



Scholarly Activities Report



Scholarly Activities Report

April 2020 - June 2020

Research papers (Published in refereed journals): **37**

Book Chapters: **07**

Conference/Symposium/Workshop Proceedings: **12**

Patents Published: **01**

I. ACTIVE SEED PROJECTS UNDERTAKEN AT DIT UNIVERSITY

SCHOOL OF COMPUTING

Dr. Vishal Bharti

- 1. Project Title:** Kisan Seva Portal, **PI:** Dr. Vaibhav Kumar, **Co-PI:** Dr. Vishal Bharti, **Funding Agency & Scheme Name:** SEED Money Grant by DITU DITU/Dean R&C/2019/002, **Amount Sanctioned:** Rs. 1,15,000/-, **Duration:** 2 Years, **Current Status:** On-going, **Approx. Completion date:** December 2020.

DEPARTMENT OF PHYSICS

Dr. Vishakha Kaushik & Dr. Surbhi Sachdev

- 2. Project Title:** Exfoliation of large quantity molybdenum disulfide nanosheets using a cost effective technique for catalytic applications, **PI- Dr. Vishakha Kaushik, Co-PI- Dr. Surbhi Sachdev, Funding agency & Scheme-** DIT University, Seed Money, **Amount Sanctioned-** 1.5 Lacks, **Duration-**1 Year, **Current status-** purchasing is in progress, **Approx. completion date - 2021.**

Dr. Natasha Awasthi & Dr. Surbhi Sachdev

- 3. Project Title:** Controlling open quantum system: A challenge for future quantum technologies, **PI: Dr. Natasha Awasthi Co-PI: Dr. Surbhi Sachdev, Funding agency & Scheme:** DIT University, Seed, **Amount Sanctioned:** Rs.70, 000, **Duration:** 1 year, **Current Status:** In process (order has been placed in order to software). **Approx. completion date:** December 2020.

DEPARTMENT OF EECE

Dr. Amrindra Pal

- 4. Project Title:** Design Development and Prototyping of Active Denial System for Indian Railways Unmanned Railway Crossing, **PI: - Dr. Amrindra Pal, Co-PI:- Dr. Kuldeep Choudhary, Dr. Vivek kr. Srivastava, Mr. Anuj Sharma, Funding Agency: - DIT University, Seed, Amount Sanctioned: - Rs. 4.8 Lacs, Duration: - 1 year (Nov 2019–Oct 2020), Current status:- on-going, Approx. completion date:- Sept 2020.**

II. ACTIVE EXTERNAL SPONSORED RESEARCH PROJECTS

FACULTY OF PHARMACY

Dr. Havagiray Chitme

- 1. Project Title:** Key Biomarkers Differentially Expressed in Cumulus and Mural Cells of Polycystic Ovary Syndrome (PCOS) Patients, **PI: Dr. Havagiray Chitme, CO-PI: Dr. Hari Om Prasad and Dr. Ritu Prasad, Amount Sanctioned:** 10,000 Euros (INR – 8,36,075.29), **Funding agency & Scheme:** Bayer AG, Drug Discovery – Alliance Management, Germany and Focus Research for One Year, **Current status:** On-going, **approx. completion date:** N/A

DEPARTMENT OF PHYSICS

Dr. Parveen Kumar, & Dr. Ravi Kumar Shukla

- 2. Project Title:** Synthesis and characterization of Thin Films of Electrocaloric Materials for Solid State Cooling Applications **PI: Dr. Parveen Kumar, Co-PI: Dr. Ravi K. Shukla, Funding Agency:** DRDO, **Amount Sanctioned:** 21.32 Lakhs, **Duration:** 3 Years, **Current Status:** On-going, **Completion date:** Jan 2021

Dr. Ravi K. Shukla & Dr. K.K Raina

- 3. Project Title:** Lyotropic liquid crystalline materials for capacitive devices and as a water free soft templates to develop nanostructures, **PI: Dr. Ravi K. Shukla, CO-PI: Dr. K.K. Raina Funding Agency:** SERB, Core Grant (FILENO.EMR/2016/005591), **Amount Sectioned:** 3930520, **Duration:** 3 years, **Current Status:** On-going, **Completion date:** 16th November 2020.

DEPARTMENT OF EECE

Dr. Santosh Kumar

- 4. Project Title:** “Modeling and design of all-optical switching devices for DWDM system and sensors for health monitoring system using metal-insulator-metal plasmonic waveguides” **PI: Dr. Santosh Kumar, Funding Agency:** SERB (DST), **Project no. TAR/2018/000051,**

Amount Sanctioned: - Rs. 18.30 Lacs, **Duration:** - 3 year (Nov 2018–Oct 2021), **Current status:** - on-going, **Approx. completion date:** - Oct 2021.

Dr. Brijlata Chauhan

- Project Title:** “Conformal Antenna Array” **Co-PI: Dr. Brajlata Chauhan, Funding Agency:** TEQIP III/UTU, **Amount Sanctioned:** - Rs. 2.69 Lacs, **Duration:** - 2 year (Oct 2019–Sept 2020), **Current status:** - on-going, **Approx. completion date:** - Sep 2020.

III. SUBMITTED EXTERNAL SPONSORED RESEARCH PROJECTS

SCHOOL OF COMPUTING

Dr. Anil Kumar & Dr. Narendra Kumar

- Project Title:** “Design of mathematical model and Hybrid Deep Learning Technique based on COVID-19” **PI: Dr. Anil Kumar, CO-PI: Dr. Narendra Kumar, Agency & Scheme:** Indo-U.S. Science & Technology Forum on 15 May 2020. **Amount Applied for: 30 lack** **Duration: 3 years** **Current Status:** Ongoing, **Approx. Completion date:** N/A

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Y.K Tyagi & Dr. Vivek Srivastava

- Project Title:** Development of Laboratory and infrastructure, **PI: Dr. Y K Tyagi, Co PI: Dr. Manoj Kr, Dr. Vivek Srivastava, Dr. Anil Patil, Dr. Subodh Agency & Scheme:** FIST, DST SERB, **Amount Applied for:** 2.43 Crore. **Duration:** 5 Year, **Status:** Under process.

- 3. Project Title:** Development Fabrication and Evaluation of custom printed Orthotic Insoles, **PI: Dr. Vivek Srivastava, Co PI: Dr. Y K Tyagi. Agency & Scheme:** DST-SERB SUPRA, **Amount applied for:** 54, 54, 750/- **Duration:** 36 months. **Status:** Under process.

FACULTY OF PHARMACY

Dr. Havagiray Chitme

- 4. Project Title:** FIST Life Sciences Level I II or III - Project [TPN / 48218], **PI: Dr. Havagiray Chitme, Co-PI: Dr. Manish Gupta, Dr. Sushil Kumar Chaudhary, Dr. Habban Akhter and Dr. Ashok Behera, Funding Agency:** DST, **Scheme:** FIST, **Amount Applied for:** 63, 00, 000/-, **Status:** Under Processing.

IV. PUBLICATIONS

a) RESEARCH PAPERS (PUBLISHED IN REFEREED JOURNALS)

SCHOOL OF COMPUTING

Dr. Debopam Acharya

1. N. Kumar, **D. Acharya** and D. Lohani, "An IoT Based Vehicle Accident Detection and Classification System using Sensor Fusion," in *IEEE Internet of Things Journal*, doi: 10.1109/JIOT.2020.3008896 [Indexed in Web of Science] [5Y IF 11.705] June 2020.

Dr. Ritika

2. A. Tyagi, **Ritika**, "Intelligent Prognostics Model for Automated Segmentation based Disease Prediction and Classification from Dermoscopy Images using a Hybrid Approach by Convolutional Neural Network with PSO Algorithm" *accepted in Multimedia Tools and Applications*, ISSN: 1380-7501 (Print) 1573-7721 DOI: <https://doi.org/10.1007/s11042-020-09074-3>. [Indexed in Web of Science], [IF = 2.313], June 2020.

Dr. Anil Kumar

3. S. Tanwar, **A. Kumar**, "An efficient multi-receiver certificate less digital multisignature scheme with anonymity", *CSI Transactions on ICT (Springer)*, online <https://link.springer.com/article/10.1007/s40012-020-00274-8>. 29th May, 2020
4. S.S. Verma, R.B. Patel, **A. Kumar** and S Vishwakarma, "Analyzing QoS with Multipath Routing Using Real Flows Dynamic Queue (RFDQ) in Manet", *Journal of Advanced Research in Dynamical and Control Systems*, Pages: 275-286, DOI: [10.5373/JARDCS/V12SP5/20201758](https://doi.org/10.5373/JARDCS/V12SP5/20201758). [Indexed in Scopus], May 2020.

Pooja Gupta

5. **P. Gupta**, VK Jain, S. Aggarwal, "Exploring Relationship between Employees Well-Being and Green IoT Using Structural Equation Modeling", *International Journal of Advanced Science and Technology*, vol. 29, no. 9s, pp. 2590 - 2600, [indexed in Scopus]. May 2020

Dr. Soumen Kanrar

6. **S. Kanrar**, K. Dawar, “Pedestrian Localisation in the Typical Indoor Environments” In Press, *Multimedia Tools and Application, Springer* (SCI) Index in world leading scholarly databases DOI: <https://doi.org/10.1007/s11042-020-09291-w>. [Indexed in web of science] in Press (IF = 2.313).

Dr. Garima Verma

7. **G. Verma**, and H. Verma, “A Multilayer Perceptron Neural Network Model for Predicting Diabetes,” *International Journal of Grid and Distributed Computing*, Vol-13, issue-1, pp.1018-1025, ISSN-2005-4262 DOI: <http://serisc.org/journals/index.php/IJGDC/article/view/17405>. [Indexed in Web of Science], May 2020.

Mr. Naveen Kumar

8. **N. Kumar**, S. K Yadav, “Analysis of Cluster-Based Approaches for Document Retrieval,” *International Journal of Control and Automation*, Vol. 13, no. 2, pp. 228-236, ISSN 2005-4297, [Indexed in Scopus], April 2020.

DEPARTMENT OF EECE

Dr. Santosh Kumar

9. B. K. Kaushik, L. Singh, R. Singh, Z. Guo, B. Zhang, Q. Wang, **S. Kumar**, “Detection of collagen-IV using highly reflective metal nanoparticles - immobilized photosensitive optical fiber-based MZI structure” *IEEE Transactions on NanoBioscience*, Vol. 19, no. 3, pp. 477 - 484, ISSN 1536-1241, DOI: <https://doi.org/10.1109/TNB.2020.2998520>. [Indexed in web of science] [IF- 2.791], May 2020.
10. G. Dalai, S. Rao, S. Swarnakar, **S. Kumar**, “Performance analysis of all-optical NAND, NOR, and XNOR logic gates using photonic crystal waveguide for optical computing applications,” *Optical Engineering*, Vol.59, no.5, pp. 057101, DOI: <https://doi.org/10.1117/1.OE.59.5.057101>, [SCI- Indexed in web of science] [IF: 1.113], May 2020.

11. N.K Agrawal, C. Saha, C. Kumar, R. Singh, B. Zhang, R. Jha, **S. Kumar**, “Detection of L-cysteine using silver nanoparticles and graphene oxide immobilized tapered SMS optical fiber structure,” *IEEE Sensors Journal*, ISSN 1558-1748, DOI: <https://doi.org/10.1109/JSEN.2020.2997690> [Indexed in web of science] [IF: 3.073], May 2020.
12. N.K Agrawal, C. Saha, C. Kumar, R. Singh, B. Zhang, **S. Kumar**, “Development of uric acid sensor using copper oxide and silver nanoparticles immobilized SMSMS fiber structure-based probe,” *IEEE Transactions on Instrumentation & Measurement*, ISSN 0018-9456, DOI: <https://doi.org/10.1109/TIM.2020.2998876> [Indexed in web of science] [IF: 3.658], June 2020.
13. L. Singh, R. Singh, **S. Kumar**, B. Zhang, B.K Kaushik, “Development of collagen-IV sensor using optical fiber-based Mach-Zehnder interferometer structure,” *IEEE Journal of Quantum Electronics*, Vol. 56, no. 4, pp. 7700208, ISSN 0018-9197, DOI: <https://doi.org/10.1109/JQE.2020.3003022> [Indexed in web of science] [IF: 2.384], June 2020.
14. Q. Yang, G. Zhu, L. Singh, Yu Wang, R. Singh, B. Zhang, X. Zhang, **S. Kumar**, “Highly sensitive and selective sensor probe using glucose oxidase/ gold nanoparticles/ graphene oxide functionalized tapered optical fiber structure for detection of glucose,” *Optik*, Vol. 208, pp. 164536, ISSN 0733-8724, DOI: <https://doi.org/10.1016/j.ijleo.2020.164536>. [Indexed in web of science], [IF: 2.187], April 2020.
15. N.K Agrawal, B. Zhang, C. Saha, C. Kumar, Xipeng Pu, **S. Kumar**, “Ultra-sensitive cholesterol sensor using gold and zinc-oxide nanoparticles immobilized core mismatch MPM/SPS probe,” *IEEE/OSA Journal of Lightwave Technology*, Vol. 38, Issue 8, pp. 2523 - 2529, ISSN 0733-8724, DOI: <https://doi.org/10.1109/JLT.2020.2974818>. [Indexed in web of science], [IF: 4.288], April, 2020.

Dr. Suresh Gupta

16. P. Belwal, R. Agrawal, **S.C Gupta**, “Half mode substrate integrated waveguide based leaky wave antenna with low cross polarization” *Frequenz*, ISSN 0016-1136 DOI: <https://doi.org/10.1515/freq-2019-0161>. [Indexed in web of science], [IF: 0.543], May, 2020.

HUMANITIES & LIBERAL ARTS

Dr. Sanjaya Kumar Lenka

17. **Lenka, S. K.**, and R. Sharma, "Re-examining the effect of financial development on economic growth in India: Does the measurement of financial development matter," *Journal of Asia Pacific Business*, Vol. 21, no 2, pp 124-142, ISSN: 1528-6940, DOI: <https://doi.org/10.1080/10599231.2020.1745050> (IF-0.188), April 2020.

FACULTY OF MANAGEMENT STUDIES

Dr. Vijay Kumar Jain & Dr. Hemraj Verma

18. **V.K. Jain**, A. Gupta, & **H. Verma**, "Social media and Green Consumption Behaviour of Millennials," *Journal of Content, Community & Communication*, Vol 11. (Scopus), 2020.

Dr. Vijay Kumar Jain

19. P. Gupta & **V. K. Jain**, "Exploring Relationship Between Employee Well Being and Green IOT Using Structural Equation Modeling," *International Journal of Advanced Science and Technology*, 29(9). (Scopus). April 2020.

DEPARTMENT OF MATHEMATICS

Seema Yadav & Dr. Rakesh Mohan

20. **S. Yadav**, **R. Mohan** and Pradeep Kumar Yadav, "Task Allocation Model for Optimal System Cost Using Fuzzy C-Means Clustering Technique in Distributed System", *Ingenierie des Systemes d'Information, Lavoisier*, (Scopus). April 2020

DEPARTMENT OF MECHANICAL ENGINEERING

Ravi Kumar & Dr. Anil K. Patil

21. **R. Kumar, A.K. Pathak, A.K. Patil, M. Kumar**, “An experimental investigation of sensible heat storage system with multi-tubular cavities,” *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, DOI: <https://doi.org/10.1080/15567036.2020.1774683>. [Indexed in Web of Science] [IF-1.184], June 2020.

Dr. Manoj Kumar & Dr Anil K. Patil

22. Chauhan, **M. Kumar, A.K. Patil**, “Heat transfer enhancement in pool boiling of distilled water using gridded metal surface with protrusions over micro-porous coated surface,” *Heat transfer-Transactions of ASME* [Indexed in Web of Science] [IF-1.787], June 2020.

Nitin K. Gupta & Dr. Manoj Kumar

23. **N. Gupta, G.D. Thakre, M. Kumar**, “Dry sliding wear performance on self-healing Al6061 composites,” *Journal of Engineering, Design and Technology*, DOI: <https://doi.org/10.1108/JEDT-03-020-0078>. [Indexed in Web of Science], May 2020.

DEPARTMENT OF PETROLEUM ENGINEERING

Gaurav Richhariyya & Dr. Tapas Dora

24. **G. Richhariya, D. T. K. Dora, K. R. Parmar, K. K. Pant, N. Singhal, K. Lal, P.P Kundu**, “Development of Self-Healing Cement Slurry through the Incorporation of Dual-Encapsulated Polyacrylamide for the Prevention of Water Ingress in Oil Well”, *Materials*, Vol. 13, no. 13, pp. 2921, ISSN 1996-1944, DOI: <https://doi.org/10.3390/ma13132921>. [Indexed in Web of Science] [IF-3.057], June 2020.

DEPARTMENT OF PHARMACY

Dr. Sushil Kr. Chaudhary

25. P.M Tambe, S Bhowmick, **S.K Chaudhary**, M. Muddassir, P.C Patil, Md. A. Islam, "Structure-based screening of DNA GyraseB inhibitors for therapeutic applications in Tuberculosis: A pharmacoinformatics study," *Applied Biochemistry and Biotechnology*, [Scopus] (I.F: 2.277). June 23, 2020.

Dr. Sushil Kr. Choudhary, Vaibhav Walia, & Dr. Neeraj Kr. Sethiya

26. **S. K CHAUDHARY, V. Walia, V. Singh, N K Sethiya**, "Thin Layer Chromatographic Analysis of Mangiferin (A bioactive antioxidant from dietary plant sources)," *A mini review. JPC - Journal of Planar Chromatography - Modern TLC (Under Revision R1)*, [Indexed in Web of Science] (I.F: 0.826). April 2020

Vaibhav Walia

27. P. Singh and **V. Walia**, "Anxiolytic like Effect of L-Carnitine in Mice: Evidences for the Involvement of NO-sGC-cGMP Signaling Pathway," *Behavioural Brain research*. (ISSN: 0166-4328), [Scopus], (IF-2.770), May 2020.
28. **V. Walia**, C. Garg & M. Garg, "Amantadine exerts anxiolytic like effect in mice: Evidences for the involvement of nitrenergic and GABAergic signaling pathways," *Behavioural Brain research*, 380, 112432 (ISSN: 0166-4328), (Scopus), (IF-2.770), April 2020.

Dr. Bhavna Kumar

29. D. Sharma, S. Raj, M. Singhal and **B. Kumar**, "Preparation and Evaluation of Gliptin Liposomes For Targetting Ocular Region," *Neurodegeneration Nanoscience & Nanotechnology-Asia*, DOI: <https://doi.org/10.2174/2210681210999200414104232> . [Scopus]. [In press] May 2020.

Sushil Chaudhary, Vaibhav Walia, Vijay Singh Rana, Neeraj Kumar Sethiya

30. **S. Chaudhary, V. Walia, V. Singh, N. K Sethiya**, "Thin Layer Chromatographic Analysis of Mangiferin (A bioactive antioxidant from dietary plant sources)," *A mini review (Submitted Revision-Provisionally Accepted)* [Indexed in Web of Science] [IF -0.81] April 2020.

DEPARTMENT OF PHYSICS

Dr. Parveen Kumar

31. **P. Kumar**, C. Prakash, "Enhanced electrocaloric effect in lead free $Ba_{0.90}Sr_{0.10}Ti_{1-3x/4}Fe_xO_3$ ceramics", *Journal of Alloys and Compounds*, Vol. No. 839, pp. 155461, **[Indexed in Scopus]**. May 2020.
32. **P. Kumar**, C. Prakash, "Synthesis, dielectric and ferroelectric properties of Sm^{3+} modified PZTFN ceramics", *Materials Chemistry and Physics*, Vol No. 251, pp. 123062, **[Indexed in Scopus]**. April 2020.

Dr. Ravi Kumar Shukla & Dr. Kuldeep Kumar Raina

33. Chaudhary, P. Malik, **R.K. Shukla**, R. Mehra, **K.K Raina**, "Role of SiO_2 optically active mediators to tailor optical and electro-optical properties of ferroelectric liquid crystalline nanocomposites" *Journal of Molecular Liquids*, 113580, In Press, **[Indexed in Web of Science]** June 2020.
34. **R.K. Shukla**, **K.K. Raina**, "Effect of ZnO nanoparticles doping on structural, dielectric and interfacial behaviour of polyoxyethylene (20) sorbitan/ethylene glycol lyotropic phases", *Soft Materials*, pp.1-8, In Press, **[Indexed in Web of Science]** April 2020.
35. **R.K. Shukla**, **K.K. Raina**, "Soft templated zinc oxide nanostructures and their colloidal assemblies for optical, capacitive and ionic impurity capturing applications", *Solid State Sciences*, 106201, In Press, **[Indexed in Web of Science]** April 2020.

Dr. Ravi Kumar Shukla

36. Chaudhary, **R.K. Shukla**, M. Klebanov, I. Abdulhalim, "Porous lead sulphide nanowalls structured film for ethanol detection in the short infrared regime", *Journal of Nanophotonics* 14 (2), pp.026012, **[Indexed in Web of Science]**. May 2020.

Dr. Pankaj Chamoli, Dr. Kuldeep Kumar Raina & Dr. Ravi Kumar Shukla

37. N. Duklan, **P. Chamoli**, **K.K. Raina**, **R.K. Shukla**, "Dye dispersed lyotropic liquid crystals: Soft materials with high ionic conductivity and self-sustained adsorbents for dye sequestration", *Inorganic Chemistry Communications*, 107924, In Press, **[Indexed in Web of Science]** April 2020.

b) BOOK CHAPTERS

DEPARTMENT OF CHEMISTRY

Dr. Suheel Kumar Porwal

1. J. Porwal, **S. K. Porwal**, R. Singh, K. Singh, “Synthetic Biofuels and Greenhouse Gas Mitigation” in *Climate Change, Photosynthesis and Advanced Biofuels*, Springer Singapore, eBook ISBN 978-981-15-5228, DOI: <https://doi.org/10.1007/978-981-15-5228-1>, June, 2020.

DEPARTMENT OF EECE

Dr. Santosh Kumar

2. R. Singh and **S. Kumar**, “Applications of graphene-based sensors for biomedical industries,” *Comprehensive Analytical Chemistry: Analytical applications of graphene for the comprehensive analytical chemistry*, Vol. 99, Elsevier, (Book Chapter). May 2020.

HUMANITIES & LIBERAL ARTS

Dr. Sanjaya Kumar Lenka

3. Mangla, S. K., **S. K. Lenka**, and R. Singh “Enabling India’s E-Commerce Connectivity with ASEAN: E-payment in India – Problems and Prospects’, in Chen, L. and F. Kimura (eds.)”, *E-commerce Connectivity in ASEAN, National Library of Indonesia Cataloguing-in-Publication Data*, Economic Research Institute for ASEAN and East Asia, pp.146-172. DOI: <https://www.eria.org/uploads/media/E-commerce-Connectivity-in-ASEAN/0 E-Commerce-Connectivity-in-ASEAN FINAL.pdf>, April, 2020.

DEPARTMENT OF MATHEMATICS

Dr. Anil K. Patil

4. V.S. Bisht, **A.K. Patil**, A. Gupta, “Thermo-Hydraulic Performance of Solar Air Heater Roughened with V-Shaped Ribs Combined with V-Shaped Perforated Baffles,” *In Advances in*

Energy Research, Springer Proceedings in Energy. Springer, Singapore, Vol. 2. DOI: <https://doi.org/10.1007/978-981-15-2662-6> 12, May 2020.

Dr. Subodh Kumar

5. B. Bhardwaj, V. Sharma, **S. Kumar**, S. Dutt, “Multi response optimization of EDM machining parameters using Taguchi methodology with grey relational analysis,” *In Optimization Methods in Engineering. Lecture Notes on Multidisciplinary Industrial Engineering*, Springer, Singapore, DOI: <https://doi.org/10.1007/978-981-15-4550-4> 21, June 2020.

Dr. Manoj Kumar

6. Kunwar, **M. Kumar**, S. Chamoli, “Thermo-Hydraulic Performance and Heat Storage of a Packed Bed Solar Energy Storage System Having Large-Sized Perforated Cylinders,” *In Advances in Energy Research*, Vol. 1. Springer Proceedings in Energy, Springer, DOI: <https://doi.org/10.1007/978-981-15-2666-4> 20, May 2020.

DEPARTMENT OF PETROLEUM ENGINEERING

Dr. Tapas Kumar Dora

7. D. Acharya, S. Satapathy, **D. T.K. Dora**, S. Dave, J. Das, “Advancement in Treatment Technologies of Biopharmaceutical Industrial Effluent”, *in Microbial Bioremediation and Biodegradation*, SPRINGER Singapore, Ch. 18, DOI: <https://doi.org/10.1007/978-981-15-1812-6> 18, May 2020.

c) CONFERENCE / SYMPOSIUM / WORKSHOP PROCEEDINGS

SCHOOL OF COMPUTING

Chirag Joshi, Dr. Vishal Bharti, Dr. Ranjeet Kumar Ranjan

1. **C. Joshi, V. Bharti, R.K Ranjan**, “Analysis of Feature Selection Method for P2P Botnet Detection “, in *4th International Conference on Advances in Computing and Data Sciences (ICACDS 2020)*, University of Malta, **2020**.
2. **C. Joshi, V. Bharti, R.K. Ranjan**, “Botnet Detection Using Machine Learning Algorithms “, in *International Conference on Paradigms of Computing, Communication and Data Sciences (PCCDS-2020)*, NIT Kurukshetra, **2020**.

Dr. Anil Kumar, Dr. Vishal Bharti

3. S Gupta, **A. Kumar, V. Bharti**, “Designing of a Hybrid Machine Learning Algorithm for Liver disease prediction”, *2nd International conference on Engineering, Technology and Management for Sustainable Development*, IIMT Meerut, India. **May 26-27, 2020**.

Dr. Narendra Kumar

4. **N. Kumar**, “IoT based smart agriculture techniques,” in *the International Conference on Future Engineering (ICFE-2020)*, Jointly organized by Mazodon international research academy and Dr. Rammanohar Lohia Avadh university, Ayodhya. **26th -27th June 2020**

Naveen Kumar, Dr. Rakesh Kumar Saini

5. **N. Kumar & R.K. Saini**, “A Framework for Determination of Efficient Algorithm for Effective Searching using document clustering”, in *International Conference on Advances in Computing, Communication and Control (ICA3C-2020)*, IIMT University, INDIA, **June 2020**.

Dr. Ritika

6. Mohit Iyer, **Ritika**, "Forecasting price of indian stock market using supervised machine learning techniques" in *5th International Conference on Advanced Computing and Intelligent Engineering (ICAICE 2020)*, held at Universite des Mascareignes, Mauritius, Proceedings of 5th ICACIE 2019 will be published by [Advances in Intelligent Systems and Computing \(AISC\)](#) series of Springer . **June 2020.**

DEPARTMENT OF EECE

Nafees Ahamad & Dr. Gagan Singh

7. **N. Ahamad**, A. Sikander, **G. Singh**, "A New Classical Method of Reduced-Order Modelling and AVR System Control Design" , in *Electric Power and Renewable Energy Conference (EPREC-2020)*, **May 2020.**

Vivek Kumar Srivastava & Dr. Amrindra Pal

8. **K. Srivastava**, A. Pratap, **A. Pal**, S. Sharma, and Y. Singh, "Design of incremter and decremter device for optical computing," *Proc. SPIE 11364, Integrated Photonics Platforms: Fundamental Research, Manufacturing and Applications*, 1136410, **April 2020.**
9. **A. Pal**, S. Chauhan, **V. K. Srivastava**, Y. Singh, and S. Sharma, "Design of electro-optical tristate buffer and tristate inverter for high speed optical interconnect," *Proc. SPIE 11364, Integrated Photonics Platforms: Fundamental Research, Manufacturing and Applications*, 113641N, **April 2020.**

HUMANITIES & LIBERAL ARTS

Dr. Sakshi Semwal

10. **S. Semwal**, "Presented a paper in Two days International Webinar on Impact of Current Pandemic COVID-19 on Education, Literature and Society," *on the topic of Multicultural Tradition of Indian Language & Literature*, organized by CCS University, Meerut (UP) on **7-8 June, 2020.**

DEPARTMENT OF MATHEMATICS

Dr. Dheeraj Kumar Joshi

11. D.K. Joshi and N. Awasthi “Novel Distance and similarity measures for probabilistic hesitant fuzzy set and its applications in stock selection problem” is accepted for *7th International Virtual Congress (IVC-2020)* at www.isca.net.co. IVC-2020 is being organized by International Science Community Association from **5th - 10th August 2020**.

12. N. Awasthi, S. Sachdev and D.K. Joshi “Quantum noise channels under the effect of memory” is accepted for *7th International Virtual Congress (IVC-2020)*, at www.isca.net.co. IVC-2020 is being organized by International Science Community Association. from **5th - 10th August 2020**

d) CONFERENCE / SYMPOSIUM / WORKSHOP INVITED TALKS

FACULTY OF ARCHITECTURE & DESIGN

Ar. Jitendra Kumar Sarohi

1. J.Sarohi, attended workshop on “Online Teaching Learning and Online Assessment”, INPODS, 27 May 2020
2. J.Sarohi, participated in online “Interactive Session on Teaching Design Courses Online: Challenges & Possibilities”, Dr. Sanjeev Singh, Dean SPA Bhopal, **03 June 2020**
3. J.Sarohi, attended Webinar on “Creation of IPR in University by Dr. Shweta Singh”, Ennoble IP, 18 June 2020
4. J.Sarohi, attended online FDP on “Migration to Digital Learning: Challenges & Possibilities to Teachers by Dr. Gopal Krishan Joshi”, KLE University, **19 June 2020**
5. J.Sarohi, participated in online “FDP on E- Learning Platform & Developing E-Contents” ,**Dr. Radica, 22 June 2020**
6. J.Sarohi, attended online FDP on “IQAC by Dr. Hemraj Verma”, HoD, FMS DIT University, **27th June 2020**

7. J.Sarohi, attended online FDP on “Academic Aspirations of the University”, Prof. B.K. Singh, DIT University, **27th June 2020**

Ar. Shreya Giri

8. S. Giri, attended Webinar on “Heritage Management of Historic Cities in India - A Case Study of Jaipur and Ahmedabad”, Manipal University, **22 May 2020**.
9. S. Giri, attended attended Webinar on “Bamboo: The Sustainable Future of India”, organized by National Institute of Design, Ahmedabad in collaboration with KONBAC, **9 June 2020**.
10. S. Giri, attended Webinar on “Interior Design- Beautifying the living space”, Hindusthan College of Engineering and Technology, Coimbatore, **13 June 2020**.
11. S. Giri, attended “Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker)”, MHRD's Innovation Cell, **27 June 2020**.

Ar. Charles Porwal

12. C. Porwal, attended Online Training Programme on “Advanced Building Services”, COA, **02-07 July 2020**
13. C. Porwal, attended Webinar on “Webathon”, IUDI_Infinity, **01 June 2020**
14. C. Porwal, attended Webinar on “Social Entrepreneurship and de-developement”, **13 June 2020**

Ar. Vartica Saxena

15. V. Saxena, attended “Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker)”, MHRD's Innovation Cell, **27 June 2020**.
16. V. Saxena, attended Webinar on “Learning to teach and teaching to learn - Understanding the possibilities and challenges of digital based design studios”, Saveetha college of Architecture and Design, **26 - 30 May 2020**.
17. V. Saxena, attended Webinar on “Design interactions: How Design education started in India?”, Prof. Balaram Singanapalli, **01May 2020**.
18. V. Saxena, attended Webinar on “Learning without Teachers”, **23 May 2020**.
19. V. Saxena, attended Webinar on “Politics and Design”, **13 June 2020**.
20. V. Saxena, attended Webinar on “Building construction Pedagogy in Architecture”, University school of Architecture and Planning- GGSIU, Dwarka, **03 June 2020**.
21. V. Saxena, attended Webinar on “An Architect’s journey across India: Will it be same again?”, Royal Global University, **23 June 2020**.

22. V. Saxena, attended FDP on “Present Challenges in higher education and their remedial solutions”, Brigadier Dr. M Srinivasan, DIT University, **15 June 2020**
23. V. Saxena, attended FDP on “Creativity and Innovation”, Gaurav Singh, DIT University, **15 June 2020**
24. V. Saxena, attended FDP on “IQAC”, Dr. Hemraj DIT University, **June 2020**

Dr. Aanchal Sharma

25. A. Sharma, attended Short term training programme on “Green Energy Technologies for Sustainable Development”, Sponsored by TEQIP-III Jointly organized by: Engineering College Bikaner and NIT Kurukshetra (Mentor Institute |TEQIP-III), **11-20 June 2020.**

Ar. Sandeep Saxena

26. S. Saxena, attended “Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker)”, MHRD's Innovation Cell, **27 June 2020.**
27. S. Saxena, attended Webinar on “Learning to teach and teaching to learn - Understanding the possibilities and challenges of digital based design studios”, Saveetha college of Architecture and Design, **26 - 30 May 2020.**
28. S. Saxena, attended Social lecture on “Learning through Global Collaboration”, Prof. Ritu Deshmukh, COA, **30 May 2020.**
29. S. Saxena, attended Webinar on “Site Design & Screenplay- Parallel Arts of Character Play”, Ar. Vijendranath R, MIDAS SCHOOL OF ARCHITECTURE, **30 May 2020.**
30. S. Saxena, attended Webinar on “Politics and Design”, **13 June 2020.**
31. S. Saxena, attended Webinar on “Learning without Teachers”, **23 May 2020.**
32. S. Saxena, attended Talk series on “Architecture scope and Home automation solutions post Covid19”, Ar. Anubhav Basak, **06 May 2020.**
33. S. Saxena, attended Webinar on “Net Zero Energy Buildings (NZEB)”, Mr. Ashish Rakheja, MEP Consultant, **02 May 2020.**
34. S. Saxena, attended FDP on “”, DIT University, **23 June 2020**
35. V. Saxena, attended FDP on “Present Challenges in higher education and their remedial solutions”, Brigadier Dr. M Srinivasan, DIT University, **15 June 2020**
36. V. Saxena, attended FDP on “Creativity and Innovation”, Gaurav Singh, DIT University, **15 June 2020**
37. V. Saxena, attended FDP on “IQAC”, Dr. Hemraj DIT University, **June 2020**
38. V. Saxena, attended FDP on “Creativity and innovation” Gaurav Singh, DIT University, **15 June 2020**

Ar. Sanan Verma

39. S. Verma, attended “Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker)”, MHRD's Innovation Cell, **27 June 2020**.

Ar. Abhilasha Pathak

40. A. Pathak, attended webinar on “Scaling new heights”, ambassadors of change, **20 June 2020**.

Ar. Meghna Chatterji

41. M. Chatterji, attended “Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker)”, MHRD's Innovation Cell, **27 June 2020**.

42. M. Chatterji, attended Webinar on “World Heritage and Sustainable development at Humayun’s tomb”, Ministry of Tourism, **18 April 2020**.

43. M. Chatterji, attended Webinar on “Ladakh Explore the Unexplored”, Ministry of Tourism, **20 April 2020**.

44. M. Chatterji, attended Webinar on “Routes as part of our cultural heritage”, ICOMOS, **22 April 2020 – 02 May 2020**

45. M. Chatterji, attended Webinar on “Routes as part of our cultural heritage”, ICOMOS, **22 April 2020 – 02 May 2020**

46. M. Chatterji, attended Webinar on “Injecting new life into existing buildings”, INTACH, **29 May 2020**

47. M. Chatterji, attended Webinar on “Explore the Unexplored – A historical overview of the Old railway station, Kochi”, SCMS school of Architecture, **12 June 2020**

48. M. Chatterji, Webinar on “Theory of temple architecture”, **12 June 2020**

49. M. Chatterji, attended Webinar on “Restoration of Markanda temple, Pune – A brief discussion on the methodology of Conservation”, Shivani Sharma, ASI, **12 April 2020**

50. M. Chatterji, attended Webinar on “Restoration of Markanda temple, Pune – A brief discussion on the methodology of Conservation”, Shivani Sharma, ASI, **12 April 2020**

51. M. Chatterji, attended Sthapathya lecture series on “History and Evolution of South Indian temple architecture”, Parthik Sudha Murali, conservation mainstream, **April 2020**

52. M. Chatterji, attended Webinar on “Design and Architecture in Uttara hand”, Tapan Chakravarthy, BTDT, **11 June 2020**

DEPARTMENT OF CHEMISTRY

Dr. Naveen Singhal, Dr. Arti Chaturvedi, Dr. Manisha Duseja, Dr. Suheel Kumar Porwal & Dr. Jabrinder Singh

53. Singhal N, Chaturvedi A, Duseja M, Porwal S, Singh J, “ Workshop on Ganga biodiversity conservation” by Wildlife Institute of India, Dehradun. **May 5-6, 2020.**
54. Singhal N, Chaturvedi A, Desean M, Porwal S, Singh J, “ Science leadership workshop” by Science Academies of India & CU, Punjab. **June 22-28, 2020.**
55. Singh J, “Digital leadership course- Online Learning workshop for faculty” by QASPIR. **April 15-17, 2020.**

SCHOOL OF COMPUTING

Dr. Vishal Bharti

56. Delivered a **Webinar** on “**Digital Transformations in 2020: Advances in Computing**” at DIT University, Dehradun on **12th June 2020.**
57. Attended 5 day online AICTE Recognized Faculty Development Programme on “**Cloud, Fog and Edge Computing**” Organized by Computer Science and Engineering Department, NITTTR Chandigarh. from **14-04-20 to 18-04-20 (One Week)**
58. Attended 5 day online AICTE Recognized Faculty Development Programme on “**Linux Applications in Engineering Education**” from 27-04-20 to 01-05-20 (One Week) Organized by Computer Science and Engineering Department, NITTTR Chandigarh.
59. Attended 5 day online AICTE Recognized Faculty Development Programme on “**Academic Leadership Enhancement in Technical Institutions**” (One Week) Organized by Electronics and Communication Engineering Department, NITTTR Chandigarh. from **04-05-20 to 08-05-20**
59. Attended 5 day online AICTE Recognized Faculty Development Programme on “**NBA Accreditation of Engineering Programs**” from 11-05-20 to 15-05-20 (One Week) Organized by Mechanical Engineering Department, NITTTR Chandigarh.
60. Attended 5 day online AICTE Recognized Faculty Development Programme on “**Open Source Cyber Security Tools**” from 18-05-20 to 22-05-20 (One Week) Organized by Computer Science and Engineering Department, NITTTR Chandigarh.
61. Attended 5 day online AICTE Recognized Faculty Development Programme on “**Outcome Based Curriculum**” from 25-05-20 to 29-05-20 (One Week) Organized by Curriculum Development Centre Department, NITTTR Chandigarh.
62. Attended 10 day online AICTE Recognized Faculty Development Programme on “**Cyber Security**” Organized by Computer Science and Engineering Department, NITTTR Chandigarh. from **08/06/2020 to 19/06/2020 (Two Weeks)**

Madhu Sharma

63. Attended a two-week Faculty Development Program (FDP-2020) at DIT University, Dehradun from **15-06-2020 to 26-06-2020**.
64. Attended 5 Days Online Faculty Development Program (FDP) on **Basics of Programming** organised by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from April 29, 2020 to May **03, 2020**
65. Attended 5 days Online Faculty Development Program (FDP) on **Identity & Access Management**, a course on ibmcep.cognitiveclass.ai Powered by IBM Developer Skills Network from **1st June 2020 to 5th June 2020**.

Saurabh Kumar

66. Attended a workshop on “**Outcome Based Education (O.B.E.)**” at DIT University, Dehradun, on **15.04.2020 and 21.04.2020**.
67. Attended session on “**DIT University’s efforts to navigate through covid-19- Challenges and Opportunities**” on 30-4-2020 at 11.00 am -12.00 pm.
68. Attended a webinar “**Digital Transformation in 2020: Advances in Computing**” at DIT University, Dehradun, on **12.06.2020**.
69. Attended a webinar “**Role of faculty on Entrepreneurship and Start-up**” at DIT University, Dehradun, on **16.06.2020**
70. Attended a two-week **Faculty Development Program (FDP-2020)** at DIT University, Dehradun from 15-06-2020 to 26-06-2020.
71. Attended a Research seminar “**HCI Research: Building Systems in Low-Resource Settings**” at DIT University, Dehradun, on **19.06.2020**
72. Attended a short term training programme through ICT mode on “**Data Analytics with Python**” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, 22nd – 26th June, 2020.

Devendra Prasad

73. Attended Workshop on OBE Concepts online 15th and 22nd April 2020 organized by DIT UNIVERSITY.
74. Attended Leadership talk by MHRD’s Innovation Cell on 6th **June 2020**.
75. Attended Two Week FDP on “**Cyber Security**” from NITTTR Chandigarh completed successfully from 8th June **2020 to 19th June 2020**.

76. Attended One week FDP on “Data Science with Python” from NITTTR Chandigarh completed successfully from 22nd June 2020 to 26th June 2020.

Anuj Kumar Yadav

77. Attended One week FDP Workshop on “Digital Forensics and Security Research” by Government College of Engineering, Karad, Maharashtra from 25th April 2020 to 29th April 2020.

78. Attended One week FDP Workshop on “Open Source Cyber Security Tools” by NITTTR Chandigarh through virtual platform CISCO Webex from 18th May to 22nd May 2020.

79. Attended One week FDP Workshop “Python” organized by IIPS Indore in association with Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India, from 1st June 2020 to 5th June 2020.

Kushal Gupta

80. Attended 5 days online FDP on topic “Artificial Intelligence” from 18th-22th May 2020 organized by Motilal Nehru National Institute of Technology, Allahabad in association with AICTE Training And Learning (ATAL) Academy.

Tarun Kumar

81. Attended Skycampus: Digital Knowledge Series: Season 1-Technology for Future conducted by ICT Academy from 09-04-2020 to 18-04-2020.

82. Attended One Week FDP on R Programming conducted by MMU, Mullana & IIT Bombay Spoken Tutorial from 27-04-2020 to 01-05-2020

83. Attended Skycampus: Digital Knowledge Series: Season 7- Accelerating Industry 4.0 a Post COVID Paradigm by ICT Academy from 25-05-2020 to 29-05-2020.

84. Attended International Workshop on Education 4.0: Transformation of Learning Environment conducted by REC, Banda & CONSILIO IR Lab from **29-05-2020 to 30-05-2020**.

85. Attended One Week FDP on "Transforming Education on Industry 4.0" conducted by JUIT, Solan & CONSILIO IR Lab from **15-06-2020 to 20-06-2020**.

Dr. Ritika

86. Dr. Ritika is Resource person in FDP on “Recent Advancement in Artificial Intelligence” held in the Department of the Computer Science and Engineering, Shri Vishnu Engineering College, Bhimavaram, from 23-June-2020 to 27-June-2020 and given talk on “Use of Machine Learning Techniques in Agriculture and Health Care ” on 27-June-2020.

- 87. Dr. Ritika** has participated in Online Faculty development program on “Developing new perspective in era of AI/ML” from 30 May- 4th June 2020 organized by MIT Meerut.
- 88. Dr. Ritika** has participated in webinar on “Preparation on Post Covid-19 Assumption of Educational Institutes” by Atal Bihali Vajpayee Vishwavidyalaya, Bilaspur in collaboration with International Organization of Education development, India on 24 May 2020
- 89. Dr. Ritika** has participated in One Week National Faculty Development Program on Online Training on "Python 3" hosted by Prakasam Engineering College, Kandukur in association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India on 25-31 May 2020
- 90. Dr. Ritika** has participated in 5 days Faculty Development Program on “Basics of R Programming” from 29 April’ 2020 - 3 May 2020 offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. Also successfully completed R test organized at Rajiv Gandhi University by FIROS A with course material provided by the Spoken Tutorial Project, IIT Bombay.

Dr. Anil Kumar

- 91. Session Chair** at ICETMD-2020, at IIMT Engineering College, 26-27, May, 2020.

Ruchi Sharma

- 92.** Attended EICT IIT Roorkee's Online FDP on "Deep Learning and its Applications" from June 22-30, 2020. (Certificate will be given shortly).

Dr. Ranjeet K. Ranjan

- 93.** Attended Online FDP on Python using INFYTQ Platform from 22nd - 26th June 2020 by Infosys (Certificate will be given shortly).
- 94.** Attended Online workshop: Workshop on Cyber Crime Awareness by CollCom 7th June 2020.

Aditi Sharma

- 95.** Attended FDP on Machine Learning & its Applications, offered by EICT, IIT Roorkee on 13th - 20th April 2020.
- 96.** Attended FDP on Blockchain Technology, offered by EICT, at IIT Roorkee on 01st - 08th May 2020.

Deep Kumar

- 97.** Attended 3 FDP On data analytics using Python, Neural Network & CNN, Linux Applications in Engineering Education Organized by NITTTR Chandigarh.

Ajay Kumar

98. Attended FDP on Machine Learning & its Applications, offered by EICT, IIT Roorkee on 13th - 20th April 2020.

Nitin Thapliyal

99. Participation in International FDP (15th June -20th June 2020) organized by Suresh Gyan Vihar University.at also IITR-15-22-apr-2020-machinelearning-using python

Pradeep Singh Rawat

100. Completed FDP (data analytics using python)From **22 -26 June 2020**

Priyanka Dahiya

101. Attended EICT IIT Roorkee's Online FDP on "Deep Learning and its Applications" from June 22- 30, 2020. (Certificate will be given shortly).

102. Attended Online learning workshop for faculty by QASPIR from 1-3 April 2020.

Chirag Joshi, Vishal Bharti & R. K. Ranjan

100. Presented paper on "Analysis of Feature Selection Method for P2P Botnet Detection ", 4th International Conference on Advances in Computing and Data Sciences (ICACDS 2020), University of Malta, 24-2 Aril 2020.

101. Presented paper on "Botnet Detection Using Machine Learning Algorithms", International Conference on Paradigms of Computing, Communication and Data Sciences (PCCDS-2020), NIT Kurukshetra, 1-3 May 2020.

Diwaker, A. Bhatt, A. Srivastava & A. Agarwal

103. Presented paper on "A Supervised Approach to Assess Classification Techniques for HIS", International Conference on Computational Methods in Science & Technology (AICTE Sponsored), Landran, Mohali, Chandigarh, 11-12June2020.

Dr. Rama Sushil

104. Attended FDP on "Digital Leadership course", 15-17April2020, QASPIR, United Kingdom.

102. Attended Webinar on "NAAC Accreditation System Demo" organized by US based Company in pods. **7 May2020.**

105. Attended Webinar by Shri. Ramesh Pokhriyal 'Nishank'ji Hon'ble Minister - "Human Resource Development", on the topic "Turn the Challenges to Opportunities: COVID-19

Pandemics and measures to combat in Higher Education of India” organized by National Assessment and Accreditation Council (NAAC), Bengaluru, 28- May-2020.

106. Attended online Seminar, AICTE initiatives to help students, faculty and institutions during COVID-19”, organized by MHRD, Govt of India, Speaker: Prof. Anil D Sahashrabudhe, Chairman AICTE, India, 9April2020.
107. Attended Online course on “Community University Engagement: Moving Towards Engaged Teaching, Research and Service”, Organized by Association of Indian Universities with PRIA International Academy, 18-22May2020.
108. Attended Webinar on “Online Teaching-learning and Online assessment demo” organized by US based Company Inpods, 28May2020.
109. Attended Webinar on “Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) Dr. Abhay Jere (Chief Innovation Officer, MHRD's Innovation Cell), 6th Jun by MHRD, Govt.of India.

Bhavna Chilwal

112. Attended Workshop on “International Workshop on Education 4.0: Transformation of Learning Environment organized by the Rajkiya Engineering college, Banda in collaboration with Consilio Intelligence Research lab noida, 29-30 May 2020.

Dr. Amit Kumar Mishra

113. Attended training program on “Artificial Intelligence” organized by International Institute of Information Technology, Naya Raipur, under AICTE Training & Learning (ATAL Academy), 04-08 May 2020.

Chirag Joshi

114. Attended 5 days AICTE Recognized Faculty Development Program on Neural Network and CNN from 14-18 April 2020 Organized by NITTTR Chandigarh.
115. Attended 5 day AICTE Recognized Faculty Development Program on Linux Applications in Engineering Education from 27April-1 May 2020 Organized by NITTTR Chandigarh. A
116. Attended 5 day AICTE Recognized Faculty Development Program on Data Analytics using Python from 18-22 May 2020 Organized by NITTTR Chandigarh.

Mayank Sah

117. Attended FDP on “Machine Learning and its Applications” from April 10-17, 2020, Organized by EICT Academy, IIT Roorkee
118. Attended FDP on “Block chain Technology” from April 21-28, 2020, Organized by EICT Academy, IIT Roorkee

120. Attended FDP on “Python 3.4.3 and Python Django” from Jun 8-13, 2020, Organized by CMR Engg College In Association with IIT Bombay

Anurag Shrivastava

121. Attended online Course on “Research Funding” organized by Elsevier research academy, Completed on 12-April-2020.
122. Attended online Course on “Research Writing skills” organized by Elsevier research academy Completed on 28-April-2020.
123. Attended online Course on “Fundamentals of publishing” organized by Elsevier research academy Completed on 14-June-2020.
124. Attended online Course on “Fundamentals of manuscript preparation” organized by Elsevier research academy Completed on 27-April-2020.
125. Attended online Course on “Finding the right journal” organized by Elsevier research academy Completed, on 14-June-2020.
126. Attended online Course on “Ubuntu Linux” organized by Udemy, Completed on 30-April-2020.
127. Attended online Course on “Machine Learning” organized by Udemy, Completed on 17-April-2020.
128. Attended online Course on “Practical Web-Development” organized by Udemy, Completed on 22-April-2020.
129. Attended online Course on “Deep Learning” organized by Amity Future Academy, Completed on 11-April-2020.
130. Attended online Course on “Machine Learning and AI” organized by Amity Future Academy, Completed on 11-April-2020.
131. Attended online Training on “R” organized by IIT Bombay, Completed on 05-April-2020.
132. Attended online webinar on “Network Sniffing” organized by IEEE on 28-May-2020.
133. Attended online webinar on “System Fundamentals for Cyber Security” organized by IEEE on 07-May-2020.
134. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) organized by MHRD on 06-May-2020.
135. Attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) organized by MHRD on 13-May-2020.
136. Attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) organized by MHRD on 20-May-2020.
137. Attended online FDP on “Cyber Security” organized by NITTTR Chandigarh from 14-May-2020 to 18- May-2020.

138. Attended online FDP on “Application of IOT” organized by NITTTR Chandigarh from 15-June-2020 to 19-June-2020.
139. Attended online FDP on “Data Analytics using Python” organized by NITTTR Chandigarh from 22-June-2020 to 26-June-2020.
140. Attended online FDP on “Basics of R Programming” organized by IIT Bombay, from 29-March-2020 to 03-Apr-2020.
141. Attended online FDP on “Latex” organized by DITU Dehradun, on 13/14-Apr-2020.
142. Attended online FDP on “Recent Trends in Science and Technology” organized by Suresh Gyan Vihar University, Jaipur from 15-june-2020 to 20-june-2020.
143. Attended online FDP on “Migration of IT Infrastructure” organized by Poornima University Jaipur from 15-May-2020 to 21-May-2020.
144. Attended online FDP on “R Language” organized by CHOUKSEY GROUP OF COLLEGES, Bilaspur from 15-June-2020 to 21-June-2020.

Diwaker

145. Attended AICTE Sponsored E-International Conference on Computational Methods in Science & Technology (ICCMST-2020) on June 11-12, 2020.
146. Attended online FDP on “Data Analytics using Python” organized by NITTTR Chandigarh from 22-June-2020 to 26-June-2020.
147. Attended online FDP on “Basics of R Programming” organized by IIT Bombay, from 29-March-2020 to 03-Apr-2020.
148. Attended online FDP on “Latex” organized by DITU Dehradun, on 13 & 14-Apr-2020.
149. Attended online International FDP on “Recent Trends in Science and Technology” organized by Suresh Gyan Vihar University, Jaipur from 15-june-2020 to 20-june-2020.
150. Attended online Course on “Technical Writing” organized by Elsevier research academy Completed, on 1-May-2020.
151. Attended online Course on “Fundamentals of book writing” organized by Elsevier research academy Completed, on 18-May-2020.
152. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) organized by MHRD on 06-June-2020.
153. Attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) organized by MHRD on 13- June-2020.
154. Attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) organized by MHRD on 20- June-2020.

Ankit Agarwal

155. Attended online Course on “Funding” organized by Elsevier Research Academy, completed on 27-April-2020.

156. Attended online Course on “Fundamentals of publishing” organized by Elsevier Research Academy, completed on 12-May-2020.
157. Attended online Course on “Fundamentals of manuscript preparation” organized by Elsevier Research Academy, completed on 23-May-2020.
158. Attended online Course on “Technical writing skills” organized by Elsevier Research Academy, completed on 03-June-2020.
159. Attended online Course on “Finding the right journal” organized by Elsevier Research Academy, completed on 10-June-2020.
160. Attended Online FDP on “Basics of R Programming” organized by Department of CSE, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial from 29 Apr – 03 May, 2020.
161. Attended International FDP on “Recent Trends in Science and Technology” organized by Suresh Gyan Vihar University, Jaipur, from 15 – 20 June, 2020.
162. Attended in “Journal Citation Reports (JCR) South Asia Training & Certification Program 2020” conducted by Web of Science Group, completed on 03-June-2020.
163. Attended in Online FDP on “Data Analytics using Python” organized by NITTTR Chandigarh from 22 June – 26 June, 2020.
164. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) organized by MHRD on 06-June-2020.
165. Attended Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) organized by MHRD on 13- June-2020.
166. Attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) organized by MHRD on 20- June-2020.
167. Attended Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) organized by MHRD on 27-June-2020.
168. Attended Workshop on “Workshop on Cyber Crime Awareness” organized by CollCom sponsored by JNU on 28-May-2020.
169. Attended National Webinar Series on “Research Methodology” organized by Loyola College (Autonomous), Chennai from 12 June – 13 June, 2020.
170. Attended AICTE Sponsored E-International Conference on Computational Methods in Science & Technology (ICCMST-2020) on June 11-12, 2020.

Pooja Gupta

171. Participated in FDP (Online Live Instructor led) on Deep Learning and Its Applications conducted by IIT Roorkee from 04 May to 14 May, 2020.
172. Received NPTEL Online Certification on Machine Learning, ML (8-week course) Feb-Apr 2020.
173. Completed Online FDP on “Python 3” hosted by Prakasam Engineering college in association with IIT Bombay from 25-5-2020 to 31-05-2020
174. Completed one-week online workshop on “Machine Learning Using Python” form 15th June 2020 to 20th June 2020 organized and conducted by Research Shiksha, India.

Dr. Anurag Aeron

175. FDP on 'BlockChain Technology', organized by E&ICT IIT Roorkee, from 21-28 April, 2020
176. Online FDP on 'Machine Learning and Its Application' organized by E&ICT IIT Roorkee, from 05-13 May, 2020.
177. FDP on 'Wireless communication towards 5G', organized by Sinhgad Institute of Technology and Science, Pune, from 25-29 May, 2020.
178. Webinar on 'Combating COVID – 19 Pandemic with AI and Robotics: Innovative Indian Start-up s', JSS Academy of Technical Education Noida, from 08-10 June, 2020.
179. FDP on 'Innovative Teaching Pedagogy in Technical Institutions', organized by KABGT College of Engg. Nashik, from 01-05 June, 2020.
180. FDP on 'Operation Management', organized by Meerut Institute of Technology, from 30 May – 04 June 2020.
181. National Level FDP on 'Outcome Based Education' organized by Manakula Engg. College, Pondicherry, from 05-06 June, 2002.

Dr. Anurag Aeron

182. "How to plan Start-up and Legal and Ethical Steps", organized by ICC DIT University, on 22-April 2020?
183. "Online Faculty Awareness Program on 'NBA Accreditation' organized by IQAC, PACE Institute of Technology, on 19th May 2020.
184. 'Medical Image Processing using Machine Learning' organized by Marathwada Engineering College, on 30 May, 2020;
185. Webinar, 'World Environment Day – Biodiversity', organized by Indian Water Works Association Pune on 05 June 2020;
186. Webinar, Introduction to Machine Learning and Python Programming, organized by Government Arts College, Chennai, on 3 June 2020;
187. Leadership Talk organized by MHRD Innovation Cell 06 June, 2020;
188. 'Creation and Implementation of IPR in University' organized by CIIES DIT University, on 22 May, 2020;
189. Leadership Talk on 'Frugal Innovations and Social Entrepreneurship' organized by MHRD Innovation Cell on 21 May, 2020;
190. Leadership Talk on 'Use of Market Data and Application of Marketing Research Tools and Methodology - Advance Level' organized by MHRD Innovation Cell on 20 May, 2020;
191. 'National Innovation and Start-up Policy for Students and Faculty 2019 - A Guiding Framework for HEIs for Implementation' organized by MHRD on 28 April, 2020 etc.; on 'Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage' organized by MHRD on 22 April, 2020;

192. 'How to plan Start-up and Legal and Ethical Steps' organized by ICC DIT University on 22 April, 2020.

Dr. Srabanti Maji

193. Attended FDP on "Evaluating and Assessing Students for Online Learning" organized by QASPIR from 1-- 3April,2020
194. Attended FDP on "Machine Learning and its Applications" Organized by IIT Roorkee through Zoom from dated 13-20April2020.
195. Attended FDP on "FDP on Python- spoken-tutorials (By IIT Bombay)- 1 June - 5 June, 2020
196. Attended FDP on "FDP on Git & Kotlin"- spoken-tutorials (By IIT Bombay)- 1 June - 5 June, 2020.
197. Attended FDP on "Recent Trends in Science and Technology" from dated 15/06/2020 to 20/06/2020 online from Suresh Gyan Vihar University, Jaipur.
198. Attended FDP on "DATA ANALYTICS WITH PYTHON" from NITTTR Chandigarh from dated 22/6/2020 to 26/6/2020.
199. Attended webinar on "'Open Source & Career Opportunity' on dated 23/06/2020 on Blue Jeans Meeting.

Bibek Kumar

200. Attended One Week AICTE approved Short Term Course on "Convolution neural network", 14-18 April 2020 at NITTTR Chandigarh.
201. Attended One Week AICTE approved Short Term Course on "Linux and its applications", 27 April 2020-01 May 2020 at NITTTR Chandigarh.
202. Attended AICTE approved Short Term Course on "Data Analytics with Python", 18 May 2020- 01 to 23 May 2020 at NITTTR Chandigarh.

Dr. Garima Verma

203. Attended 5 days (26th April to 03rd May 2020) workshop on "Basics of R programming", organized by Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay spoken tutorials.
204. attended one week (7th June to 12th June 2020) workshop on "Data Analysis using Python for beginners" organized by Research Shiksha, New Delhi.
205. Delivered keynote speech in 7 days (15th June to 21st June 2020) workshop on "Basics of Data Science using Python" organized by FsCongress, ANKARA, Turkey in virtual mode.
206. Attended 6 days (15th June to 21st June 2020) workshop on "Latex", organized by VINAYAKRAO PATIL MAHAVIDYALAYA, VAIJAPUR, Maharashtra in virtual mode using google class room.

Sandhya Adhikari

207. Attended 2 days (19th to 20th June 2020) workshop on “Data Engineering in cloud” organized by BITS, Adoni.

Dr. N K Pandey

208. Attended one week (15th June to 19th June 2020) workshop on “Development of Laboratory Instructions “organized by NITTTR Kolkata.

209. Attended one week (13th June to 17th June 2020) workshop on “Next Generation software tools & Trends for industrial solution: Current Practice “organized by Government College of Engineering Aurangabad under TEQIP Programme.

210. delivered Keynote speech in one day (28th June 2020) webinar on “Cloud Computing with SAP” organized by Faculty of engineering and computing Sciences, Teerthankar Mahaveer University Moradabad.

211. Attended one week (1 June to 5th June 2020) workshop on “Sensor, IoT and Machine learning” organized by K J Somaiya college of Engineering Mumbai.

212. Attended one week (22th may to 28 may 2020) workshop on “Novel approach in block chain technology and application” organized by Faculty of engineering and computing Sciences, Teerthankar Mahaveer University Moradabad.

Moumita Ghosh.

213. Attended 3 days’ workshop (1-3, April 2020) on “Online Learning Workshop for Faculty”. - 8 hours

Sanjeev Sharma

214. attended 2 days International Workshop on Education 4.0: Transformation of learning Environment organized by Rajkiya Engineering College Banda in collaboration with Consilio Intelligence Research Lab, Noida during May 29-30, 2020

215. Attended one-week FDP on “Transforming Education with Industry 4.0” organised by JUIT, Solan, HP, India from June 15 to 20, 2020.

Mohd Zia Ur Rehman

216. Attended one-week (22nd June to 29th June 2020) FDP on “Machine Learning and its Application for Electrical Systems” organised by E&ICT Academy IIT Guwahati

217. Attended 5 days (30th May to 3rd June 2020) FDP on “Disruptive Technologies of Industry 4.0” organised by Fr. CRCE, Bandra (W), Mumbai .

Dr. Narendra Kumar

218. Attended/participated in Faculty Development Programme on “Theory and Simulations in Robotics” organized by Department of Electrical Engineering, NIT Patna under Electronics and ICT Academy, NIT Patna, held from 01st – 07th June, 2020 in online mode under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” by the Ministry of Electronics and Information Technology (MeitY), Government of India.
219. attended/participated in 5 days International Faculty Development Program on Emerging Research Areas in Engineering ” Organized by Department of Mechanical Engineering in Association with The Institution of Engineers (India), SRM Institute of Science and Technology, Ramapuram Campus, Chennai-600089, from 5th June to 9th June 2020.
220. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell.
221. Attended Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27th Jun by MHRD's Innovation Cell.
222. Attended Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) held on 20th Jun by MHRD's Innovation Cell.

Chandra Prakash

223. Attended Online FDP on Basics of R Programming from 29th April to 03rd May 2020 organised by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial.
224. Attended 3 days (15th May to 17th May 2020) workshop on “Qualitative Research Perspectives and Practices” organized by Jaipuria School of Business, Ghaziabad (U.P).
225. Attended Online AICTE Recognized FDP on Neural Networks and CNN from 11th May to 15th May 2020, organised by Computer Science and Engineering Department, NITTTR, Chandigarh.
226. Attended Online AICTE Recognized FDP on Data Analytics using Python from 18th May to 22nd May 2020, organised by Curriculum Development Centre Department, NITTTR, Chandigarh.

Dr. Rakesh Kumar Saini

227. Attended 5 days (29th April to 03rd May 2020) workshop on “Basics of R programming”, organized by Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay spoken tutorials.
228. Attended 3 days (15th May to 17th May 2020) workshop on “Qualitative Research Perspectives and Practices” organized by Jaipuria School of Business, Ghaziabad (U.P).
229. Attended 5 days (2nd June to 6th June 2020) workshop on “Python and Emerging Trends in Machine Learning” organized by forsk coding school.

- 230. Attended 6 days (30th May to 4th June 2020) workshop on “Operation management: developing new perspective in the era of AL/ML” Meerut Institute of Technology, Meerut (U.P).
- 231. Attended 5 days (1st June to 5th June 2020) workshop on “Arduino” organized by organized by electronics and communication engineering department, kings engineering college, Chennai.
- 232. Attended 5 days (15th June to 20th June 2020) workshop on “Transforming education with Industry 4.0” organized by department of computer science and engineering & information technology, JP University, Solan, Himanchal Pradesh.

Ashish Singh Parihar

- 233. Delivered talk on a topic in one-week (10th June to 16th June 2020) FDP on “Emerging technology: Research issues and challenges” organised by SVNIET, Lucknow (U.P.).

Sneh Lata Aswal

- 234. Attended A workshop (29th May to 30nd June2020) on Deep learning and its applications, organized by department of computer science and engineering, MNNIT Allahabad.
- 235. Attended EICT Online course (22june to 30 june2020) on Deep Learning and its applications, organized by IIT Roorkee.

Ena Jain

- 236. Attended EICT IIT Roorkee's Online FDP on "Machine Learning and IOT with AWS" from June 23- July 02, 2020.
- 237. Ena Jain, attended 5 day FDP on “Disruptive Technologies of industry 4.0” organised by Department of computer Engineering, Fr. Conceicao Rodrigues College of Engineering, Bandra(w), Mumbai
- 238. Attended Leadership talk with Dr. Nilesh Oak, Expert (Indian Civilization & History held on 30 May by MHRD's Innovation Cell.

Soumen Kanrar

- 239. attended the FDP - ‘Basics of R Programming’ IIT Bombay, 29 April – 03 May 2020
- 240. attended the FDP, attended ‘Security Specialist’ ICT Academy on 15 Jun 2020 to 20 Jun 2020
- 241. attended the FDP, Enhancing Research Capabilities” from 1st June to 5th June, 2020, AICTE, ISTE
- 242. Attended the International FDP, “Recent Trends in Science & Technology. 15 June to 20 June, Suresh Gayan Vihar, University of Teheran & University of Bonn.
- 243. attended the International Summit on Data Science & AI (RBCDSAI's) - IIT Madras 18 June – 20 June 2020

- 244. Participated on line International Discussion on QUANTUM, DATA AND ALGORITHMS- 28 June 2020, Assam University
- 245. Attended the Work shop “on line Teaching learning on line assessment demo 8 the June – Inpods
- 246. attended the “NACC Accreditation Management System Demo” 27 May 2020 - Inpods
- 247. Attended the Work Shop on Machine and Deep Learning with MATLAB for Engineering Application, 16 June , UTECH – West Bengal
- 248. Attended the work shop “NACC Accreditation Management System for Health Sciences Institutions” Inpods, 28 May 2020

Dr. Arshad Husain

- 249. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell.
- 250. Recent Trends in Computing & Computer Networking, Technical Education Quality Improvement Program, NIT Arunachal Pradesh, Yupia, India.

Dr. Sarvesh Vishwakarma

- 251. Leadership Talk - MHRD Innovation cell Govt. of India 20th June 2020
- 252. OBE-Ion CUDOS Training Session on 15th April 2020 at 5:00 – 6:30 PM
- 253. Frugal Innovation and Social Entrepreneurship 21st May 2020 at 03:00 PM conducted by MHRD, Govt. of India

Naveen Kumar

- 254. Attended and Present a research paper in INTERNATIONAL CONFERENCE ON ADVANCE IN COMPUTING COMMUNICATION AND CONTROL ICA3C: 2020, (16Th- 17Th JUNE, 2020).

Ranjeet Kumar Singh

- 255. Attended Conference/Symposium/Workshop and Invited Talks (between April 1-June 30)
- 256. LaTeX training organized at Kakatiya University
- 257. Attended leadership talk with Dr. Nilesh N Oak, Expert (Indian civilization & history)
- 258. Held on 30th May
- 259. TEQIP-III Sponsored five days' workshop cum faculty development program on DATA SCIENCES May 04-08, 2020.
- 260. Attended leadership talk with Dr. Pramod chaudhari, founder, chairman, praj Industries limited and Dr. Abhay Jere, chief innovation officer MHRD Innovation Cell, Saturday, 16th may 2020 at 01.00 PM by MHRD's Innovation Cell
- 261. Faculty development program on “Mathematics modelling and its applications in different fields of study, organised by G.L .Bajaj institute of technology and management, Greater Noida.

Dr. Jyoti Rawat

262. Attended three-weeks Faculty Development Program (FDP-2020) on Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials organized by Indian Institute of Remote Sensing-NNRMS from 13th June to 1st July 2020.
263. Attended a two-week Faculty Development Program (FDP-2020) organized by Bapatla Engineering College, Bapatla, Andhra Pradesh from 2nd June-6th June 2020.
264. Attended a five days Faculty Development Program (FDP-2020) organized by By PRIA International Academy from 18th - 22nd May 2020.
265. Attended a seven days Faculty Development Program (FDP-2020) on Moodle LMS: Exploring new horizons of Teaching-Learning organized by spoken-tutorials By IIT Bombay from 16th - 22nd May 2020.
266. Attended a seven days Faculty Development Program (FDP-2020) on AI and Deep Learning Training organized by NVIDIA from 4th - 8th May 2020.
267. Attended a two days Faculty Development Program (FDP-2020) on *FDP on Cyber Security in Covid-19 Pandemic and Post Pandemic* organized by *GL Bajaj Institute of Technology & Management, Noida* from 16th – 17th May 2020.

DEPARTMENT OF EECE

Dr. Kuldeep Choudhary

268. Successfully attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell.

DEPARTMENT OF MATHEMATICS

Dr. Dheeraj Kumar Joshi

269. D K Joshi and N Awasthi, “Distance and Similarity measures for probabilistic hesitant fuzzy set and its applications in stock selection problem” in International E-Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS-2020) June 28-30, 2020.
270. N. Awasthi and D K Joshi, “Quantum correlation on the basis of memory” in International E-Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS-2020) June 28-30, 2020.
271. Completed 5 Days Online Faculty Development Program (FDP) on Basics of R Programming organised by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National

Mission on Education through ICT, MHRD, Govt. of India) from April 29, 2020 to May 03, 2020.

- 272. Successfully completed R test organized at Rajiv Gandhi University by FIROS A with course material provided by the Spoken Tutorial Project, IIT Bombay.
- 273. Completed 5 Days FDP / Short Training on AI & Deep Learning Applications, conducted by Edux labs from April 20, 2020 to April 24, 2020.
- 274. Certificate of appreciation and participated in “Science E-Talks Online Conclave, organized by Faculty of Basic and Applied Sciences, Vivekananda Global University Jaipur, from 12th–17th May 2020.

Dr. Shilip Singhal

- 275. Completed 5 Days Online Faculty Development Program (FDP) on Basics of R Programming organised by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from April 29, 2020 to May 03, 2020.
- 276. Attended online workshop on sensitization workshop on ganga biodiversity organized by Wildlife Institute of India from May 5, 2020 to May 6, 2020
- 277. Completed one week online course on Community University Engagement: Moving Towards Engaged Teaching, Research and Service from May 18, 2020 to May 22, 2020 organized by Participatory Research in Asia in Association with AIU
- 279. Successfully Completed certification course for Matrix Algebra for Engineers offered by Coursera.

DEPARTMENT OF MANAGEMENT STUDIES

Dr. Vijay Kumar Jain

- 280. Attended One Week FDP on “Machine Learning Using Python” from 15th- 20th June 2020, Organized by Research Shisha.
- 281. completed 12 Week Online Certification on “Business Analytics for Management Decisions” by NPTEL

Dr. Pankaj Kumar

- 282. Attended 5 days’ workshop on “Learning, Pedagogy And Effective use of Case Methodology” organized by ASMA & ASM Group from 17th May to 21st May 2020.

- 283. Attended 1 week workshop on “PLS-SEM using Smart-PLS” from 11th May to 16th May 2020 organized by Research Shikhsa.
- 284. attended 5 days’ FDP on “Basics of R programming” from 29th April to 3rd May 2020, Department of Computer Science and Engineering, Rajiv Gandhi University
- 285. Attended 1 week workshop on “Machine Learning and it applications” from 13th- 20th April 2020 organized by Electronics & ICT Academy, IIT Roorkee.
- 286. attended 5 days’ Workshop on “Online Program on DATA SCIENCE USING PYTHON, ML AND DEEP LEARNING” , 10th April to 14th April , 2020, organized by Utrakhand Science Education & Research Centre, Dehradun

HUMANITIES & LIBERAL ARTS

Dr. Kiran B. Mamgain

- 287. Invited as a resource person and delivered a talk on Emotional Quotient – its Relevance to Maintain Work-life Balance by Small Industries & Manufacturers’ Association on 25th June 2020.
- 288. Attended a conference on Different Factors and Various Schemes of Banks Launched during COVID-19 by RBI organised by Small Industries & Manufacturers’ Association on 17th May 2020.
- 289. Attended a webinar on Use of Online Resources in Teaching-learning Process, organised by UkaTarsadiya University, Gujarat on 20th May 2020.
- 290. Attended a one-week workshop on Basics of Research Methodology organised by University of Mumbai in collaboration with ICSSR from 8th June-13th June 2020.

Dr. Pramod Rai

- 291. Participated in a National Webinar on Building Psychological Resilience in the Community conducted by Department of Humanities & Liberal Arts , DIT University Dehradun on 30 June, 2020
- 292. Participated in a one week Online International Faculty Development Program on Research Strategies and Promotion of Teaching – Learning Process conducted by the Bharat Institute of Engineering & Technology in collaboration with Shodhna Educational Research Foundation, Kadapa from 23 June, 2020 to 28 June, 2020.
- 293. Participated in a six day Online National Workshop entitled, From Campus to Corporate: Grooming the Talent from 14 June to 19 June, 2020 organised by the Faculty of Humanities and Indic Studies of Chaudhary Ranbir Singh University, Jind.

DIT UNIVERSITY-DEHRADUN

Scholarly Activities Report, April – June 2020

- 294. Participated in a one week Online Faculty Development Program on Language and Literature conducted by the Department of English, School of Liberal Arts and Special Education, Kalasalingam Academy of Research and Education from 04 June to 10 June, 2020.
- 295. Participated in a Webinar on Microsoft Technologies on 6 May 2020.
- 296. Participated in a Webinar on Microsoft Technologies on 27 May 2020
- 297. Participated in a Webinar on Ioncudos OBE on 15 April 2020
- 298. Participated in a Webinar on Ioncudos OBE on 21 April 2020

Dr. Sakshi Semwal

- 299. Participated in a National Webinar on Online Teaching -Learning & Online Assessment Demo organized by Inpodsed-Tech on 27th May 2020.
- 300. Participated in National Webinar On “Cultural Studies” organized by Department of English & Icac Cell, B.S.S. Arts, Science & Commerce College, Makani Dr. Babasaheb Ambedkar University, Aurangabad on 10th June 2020.
- 301. Participated in National Webinar On Teaching-Learning Methods and Practices on Digital Platform: Understanding and Developing MOOCs organized by Arya Kanya Mahavidhyalaya Shahabad Markanda Haryana-Swayam MOOC Cell on 11th June 2020.
- 303. Participated in Webinar on Skill Development organized by Brainovision on 11th June 2020.
- 304. Participated in National Webinar on Gender Studies: Rethinking Inequalities organized by PG And Research Department of English, V.O.Chidambaram College, Thoothukudi, Tamil Nadu on 11th June 2020.
- 305. Participated in Two Days International Webinar on Fostering Academic Research & Writing Skills organized by Department Of English Sree Ayyappa College For Women Chunkankadai, Nagercoil, Tamil nadu-629003 on 11-12th June 2020.
- 306. Participated in National Webinar on Research Tools and Software’s For Academics organized by Francis Xavier Engineering College an Autonomous Institution, Vannarpettari, Tirunelveli, Tamil Nadu on 12th June 2020.
- 307. Participated in a National Webinar on ‘A Discussion On Structure: Poetics To Monomyth’ organized by Saurashtra College “Autonomous”, Madurai Kamraj University, Madurai on 15th June 2020.
- 308. Participated in A Webinar on Themes and Methods for Difficult Times under Travel Constraints organized by British Council on 17th June 2020.
- 309. Participated in a National Webinar on Spiritualism in Literature organized by Department of English on Nabira Mahavidhyalya Katol on 17th June 2020.
- 310. Participated in a National Webinar on Home and Home Land on South Asian Diasporic Literature organized by Saurashtra College “Autonomous”, Madurai Kamraj University, Madurai on 15th June 2020.

311. Participated in a webinar “Sensitizing Workplace Communication: A Moral Compass” organized by PG And Research Department Of English, Saraswathi Narayanan College, Madurai Kamaraj University, Madurai 19th June 2020.
312. Presented a paper on the topic Literature and Language: An important Tool for Individual’s Development in Multidisciplinary International Web Conference on Role of Language in Human Development: A Holistic Approach organized by Department of English, Dr. Babasaheb Ambedkar University, Aurangabad & Dnyan prakash Mandal Yemala’s, S.M.Dnyandeo Mohekar Mahavidyalaya, Kalamb, Osmanabad on 22-23rd June.
313. Participated in a Webinar Lecture Series Organized by Christ University Bangalore from 30 June-3rd July 2020.
314. Participated in a National Webinar East West Encounter: Plight and Panacea in Indian Writing organized by Department of English Kamraj College Thoothukudi, Tamil Nadu on 2nd July.
315. Participated in a three day Webinar on Performing Arts organized by Youth Welfare Department, V.O.Chidambaram College, Thoothukudi, Tamil Nadu from 1-3rd July 2020.
316. Participated in an International Webinar “Uniqueness of Oral Literature in African Literature”- A Study organized by Rajapalayam Raju’s College Tamil Nadu on 3rd July 2020
317. Dr. Sanjay Kumar Lenka Invited as a resource person and delivered talk on COVID 19 & its impact on market economy in 2 days International Webinar on “Post Covid 19 & Socio Economic Challenges” held on 4th and 5th June 2020.

Dr. Vikas Kumar Sharma

318. 7 days International Webinar on Role of Alternative and Complementary Therapies to Combat COVID-19: An Integrative Approach organized by MGKVP, Varansi on 27 April-3 May 2020
319. 1 day Webinar on Use of online resources in teaching – learning process organized by UTU, Gujrat on 20th May 2020.
320. 1 day National Webinar on Individual and Organizational Strategies to Deal with Stress Issues during Corona Phase organized by IGNTU, Amarkantak on 26th May 2020.
321. 3 days International Webinar on Promoting Psychological Well-Being: Recent Advancements in Psychotherapies organized by VBS Purvanchal University, Jaunpur UP on 27-29 May 2020.
322. 1 day Webinar on Psychosocial Care and Mental Health in Industry Post Lockdown organized by FICCI on 5 June 2020.
323. MHRD sponsored 7 days FDP on Open Source Tools for Research organized by Ramanujan College, Delhi University on 8-14 June 2020.

324. 10 days National Workshop on Yoga, Psychotherapy and Immunity organized by Central University, Sagar MP on 11-20 June 2020
325. 3 days International Webinar on Problems of Covid19 and Solution through Indigenous Techniques organized by DSVV, Haridwar on 12-14 June 2020
326. Resource Person in 10 days National Workshop on Yoga, Psychotherapy and Immunity organized by Central University, Sagar MP on 14 June 2020.
327. 2 days International Webinar on Yoga, Psychotherapy and Immunity organized by Central University, Sagar MP on 20-21 June 2020.

Dr. Deepesh Kumar Thakur

328. Panel Discussion Invited on the Topic, Entrepreneurship Opportunities in Pandemic, on 8th June, 2020 by Institutions Innovation Council (Ministry of MHRD).
329. Participated in One day National Webinar (Videh Sangoshthi) on Impact of Corona on Education, Literature and Employment, organized by Internal Quality Assurance Cell (IQAC) at BRA Bihar University, Muzaffarpur on 29th May, 2020.
330. Participated & presented a paper in Two days International Webinar on Impact of Current Pandemic COVID-19 on Education, Literature and Society, on the topic of Multicultural Tradition of Indian Language & Literature organized by CCS University, Meerut (UP) on 7-8 June, 2020.
331. Participated in One day National Webinar on the Study of Purana and System of Various Research, Literature and Employment, organized by Indian Purana Studies Institute, New Delhi on 30th May, 2020.
332. Participated in One day National Webinar by MHRD Innovation Cell (Govt. of India) & AICTE on 6th June, 2020.
333. Panel Discussion on the Topic, Entrepreneurship Opportunities in Pandemic, on 8th June, 2020 by Institutions Innovation Council (Ministry of MHRD).
334. Participated in Online International Webinar on “Importance of Vedic Principles of Living in present scenario of Covid-19” by Rashtriya Sanskrit Manch and R.D. & D.J. College, Munger on the dated 7th June, 2020.
335. Participated in one Day International Webinar on “Vartman Sandarbhmein Hindi Sahityaaur Paryavaran”, by Wilcon College, University of Mumbai on 12th June, 2020.
336. Participated in Webinar on “ COVID-19 and its’ Impact on Environment” by Vivek group of Colleges, Bijnor, APJ Technical University, Lucknow (UP) on 13th June,2020.
337. Participated in Webinar on “Nature of Research in Indian Knowledge Tradition” by Centre for Comparative Religions and Civilizations (CCRC) Central University of Jammu (CUJ), on 12th June 2020.

338. Participated in Webinar on “Covid -19 & Indian Economy” by Indian Council of Social Sciences & Research, on 9th to 11th June, 2020.
339. Participated in International Webinar on “The Global Impact of COVID - 19 on Teacher Education: Transforming Challenges into Opportunities” by BR Ambedkar University, Agra on the dated 28 & 29th June, 2020.
340. Participated in One Day Webinar on ‘NAAC Awareness and Procedure to be followed under the Revised Assessment & Accreditation Framework’ organized under the aegis of Rashtriya Uchchar Shiksha Abhiyan, Maharashtra & Joint Director, Higher Education, Nagpur Region held on Friday, June 12, 2020.
341. Participated in International Webinar on “Spirituality and Science are Complementary: Science is incomplete without Spirituality” by World Hindi Secretariat, Mauritius & Rashtriya Sanskrit Manch, Bharat on the dated 21st June, 2020.
342. Participated in International Webinar on “Relevance of Ancient Indian Scriptures in the Present Global Context-IQAC,” by KVS Vishwavidyalaya, Dispur (Assam) on the dated 23rd June, 2020.
343. Participated in International Webinar on “Problems of Covid19 and Solution through Indigenous Techniques,” by Dev Sanskriti Vishwavidyalaya, Haridwar (Uttarakhand) on the dated 12th to 14th June, 2020.
344. Participated in FIVE DAYS NATIONAL LEVEL Online Faculty Development Program (FDP) on PERL SCRIPTING organized by the Department of Computer Science and Engineering, IIT-Bombay from 10th June to 14th June 2020.
345. Participated in In-Depth, An International FIVE DAYS E-Learning Workshop on Language, Literature & Theory, Faculty Development Program (FDP) organized by the Department of English and Cultural Studies, Punjab University, Chandigarh from 6th June to 10th June 2020.
346. Participated in International Webinar on ‘Vartamaan Sandarbh Mein Hindi Sahitya Aur Paryaavaran’ by University of Mumbai on the dated 12th June, 2020.
347. Participated in Live Webinar on ‘Vocal for Local-Innovation & Local-Start-up Entrepreneurship’ by Innovation Council, Ministry of HRD, Government of India, New Delhi on the dated 11th June, 2020.
348. Participate in An International 7 Days E-Learning Workshop organised by Department of English and Cultural Studies, Punjab University, Chandigarh on 15th May to 21st May, 2020.
349. Participate in Five Days Faculty Development Programme (FDP-Online) on Sustainable Education while Combating Pandemics, organised by IQAC at SHDCHE held on 26th -30th May, 2020.
350. Participated in National Webinar on ‘Indian Women: Yesterday, Today & Tomorrow’ by Indira Gandhi National Tribal University, Amarkantak (MP) on the dated 30th June, 2020.

351. Participated in National Webinar on ‘Challenges and Strategies in Commerce and Management, Post COVID Era’ by APS University, Rewa (MP) on the dated 23rd&24th June, 2020.

Dr. Ram Kumar Gupta

352. Attended an International webinar ‘Problems of Covid19 and Solution through Indigenous Techniques’ organized by Dev Sanskriti University, Haridwar during June 12 -14, 2020
353. Attended a national webinar ‘Relevance and Importance of Yoga in Present Scenario’ organized by Gurukul Kangari University, Haridwar during June 17 -19, 2020
354. Delivered a lecture on “Evidence based yogic management of stress” at Karuna Improving your Mental Health on June 14, 2020.
355. Delivered a lecture on “Is suicide is the only option” at Speak Your Mind with Jatin on June 17, 2020.

Dr. Vikas Mishra

356. International Webinar on “Problems of COVID-19 and Solutions through Indigenous Techniques”, Deptt. of Yogic Science & Human Consciousness, Dev Sanskriti Vishwavidyalaya, Gayatrikunj-Shantikunj, Haridwar, June 12-14, 2020.
357. Virtual Conference on “Implications of the Covid-19 Crisis for Labour and Employment in India: Impact, Strategies and Perspectives”, organized by IHD, New Delhi, June 8-9, 2020.
358. International Webinar on ‘Impact of Covid 19 on Return Migration and Foreign Remittance in India with Special Reference to Kerala Economy’ organized by Dept. of Economics, Little Flower College, Guruvayoor, Kerala, May 20, 2020.
359. National Webinar on ‘Economic and Social Impact of Covid-19’ organized by The Post Graduate Deptt. of Economics, M.K. Bhavnagar University, Gujarat, May 11, 2020.
360. Two Days National Webinar on ‘Managing Personal Finance During Covid-19, organized by Govt. P.G. College Obra, Sonbhadra , U.P. , May 6-7, 2020.

Dr. Arun Pratap Singh

361. Invited Speaker in National Webinar on the topic “Yoga for Mental Health” at Mahamaya College, Prayag (June 19, 2020)
362. Attended International Webinar on “Yoga, Psychotherapy & Immunity” by Department of Yoga Education, Dr. Harisingh Gaur University, Sagar, Madhya Pradesh (June 20-21, 2020).
363. Attended Webinar on “Defining Applied Indian Psychology: Issues & Possibilities” by Department of Sanskrit & Research and Training Centre of SD College, Ambala, Panjab (June, 24, 2020)

FACULTY OF PHARMACY

Dr. Sushil Kr. Choudhary

364. S K Choudhary attended Web seminar: Live Webinar - Drug Regulatory and recent advancement on drug development on June 11, 2020.

Dr. Manmohan Singhal

365. M Singhal As resource person in Futuristic information & communication technologies. Organized by Computer Society of India. May 10, 2020

Dr. Rajeev kr. Sharma

366. R K Sharma Attended a Gateway to build career in Pharmacy organized by Faculty of Pharmacy, DIT University. 19 June 2020.

367. Online lecture on International ANTIHYPERTENSIVE DAY. 25 May 2020.

Dr. Manish Gupta

368. Attend a Gateway to build career in Pharmacy at DIT University as a speaker on 19th June 2020.

Dr. Neeraj Sethiya

369. Hangout with Successful Start-ups organized by IIC, CIIES, DIT University Dehradun. 29th April 2020.

370. Research to Rupees through Innovation and Start-up - A way ahead organized by Mandsaur University, Mandsaur, Madhya Pradesh. June 19, 2020

371. Role of Institutional Innovation Council organized by CIIES, DIT University Dehradun. 23 June 2020

Dr. Sharad Visht

372. CSIR-SRTP2020-Lecture

Dr. Havagiray R. Chitme

373. A Gateway to build career in Pharmacy webinar organized by Faculty of Pharmacy, DIT University. 19th June 2020

374. Iron Deficiency Anaemia: a major cause of concern in young and adolescent girls. An online Educational Program organized by Faculty of Pharmacy in Association with Cadila Pharmaceuticals. 29th June 2020
375. Pharmacist: A Frontline Fighter against Corona Virus Infection. Webinar conducted by Faculty of Pharmacy, DIT University, Dehradun. 19th April 2020

DEPARTMENT OF PHYSICS

Dr. Praveen Kumar

376. Dr. Parveen Kumar delivered an Expert Lecture on 30.05.2020 in One week online workshop on “Research Methodology in Physical Sciences” organized by Department of Physics, Chaudhary Ranbir Singh University, Jind, Haryana from 26.05.2020 to 01.06.2020.
377. Dr. Parveen Kumar chaired 02 sessions in One week online workshop on “Research Methodology in Physical Sciences” organized by Department of Physics, Chaudhary Ranbir Singh University, Jind, Haryana from 26.05.2020 to 01.06.2020.

Dr. Vishakha Kaushik

378. Dr. Vishakha Kaushik chaired 02 sessions in One week online workshop on “Research Methodology in Physical Sciences” organized by Department of Physics, Chaudhary Ranbir Singh University, Jind, Haryana from 26.05.2020 to 01.06.2020.

Dr. Natasha Awasthi

379. Dr. Natasha Awasthi present an Oral Presentation on “Quantum correlation on the basis of memory” in Conf International E-Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS-2020) June 28-30, 2020.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey

380. R. K. Pandey attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun, 2020 by MHRD's Innovation Cell.
381. R. K. Pandey attended Leadership talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) held on 13th June, 2020 by MHRD's Innovation Cell.

- 382.** R. K. Pandey attended Leadership talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) held on 20th June, 2020 by MHRD's Innovation Cell.
- 383.** R. K. Pandey attended Leadership talk with Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27th June, 2020 by MHRD's Innovation Cell.
- 384.** R. K. Pandey attended two days International webinar on “Applications of Fluid Mechanics in Physiological Flow Models”, organised by Department of Applied Sciences, DIT University, Dehradun, Uttarakhand, India on 29th and 30th June 2020.
- 385.** R. K. Pandey attended two – weeks Faculty Development Program in June, 2020 organized by DIT University.
- 386.** R. Ganju attended two – weeks Faculty Development Program in June, 2020 organized by DIT University.
- 387.** G. Kumar has been awarded workshop completion certificate of successfully completing “Digital Leadership Course, Part 1: Online Learning workshop for faculty” offered by QASPIR in April 15th -17th 2020.

Dr. Tapas Kumar Dora

- 388.** D. Tapas Kumar Dora had attended a workshop “Digital Leadership Course, Part 1: Online Learning workshop for faculty” organized by QASPIR from 15th to 17th April 2020.
- 389.** Dr. D. Tapas Kumar Dora had attended VCA Webinar – Engineering Applications of Aerogels from Lab to Industry: High-value Engineering Applications of aerogels from Wastes” organized by Vietnamese Chemical Association on 24th May 2020.
- 390.** Dr. D. Tapas Kumar had attended a Webinar on “Role of Chemical Engineering in High Energy Application” organized by Saveeta Engineering College, Anna University on 25th May 2020.
- 391.** Dr. D. Tapas Kumar Dora had attended the Comprehensive Webinar on “Prior-art searching with Google Patents” Conducted by Turnip Innovation Pvt. Ltd on 26th June 2020.

e) BOOK REVIEWS

Dr. Arun Pratap Singh

1. **Reviewed book chapter** “*Yoga for Mental Health Disorders - Research and Practice*” in the book Evidence-Based Perspectives on the Psychophysiology of Yoga and Its Applications published by IGI Global (June, 2020).

f) CREATIVE WORK AND PERFORMANCE

FACULTY OF ARCHITECTURE & DESIGN

Ar. Shreya Giri

1. S. Giri, Actively working on Travel and Architecture blog to be published on Platform: squarespace.com, 07 June 2020

Ar. Charles Porwal

2. C. Porwal, Started the YouTube channel, 16 June 2020
<https://www.youtube.com/watch?v=-c5aw2zVzCI>
<https://www.youtube.com/watch?v=QleMMliG-nI&t=93s>

Ar. Meghna Chatterji

3. M. Chatterji, Learning musical instrument Ukulele, 01 June 2020 till now, working on a “word art series” on social media platform, June 29 till now.

Ar. Sandeep Saxena

4. S. Saxena, Learned the 3D software and their different Plugins, 02 June 2020 till now

g) NEWSPAPER/MAGAZINE ARTICLE AND EDITORIALS

FACULTY OF ARCHITECTURE & DESIGN

Ar. Charles Porwal

1. C. Porwal, featured Article in “Pencil for change “ Portal, 20 April 2020,
<https://www.pencilforchange.com/social-distancing-toolkit-for-everyone/>
<https://www.pencilforchange.com/art-of-social-distancing/>

Ar. Poonam Katre

2. P. Katre, featured Article in “Pencil for change “ Portal, 20 April 2020,
<https://www.pencilforchange.com/social-distancing-toolkit-for-everyone/>
<https://www.pencilforchange.com/art-of-social-distancing/>

V. PATENTS PUBLISHED

SCHOOL OF COMPUTING

Dr. Jyoti Rawat

1. P J Gaidhane, S. Qamar, **Jyoti Rawat**, Rishabh, D K Roy, Rifaqat Ali Khan, “Intelligent method for detecting corona virus using RNA, DNA and share the real time location detection using IOT”, *Indian Patent, Intellectual property*, India, Application No. 202021016563 A. **June 2020**

(VI). ORGANIZATION OF NATIONAL/INTERNATIONAL CONFERENCES/MEETINGS/WORKSHOPS

FACULTY OF ARCHITECTURE & DESIGN

Ar. Shreya Giri

1. S. Giri, Invited as “IIA representative member for Stakeholder’s consultation meeting for review of Master Plan Preparation for Rudrapur and Kashipur”, AMRUT Project, [20 June 2020](#)

SCHOOL OF COMPUTING

Dr. Ritika and Priyanka Dahiya

2. Dr. Ritika organized Webinar on Open Source & Career Opportunity with Mr. Ramesh Padmanabhan, Director, GLS India on 23rd June 2020 in association with COSS India/ Bangalore (Authorized Partner of Red Hat Academy).

HUMANITIES & LIBERAL ARTS

Dr. Vikas Kumar Sharma, Dr. Ram Kumar Gupta & Dr. Arun Pratap Singh

3. Organized a national webinar on “**Building Psychological Resilience in the community**” Department of Humanities & Liberal Arts, DIT University (June 30, 2020)

FACULTY OF PHARMACY

Dr. Vaibhav Walia

4. **Organized and Attended:** Live Webinar on “Creation and implementation of IPR in University” organized by IIC, CIIES, DIT University, Dehradun (**22nd May 2020**).
5. **Organized Webinar: “Post COVID-19 Start-up Scenarios”** organized by IIC, CIIES, DIT University Dehradun (8th May 2020).

6. **Organized Webinar: “Hangout with Successful Start-ups”** organized by IIC, CIIES, DIT University Dehradun (29th April 2020).
7. **Organized Webinar: Live Webinar and panel discussion “World IP Day 2020”** organized by Start-up Buddy’s in association with DIT University Dehradun (26th April 2020)
8. **Organized Webinar “How to plan for Start-up and legal and Ethical Steps”** organized by IIC, CIIES, DIT University Dehradun (22nd April 2020).

Dr. Rajeev kr. Sharma

9. National level online quiz by AAROGYA CLUB ON 22-25th may in which more than 2700 Participants participated all over India.

Dr. Neeraj Sethiya

10. Webinar of CIIES: How to plan for Start-up with legal and Ethical Steps on 22 April 2020
11. Webinar of CIIES: Hangout with successful start-up on 29 April 2020
12. Webinar of CIIES: Post COVID-19 Start-up Scenarios on 08 May 2020.
13. Webinar of CIIES: IPR for Entrepreneurs, Start-up and faculties: The need of hour in today’s society on 22 May 2020.
14. Webinar of CIIES: Role of Faculty in Entrepreneurship and Start-up on 16 June 2020.
15. Webinar of CIIES: Creation and management of IPR in university on 18 June 2020.
16. Webinar of CIIES: Research to rupees through Innovation and start-up a way ahead on 19 June 2020.
17. Webinar of CIIES: Role of Institutional Innovation Council in university on 23 June 2020

Dr. Havagiray R. Chitme

18. A Gateway to build career in Pharmacy webinar organized by Faculty of Pharmacy, DIT University, 19/06/2020.
19. Iron Deficiency Anaemia: a major cause of concern in young and adolescent girls. An online Educational Program organized by Faculty of Pharmacy in Association with Cadila Pharmaceuticals, 29/06/2020
20. Pharmacist: A Frontline Fighter against Corona Virus Infection. Webinar conducted by Faculty of Pharmacy, DIT University, Dehradun 19/04/2020.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey & Rahul Ganju

21. **R. K. Pandey, R. Ganju** organized Webinar on “*Overview of Safety during LPG handling and bottling operations*” on 17th June, 2020.

VII. MEMBERSHIP OF PROFESSIONAL BOARDS/COMMITTEES (OUTSIDE DIT UNIVERSITY), REFEREEING FOR JOURNALS/CONFERENCES/PROJECTS

SCHOOL OF COMPUTING

Tarun Kumar

1. **Mr Tarun Kumar** reviewed a research paper on Intelligent Information System for Suspicious Human Activity Detection in Day and Night for Journal of Computer Science, Science Publication on 21-04-2020.

Dr. Ritika

2. Professional membership of Association for Computing Machinery (Membership no; 4790137)
3. Life time member of International Associations of Engineers (membership No: 170158)
4. Life time member of The Institution of Electronics & Telecommunication Engineers (membership no.: M 500223).
5. Life time membership of The Indian Science Congress Association (membership no.L26495).
6. Member of IEEE since May 2010 (membership no. 91202205).

Anurag Shrivastava

7. TERA(Teaching & Education Research Association)Membership ID: TERA-M110263
8. IAENG(International Association of Engineers) M_id- IAENG-250736
9. IFERP(Institute for Engineering research and publication) M_id- PM36502817
10. IRED(Institute of Research Engineers and Doctor) M_id- AM101000581943
11. CSTA(Computer Science Teachers Association) M_id- 198357987272
12. ASR(Asia Society for Researcher) M_id- R219013006

Diwaker

13. Member IEEE: 93328161
14. IAENG membership number is: 260188
15. TERA Membership TERA M-110503

Ankit Agarwal

16. IEEE Student Member: 92864714
17. International Association of Engineers (IAENG), Hong Kong: 250735
18. Computer Science Teachers Association (CSTA), USA: 198357987273
19. Institute of Research Engineers and Doctors (IRED): AM101000584661
20. Institute for Engineering Research and Publication (IFERP): PM86579304
21. Asia Society of Researchers (ASR): R219003027
22. Teaching and Education Research Association (TERA): TERA-M110509

Dr. Srabanti Maji

23. ACM Member((MN-5924689)

Dr. Sarvesh Vishwakarma

24. Membership Institute of Electrical and Electronics Engineers (IEEE) Young Professionals, USA [IEEE A/c No. 90776397]
25. Institute of Electrical and Electronics Engineers (IEEE) Computer Society, USA [A/c No. 90776397]
26. Association for Computing Machinery (ACM), USA [ACM A/c No. 4535940]
27. IRED Senior Membership [SNM20200562]

DEPARTMENT OF EECE

Dr. Brijlata Chauhan

28. Dr. Brijlata Chauhan elected as the member of Executive council of IETE DEAL Uttarakhand in the AGM conducted on 28th June 2020 online with Delhi, Mumbai, and Kolkata at 12; 30 Pm for 2020-2022.
29. As she was the member of EC for same for 2018-2020.

DEPARTMENT OF MATHEMATICS

Dr. Dheeraj Kumar Joshi

30. Membership of IEEE
31. Membership of MCDM Society
32. Membership of Operational Research Society of India

DEPARTMENT OF PETROLEUM ENGINEERING

Dr. Tapas kumar Dora

33. **T. K. Dora** reviewed a paper entitled “The impact of formulation variables on the optimization of pilot scale clobetasol 17-propionate creams” for Journal of Cogent Engineering (Taylor & Francis) on 29th June 2020.

34. **T. K. Dora** reviewed a paper entitled “Prediction of Filtrated mud Saturation Impact on the formation damage” for Journal of Cogent Engineering (Taylor & Francis) on 21st April 2020.

Rakesh Kumar Pandey

35. **R. K. Pandey**, Member (Membership ID: 4068820), Society of Petroleum Engineers (SPE).

Gopal Kumar

36. **G. Kumar**, Member (Membership No. 4717667), Society of Petroleum Engineers.

FACULTY OF PHARMACY

Dr. Bhavna

37. Member of Editorial Board, American Research Journal of Pharmacy, American Research Journals, Inc. (June 2020) <https://www.arjonline.org/american-research-journal-of-pharmacy/editorial-board>

Mrs. Shraddha M. Gupta

38 Community Membership of ACS, Membership no: 32382428 (June2020-21)

39 Associate Member of Royal Society of Chemistry (RSC), Membership no: 687220 (June2020-21)

Dr. Mansih Gupta

40 Invited as Editorial Board Member of Progress in Drug Discovery and Biomedical Science.

Dr. Neeraj Sethiya

41 Editorial Board Members: Journal 1: Plant Science Today

42 Editorial Board Members: Journal 2: Research Journal of Medicinal Plant

43 Editorial Board Members: Journal 3: Journal of Pharmacology and Toxicology

Dr. Sharad Visht

44 SPER/LM/UK/025

VIII. AWARDS/HONORS/FELLOWSHIPS

SCHOOL OF COMPUTING

Dr. Vishal Bharti

1. Received “**Research Excellence Award 2020**” by Institute of Scholars

Mr. Tarun Kumar

2. **Tarun Kumar** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program on **20/05/2020**.

Ms. Rashika Bangroo

3. Cleared R Programming Online Test conducted by IIT Bombay, 2 MOOC Courses Completed

Mayank Sah

4. **Mayank Sah** was invited as a resource person for webinar on “Recent Trends in Information Technology”, on **27-June-2020**, Organized by MIET Kumaon, Haldwani.

Anurag Shrivastava

5. **Anurag Shrivastava** was invited as a Resource person “Yoga Expert on International Yoga Day, in webinar on conducted by Gyan Ganga Group of Institutions, Jabalpur, M.P. on **21-June-2020**.

Dr. Garima Verma

6. **G.Verma** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **19th May 2020**.

Sandhya Adhikari

7. **S. Adhikari** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **23rd June 2020**.

Dr. N K Pandey

8. **N K Pandey** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **20th May 2020**.

Mr. Sanjeev Sharma

9. **S. Sharma** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **20th May 2020**.

Dr.Narendra Kumar

10. **N. Kumar** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **21th May 2020**.

Chandra Prakash

11. **C Prakash** has been awarded Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **19th May 2020**.

Dr. Rakesh Kumar Saini

12. **R.K Saini** has received award of honor for Conference Co-Chair in International Conference on Advances in Computing and Data Sciences (ICACDS-2020) organized by Faculty of Information & Communication Technology, University of Malta, Valletta, Malta on **24th & 25th April 2020**.
13. **R.K Saini** has been awarded this Microsoft in Education certificate in recognition of membership in the: Certified Microsoft Innovative Educator program- **19th May 2020**.

Dr. Sarvesh Vishwakarma

14. Completed “Google Cloud Platform Fundamentals: Core Infrastructure” Google Cloud Training Course on courser **07-April-2020**.

FACULTY OF PETROLEUM ENGINEERING

Dr. Tapas Kumar Dora

15. **T. K. Dora** has received “Young Achiever Award” by *Institute of Scholars, Bengaluru* in **May 2020**.

Gopal Kumar

16. **G. Kumar**, awarded certificate of appreciation for his dedicated service as faculty advisor, SPE DITU Student Chapter for the academic **session 2017-20**.

FACULTY OF PHARMACY

Dr. Ashok Behera

17. Honor as Mentor for **CSIR-SRTP 2020** (summer research training programme mentor for project no.13 “Interdisciplinary approach for sustainable use of resources”).

Mrs. Shraddha M. Gupta

18. Honor as Mentor for **CSIR-SRTP 2020** (summer research training program mentor for project no. 13 “Interdisciplinary approach for sustainable use of resources”).

Dr. Manmohan Singhal

19. Honor as Mentor for **CSIR-SRTP 2020** (summer research training programme mentor for project no.13 “Interdisciplinary approach for sustainable use of resources”).

Dr. Manish Gupta

20. Honor as Mentor for **CSIR-SRTP 2020** (Summer research training programme mentor for project no. 2

21. Appointed as an assessor for **DISSO RESEARCH PRESENTATIONS INDIA 2020-ONLINE** conference.

Dr. Havagiray Chitme

22. Honor as Mentor for **CSIR-SRTP 2020** (summer research training programme for project no. 2 and 13. Mentoring 26 students

Dr. Rajeev Kumar Sharma

24 Honor as Mentor for **CSIR-SRTP 2020** (Summer research training programme

Dr. Anuj Nautiyal

25 Honor as Mentor for **CSIR-SRTP 2020** (Summer research training programme

IX. DOCTORAL STUDENTS AWARDS/ACHIEVEMENTS

SCHOOL OF COMPUTING

Rashika Bangroo

1. Cleared R Programming Online Test conducted by IIT Bombay, 2 MOOC Courses Completed

Dr. Rama Sushil

2. Under the guidance of **Dr. Rama Sushil**, in RDC-1, two research proposals of **Anurag Shrivastav & Ankit agarwal** got status “Satisfactory” to proceed for PhD program, registered in Department of CSE, School of Computing, DIT University, **8th April 2020**.

X. CONSULTANCY DETAILS

XI. ANY OTHER ACHIEVEMENTS

FACULTY OF ARCHITECTURE & DESIGN

Ar. Jitendra Kumar Sarohi

1. J. Sarohi, Awarded Online Certification for passing the course “Sustainable Architecture” with Score 96%, NPTEL, **June 2020**
2. J. Sarohi, Certificate of Achievement in recognition of successful completion of the course Developing as an Online Practitioner, QASPIR, **June 2020**

Ar. Shreya Giri

3. S. Giri, Shortlisted as a Faculty translator for Online courses on NPTEL (National Programme on Technology Enhanced Learning), MHRD School, **20 May 2020**
4. S. Giri, Awarded Diploma Proficiency in the German Language with grade A, School
5. of Liberal Arts and science, Mody University, **April 2020**

Ar. Meghna Chatterji

6. M. Chatterji, Invited as a Judge for the event “Morphological Façade”, Amity Noida, **11 May 2020**
7. M. Chatterji, Invited for an interview “Ideas Unlugged: Meghna Chatterji on conservation architecture and Music”, by Shankar Hemmady, **29 June 2020** (The link will be available soon)

8. M. Chatterji, Enrolled in a NPTEL course, **June 2020**

Ar. Charles Porwal

9. C. Porwal, Abstract Selected for 56th ISOCARP International Conference happening in Doha, Qatar in November. Working on research paper with title "Exploring the spatial tools to generate social inclusive & empowered space for people living in margins" which is been accepted for Track 6: Creating Healthy and Inclusive Urban Environment.

Ar. Poonam Katre

10. P. Katre, Abstract Selected for 56th ISOCARP International Conference happening in Doha, Qatar in November. Working on research paper with title "**Exploring the spatial tools to generate social inclusive & empowered space for people living in margins**" which is been accepted for **Track 6: Creating Healthy and Inclusive Urban Environment**.

SCHOOL OF COMPUTING

Mr Anuj Kumar Yadav

11. Completed Certification Course on "Cloud Computing (8 Weeks)" on the SWAYAMplatform (swayam.gov.in), during the Jan-Apr 2020 semester, certificate received on **16th June 2020**.

12. Completed Certification Course on "AWS Fundamentals: Going Cloud-Native (5 Weeks)" by Coursera on **June 6th 2020**.

13. Completed Certification Course on "Introduction to Cloud Identity (1 Week) " by Coursera on **11th May 2020**.

14. Completed Certification Course on "Cloud Computing Basics-Cloud 101 (3 Weeks)" by Coursera on **1st May 2020**.

Mr. Kushal Gupta

15. 5 Week MOOC course on topic "Mathematical Thinking in Computer Science" organized by University of California San Diego and National Research University Higher School of Economics and offered through Coursera.

Mr Tarun Kumar

16. Online Certification Course on Python Programming Essentials conducted by Coursera on 24-05-2020.

17. Online Certification Course on Introduction to Artificial Intelligence (AI) conducted by Coursera on **25-05-2020**.
18. Online Certification Course on Machine Learning A-Z™: Hands-On Python & R in Data Science conducted by Udemy on **25-05-2020**.
19. Online Certification Course on Identity & Access Management conducted by IBM Career Education Program from **01-06-2020 to 05-06-2020**.
20. Online Certification Course on Introduction to Cybersecurity Tools & Cyber Attacks conducted by Coursera on **20-06-2020**

Dr. Garima Verma

21. Dr. Garima Verma, chaired a session in the track of international conference FSECON 2020, Turkey, in virtual mode, **25th May to 30th May 2020**.

Dr. Narendra Kumar

22. One Research Article has accepted in International Journal of Intelligent Networks on title "Role of IoT to Avoid Spreading of COVID-19"

Dr. Rakesh Kumar Saini

23. Dr. Rakesh Kumar Saini, chaired a session in the track of International Conference on Advances in Computing and Data Sciences (ICACDS-2020) organized by faculty of Information & Communication Technology, University of Malta, Valletta, Malta, 24th April to **25th April 2020**.

Priyanka Dahiya

24. Participated in Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History), held on 30th May, Dr. Abhay Jere (Chief Innovation Officer- MHRD Innovation Cell, Govt. of India) Hosting Live session of Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) by MHRD's Innovation Cell
25. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell.
26. Participated in Reverse Migration and Skill development of Woman Entrepreneurs, organized by Manipal University Jaipur.
27. Online Certification course on Support Vector Machines in Python conducted by Coursera.
28. Online Certification course on COVID-19 Contact Tracing conducted by Coursera.
29. Online Certification course on Machine Learning conducted by Coursera.
30. Online Certification course on Linear Regression with NumPy and Python conducted by Coursera.
31. Online Certification course on Linear Regression with Python conducted by Coursera.
32. Online Certification course on Python for machine Learning conducted by Great Learning.
33. Online Certification course on NBA Accreditation and Teaching-Learning in Engineering (NATE) conducted by SWAYAM from **27-01-2020 to 20-04-2020**.
34. Online Certification course on Cryptography and Network Security conducted by SWAYAM from **27-01-2020 to 20-04-2020**
35. 9 Online Certification course on Effective Engineering Teaching in Practice conducted by SWAYAM from **27-01-2020 to 21-02-2020**

Dr. Ritika

36. Participated in National Level Quiz on “Use of Python in Data Science, IOT and Machine Learning” and scored 80%, conducted by the Department of Computer Science and Engineering & Electronics and Communication Engineering, Calcutta Institute of Technology, India on **3-8 June 2020**.
37. Participated in Webinar on QS I-Gauge E-LEAD (E-Learning Excellence for Academic Digitization), Certificate for exceptional E-learning Methods on **14 May 2020** (E-Learning/Nodal Coordinator) in which DIT University is awarded as Uttarakhand First University to be awarded for exceptional E-learning Methods.
38. Successfully completed the Online Awareness Test (scored 100%) on “Methodology for Social Science Research” conducted by the Department of Commerce, Sree Sankara Vidyapeetom College, Valanchirangara, Perumbavoor, Kerala, India on **6 May 2020**.
39. Completed 4 weeks duration course on “Neural Networks and Deep Learning” on **17 June 2020**, an online non-credit course offered through Coursera.
40. Completed 16 Hrs online course on “Mastering in Big data Analytics” offered by Great Learning in collaboration on **7 June 2020**.
41. Completed 5 Hrs online course on “Python for Machine Learning” offered by Great Learning in collaboration on **30 May 2020**
42. Completed 6 Hrs online course on “Machine Learning Foundation” offered by Great Learning Academy on **22 May 2020**
43. Completed 4 weeks duration course on “Machine Learning for all” on **13 May 2020**, an online non-credit course authorized by University of London and offered through Coursera.

Dr. Ranjeet K. Ranjan

44. NPTEL MOOC Certification-Python for Data Science
45. Coursera: Computer Vision - Image Basics with Open CV and Python
46. Coursera: Logistic Regression with NumPy and Python

Ms. Ruchi Sharma

47. Online Certification Course on Linear Regression with numpy and python conducted by Coursera on **11-06-2020**.
48. Online Certification Course on COVID-19 contact training conducted by Coursera on **09-06-2020**
49. Online Certification Course on Introduction to Python conducted by Coursera on **11-06-2020**.
50. Online Certification Course on Linear Regression with python conducted by Coursera on **12-06-2020**
51. Online Certification Course on Logistic Regression with numpy and python conducted by Coursera on **13-06-2020**
52. Online Certification Course on Linear Regression with pyhton and numpy conducted by Coursera on **15-06- 2020**
53. Online Certification Course on Machine Learning conducted by Coursera on **10-06-2020**
54. Online Certification Course on Object oriented programming with JAVA conducted by Coursera on **11-06-2020**

55. Online Certification Course on Support vector machine with scikit Learn conducted by Coursera on **21-06-2020**

Aditi Sharma

56. Completed “Machine Learning Specialization” by University of Washington, Coursera and “Big Data Specialization” by University of California San Diego, Coursera.

Deep Kumar

57. Completed Coursera courses on AI, Neuroscience & AWS.

Deepika Vatsa

58. Completed coursera courses on Real time systems and Machine Learning

Ajay Kumar

59. Completed "Programming for everybody" by Coursera on **15 Jun 2020**

Nitin Thapliyal

60. Completed TCS carrier edge from **25 April to 31 may 2020**

Pradeep Singh Rawat

61. Completed FDP (data analytics using python)From **22 -26 June 2020**

Dr. Anil Kumar

62. Online Certification course on Machine Learning conducted by Coursera.

63. Online Certification course on Linear Regression with NumPy and Python conducted by Coursera.

64. Online Certification course on COVID-19 Contact Tracing conducted by Coursera.

65. Online Certification course on Logistic Regression with NumPy and Python conducted by Coursera.

66. Online Certification course on Support Vector Machine Classification in Python conducted by coursera.

67. Online Certification course on Severe Acute Respiratory Infection (SARI) Treatment Facility Design conducted by World Health Organization (WHO).

68. Online Certification course on Severe Acute Respiratory Infection (SARI) Treatment Facility Design conducted by World Health Organization (WHO).

69. Online Certification course on ePROTECT Respiratory Infections (EN) conducted by World Health Organization (WHO).

70. Online Certification course on emerging respiratory viruses, including COVID-19: methods for

- detection, prevention, response and control conducted by World Health Organization (WHO).
71. Online Certification course on COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response conducted by World Health Organization (WHO).
 72. Online Certification course on Introduction to Go. Data – Field data collection, chains of transmission and contact follow-up conducted by World Health Organization (WHO).
 73. Online Certification course on Machine Learning conducted by Great Learning.
 74. Online Certification course on NBA Accreditation and Teaching-Learning in Engineering (NATE) conducted by SWAYAM from **27-01-2020 to 20-04-2020**.
 75. Online Certification course on Problem solving through Programming in C conducted by SWAYAM from **27-01-2020 to 20-04-2020**.
 76. Online Certification course on An Introduction to Programming Through C++ conducted by SWAYAM from **27-01-2020 to 20-04-2020**.
 77. Online Certification course on Effective Engineering Teaching in Practice conducted by SWAYAM from **27-01-2020 to 21-02-2020**.
 78. Online Certification course on Design and analysis of algorithms conducted by SWAYAM from **27-01-2020 to 20-03-2020**.
 79. Online Certification course on Introduction to algorithms and analysis conducted by SWAYAM from **27-01-2020 to 20-04-2020**.

Nishtha Rawat

80. Completed coursera project on “Image Denoising Using Auto Encoders in Keras and Python”.

DEPARTMENT OF EECE

Dr. Kuldeep Choudhary

81. Certificate of Appreciation- Quiz “GREEN TECHNOLOGY for SUSTAINABILITY “conducted by the Department of Humanities and Science of St.Xavier’s Catholic College of Engineering, **16th June 2020**.

HUMANITIES & LIBERAL ARTS

Dr. Vikas Misra

82. Five Day Faculty Development Programme on “Evolution from Offline to Online Teaching”, Salish Pradhan Dnyanasadhana College, Thane, in association with Dept. of Information Technology, University of Mumbai, YCM Open University and Microsoft, **May 30 to June 03, 2020**.
83. One Day Faculty Development Programme on “Online Teaching Learning Tools”, G.S. College of Commerce & Economics, Jabalpur (M.P.), **May 27, 2020**.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey

84. R. K. Pandey has been awarded course completion certificate by Coursera for successfully completing 4 weeks course on “Neural Networks and Deep Learning” offered by Deeplearning.ai.
85. R. K. Pandey has been awarded course completion certificate by Coursera for successfully completing 11 weeks course on “Machine Learning” offered by Stanford University.
86. R. K. Pandey has been awarded course completion certificate by NPTEL Online Certification for successfully completing 12 weeks course on “Data Analytics with Python” offered by IIT - Roorkee.
87. R. K. Pandey has been awarded course completion certificate by Coursera for successfully completing 4 weeks course on “Python Basics” offered by University of Michigan.
88. R. K. Pandey has been awarded course completion certificate by Coursera for successfully completing 2 weeks course on “Oil & Gas Operations and Markets” offered by Duke University.
89. R. K. Pandey has been awarded guided project completion certificate by Coursera for successfully completing 1 week guided project on “Linear Regression with NumPy and Python” offered by Coursera Project Network.
90. R. K. Pandey has been awarded guided project completion certificate by Coursera for successfully completing 1 week guided project on “Logistic Regression with NumPy and Python” offered by Coursera Project Network.
91. R. K. Pandey has been awarded guided project completion certificate by Coursera for successfully completing 1 week guided project on “Linear Regression with Python” offered by Coursera Project Network.
92. R. K. Pandey has been awarded guided project completion certificate by Coursera for successfully completing 1 week guided project on “COVID 19 Data Analysis Using Python” offered by Coursera Project Network.

Gopal Kumar

93. G. Kumar has been awarded course completion certificate of successfully completing “Virtual Teaching” offered by Coursera in **June 2020**.

FACULTY OF PHARMACY

Dr. Ashok Behera

94. National Level Five Day faculty development program on “Scilab” in Association with IIT-Bombay (Remote Learning through Spoken Tutorial), from **15th-19th, June 2020** organized by the Department of Science & Humanities.
95. National workshop on “Academic Process, Measures and Metrics of TEI for NAAC-RAF” Organized by Internal Quality Assurance Cell of V.O.C. College of Education, Thoothukudi, Tamil Nadu from **8th June to 12th June 2020**.
96. Five Day faculty development program on “Evolution from offline to online teaching” **30th May to**

3rd June 2020 University of Mumbai.

97. e-FAI e-Faculty Advancement Initiative Theme: Road Ahead, Scope of Online Teaching Advancement Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central, conducted online between **26 to 29 of May 2020**.

Dr. Bhavna

98. MOOC Course, By Coursera, COVID-19: What You Need to Know (CME Eligible), by Osmosis.Org (Completed on **19/04/2020**)
99. MOOC Course, By Coursera, COVID-19: Contact Tracing, by Johns Hopkins University (Completed on **27/05/2020**)

Shraddha M. Gupta

100. e-FAI e-Faculty Advancement Initiative Theme: Road Ahead, Scope of Online Teaching Advancement Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central, conducted online between **26 to 29 of May 2020**.
101. National Level FDP on INNOVATIVE TRENDS IN PHARMACEUTICAL SCIENCES by Bharati Vidyapeeth College of Pharmacy, Kolhapur (MS). From **11-17 June2020**.
102. Sensitization of Educational Methodology for Pharmaceutical Academic Leaders (SEMPAL) by APTI on **18th April 2020**.
103. Artificial Intelligence & Drug Discovery (An Advanced Course I, II, III) by SVERI (MS). From **27May-9 June2020**.
104. Introduction to Pharmacy Practice, AC-1334-16816817, Alison (3 weeks) completed on **4th June 2020**.
105. Course on Integration of Bloom's Taxonomy in Teaching by MET institute on 2nd **May2020**.
106. Course on Research grants and funding- A guide to acquiring vitamin-M (APTI) on **15th May2020**.
107. Course on 'THE SCIENCE OF MEDICINES', MONASH UNIVERSITY. (6 weeks). Completed in **June2020**
108. Course on 'PROFESSIONAL RESILIENCE: BUILDING SKILLS TO THRIVE AT WORK' DEAKIN UNIVERSITY. (2 weeks) Completed in **June2020**.
109. Course on 'MANAGING MENTAL HEALTH AND STRESS', COVENTRY UNIVERSITY (2 weeks) Completed in **June2020**.
110. Course on ENGLISH FOR HEALTHCARE, KING'S COLLEGE LONDON. (4 weeks) Completed in **June2020**.
111. Coursera: COVID-19: What You Need to Know (CME Eligible) from 25-31 **May2020**.
112. Coursera: COVID-19 Contact Tracing John Hopkins University. (36MQ74Q3S9YN) from 25-31 **May2020**.
113. WHO certified 4 Courses from **27May-1st June 2020**.
114. Certified Microsoft Innovative Educator program (DIT) on **19th May 2020**.
115. Research Academy (Elsevier) 5 certifications from **24-25 May 2020**.

Dr. Manmohan Singhal

116. Online learning workshop for faculty by QASPIR on **1-3 April 2020**.
117. International e-Conference on Pharmaceutical care & management prospective of covid-19 pandemic by Rayat Bahra University, Mohali & APTI on **15-16 May 2020**.

118. International conference on Covid-19: Challenges in Testing prophylaxis & Management: ISFCON-2020 by SPER, ISPOR, ISF college of Pharmacy, Moga on **22-23 May 2020**.
119. International conference on impact of natural bioactive compounds for the treatment of CoVid-19 diagnostic challenges and futuristic perspectives by Hericure healthcare group, Pune & University of Kwazulunatal, Durba, South Africa on **30-31 May 2020**.
120. e-FAI e- Faculty Advancement Initiative on Road Ahead, Scope of online teaching advancement by APTI Odisha Branch & APTI Central on **26-29 May 2020**.
121. International Web Conference OPFiCON 2020 on Expert Opinion: Exploring Clinical & Pharmaceutical Industries with future endeavour & Opportunities by Operant Pharmacy Federation & KGR institute of Technology & Management, Hyderabad on June 2nd, 2020.
122. International Conference on Innovation in Pharmaceutical, Medical & Bio Sciences by Oriental University Indore on **June 5-6, 2020**.
123. SPARC-INDO-US Immunology Workshop by IIT Ropar & The George Washington University, USA on **June 12-13, 2020**
124. One Week FDP on Maximal Utilization of ICT Tools for Online Teaching-Learning Process” (Theme: Facing COVID-19 Challenge as Teachers by TEQIP-III, Rajkiya Engineering College, Ambedkar Nagar. J. C. Bose University of Science & Technology, YMCA, Haryana on 9-13 **May 2020**.
125. Two Week FDP on Pedagogy and challenges in Pharmaceutical research by Maharajah’s College of Pharmacy, Andhra Pradesh on **1-12 June 2020**.

Dr. Rajeev kr. Sharma

126. Selected as mentor in CSIR SRTP PROJECT (Mentor of 24 STUDENTS from renowned University)
127. Certificate course on “Understanding Research Methods “conducted by Course era and University of London & SOAS University of London.
128. Certificate course on “Covid-19: Contact tracing “conducted by Course era and & John Hopkins University, USA
129. Certificate course on “Introduction to molecular spectroscopy “conducted by Course era and & Manchester University, United Kingdom
130. Certificate course on “Drug discovery “conducted by Course era and & University of California, USA
131. Certificate course on “Covid-19: What you need to know “conducted by Course era and & Osmosis
132. Certificate course on “Epidemic Endemic and Outbreak “conducted by Course era and & University of Pittsberg, USA
133. Certificate course on “Mindshift: Break through obstacle to learning and discovery conducted by Course Era and & Mc Master University.
134. Certificate course on “SARI treatment facility design conducted by WHO on **13th April**.
135. Certificate course on “Introduction to go data, field data collection, chain of transmission and contact
136. Follow up on **13th April 2020**.
137. Completed course on NBA entitled Capacity building on NBA criteria 1-10 OPC Private Ltd.

Dr. Manish Gupta

138. Attended e-FAI e-Faculty Advancement Initiative Theme: Road Ahead, Scope of Online Teaching Advancement Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central, conducted online between **26 to 29 of May 2020**.
139. Completed MOOC courses on Introduction to Pharmacy Practice from Alison.
140. Completed MOOC courses on COVID-19: What You Need to Know (CME Eligible) from Coursera.

141. Attended Science Academies'-INAYAS Science Leadership Workshop | **22-28 June 2020** with certification after exit exam.
142. Attended the 01-credit point CPE webinar on Understanding Practice school and its concept in UG education by PCI
143. Attended SEMPAL by APTI on **18th April 2020**.
144. Attended Course on Research grants and funding- A guide to acquiring vitamin-M (APTI) on **15th May 2020**.

Dr. Neeraj Sethiya

145. 2 Online FDP Attended
146. 2 Swayam Course Completed
147. 19 Online Training Completed

Mr. Samir Bhargava

148. FDP-basics of R Programming – IIT Bombay – 5 Days (**29 April- 3 May 2020**)
149. FDP - Community University Engagement: Moving Towards Engaged Teaching, Research and Service- PRIA Academy and AIU (**1 Week, May 2020**)
150. FDP- An e-Faculty Advancement Initiative-Road Ahead, Scope of Online Teaching Advancement. BY APTI-Odhisha.- 4 Days (**26-29 May, 2020**)
151. Online National workshop on “Academic Process, Measures and Metrics of TEI for NAAC-RAF”- 5 Days (**8 June – 12 June, 2020**)
152. SPARC-INDO-US Immunology Workshop of 2 Days – IIT Ropar and George Washington University USA (**12 June – 13 June, 2020**)
153. FDP- Innovations in Drug Delivery Systems – 7 Days – Bapla College of Pharmacy and IPA India (**31 May – 5 June, 2020**)
154. FDP - Pharmaceutical Product Development: Challenges and Opportunities – 5 Days- In association With IPA and APTI India (**15 June – 19 June, 2020**)
155. FDP – 12 Days – Pedagogy and Challenges in Pharmaceutical Research-Maharaja College of Pharmacy, Vishakhapatnam (**1 June – 12 June, 2020**)
156. Workshop by APTI India on-
 - a. PK Mod and SIM – **May 2020**
 - b. QBD Product Development – **May 2020**
 - c. Research Grants and Funding approaches – **May 2020**
 - d. Meditation – **May 2020**
 - e. FCEM – April - **May, 2020**
157. Completed Courses by Coursera-
 - a. Writing in Sciences (**9 June, 2020**)
158. Completed 1 Credit CEP by Pharmacy Council of India – New Delhi and JSS Ooty (**23, May, 2020**)

DEPARTMENT OF PHYSICS

Dr. Surbhi Sachdev

159. Dr. Surbhi Sachdev has completed a certificate course on “AI for everyone” from Coursera.
160. Dr. Surbhi Sachdev has attended webinar on Advanced OBE-Identifying weaker students and

remedial actions. **May 15, 2020** conducted by InPods Ed-tech.

Dr. Manoj Bhatnagar

- 161. Dr. Manoj Bhatnagar has completed a certificate course on “AI for everyone” from Coursera
- 162. Dr. Manoj Bhatnagar has completed a course on “Introduction to Solar Cells” from Couseara by “Technical University Denmark”
- 163. Dr. Manoj Bhatnagar has completed a certificate course on “Programming for everybody”(Getting Started with Python) from cousera by “University of Michigan”

DEPARTMENT OF CIVIL ENGINEERING

Dr. Ayush Chandrakar

- 164. Attend a webinar on topic, Integrated Watershed Management: Issues and Challenges. **June 2020**

Dr. Mansha Swami

- 165. Attend a webinar on Topic, Road Safety and Traffic Calming Measures. **June 2020**
- 166. Attend a webinar on Topic, Disaster management in Hilly areas. **June 2020**

Dr. B. K Singh

- 167. Attend a webinar on Topic, Strategies to enhance research visibility, impact & Citation. **June 2020**
- 168. Attend a webinar on Topic, Utilization of Industrial Waste Material used in Concrete Pavements. **June 2020**

Dr. Tarumay Ghoshal

- 169. Attend a webinar on Topic, Group Head, Geosciences & Disaster management studies group, IIRS, Dehradun. **June 2020**
- 170. Attend a webinar on Topic, Forensic investigation on distress and rehabilitation of a RCC industrial building and steel industrial building, Dehradun. **June 2020.**