

## Expert Talks/Visitors 2017-18

### PMSE

#### **Visitors in Department of Physics and Materials Science & Engineering in 2017-2018:**

1. Prof G W Dueck, Director, New Brunswick University, Department of Computer Science, New Brunswick University, Canada, visited department and delivered a talk.

Title: **“Efficient Realizations of CNOT gates in IBM's Quantum Computers”**

Date: 15-19, December, 2018

2. Dr. Somaditya Banerjee, Assistant Professor at Austin Peay University, USA, visited department and delivered a talk.

Title: **Physics in Colonial India through the lens of Satyendranath Bose, Meghnad Saha and C.V. Raman**

Date: 16-19, December, 2018

3. Dr. Abhishek Parakh, Department of Computer Science, University of Nebraska Omaha, USA, visited PMSE Department for the collaborative research work on 3/08/2018.

4. Dr. R. Srikanth, PPISR, Bangalore visited PMSE Department for the collaborative research work on 30.5/18.

5. Prof. K.L.Yadav, IIT Roorkee visited department and delivered a talk

Title: **Novel Functional Materials: For Green Energy**

Date: 23<sup>th</sup> May, 2018

6. Prof. Ganesh D. Sharma, Dean ( Research and Development), The LNMIIT (Deemed University), Jamdoli, Jaipur, India, visited department and delivered a talk

Title: **Recent advances in the organic solar cells based on fullerene and non-fullerene acceptors with low voltage loss and high power conversion efficiency**

Date: 13<sup>th</sup> April, 2018

7. Dr. Robert Bedington, Center for Quantum Technology), National University of Singapore) visited department and delivered a talk.

Title: **SpooQySats - Enabling space-based quantum key distribution with CubeSats**

Date: 5<sup>th</sup> January, 2018

8. Dr Amit Kumar Pal, Department of Physics, Swansea University, UK, visited department and delivered a talk.

Title: **Entanglement under noisy environments in quantum many-body systems**

Date: 5<sup>th</sup> January, 2018

## HSS

### Visitors in Department of Humanities & Social Sciences in 2017-2018

1. Prof Wayne Fallon, Western Sydney University visited the department and delivered a talk.  
Title: **International opportunities for future academic growth.**  
Date: August 18, 2017
2. Ankur Jain, Chief Knowledge Expert, TIMES visited the department and delivered a talk.  
Title: **Essay Writing and Improving Vocabulary**  
Date: September 13, 2017
3. Prof Bhanu Murthy, University of Delhi visited the department and delivered a talk.  
Title: **An Analysis of Global Financial Crisis.**  
Date: November 8, 2017
4. Prof Bhanu Murthy, University of Delhi visited the department and delivered a talk.  
Title: **An Analysis of Financial Markets.**  
Date: November 8, 2017
5. Professor Rajkumar, Department of English, Delhi University visited the department and delivered a talk.  
Title: **Contemporary Literature: Changes & Challenges**  
Date: November 10-11, 2017
6. Dr. Archana Shrivastava, Associate Professor, BIMTECH, Greater Noida visited the department and delivered a talk.  
Title: **Contemporary Literature: Changes & Challenges**  
Date: November 10-11, 2017
7. Mr Kunal Kishore, Head, Digital Operations of International Initiative for Impact Evolution (3ie) visited the department and delivered a talk.  
Title: **Customer Relationship Management through digital medium**  
Date: November 10-11, 2017
8. Ms Mona Singh, Masters Certification in Neuro Linguistic Programming visited the department and delivered a talk.  
Title: **Personal and Interpersonal Effectiveness**  
Date: November 14, 2017

9. Dr Arpan Kar, IIT-Delhi visited the department and delivered a talk.  
Title: **Unboxing Today's Consumers in A Global and Digital Age**  
Date: November 17-18, 2017
  
10. Mr. Mukesh Bindal, Vice President Engineering, R Systems International Ltd. Noida visited the department and delivered a talk.  
Title: **Employability Skills and Industry Expectations**  
Date: November 21, 2017
  
11. Mr. Manish Gupta, Senior Technical Manager and Product Owner, R Systems Intl. Ltd. Noida visited the department and delivered a talk.  
Title: **Employability Skills and Industry Expectations**  
Date: November 21, 2017
  
12. IES Mr Gaurav Kumar Jha, Deputy Director, Department of Economic Affairs, Ministry of Finance, India visited the department and delivered a talk.  
Title: **Role of E-office in improving Policy Making In India**  
Date: January 23, 2018
  
13. Mr Vishal Mandot, Sai Karuna Mission Research Team visited the department and delivered a talk.  
Title: **Effects of Technology on Mind**  
Date: January 24, 2018
  
14. Ankur Jain, T.I.M.E. visited the department and delivered a talk.  
Title: **How to do well in Group Discussions**  
Date: February 6, 2018
  
15. Krishnendu Dutta, T.I.M.E. visited the department and delivered a talk.  
Title: **How to do well in Group Discussions**  
Date: February 6, 2018
  
16. Dr. Archana Shrivastava, Associate Professor, BIMTECH, Greater Noida visited the department and delivered a talk.  
Title: **Role of Soft Skills in enhancing Employability**  
Date: March 12, 2018

## **JBS**

### **Visitors in Department of JBS in 2017-2018:**

1. CA Dhruv K Agarwal visited the Department and delivered a talk.

Title: **Seminar on GST**

Date: Jan 31, 2018

2. SHRI SANJIV TANDAN, Insolvency Professional and Tax consultant visited the Department and delivered a talk.

Title: **Seminar on Budget**

Date: Feb 02, 2018

## **Mathematics**

### **Visitors in Department of Mathematics in 2017-2018:**

1. Dr. Partha Pratim Roy , Dept. of Computer Science and Engineering, Indian Institute of Technology Roorkee visited the Department and delivered a talk.

Title: **"Introduction to Document Image Processing "**

Date: January 06, 2018.

## **Biotechnology**

### **Visitors in Department of Biotechnology in 2017-2018:**

1. Adeline Sivignon. University of Auvergne, France visited the department and delivered a talk.

Title: **Use of probiotic yeast in Crohn's disease against AIEC**

Date: January 31, 2018

2. Dr. SamudralaGourinath, School of Life Sciences, JNU, New Delhi visited the department and delivered a talk.

Title: **Inhibitor screening against the  $\beta$ -clamp of H. pylori.**

Date: January 31, 2018

3. SébastienGouin, University of Nantes, France visited the department and delivered a talk.  
Title: **Synthetic glycoconjugates as E. coli and A. fumigatus antiadhesives**  
Date: January 31, 2018
  
4. Dr. Manidipa Banerjee, IIT, New Delhi visited the department and delivered a talk.  
Title: **Cryoelectron microscopy: Recent advances and applications**  
Date: January 31, 2018
  
5. CyrilleGrandjean, Université des Sciences et Techniques de Nantes, France visited the department and delivered a talk.  
Title: **Design and Screening of Sugar-Derived Small Molecule Inhibitors of Galectins**  
Date: January 31, 2018
  
6. Dr. Neel S. Bhavesh, ICGEB, New Delhi visited the department and delivered a talk.  
Title: **NMR and Calorimetry techniques for Protein interactions**  
Date: January 31, 2018
  
7. Dr. EthayathullaAbdulsamath, AIIMS, New Delhi visited the department and delivered a talk.  
Title: **Challenges in Protein Crystallization & Data processing**  
Date: January 31, 2018
  
8. Dr. Likhesh Sharma, Application Scientist, GE Healthcare visited the department and delivered a talk.  
Title: **Surface Plasmon Resonance: Introduction and Application to Drug Discovery**  
Date: January 31, 2018
  
9. Prof. Savvas Savvides, Belgium visited the department and delivered a talk.  
Title: **Structure, mechanism, and antagonism of protein assemblies pivotal to inflammation, autoimmunity, and allergy**  
Date: February1, 2018

10. Dr. Marc F Lensink, University of Lille, France visited the department and delivered a talk.

Title: **CAPRI: The Diverse Challenges of Computational Protein-Protein Docking**

Date: February1, 2018

11. Dr. Julie Bouckaert, France visited the department and delivered a talk.

Title: **Sites for Dynamic Protein-Carbohydrate Interactions of o-, n-, s- and c-linked Mannosides on the E. coli FimHAdhesin**

Date: February1, 2018

12. Prof. V.K. Choudhary, UDSC, New Delhi visited the department and delivered a talk.

Title: **Human Antibodies: Generation & Applications**

Date: February1, 2018

13. Prof. R.V. Hosur, TIFR, Mumbai visited the department and delivered a talk.

Title: **NMR of Complex Biological Systems and Mixtures**

Date: February1, 2018

14. Prof. Nicolas Barnich, University of Auvergne, France visited the department and delivered a talk.

Title: **Adherent-invasive *Escherichia coli* in inflammatory bowel disease**

Date: February 2, 2018

15. Dr. Anup Madan, USA visited the department and delivered a talk.

Title: **Understanding Disease Heterogeneity in Era of Personalized Medicine**

Date: February 2, 2018

16. Dr. Shikha Sharma, Abbott, Mumbai visited the department and delivered a talk.

Title: **Diagnostics for the Developing World: A look at the challenges and opportunities**

Date: February 2, 2018

17. Dr. Rita Sharma, School of Computational and Integrative Sciences, JNU, New Delhi visited the department and delivered a talk.

Title: **Optimizing Plant Feedstock for Biofuel Production**

Date: February 2, 2018

18. Prof. T. P. Singh, AIIMS, New Delhi visited the department and delivered a talk.

Title: **Current trends in New Drug Discovery**

Date: February 3, 2018

19. Prof. Pawan K. Dhar, School of Biotechnology, JNU, New Delhi visited the department and delivered a talk.

Title: **Synthetic Biology: Emergence of a novel drug discovery platform**

Date: February 3, 2018

20. Adeline Sivignon. University of Auvergne, France visited the department and delivered a talk.

Title: **Use of probiotic yeast in Crohn's disease against AIEC**

Date: January 31, 2018

21. Dr. Samudrala Gourinath, School of Life Sciences, JNU, New Delhi visited the department and delivered a talk.

Title: **Inhibitor screening against the  $\beta$ -clamp of *H. pylori*.**

Date: January 31, 2018

22. Dr. Md. Kausar Neyaz, Founder of the Bio-Services visited the department and delivered a talk.

Title: **Prevention and Disease Control, Public Engagement Activities, Health Education and Research web portal**

Date: November 11, 2017

23. Ms Mridu Gupta visited the department and delivered a talk.

Title: **COO of CPAED**

Date: November 11, 2017

24. Dr. Subhash Chand, Formerly, Professor & Head, Biochemical Engineering & Biotechnology, I.I.T. Delhi visited the department and delivered a talk.

Title: **Why Entrepreneurship: Bio Entrepreneurship-Indian bioindustry and Government Initiatives**

Date: July 10, 2017

25. Dr.Subhash Chand visited the department and delivered a talk.

Title: **Techno-commercial issues related to Bio-entrepreneurship & writing a business plan**

Date: July 10, 2017

26. Dr.Sanjeev Mittal, Professor and Dean, Guru Gobind SinghIndraprastha University, Delhi visited the department and delivered a talk.

Title: **Financial aspects of Entrepreneurship Business Environment Scanning Achievement Motivation Training (AMT)**

Date: July 11, 2017

27. Dr H.N Singh Formerly Professor Dr A.P.J Abdul Kalam Technical University & Mr. HardikRavat from iSaptarshi Technologies visited the department and delivered a talk.

Title: **Entrepreneurship Opportunities, Govt. Entrepreneurship Support and Enterprise Formation – eg Waste Management a case study**

Date: July 12, 2017

28. Dr H.N Singh, Dr A.P.J Abdul Kalam Technical University &, Mr. HardikRavat from iSaptarshiTechnologies visited the department and delivered a talk.

Title: **Environmental & financial aspects, policy/legislation, risk Assessment Legal aspects in Waste Management**

Date: July 12, 2017

29. Prof. Suresh C. Tyagi, Professor and Vice Chair For Research, Department of Physiology, Stoghill Endowed Chair in Biomedical Sciences, University of Louisville School of Medicine, Louisville, Kentucky, USA.visited the department and delivered a talk.

Title: **Gut microbiota in Cardiovascular Diseases**

Date: August 24, 2017

30. Prof .Dilip K. Maiti, FRSC Department of Chemistry, University of Calcutta visited the department and delivered a talk.

Title: **Nanoscience, Nanofabrication and Organic-Nano Electronics: A Golden Opportunity for the Electronic Device Industries**

Date: August 23, 2017

## **CSE 2017-18**

31. Mr. Vishal Chandra Gupta, Senior Technical Manager, HCL Technologies, Noida delivered a talk on Multimedia Technology - Engineer's Point of View on Sep. 11, 2017
32. Prof. Atal Chaudhuri, Jadavpur University delivered a talk on Quantum Gates and Quantum Dot Cellular Automata - Nano Approach for Future Green Computing on Oct.03, 2017.
33. Prof. Gurdeep Hura, Chair, Department of Mathematics and Computer Science, University of Maryland Eastern Shore, Maryland, USA has delivered a talk on Cyber Security on Feb. 19, 2018.
34. Mr. Vishal Chandra Gupta, Senior Technical Manager, HCL Technologies, Noida has delivered a talk on Multimedia Technology - Engineer's Point of View on Sep.11, 2018.
35. Dr.Pankesh Patel, Research Scientist, ABB Corporate Research, India has delivered a talk on Programming Internet of Things: Challenges and State of the art on Aug. 11, 2017.
36. Prof. R.K. Shyamasundar, IIT Bombay has delivered a talk on Security Models as a Foundation for Building End-to-End Secure Systems on Aug.10, 2017.
37. Prof. David Abramson, Director, Research Computing Centre has delivered a talk on Translational Computational Science: From The Lab To Practice on Aug.10, 2017.
38. Prof. Shigang Chen, University of Florida,USA has delivered a talk on “Sketching Big Network Data on Aug. 11, 2017.
39. Prof. Louiqa Raschid, University of Maryland,USA has delivered a talk on “Explorations of a Data Scientist: From Toxic to Therapeutic on Aug.10, 2017.
40. Prof. Jayant Haritsa, Indian Institute of Science, Bangalore, India has delivered a talk on The Latent Power of Absurd Ideas (aka Robust Query Processing) on Aug.12, 2017.
41. Mr. Vishal Chandra Gupta , Senior Technical Manager, HCL Technologies, Noida, delivered a talk titled on “ Multimedia Technology - Engineer's Point of View” on Sep. 11, 2017.
42. Prof. Atal Chaudhuri , Jadavpur University, delivered a talk titled “Quantum Gates and Quantum Dot Cellular Automata - Nano Approach for Future Green Computing” on Oct. 10, 2017.

## **ECE 2017-18**

43. Prof. KrishnenduChakrabarty, Fellow IEEE, Fellow ACM, has delivered a talk on Digital Microfluidic Biochips: From Manipulating Droplets to Quantitative Gene-Expression Analysis on Dec. 15, 2017.
44. Mr.AnkurSangal, Sr. Application Engineer, CoreEL Technologies, New Delhi has delivered a talk on Xilinx FPGA Current Trends on Jul. 10, 2017.
45. Dr.NidhiGoel, Associate Professor, Department of Electronics and Communication Engineering Department at IGDTU, New Delhi has delivered a talk on Multimedia Security on Jul. 13, 2017.
46. Mr.LalitSaraswat, Principal Engineer, Cadence has delivered a talk on Low Power Front End Design on Jul. 15, 2017.
47. Dr.Pushendra Singh, Assistant Professor (ECE), Bennett University, Greater Noida has delivered a talk on Time Frequency Analysis on Sep. 2017.
48. Dr. Dinesh K.Vishwakarma, Assistant Professor, Delhi Technological University has delivered a talk on Human Action and Activity Recognition on Sep. 02, 2017.
49. Mr.Sushanto Banerjee, , Astt-Manager, IDEA Cellular has delivered a talk on Current Trends in Telecom Industry in India on Sep. 02, 2017.
50. Prof. Drew Hilton, Director of Graduate Studies, Electrical and Computer Engineering, Duke University has delivered a talk on Talk on Pedagogy and teaching methods for software on Dec. 15, 2017.
51. Mr.KapilGarg from Mentor Graphics, has delivered an expert lecture on Design & Verification: Trends and Challenges on Sep. 12, 2017.
52. Mr. Amar chauhan, Former Google and Amazon, has delivered a talk on Importance of competitive programming on Apr. 15, 2017.