Aug 1995 → 12 Aug 1995

Ulster University (Organisational unit)

Poonam Singh - Nee Nigam (Chair)
30 Jun 1995 → 15 Aug 1996

Poster "An investigation of the biodegradation of textile dyes by aerobic and anaerobic microorganisms". In: International Symposium on Environmental Biotechnology, University of Waterloo, Canada

Poonam Singh - Nee Nigam (Speaker)
15 Jun 1994 → 21 Jun 1994

Poster "Facultatively anaerobic filamentous fungi isolated from prolonged enrichment culture on textile dyes". In: Irish Botanists' Meeting, Mar 29-31, 1994, Ulster University

Poonam Singh - Nee Nigam (Speaker)
29 Mar 1994 → 31 Mar 1994

Poster "Degradation of textile dyes by aerobic and anaerobic bacterial strains isolated from prolonged enrichment cultures". In: Biotechnology and Industry: Present & Future

Poonam Singh - Nee Nigam (Speaker)
28 Mar 1994 → 29 Mar 1994

Poster "Isolation and characterization of naphthalene utilizing microorganisms". In: Biotechnology and Industry: Present & Future, Mar 28-29, Ulster University

Poonam Singh - Nee Nigam (Speaker)

28 Mar 1994 → 29 Mar 1994

Poster "Optimization for higher ethanol production by strains of *Saccharomyces cerevisiae*. In: Meeting Biotechnology and Industry: Present and Future, Mar 28-29, 1994, Ulster University UK

Poonam Singh - Nee Nigam (Speaker)

28 Mar 1994 → 29 Mar 1994

Poster "Optimization for higher ethanol production by strains of *Saccharomyces cerevisiae*. In: Meeting Biotechnology and Industry: Present and Future, Mar 28-29, 1994, Ulster University UK

Poonam Singh - Nee Nigam (Speaker)

28 Mar 1994 → 29 Mar 1994

Poster "Treatment and disposal of distillery effluents in India". In: Meeting Biotechnology and Industry: Present & Future, Mar 28-29, 1994, Ulster University

Poonam Singh - Nee Nigam (Speaker)

28 Mar 1994 → 29 Mar 1994

Poster "Isolation and enrichment strategies for enhanced microbial enzyme production". In: Society for General Microbiology Irish Branch Symposium, 7-8 Jan 1994, Dublin City University.

Poonam Singh - Nee Nigam (Speaker)

7 Jan 1994 → 8 Jan 1994

Researcher associated (36 months) with 2 Industries-Fruit of the Loom, and Desmonds & Sons, Ireland

Poonam Singh - Nee Nigam (Participant)

Jan 1993 → May 1996

International Cooperation with Developing countries project funded by European Commission, Fermentation technology optimization for 2 Distilleries in India

Poonam Singh - Nee Nigam (Participant)

1993 → 1998

Poster "Mixed Culture Solid-State Fermentation of Sugarcane Bagasse For Feed Production". In: 52nd Annual Convention of The Sugar Technologists Association of India.

Poonam Singh - Nee Nigam (Speaker)

28 Oct 1990

Poster "Nutritional requirements of *Candida* strains in 1 & 2 stage-bioconversion processes of sugar beet pulp". In: 5th European Congress on Biotechnology, Technical University, Copenhagen, Denmark

Poonam Singh - Nee Nigam (Speaker)

15 Aug 1990

Randox funded 80-litre capacity Bioreactor for Biosynthesis of Diagnostic enzymes, 1. Salicylate hydroxylase, 2. Dihydro folate reductase, pics

Poonam Singh - Nee Nigam (Participant)

22 Jan 1990 → 30 Dec 1992

Oral Presentation "Mixed culture solid-state fermentation of bagasse for animal feed production". 52nd Annual Convention of Sugar Technologists Association 1989 October, National Sugar Institute, India.

Poonam Singh - Nee Nigam (Speaker)

28 Oct 1989

Poster "Studies on bioconversion of potato processing industry's starch residues into high protein feed". In: National Symposium on Impact of pollution in and from food industries & its management, at Central Food Technology Research Institute Mysore, India.

Poonam Singh - Nee Nigam (Speaker)

4 May 1989 → 5 May 1989

Poster "Studies on dairy effluent utilization in solid-state fermentation of bagasse for feed production". In: National Symposium on Impact of pollution in and from food industries & its management, at Central Food Technology Research Institute Mysore, India.

Poonam Singh - Nee Nigam (Speaker)

4 May 1989 → 5 May 1989

Poster "Influence of sugars on activity of cellulase system from two Basidiomycetes cultures". In: 29th Annual Convention of Association of Microbiologists of India, Feb 9-11

Poonam Singh - Nee Nigam (Speaker)

9 Feb 1989 → 11 Feb 1989

Poster Presentation "Study of some factors affecting bioconversion of whole bagasse into fungal biomass". 29th Annual Conference Association of Microbiologists of India, Feb 9-11. Association of Microbiologists, India

Poonam Singh - Nee Nigam (Speaker)

9 Feb 1989 → 11 Feb 1989

2-year Industrial placement Süddeutsche Zucker-AG (Largest Sugar Industry EU) Project: Process Optimization for the recycling of by-products Sugar beet pulp and molasses for animal feed production. Process Patented

Poonam Singh - Nee Nigam (Participant)

20 Dec 1985 → 30 Dec 1987

Poster "Solid-state cultivation of Basidiomycetes moulds on bagasse for improved animal feed- A case study. National Seminar on Bioenergy Information Resources, Society for Information Science Delhi, Aug 27-28, Bioenergy Society of India

Poonam Singh - Nee Nigam (Speaker)

27 Aug 1985 → 28 Aug 1985

Poster "Solid-state fermentation of Sugarcane Bagasse", 7th International Biotechnology Conference, Indian Institute of Technology Delhi

Poonam Singh - Nee Nigam (Speaker)

26 Feb 1984

Very First Oral Presentation "Utilization of sugarcane bagasse for Cellulolytic and Lignolytic enzyme production". In: National Symposium Microbial Energy: Production & Conservation, May 27-29, G. B. Agricultural University, Pantnagar, India

Poonam Singh - Nee Nigam (Speaker)

27 May 1983 → 29 May 1983

Research career as Doctoral, Postdoctoral, Professional, at Institutes in India, Germany, Northern Ireland, pics

Poonam Singh - Nee Nigam (Participant)

Jun 1981 → 2021

5-year Industrial placement at National Sugar Institute, The only sugar Research Institute in Asia Project: Processing of Sugarcane Bagasse & Molasses by-products from Experimental Sugar Factory, as Research-Associate & PhD researcher

Poonam Singh - Nee Nigam (Participant)

31 Jan 1981 → 20 Dec 1985

International Collaboration Research Projects with Industries, Academic & Research Institutes; National Projects

Poonam Singh - Nee Nigam (Consultant)

1981 → 2021

International Collaboration Research Projects with Industries, Academic & Research Institutes; National Projects
Poonam Singh - Nee Nigam (Participant)
1981 → 2021

Horizon Europe 2021 - Brokerage Event for Cluster-6, European Union Brussels. 9 July 2021
Poonam Singh - Nee Nigam (Participant)
9 Jul 2021

Researcher funded (36 months) by Randox Laboratories, Pharmaceutical Co. N. Ireland Project: Development of manufacturing process of Diagnostic Enzymes - Salicylate Hydroxylase, Dihydrofolate Reductase
Poonam Singh - Nee Nigam (Participant)
20 Jan 0190 → 30 Dec 1992

Prizes

5 years Junior & Senior Research Fellowships for Doctoral & Postdoctoral Research, awarded by Council of Scientific & Industrial Research, India
Singh - Nee Nigam, Poonam (Recipient), Jun 1981

Academic Enterprise Business Plan award-2012 Santander Universities Fund
Singh - Nee Nigam, Poonam (Recipient), 2012

Academic Enterprise Business Plan award 2013 from Santander Universities Fund, Enterprise in Biotechnology
Singh - Nee Nigam, Poonam (Recipient), 2013

Association of Commonwealth Universities Bursary 2018, newsletter Blog
Singh - Nee Nigam, Poonam (Recipient), Jun 2018

Awarded Fellow status & Life-Membership of Biotechnology Research Society
Singh - Nee Nigam, Poonam (Recipient), 30 Jun 2013

"Best Scientific Achievement of the Year" Ministry of Cuba (MINAZ) for Ref Book "Solid state fermentation in Biotechnology: Fundamentals and Applications", pic Ulster News
Singh - Nee Nigam, Poonam (Recipient), 2002

Book "Food Fermentation Biotechnology" launch at International Biotechnology conference in Brazil, Picture
Singh - Nee Nigam, Poonam (Recipient), 2010

"British-Indian Achiever" Award Birmingham UK- in Category Science & Technology, Finalist
Singh - Nee Nigam, Poonam (Recipient), 25 Jul 2019

Bursary-Association of commonwealth Universities UK, full Finance to delegate in British Council Going-Global 2018 in Kuala Lumpur Malaysia
Singh - Nee Nigam, Poonam (Recipient), 27 Feb 2018

Bursary for 24-month Postdoctoral Research in Germany under "Higher Studies Abroad" scheme of Ministry of Education Government of India
Singh - Nee Nigam, Poonam (Recipient), Dec 1985

Certificate from Times Higher Education for participation in THE (Times Higher Education) University Impact Forum: Quality Education
Singh - Nee Nigam, Poonam (Recipient), 14 Jun 2021

Certificate "Hind-Rattan " award on Republic Day of India at Ministry of External Affairs, Delhi for achievements in Science, Picture

Singh - Nee Nigam, Poonam (Recipient), 26 Jan 2020

Certificate Honor for chairing a session+ invited speaker at International Biotechnology conference, Brazil Picture

Singh - Nee Nigam, Poonam (Recipient), 2010

Certificate in recognition of the Review made for ELSEVIER-Journal, Amsterdam

Singh - Nee Nigam, Poonam (Recipient), Apr 2016

Certificate in the role of Independent External Expert in European Cooperation in Science & Technology COST EU Framework Program

Singh - Nee Nigam, Poonam (Recipient), 2017

"Certificate of Achievement" by British Council for completing course COMMUNICATION ACROSS CULTURES" 2021

Singh - Nee Nigam, Poonam (Recipient), 31 May 2021

Certificate of Outstanding Contribution in Reviewing by The Editors of ELSEVIER- Journal BIORESOURCE TECHNOLOGY, Amsterdam

Singh - Nee Nigam, Poonam (Recipient), Dec 2016

Certificate THE (Times Higher Education) for participation in "Scaling skills education with high-quality digital learning"

Singh - Nee Nigam, Poonam (Recipient), 13 May 2021

Citation Fellow Elect at Academy of Microbiological Sciences, Picture

Singh - Nee Nigam, Poonam (Recipient), 2019

Citation Fellow-Elect read by the Secretary of Academy of Microbiological Sciences, Picture

Singh - Nee Nigam, Poonam (Recipient), 16 Nov 2019

Cross-Faculty Innovation Awards, Winner for Project: "CENTRANS-Chemical Enzymatic Trans-esterification of Bio-oils to Bio-diesel" by Higher Education Innovation Academic Enterprise. Pic award program

Singh - Nee Nigam, Poonam (Recipient), 20 May 2008

DSc award News on Twitter by Doctoral College Ulster University, Picture

Singh - Nee Nigam, Poonam (Recipient), Jul 2020

DSc award Year-Book 2020 by Doctoral College Ulster University, Picture

Singh - Nee Nigam, Poonam (Recipient), Jul 2020

DSc Thesis Ulster University 2020, Picture

Singh - Nee Nigam, Poonam (Recipient), Jul 2020

Federation of European Microbiological Society-fund for 2-week specialized Laboratory-Training on "Continuous Cultivation of Microorganisms" at Czechoslovak Academy of Sciences, Prague, Czechoslovakia

Singh - Nee Nigam, Poonam (Recipient), Jul 1987

Fellow Elect at Biotechnology Research Society, Picture

Singh - Nee Nigam, Poonam (Recipient), 2013

Fellow Elect at International Forum of Industrial BioProcesses, Lille France, Picture
Singh - Nee Nigam, Poonam (Recipient), 2014

Fellow status & Life-Membership, Academy of Microbiological-Sciences
Singh - Nee Nigam, Poonam (Recipient), 27 Jun 2019

Fellow status & Life-Membership of International Forum on Industrial Bioprocesses, France
Singh - Nee Nigam, Poonam (Recipient), 4 Jun 2014

Fellow status & Life-Membership of Centre for Higher Education Research & Practice, UK
Singh - Nee Nigam, Poonam (Recipient), Jun 2014

Fellow status & Membership of Royal Society of Biology, UK
Singh - Nee Nigam, Poonam (Recipient), 26 Jun 2016

Global Inspirational Women Award (GIWA) 2022 by World Humanitarian Foundation, TRIDENT Communications, UK for Global achievements and Recognition in Science.
Singh - Nee Nigam, Poonam (Recipient), 29 Jan 2022

Gold Medal "Hind-Rattan " award on Republic Day of India at Ministry of External Affairs, Delhi, for achievements and contribution in Science
Singh - Nee Nigam, Poonam (Recipient), 26 Jan 2020

Honour Award by International Association of NRI 2020, invitation letter
Singh - Nee Nigam, Poonam (Recipient), 25 Jan 2020

"Innovation Award-HEIF" Higher Education Innovation - Academic Enterprise Initiatives, Trophy Picture
Singh - Nee Nigam, Poonam (Recipient), 2008

"Innovation Award-HEIF" Higher Education Innovation fund for Academic Enterprise Initiatives, for Inter-Faculties collaborative project.
Singh - Nee Nigam, Poonam (Recipient), 2008

Invited Lecture at 4th International Congress on Bioprocesses in Food Industry, University Parana, Brazil, Picture
Singh - Nee Nigam, Poonam (Recipient), 5 Oct 2010

Memento Chairperson International Conference Biotechnology, Picture
Singh - Nee Nigam, Poonam (Recipient), 2013

Memento for Plenary lecture & chairperson at International Environmental Biotechnology conference Mexico, Picture
Singh - Nee Nigam, Poonam (Recipient), Jun 2002

"Pin of India" award for achievements in Science, by Non Resident Indian Welfare Society India on Republic Day, Picture
Singh - Nee Nigam, Poonam (Recipient), 27 Jan 2020

"Pin of India" award for achievements in Science, by Non Resident Indian Welfare Society India on Republic Day, Picture Receiving
Singh - Nee Nigam, Poonam (Recipient), 27 Jan 2020

Senior-Fellow status & Life-Membership of Higher Education Academy, UK
Singh - Nee Nigam, Poonam (Recipient), Jan 2014

Sponsorship Higher Education Academy to delegate in celebration event for "100 years of Association of Commonwealth Universities", 4 pics

Singh - Nee Nigam, Poonam (Recipient), Nov 2015

"Success Stories Award" for Doctor of Science Degree 2020, by Lions International & Trident Communications UK, International Chamber of Media & Entertainment Industry. for achievements & Contribution in Microbial-Biotechnology - pics

Singh - Nee Nigam, Poonam (Recipient), 2 Aug 2020

Trophy Fellow elect award Academy of Microbiological Sciences, Picture

Singh - Nee Nigam, Poonam (Recipient), 2019

Trophy Guest Of Honor Invited Speaker at BIOSPECTRUM 2007 International Conference

Singh - Nee Nigam, Poonam (Recipient), 2007

Trophy Guest of Honour & Invited lecture at BIOSPECTRUM 2009, International Biotechnology Symposium

Singh - Nee Nigam, Poonam (Recipient), Nov 2009

Trophy Plenary lecture at Golden Jubilee Biotechnology Conference Birla Institute of Technology, Picture

Singh - Nee Nigam, Poonam (Recipient), 2005

UKIERI (UK-India Education & Research Initiative) as Senior Fellow Advance Education-UK, appointed as one of the UK-Mentor in HELD (Higher Education Leadership Development) Programme, with Higher Education Academy, Advance Education-UK with University Grants Commission and British Council in India.

Singh - Nee Nigam, Poonam (Recipient), Feb 2021

UNESCO-fund for 8-week International Training in Industrial Biotechnology at Gesellschafts für Biotechnologische Forschung, Braunschweig, Germany.

Singh - Nee Nigam, Poonam (Recipient), Aug 1992

"Young Researcher Award" from Federation of European Microbiological Society, for delegation at global Impacts of Applied Microbiology & Biotechnology, University of Copenhagen, Denmark

Singh - Nee Nigam, Poonam (Recipient), 5 Aug 1995

"Hind-Rattan" one of the Government of India's top Civilian awards received on Republic Day of India at Ministry of External-affairs, in category-Achievements in Science & Technology

Singh - Nee Nigam, Poonam (Recipient), 26 Jan 2020

Invited Lecture + Chairperson at International Conference, Brazil Picture

Singh - Nee Nigam, Poonam (Recipient), 2010

Awards

Student theses