



Scholarly Activities Report



Scholarly Activities Report

April 2021 - June 2021

KEY STATISTICS												
Schools/Departments	Journal/Conference/Patents Publications at a glance: April 2021 - June 2021								Yearly Data Till Date (Cycle July 2020 - June 2021)			
	Journal Publications			Conference Publications			Patents		Journals	Confs	Patents	
	WOS	SCOPUS	Other	WOS	SCOPUS	Other	Published	Granted			Published	Granted
SOC	7	3	-	-	3	2	1	1	27	13	6	3
SOPPHI	2	1	2	-	-	-	1	-	17	-	2	-
SOAD	-	-	1	-	-	2	-	-	1	5	-	-
SOPS-Physics	5	1	-	-	-	-	-	-	9	1	-	-
SOPS-Chemistry	1	1	-	-	-	-	-	-	5	-	-	-
SOPS-Mathematics	-	-	-	-	-	1	-	-	8	5	-	-
SOET-EECE	6	-	-	-	-	1	-	-	23	4	-	-
SOET-ME	6	-	-	-	-	-	1	-	11	3	-	-
SOET_CE	-	-	-	-	-	-	-	-	1	2	-	-
SOET-PE	-	2	-	-	-	-	-	-	5	2	-	-
SOLAM-Humanities	-	-	-	-	-	6	-	-	-	6	-	-
SOLAM-Management	-	1	-	-	-	-	-	-	3	10	-	-
Total	27	9	3	0	3	12	3	1	110	51	8	3

I. ACTIVE SEED PROJECTS UNDERTAKEN AT DIT UNIVERSITY

SCHOOL OF ARCHITECTURE AND DESIGN

Dr. Aanchal Sharma

1. **Project title:** A comparative evaluation of roofing systems thermal performance in the composite climate of Dehradun, **PI:** Dr. Aanchal Sharma, **CO-PI:** Er. Harsh Goyal, **Funding Agency:** DIT University, Seed Money, **Amount Sanctioned:** 1.90 Lakhs, **Current Status:** On-Going, **Duration:** 1 Year, **Approx. Completion Date:** March 2022.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Abhinandan Routray

2. **Project Title:** Optimized Predictive Control of Multilevel Photo voltaic (PV) Inverter with Reduced Leakage Current, **PI:** Dr. Abhinandan Routray, **Funding agency:** DIT University, Seed Money, **Amount Sanctioned-**1.61 Lakhs, **Current Status:** On-going, **Duration-**1 Year, **Approx. completion date:** March 2022.

Dr. Amrindra Pal and Dr. Kuldeep Choudhary

3. **Project Title:** Design Development and Prototyping of Active Denial System for Indian Railways Unmanned Railway Crossings, **PI:** Dr. Amrindra Pal **Co-PI:** Dr. Kuldeep Chaudhary **Funding Agency:** DIT University, **Amount Sanctioned-**4.80 Lakhs (INR) **Status:** On going, **approx. completion date:** Aaugust 2021.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Havagiray R. Chitme

4. **Project Title:** Characterization of Proteins Expressed by Stressed Granulosa Cells, **PI:** Dr. Havagiray R. Chitme, **Funding agency:** DIT University, Seed Money, **Amount Sanctioned:** 1.72 Lakhs, **Current Status:** On-going, **Duration-**1 Year, **Approx. completion date:** March 2022.

Dr. Ashok Behra

5. **Project Title:** Synthesis, characterization and In-vitro evaluation of new 5FU-Octreotideconjugates for targeted chemotherapy, **PI:** Dr. Ashok Behra, **Funding agency:** DIT University, Seed Money, **Amount Sanctioned:** 2 Lakhs, **Current Status:** On-going, **Duration-**1 Year, **Approx. completion date:** March 2022.

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Dr. Tapas Kumar Dora

- 6. Project Title:** Development of Absorbable, Expandable and Haemostatic Aerogel Material for Life Threatening Gunshot Wound, **PI:** Dr. Tapas Kumar Dora, **Funding agency:** DIT University, Seed Money, **Amount Sanctioned:** 2.10 Lakhs, **Current Status:** On-going, **Duration-**1 Year, **Approx. completion date:** March 2022.

Mr Rakesh Kumar Pandey

- 7. Project Title:** Optimized Deep Learning Implementation for Improving the Performance of Upstream Petroleum Operations, **PI:** Mr. Rakesh Kumar Pandey, **Funding agency:** DIT University, Seed Money, **Amount Sanctioned:** To be supported by centralized GPU computing systems, **Current Status:** On-going, **Duration-**1 Year, **Approx. completion date:** March 2022.

II. ACTIVE EXTERNAL SPONSORED RESEARCH PROJECTS

SCHOOL OF ARCHITECTURE AND DESIGN

Dr. Aanchal Sharma

- 1. Project title:** Thermo - physical evaluation of traditional and contemporary building envelope constructions for developing adaptive model for thermal comfort of naturally ventilated and mixed mode residential buildings, **PI:** Aanchal Sharma, **CO-PI:** Dr. Ashok Kumar, **Funding Agency:** TARE - DST SERB, **Amount Sanctioned:** Rs. 15 Lakhs, **Duration:** 3 years, **Currentstatus:-** on-going, **Approx.completion date:-** March 2023.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Santosh Kumar

- 2. 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), **Amount Sanctioned:** - Rs. 18.30 Lakhs, **Duration:** - 3-year, **Current status:** - on-going, **Approx. completion date:** - Oct 2021.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Havagiray R. Chitme

- 3. Project Title:** Key Biomarkers Differentially Expressed in Cumulus and Mural Cells of Polycystic Ovary Syndrome (PCOS) Patients, **PI:** Dr. Havagiray R. Chitme, **Funding Agency:** Bayer AG, Drug Discovery – Alliance Management, Germany - Focus Research, **Amount Sanctioned:** - 10,000 (Euro), **Duration:** - 2 Year, **Current status:** - on-going, **Approx. completion date:** - Jan 2022.

Dr. Neeraj kr. Sethiya

- 4. Project Title:** Scouting and Documentation of Grassroots Technological Innovations, Novel Agricultural Practices and Outstanding Traditional Knowledge from Remote Villages in Tehri Garhwal District, Uttarakhand, India. **PI:** Dr. Neeraj kr. Sethiya, **Funding Agency:** National Innovation Foundation-India, Department of Science and Technology, Govt. of India, **Amount Sanctioned:** - Rs. 3.58 Lakhs, **Duration:** - 1 Year, **Current status:** -on-going, **Approx. completion date:** -March 2022.

Dr. Ashok Behera

- 5. Project Title:** Synthesis, Characterization and biological evaluation of smart novel nannotheranostic for cancer **PI:** Dr. Ashok Behera, **Funding Agency:** TARE-SERB, **Amount Sanctioned:** - Rs. 15 Lakhs, **Duration:** - 3 Year, **Current status:** - on-going, **Approx. completion date:** -March 2023.

SCHOOL OF PHYSICAL SCIENCE (PHYSICS)

Dr. Praveen Kumar & Dr. Ravi Kumar Shukla

- 6. 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:** - Rs. 21.32 Lakhs, **Duration:** - 3 Year, **Current status:** -on-going, **Completion date:** -16 July 2021.

SCHOOL OF PHYSICAL SCIENCE (CHEMISTRY)

Dr. Jabrinder Singh, Prof. Naveen Singhal & Dr. Arti Chaturvedi

- 7. Project Title:** Appraisal of environmental stream flow of Rispana with reference to spatio- temporal variation of water quality index and catchment potential, **PI:** Dr. Jabrinder Singh **Co-PI:** Prof. Naveen Singhal & Dr. Arti Chaturvedi, **Funding agency-**

UCOST (DST) Govt. Of Uttarakhand, **Amount Sanctioned:** INR 4.05 Lacs. **Duration-**1 Year, **Approx. completion date** – June 2022.

III. SUBMITTED EXTERNAL SPONSORED RESEARCH PROJECTS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Santosh Kumar

1. **Project Title:** “Wearable and stretchable sensors for body vital parts based on Plasmon’s and controlled modal excitation” **PI:** Dr. Santosh Kumar (DIT University), **CO-PI:** Dr. Rajan Jha (IIT Bhubaneswar) and Prof. Chinmoy Saha (IIST Trivandrum). **Funding Agency:** ISRO, India, **Amount:** 96.35 lac, **Status:** Under Review.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Dhirodatta Senapati

2. **Project Title:** “drug discovery. “Disruption of AR -YAP-TEAD transcriptional complex with small molecule inhibitor, a new therapeutic approach for metastatic prostate cancer” **PI:** Dr. Dhirodatta Senapati, **Funding Agency:** MERCK 2021 RESEARCH GRANTS **Amount:** 350,000 (Euro) Review, **Duration:** 3 Years, **Status:** Under Review.

SCHOOL OF COMPUTING

Dr. Kumar Shashvat

3. **Project Title:** Development of a system (database/registry) to identify hot spots for TB transmission–using molecular epidemiological methods, **PI:** Dr. Kumar Shashvat, Co PI: Manju Sharma, **Funding Agency:** ICMR, New Delhi, **Amount:** 42.41299 Lack, **Duration:** 3 Years, **Status:** Under Review.
4. **Project Title:** Usage based two-wheeler, three-wheeler and automotive vehicle insurance premium calculation system using sensors, GSM and GPS technologies and 4G

LTE standard, PI: Dr. Kumar Shashvat , Funding Agency: DST SUPRA, Amount: 49.40862 Lack, Duration: 3 Years, Status: Under Review.

IV. PUBLICATIONS

a) RESEARCH PAPERS (IN REFEREED JOURNALS) (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ARCHITECTURE AND DESIGN

Sherya Giri

1. S. Giri, "Impact of COVID-19 pandemic on pilgrim city: A case of Haridwar, Uttarakhand, India," *WEENTECH Proceedings in Energy*, Vol. 7, no. 1, pp. 91-96, ISSN 2059-2353, DOI: <https://doi.org/10.32438/WPE.602021> , June 2021.

SCHOOL OF LIBERAL ARTS & MANAGEMENT (MANAGEMENT)

Dr. Hemraj Verma

2. S.K.Dixit, H. Verma, S.S.Priya, "Corporate social responsibility motives of Indian firms", *Journal of Modelling in Management*, in press, <https://doi.org/10.1108/JM2-07-2020-0190>, [Indexed in Scopus], [CiteScore-2.8], June 2021.

SCHOOL OF COMPUTING

Dr. Ranjeet Kumar Ranjan

3. A. Singh, R. K. Ranjan, A. Tiwari, "Credit Card Fraud Detection under Extreme Imbalanced Data: A Comparative Study of Data-level Algorithms," *Journal of Experimental & Theoretical Artificial Intelligence*, Taylor and Francis, p.p. 1-28, ISSN: 1362-3079, DOI: <https://doi.org/10.1080/0952813X.2021.1907795>. [Indexed in Web of Science], [IF-2.34], April 2021.

Anuj Kumar yadav

4. A. K. Yadav, Ritika, M. Garg, "Cryptographic Solution for Security Problem in Cloud Computing Storage During Global Pandemics," *International Journal of Safety and*

Security Engineering, Vol. 11, No. 2, pp. 193-199, ISSN: 2041-9031, DOI: <https://doi.org/10.18280/ijse.110208>. [Indexed in Scopus], May 2021.

Dr. Garima Verma

5. **G. Verma**, H. Verma and S. K. Dixit, "A hybrid ensemble machine learning model to predict success of Bollywood movies", *World Review of Entrepreneurship, Management and Sustainable Development*, 17(2-3), pp.343-357, ISSN 1746-0581, DOI: <https://doi.org/10.1504/WREMSD.2021.114439>. [Indexed in Scopus], [CiteScore-1.1], Apr 2021.

Dr. Rama Sushil

6. S. Kumar, P. Singh, **R. Sushil**, P. Singh, A. Tiwari, "Microtremor measurement to evaluate site characteristics by horizontal to vertical spectral ratio technique in Sikkim, Northeast Himalayas, India", *Quaternary international*, Vol. 585, pp: 134-142, ISSN 1040-6182, DOI: <https://doi.org/10.1016/j.quaint.2020.11.028>, [Indexed in Web of Science], [IF: 2.13], May 2021.
7. A. Rawat, **R. Sushil**, A. Agarwal, A. Skinder, R S Bhadoria, "A New Adaptive Fault Tolerant Framework in the Cloud," *IETE Journal of Research*, Taylor & Francis United kingdom, DOI: <https://doi.org/10.1080/03772063.2021.1907231>, [Indexed in Web of Science], [IF- 2.33], April 2021.

Dr. Arshpreet Kaur & Kumar Shashvat

8. **A. Kaur**, V. Puri, K. Verma, **K. Shashvat**, "Identification of inter-ictal activity in novel data by bagged prediction method using beta and gamma waves". *Multimedia Tools and Applications*, <https://doi.org/10.1007/s11042-021-11035-3>, [Indexed in Web of Science], [IF: 2.757], May 2021.

Dr. Megha Bhushan

9. K. Verma, A. Kumar, M. S. U. Islam, T. Kanwar, **M. Bhushan**, "Rank based mobility-aware scheduling in Fog computing," *Informatics in Medicine Unlocked*, Vol. 24, pp. 100619, ISSN 2352-9148, Elsevier, DOI: <https://doi.org/10.1016/j.imu.2021.100619>. [Indexed in Scopus], [CiteScore 3.8], May 2021.

Dr. Mitali Srivastava & Dr. Atul Kumar Srivastava

10. **M. Srivastava**, **A.K Srivastava**, R. Garg, & P.K. Mishra, "Performance Evaluation of the MapReduce-based Parallel Data Preprocessing Algorithm in Web Usage Mining with Robot Detection Approaches", *IETE Technical Review*, Taylor and Francis, Vol. 38, no. 4, pp. 1-15, ISSN 0256-4602 , DOI: <https://doi.org/10.1080/02564602.2021.1918584> [Indexed in Web of Science], [IF-2.20], April 2021.

Bibek Kumar, Dr. Ranjeet Kumar Ranjan, Dr. Arshad Husain

11. **B. Kumar, R. K. Ranjan, A. Husain**, "A Multi-Objective Enhanced Fruit Fly Optimization (MO-EFOA) Framework for Despeckling SAR Images using DTCWT based Local Adaptive Thresholding," *International Journal of Remote Sensing*, Vol. 42, no. 14, pp. 5493-5514, ISSN 1366-5901, DOI: <https://doi.org/10.1080/01431161.2021.1921875>. **[Index in Web of Science]**, [IF-3.151], May 2021.
12. V. K. Yadav, **R. K. Yadav**, S. Verma, and S. Venkatesan. "CP2EH: A comprehensive privacy-preserving e-health scheme over cloud." *The Journal of Supercomputing*, 1-31., ISSN 1573-0484 / 0920-8542, DOI: <https://doi.org/10.1007/s11227-021-03967-2>. **[Index in Web of Science]**, [IF- 2.474], June 2021.

SCHOOL OF ENGINEERING & TECHNOLOGY (MECHANICAL ENGINEERING)

Mr. Ravi Kumar, Dr. Anil Kumar Patil and Dr. Manoj Kumar

13. **R. Kumar, A.K. Patil, M. Kumar**, "Charging and Discharging Characteristics of Sensible Energy Storage System with Multiple Cylindrical Passages", *Journal of Energy Resources Technology*, Vol. 143(9), pp. 092001., DOI: <https://doi.org/10.1115/1.4051395> **[Indexed in Web of Science]**, [IF- 2.903], June 2021.

Dr. Anil Kumar Patil and Dr. Manoj Kumar

14. **A.K. Patil**, V. Choudhary, A. Gupta, **M. Kumar**, "Thermo-hydraulic performance of modified plate fin and pin fin heat sinks", *Proceedings of the Institution of Mechanical Engineers , Part A: Journal of Power and Energy*, ISSN: 0957-6509 DOI: <https://doi.org/10.1177/09576509211024043> **[Indexed in Web of Science]**, [IF- 1.882], June 2021.

Mr. Bipin Kumar, Dr. Anil Kumar Patil and Dr. Manoj Kumar

15. **B. Kumar, A.K. Patil, M. Kumar**, "Second law analysis of heat exchanger tube fitted with twisted tape insert having multiple V cuts and perforations", *Heat Transfer Research*, Vol. 52 Issue (7), pp. 17-34, DOI: <https://doi.org/10.1615/HeatTransRes.2021036514> **[Indexed in Web of Science]**, [IF-2.443], June 2021.

Dr. Manoj Kumar

16. R. Bahuguna, K.K.S. Mer, **M. Kumar**, S. Chamoli, "Entropy generations analysis in A tube heat exchanger integrated with triple blade vortex generator inserts", *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, DOI:

<https://doi.org/10.1080/15567036.2021.1918291> [Indexed in Web of Science], [IF- 3.447], Apr 2021.

17. R. Bahuguna, K.K.S. Mer, **M. Kumar**, S. Chamoli, "Thermohydraulic performance and second law analysis of a tube embedded with multiple helical tape inserts", *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, DOI: <https://doi.org/10.1080/15567036.2021.1904057> [Indexed in Web of Science], [IF- 3.447], Apr 2021.

Dr. Nitin Kumar Gupta & Nalin Somani

18. N. K. Gupta, N. Somani, C. Prakash, R. Singh, A. Waila, S. Singh, C. Pruncu, "Revealing the WEDM Process Parameters for Machining of Pure and Heat Treated Titanium (Ti-6Al-4V) Alloy", *Materials*, Vol. 14, pp. 2292. DOI: <https://doi.org/10.3390/ma14092292> [Indexed in Web of Science], [I.F. 3.623], Apr 2021.

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Gaurav Richhariya, Dr. Navin Singhal, & Dr. Tarumay Ghoshal

19. **G. Richhariya**, D.T.K Dora, **N. Singhal**, **T. Ghoshal**, R. Pandey, K.Lal, "Polyacrylamide modified geopolymer cement slurry: A potential barrier for channel behind casing" *Materials Today: Proceedings* (Elsevier), <https://doi.org/10.1016/j.matpr.2021.05.132>. [Indexed in Scopus], May 2021.
20. **G. Richhariya**, D. T.K. Dora, A. Kumar, A. Rastogi, S. Pharasi, Y. Goyal, M.Rai "Recron fiber reinforced ultra light weight Cenosphere cement for unconsolidated formations with low fracture gradient" *Materials Today: Proceedings*(Elsevier), (in press), <https://doi.org/10.1016/j.matpr.2021.05.129> [Indexed in Scopus], May 2021.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Santosh Kumar

21. Yu Wang, Guo Zhu, Muiyang Li, Ragini Singh, Carlos Marques, Rui Min, B. K. Kaushik, Bingyuan Zhang, Rajan Jha, **S. Kumar**, "Water pollutants p-Cresol detection based on Au-ZnO nanoparticles modified tapered optical fiber," *IEEE Transactions on NanoBioscience*, Vol. 20, no. 3 pp. 377-384, DOI: <https://doi.org/10.1109/TNB.2021.3082856>. [Indexed in Web of Science], [IF-2.935], July 2021.

22. V. S. Chaudhary, D. Kumar, **S. Kumar**, "Gold-immobilized Photonic Crystal Fiber-based SPR Biosensor for Detection of Malaria Disease in Human Body," *IEEE Sensors Journal*, DOI: <https://doi.org/10.1109/ISEN.2021.3085829>, [Indexed in Web of Science], [IF-3.076], June 2021.

23. D. G. S. Rao, S. Swarnakar, **S. Kumar**, "Design of photonic crystal based compact all-optical 2×1 multiplexer for optical processing devices," *Microelectronics*, Vol. 112, 105046 DOI: <https://doi.org/10.1016/j.mejo.2021.105046>, [Indexed in Web of Science], [IF-1.605], June 2021.

Dr. Kuldeep Choudhary and Santosh Kumar

24. **K. Choudhary, S. Kumar**, "Optimized plasmonic reversible logic gate for low loss communication," *Applied Optics*, Vol. 60, no. 16, pp. 4567-4572, DOI: <https://doi.org/10.1364/AO.428158>, [Indexed in Web of Science], [IF-1.961], May 2021.

Dr. Amrindra Pal

25. P. Nigam, A. Muduli, S. Sharma, **A. Pal**, "Tri-fed SIW based self-triplexer antenna for X-band applications", *International Journal of Applied Electromagnetics and Mechanics*, pp. 1-16, DOI: <https://doi.org/10.3233/IAE-201639> [Indexed in Web of Science] [IF: 0.706]. May 2021.

Dr. Abhinandan Routray

26. **A. Routray**, R. K. Singh, and R. Mahanty, "Modified grey wolf optimisation based reduced device count 17-level hybrid multilevel inverter," *IET Power Electronics*, Vol.14, Issue 18, pp. 1444- 1456. DOI: <https://doi.org/10.1049/pel2.12122>, [Index in Web of Science], [IF: 2.641], April 2021.

SCHOOL OF PHARMACEUTICAL & POPULATION HEALTH INFORMATICS

Dr. Mandeep Kumar Arora, Ritu Tomar & Dr. Jagannath Sahoo

27. L. Gupta, **M. K. Arora, R. Tomar**, A. Pathak, V. Gupta, A. Garg, **J. Sahoo**, P. Grover, "Synergistic effect of Ocimum Sanctum and Andrographis Paniculata against Diabetic Complications," *Journal of Pharmaceutical Research International*, pp.151-163, DOI: <https://doi.org/10.9734/jpri/2021/v33i33A31782>, June 2021.

Dr. Manmohan Singhal & Dr. Bhawna Kumar

28. D. Sharma, S. Raj S, **M. Singhal, B. Kumar**, "Preparation and Evaluation of Gliptin liposomes for targeting ocular Region in Neurodegeneration," *Nanoscience & Nanotechnology*, Vol. 11, issue 2, pp. 197-203. (Bentham Science) DOI: <https://doi.org/10.2174/2210681210999200414104232>, May 2021.

Dr. Md. Habban Akhter & Dr. Amit Kumar Keshri

29. M. Rahman, W. H. Almalki, S. Alghamdi, K. S. Alharbi, H. Khalilullah, **Md. H. Akhter, A. K. Keshari**, N. Sharma, T. Singh, K. Soni, A. Hafeez, S. Beg, "Three 'D's: design approach, dimensional printing, and drug delivery systems as promising tools in healthcare applications," *Drug Discovery Today*, Elsevier. DOI: <https://doi.org/10.1016/j.drudis.2021.06.016>, [Indexed in web of Science], [IF=7.851], June 2021.

Sameer Bhargava & Dr. Bhawna

30. A. Ojha A, **S. Bhargava** and Bhavna, "Mucoadhesive bio-flexy film of *Phoenix dactylifera* loaded with phenytoin for translabial drug delivery," *Int J Pharm Sci & Res*, Vol. 12, Issue 5, pp. 2853 - 62, ISSN 0975-8232, DOI: [https://doi.org/10.13040/IJPSR.0975-8232.12\(5\).2853-62](https://doi.org/10.13040/IJPSR.0975-8232.12(5).2853-62). [Indexed in Web of Science], May 2021.

Dr. Havagiray R Chitme

31. A. P Singh, J. B Kandpal, R. K Sharma & **H. R. Chitme**, "Nobiletin a Biologically Active Phytoconstituent: Systematic Review," *Journal of Biologically Active Products from Nature*, 11:3, pp. 204-211, DOI: <https://doi.org/10.1080/22311866.2021.1920461>. [Indexed in SCOPUS], June 2021.

SCHOOL OF PHYSICAL SCIENCE (PHYSICS)

Dr. Surbhi Sachdev & Dr. Praveen Kumar

32. A. Mehta, **S. Sachdev, P. Kumar**, A. Singh, C. Prakash, "Improved ferroelectric properties and softening effect in BLTF ceramics," *Ceramics International*, (In press) <https://doi.org/10.1016/j.ceramint.2021.05.204>, [Indexed in Web of Science], [IF-4.527], May 2021.

Dr. Manoj Bhatnagar & Dr. Praveen Kumar

33. Neha, P. Sharma, V. Kumar, **M. Bhatnagar, P. Kumar**, C. Prakash, "Synthesis and dielectric properties of BCT ceramics co-substituted by Sm³⁺ and Fe³⁺ for capacitor applications," *Journal of Alloys and Compounds*, Vol. 882 (In Press) <https://doi.org/10.1016/j.jallcom.2021.160619>, [Indexed in Web of Science], [IF-5.316], June 2021.

34. Neha, P. Kumar, M. Bhatnagar, A. Singh, C. Prakash, "Structural, dielectric, ferroelectric and ferromagnetic properties in Fe-substituted BCT ceramics for energy storage and capacitor applications," *Journal of Materials Science: Materials in Electronics*, Vol. 32, Page No. 17620, <https://doi.org/10.1007/s10854-021-06295-6>, [Indexed in Scopus], [IF-2.478], June 2021.

Dr. Ravi Kumar Shukla

35. R. K. Shukla, A. Chaudhary, K. K. Raina, "Electrically switchable and optically tunable liquid crystal/ silicone oil based non-aqueous emulsions for electro-optical device applications," *Optical Materials*, Vol. 117 (In Press), <https://doi.org/10.1016/j.optmat.2021.111147>. [Indexed in Web of Science], [IF-3.080], May 2021.
36. Ravi K. Shukla, A. Chaudhary, K. K. Raina, "Dielectric dynamics and optical behaviour of surfactant free LC/silicone oil based non-aqueous emulsions," *Liquid Crystals (In Press)*, <https://doi.org/10.1080/02678292.2021.1931972>, [Indexed in Web of Science], [IF-2.9], June 2021.
37. M. R. Goswami, P. Singh, P. Chamoli, S. Bhardwaj, K. K. Raina, R. K. Shukla, "Tuning of shear thickening behavior and elastic strength of polyvinylidene fluoride via doping of ZnO-graphene," *Journal of Applied Polymer Science (In Press)*, <https://doi.org/10.1002/app.51260>, [Indexed in Web of Science], [IF-3.12], June 2021.

SCHOOL OF PHYSICAL SCIENCE (CHEMISTRY)

Dr. Jabrinder Singh

38. J. Singh, P. Bhardwaj, A. Awasthi, "Health implications among school children due to fluoride in underground aquifers of Haryana state, India." *Environmental Quality Management*, Vol 30 (4) ISSN: 1520-6483 [Indexed in Scopus], DOI: <https://doi.org/10.1002/tqem.21774>, [IF-0.96], June 2021.

Dr. Arti Chaturvedi

39. A. Karunakaran, A. Chaturvedi, J. Ali, R. Singh, S. Agarwal, M.C. Garg, "Response surface methodology-based modeling and optimization of chromium removal using spiral-wound reverse-osmosis membran setup." *International Journal of Environmental Science and Technology*, ISSN: 1735-2630 [Indexed in Web of Science], <https://doi.org/10.1007/s13762-021-03422-y>, [IF: 2.860], June 2021.

b) BOOKS (AUTHORED/ EDITED) (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF COMPUTING

Sisir Kumar Jena

1. **Sisir Kumar Jena**, "C Programming: Learn to Code," United Kingdom, Taylor & Francis Limited, ISBN 9781032036250, <https://www.routledge.com/C-Programming-Learn-to-Code/Jena/p/book/9781032036250> **2021**.

Dr. Narendra Kumar

2. Er. Krishna Kumar, Dr. Gaurav Saini, Dr. Duc Manh Nguyen, **Dr. Narendra Kumar**, Er. Rachna Shah, "Smart Cities: Concepts, Practices, and Applications," *CRC Press, Taylor & Francis Group*. <https://easychair.org/cfp/SCCPA-2021> **April 2021**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

1. Practice School – Clinical Pharmacy – A Manual – Unnati Publications, India ISBN: 978-9384875619, **April, 2021**

c) BOOK CHAPTERS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Dr. Deepesh Kumar Thakur

1. Thakur, Deepesh Kumar. "Mother Tongue Interference in Second Language Acquisition and Remedial Pedagogy: A Sociolinguistic Perspective." In *English Language Teaching: Innovations and Applications in Teaching and Learning*, Authors Press, New Delhi. DOI: <https://www.English-Language-Teaching-Innovations/Applications/dp/B098848T5L/ref=books&sr=1-11> "English, **June 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (MECHANICAL ENGINEERING)

Dr. Anshuman Das

2. **A. Das**, P. Kumar, A. Agarwal and A. Khan, "Performance Evaluation of Uncoated and Coated Carbide Tools during Hard Machining of AISI 4340 Steel", Processing and Characterization of Materials, (SCOPUS, Book chapter, 2021), DOI: <https://doi.org/10.1007/978-981-16-3937-1>.
3. A. Das, G. Surya Rao, K. Debnath and R.N. Mahapatra, "Parametric Investigation on Drilling Behavior of 3D Printed CFRP Composites", Processing and Characterization of Materials, (SCOPUS, Book chapter, 2021), DOI: <https://doi.org/10.1007/978-981-16-3937-1>.
4. A. Khan, A. Das, G. Surya Rao, "Modeling and Experimental Studies on Fatigue Life of Polymer Composites Sandwich Structures", Processing and Characterization of Materials, (SCOPUS, Book chapter, 2021) DOI: <https://doi.org/10.1007/978-981-16-3937-1>.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Brajlata Chauhan

6. Bhatia M., Dimri M., **Chauhan B.**, "Rooftop Antenna for Vehicular Application" In: *Mekhilef S., Favorskaya M., Pandey R.K., Shaw R.N. (eds) Innovations in Electrical and Electronic Engineering. Lecture Notes in Electrical Engineering*, vol 756. Springer, Singapore. DOI: https://doi.org/10.1007/978-981-16-0749-3_48, **May2021**.

SCHOOL OF COMPUTING

Dr. Megha Bhushan

7. S. Sharma, A. Kumar, **M. Bhushan**, N. Goyal, S. S. Iyer, "Is Blockchain Technology Secure to Work On?", in *Blockchain and AI Technology in the Industrial Internet of Things*, edited by Subhendu Kumar Pani, Sian Lun Lau, and Xingcheng Liu, pp. 66-80. Hershey, IGI Global, DOI: <http://doi:10.4018/978-1-7998-6694-7.ch005>, **April 2021**.

Dr. Narendra Kumar

8. K. Kumar, R. P. Singh, P. Ranjan, **N. Kumar**, "Daily Plant Load Analysis of a Hydropower Plant Using Machine Learning Algorithms for Intelligent Systems", *Applications of*

Artificial Intelligence in Engineering, Springer Nature Singapore DOI: http://doi:10.1007/978-981-33-4604-8_65, pp. 819–826 **May 2021**.

9. K. Kumar, R. Shah , **N. Kumar**, R. P. Singh," Application of Robotic Process Automation Algorithms for Intelligent Systems", *Applications of Artificial Intelligence in Engineering*, Springer Nature Singapore DOI: http://doi:10.1007/978-981-33-4604-8_75, pp. 819–826, **May 2021**.

Naveen Kumar

10. **N. Kumar**, R.K. Singh "A Recent Survey of SVD and DWT-Based Digital Image Watermarking Theories and Techniques: A Review", in *Big Data, Machine Learning and Applications, Lecture Notes in Networks and Systems Springer Nature*, DOI: https://doi.org/10.1007/978-981-33-4788-5_15. **[Indexed in Scopus]**, **23 March 2021**.

d) CONFERENCE/SYMPOSIUM/WORKSHOP PROCEEDINGS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ARCHITECTURE AND DESIGN

Sherya Giri

1. **S.Giri**, "Impact of COVID-19 pandemic on pilgrim city: A case of Haridwar, Uttarakhand, India," in *International Conference on Vernacular Resource Genesis: Re-imagining and Re-designing built environment in the presence of COVID-19 (i-Converge)*, Dehradun, India, DOI: <https://doi.org/10.32438/WPE.602021> , **June 2021**.

Sana Verma

2. A.Verma, **S.Verma**, " Post Covid-19 built environment: Architecture and town planning" in *International Conference on Vernacular Resource Genesis: Re-imagining and Re-designing built environment in the presence of COVID-19*, School of Architecture and Design, DIT University, Dehradun, India, DOI: <http://weentechpublishers.com/paper.aspx?pid=795aeea3-1e0e-4c63-9d10-4e4ebfcfb383>, **June 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Gaurav Dhiman, Dr. Abhinandhan Routray, Dr. Sonika Singh and Dr. Gagan Singh

3. **G. Dhiman, A Routray, S Singh, G. Singh**, "Analysis of Short Channel Effects for Junction Less MOSFET With Metal Gates and High- κ Spacers" in *2021 International Conference for Emerging Technology (INCET)*, Belgavi, Karnataka, India DOI: <https://doi.org/10.1109/incet51464.2021.9456340>, ISBN: [9781728170299](https://doi.org/10.1109/incet51464.2021.9456340), **May 2021**.

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Dr. Deepesh Kumar Thakur

4. **D.K. Thakur**, "The Development of Indian Diaspora & English Language Teaching", in *ELT summit 2021, an International Conference of International Society for Educational Leadership, Melbourne (Australia) & MIT-ADT University, Pune (Maharashtra)*, DOI: <https://eltsummit.com/index.php/about-conference/>, on 10th & 11th **June 2021**.
5. **D.K. Thakur**, "Social understanding of Women in India through the liberalisation" in *the One Day International Webinar held under the joint aegis of Centre for Women's Studies, Maharaja Ganga Singh University, Bikaner and Department of History, KAHM Unity Women's College, Manjeri, Malappuram, University of Calicut, Kerala*, DOI: <https://mgsubikaner.ac.in/centre-for-women-studies/>, on 23 **June 2021**.

Dr. Sakshi Semwal

6. **S. Semwal**, "Exploring the LGBTQ+ Community and applying queer theory on 'Alternative Realities- Love in the lives of Muslim Women'" in *an international conference on Gender Studies and Women Empowerment at NIT Agartala*, from 16 - 18, **April 2021**.
7. **S. Semwal**, "Explicating the Black Women Empowerment in 20th Century through Poetry" in *the national conference on Contemporary perspective in English Language, Literature and Cultural Studies at Chandigarh University*, from 11-12 **June 2021**.

Dr. Shachi Negi

8. **S. Negi**, "Achieving Cosmic Consciousness, a higher stage in Man's Evolution: Traces in Mahabharata and Findings from a case study of Pandav Nritya in Northern Himalayas", in *ESCL Conference "Narrations of Origins of World Cultures and Arts, University of Turino, Italy originsescl2021- Parallel Sessions (unito.it)*, 11-14 **May 2021**.
9. **S. Negi**, "Resurgence in Filmization of the Mahabharata", in *22nd Conference of the English Department of the University of Bucharest Literature and Cultural Studies section of the conference: Re-writing/ Re-imagining the Past, University of Bucharest, Romania*, 3-5 **June 2021**.

SCHOOL OF COMPUTING

Dr. Rakesh Kumar Saini & Naveen Kumar

10. S. Vashisht, R. Pal, H. Sharma, **R.K. Saini** and Kumar, "Challenges and Applications of Multimedia Big Data Computing," In *2nd International Conference on Intelligent Engineering and Management (ICIEM)*, Organized by Amity University, London (U.K), pp.435-440, IEEE Proceeding, DOI:[10.1109/ICIEM51511.2021.9445301](https://doi.org/10.1109/ICIEM51511.2021.9445301) **(Indexed in Scopus)**, June 2021.

Madhu Sharma & Dr. Ranjeet Kumar Ranjan

11. **M. Sharma, R. K. Ranjan**, V. Bharti, "A new image encryption algorithm using a bit-shifted logistic map", 2021, *12th International Conference on Computing, Communication and Networking Technologies (ICCCNT)*, IIT Kharagpur, **July 2021**.

Dr. Jyoti Rawat

12. **J. Rawat**, S. Rawat, I. Kumar, J. S. Devgun, "Identification of Malignant Lymphoblast Cell in Bone Marrow using Machine Learning", *International Conference on Computational Intelligence & Sustainable Technologies (ICoCIST-2021)*, AIS Series of Springer **(Indexed in Scopus)**, 2021.

Dr. Jyoti Rawat & Dr. Srabanti Maji

13. M. Upadhyay, **J. Rawat, S. Maji**, "Skin Cancer Image Classification Using Deep Neural Network Models", *FICTA-2021 conference to be organized by National Institute of Technology (NIT) Mizoram, India*, and publication in Springer-Smart Innovation, Systems and Technologies (SIST) Series, **(Accepted, Under Publication, Presented, (Indexed in Scopus)**, June 2021.

Bibek Kumar

14. S. Rastogi, A. Shahi and **B. Kumar**, "A Supervised Machine Learning Approaches Used in Heart Diseases Prediction", in the International Conference on Computational Intelligence and Computing Applications-21 (ICCICA-21), G H Raison College of Engineering, Nagpur, Maharashtra, India, **18-19 June 2021**.

SCHOOL OF PHYSICAL SCIENCE (MATHEMATICS)

Dr. Natasha Awasthi & Dr. D.K Joshi & Dr. Surbhi Sachdev

15. N Awasthi, D.K Joshi, S. Sachdev "Investigating Effect of Universal Quantum Uncertainty Relation of Fermionic Model with non-ergodicity", on 8th International Virtual Congress 2021, MP India, ISBN: 978-93-89817-52-2, 5-10 August 2021.

e) ATTENDED CONFERENCE/SYMPOSIUM/WORKSHOP AND INVITED TALKS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ARCHITECTURE AND DESIGN

Prof. Chhabi Mishra

1. Attended IUCEE IFEEES GEDC Global Webinar on "A Multidisciplinary Approach to Developing Sustainable Communities" on Wed June, 30 2021.

Ar. Jitendra Kumar Sarohi

2. Attended two days online FDP on **Entrepreneurship in AEC Sector** from 21st – 22nd May 2021 by Council of Architecture.

Ar. Sandeep Saxena

3. Attended 3 days' Workshop on "Visual Thinking" held on 10th, 11th and 12th June 2021.
4. Attended Webinar on "Online Teaching - Learning and Online Assessment" organised by Inpods Incon 26th June 2021.
5. Attended Webinar on "Concrete on Energy Efficiency and Comfort in Building" organised by UltraTech Cement Ltd on 26th June 2021.
6. Attended Webinar on "Romancing with Concrete for Better Tomorrow" organised by UltraTech Cement Ltd on 3th July 2021.
7. Attended Webinar on "Fusion of Steel and Concrete-Buildings for Future" organised by UltraTech Cement Ltd on 3th July 2021.
8. Attended Webinar on "Problems and New Technologies for Rigid Pavements" by UltraTech Cement Ltd on 10th July 2021

Ar. Vartica Saxena

9. Attended Webinar on “Online Teaching - Learning and Online Assessment” organised by Inpods Incon 26th June 2021.
10. Attended Webinar on “Concrete on Energy Efficiency and Comfort in Building” organised by UltraTech Cement Ltd on 26th June 2021.
11. Attended Webinar on “Romancing with Concrete for Better Tomorrow” organised by UltraTech Cement Ltd on 3th July 2021.
12. Attended Webinar on “Fusion of Steel and Concrete-Buildings for Future” organised by UltraTech Cement Ltd on 3th July 2021.
13. Attended Webinar on "Problems and New Technologies for Rigid Pavements" by UltraTech Cement Ltd on 10th July 2021.

Dr. Aanchal Sharma

14. Delivered an expert talk entitled, “Changes in the Land Use-Land Coverage of Dehradun and its Impact on Built Form”, at a five-day e-workshop on “Understanding Change in Built Form with Focus on Hill Regions” organized by Department of Architecture, National Institute of Technology, Hamirpur from May 14-18, 2021

Ar. Upendra Joshi

15. Participated in Faculty Development Program & Workshop by IUCEE NEP for First Year Students (Topic- Effective Teaching) Period: (8,11,15,18 June, 2021)
16. Participated in Faculty Development Program " Visual Research Methods in Architecture" Organized by Council of Architecture Training & research Center Period: (18th May-21st May,2021)
17. Participated in International Webinar On "Heritage Management & Sustainable Habitat" Organized by Center for Sustainable Habitat of Guru Nanak Dev University, Amritsar. Period- (18th April-2021)

Ar. Vedangi Deshpande

18. Participated in International webinar On “Heritage Management & Sustainable Habitat” Organised by Centre for Sustainable Habitat of Guru Nanak Dev University, Amritsar. (18th April 2021)

Ar. Purnima Verma

19. Attended Journal Citation Reports (JCR) Training & Certification Program 2021 on 15 and 17 June 2021

Ar. Shreya Giri

20. Attended Online Training Workshop on Disaster Resilient Waste Management for Sustainable Spaces by IMPRI, National Institute of Disaster Management from 16-18 June, 2021.
21. Attended Faculty Development Program & Certified Workshop by IUCEE NEP on Clean & Green campus from 1-28 June 2021.
22. Attended online seminar on Environment Friendly Homes – Past, Present & Future by ASSOCAHM on 5 June, 2021.
23. Attended AICTE funded FDP Certification on “Smart Cities–Infrastructure & Sustainability” from 24-28 May 2021 by IIT Ropar.
24. Attended Online Web seminar on Advance - Sustainable Water & Environment Management Technologies and Concepts for Realty Segment by ASSOCHAM on 19th May, 2021.

Ar. Poonam Katre

25. Attended a webinar on “Simulation Games through Virtual Worlds in Education” by Dr. Ramesh Sharma, May 29, 2021
26. Attended NIUA WEBINAR: Brainstorming Roundtable on 'Keeping Pace with the Dynamic Needs of Water Management and Sanitation in Cities', 23 Jun 2021
27. Attended NIUA WEBINAR: Inclusive Cities – Approaches for making Indian cities more accessible, safe, and inclusive for ALL, 29 Jun 2021

Ar. Ankita Gaur

28. Attended e-Symposium - Intangible Cultural Heritage for Sustainable Management of HISTORIC TOWNS in South Asia: Theory to Practice on 19th June 2021 and June 27 2021
29. Attended ISOCARP Cyber Agora #5 'Underground Urbanism' on 29th June 2021

Ar. Sanan Verma

30. Participated in the Webinar entitled “CONSTRUCTION QUALITY CONTROL PRACTICES IN CIVIL ENGINEERING” held on Tuesday, June 22, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.
31. Participated in the Webinar entitled “APPLICATIONS OF SUPER-ELASTIC SHAPE MEMORY ALLOYS IN SEISMIC RISK MITIGATION OF STRUCTURES” held on Wednesday, June 23, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.
32. Participated in the Webinar entitled “COVID19 PANDEMIC & ENVIRONMENTAL HYGIENE” held on Wednesday, June 23, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.
33. Participated in the Webinar entitled “PARKING MANAGEMENT TECHNIQUES FOR MIXED-USE DEVELOPMENT” held on Thursday, June 24, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.
34. Participated in the Webinar entitled “LOW-COST & ENVIRONMENT FRIENDLY TECHNOLOGIES FOR REMOVAL OF SOME TRACE TOXINS” held on Thursday, June 24, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.
35. Participated in the Webinar entitled “COST-EFFECTIVE CONSTRUCTION TECHNOLOGY” held on Friday, June 25, 2021 in “A SERIES OF WEBINARS” conducted during June 21-

26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.

- 36.** Participated in the Webinar entitled “APPLICATIONS OF IOT IN CIVIL ENGINEERING” held on Friday, June 25, 2021 in “A SERIES OF WEBINARS” conducted during June 21-26, 2021 organized by the Department of Civil Engineering, School of Engineering & Technology (SoET), DIT University. Dehradun, India.

Ar. Manmeet Kaur

- 37.** Attended an online FDP on “Smart Cities-Infrastructure & Sustainability” from 2021-05-24 to 2021-05-28 at Indian Institute of Technology Ropar organized by AICTE Training and Learning (ATAL) Academy.
- 38.** Attended an online training on JCR Series organized by Clarivate (web of science) on 13-06-2021 and 15-06-2021.

SCHOOL OF LIBERAL ARTS & MANAGEMENT (MANAGEMENT)

Vijay Kumar Jain

- 1.** **Vijay Kumar Jain** & Anu Gupta " Identifying Drivers of Minimalism using Total Interpretive Modeling Approach" in 3rd International Conference on Advances in Engineering, Science and Technology, Dehradun, **May 2021**

Dr. Pankaj Kumar

- 2.** **Dr. Pankaj Kumar** attended FDP on Data Using R conducted by Ramanujan College (University of Delhi), 15th June to 21th **June, 2021**

Dr. Preeti Sharma

- 3.** **Dr. Preeti Sharma** attended FDP on Modelling Financial Statement Analysis and Projections using MS-Excel conducted by Bharthidasan Institute of Management, Tiruchirappalli from 1st June to 5th **June, 2021**
- 4.** **Dr. Preeti Sharma** attended FDP on Research Congress 2021 conducted by MAIMS, Delhi from 25th May to 31st **May, 2021**

SCHOOL OF PHYSICAL SCIENCE (MATHEMATICS)

Dr. Dhiraj Kumar Joshi

- 1.** Attended FDP ON Soft Computing and Data Science, ICFAI University Jaipur, from—**5 June 2021.**

2. Attended 18th International Conference on **QPL (Quantum Physics and Logic)**, Gdnask **Polland** from **7-11 June 2021**.
3. Attended International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE 2021), Amity University, M.P on **09 June 2021**.
4. Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online Elementary FDP on "Quantum Computing"** at **Birla Institute of Technology Mesra**, from **21-26 June 2021**.
5. Presented Paper on INTERNATIONAL VIRTUAL CONFERENCE ON COMPUTATIONAL MATHEMATIC, PPG College Coimbatore, from **24-25 June 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (CIVIL ENGINEERING)

Dr. Rana Acharyya

1. **Dr. Rana Acharyya** attended webinar on "Journey towards a Deep Foundation Analysis in PLAXIS" Organized by Bentley on **2nd June 2021**.
2. **Dr. Rana Acharyya** attended webinar on "Digital Design to Operations for Rail Projects in PLAXIS" Organized by Bentley on **8th June 2021**.
3. **Dr. Rana Acharyya** attended webinar on "Bridging the Employability Gap for Engineering Students" Organized by Indo Universal Collaboration for Engineering Education on **9th June 2021**.
4. **Dr. Rana Acharyya** attended webinar on "Corporate Venture Capital: Current Trends and Research" Organized by Indo Universal Collaboration for Engineering Education on **10th June 2021**.
5. **Dr. Rana Acharyya** attended 3-days training programme on "Futuristic Research in Disaster Resilience" Organized by Department of Civil Engineering, VVCE, Mysuru in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi on **11th - 13th June 2021**.
6. **Dr. Rana Acharyya** attended 2-days webinar on "Offshore Geotechnical Engineering" Organized by IGS Baroda Chapter in association with Applied Mechanics Department on **18th - 19th June 2021**.
7. **Dr. Rana Acharyya** attended "A Series of Webinars" Organized by Civil Engineering Department, DIT University, Dehradun on **21th - 26th June 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Sonika Singh

1. **Dr. Sonika Singh** attended 'IUCEE NEP Quality Circle Training' by Toyota India from **8th June'2021 to 11th June'2021** organised by Indo Universal Collaboration for Engineering Education (IUCEE).
2. **Dr. Sonika Singh** attended an Expert Talk on 'Electric Vehicle Technology Overview' organised by Indo Universal Collaboration for Engineering Education, IUCEE Virtual Academy on **11th June'2021**.

Dr. Gagan Singh

3. **Dr. Gagan Singh** attended Expert Talk on 'Electric Vehicle Technology Overview' organised by Indo Universal Collaboration for Engineering Education, IUCEE Virtual Academy on **11th June'2021**.

Dr. Santosh Kumar

4. **Dr. Santosh Kumar** delivered an invited talk on the occasion of International Day of Light at IIT Roorkee, India on **May 16, 2021**.

Dr. Abhinandan Routray

5. **Dr. Abhinandan Routray** has attended the 2nd IEEE International Conference of Emerging Technology (INCET 2021) during **21st to 23rd May 2021**.
6. **Dr. Abhinandan Routray** has attended a Short-term Course on Data Analytic and Predictive Technology Driven IOT Based Smart Grid Infrastructure, I-DAPT Hub Foundation, IIT (BHU) Varanasi, **2021**.
7. **Dr. Abhinandan Routray** has attended a Short-term Course on Application of Power Electronics and Drives to Industry, Dept. of EEE, National Institute of Technology Sikkim in collaboration with TEQIP-III, **2021**.
8. **Dr. Abhinandan Routray** has attended an FDP on "Research Opportunities in Power Engineering" Organized by Department of Electrical and Electronics Engineering, M. Kumarasamy College of Engineering, **2021**.

Vivek Kumar Gupta

9. **Vivek Kumar Gupta** attended Webinar on Electrical Vehicle Technology Overview by IUCEE on **11th JUNE 2021**.
10. **Vivek Kumar Gupta** attended Webinar on online teaching and assessment on **19-06-2021**.

- 11. Vivek Kumar Gupta** attended Webinar on Hamara Tejas 4th generation fighter by Dr BR Ambedkar Institute of technology Bangalore on **24-06-2021**.
- 12. Vivek Kumar Gupta** attended FDP ON RECENT TRENDS IN IT BY DMCE AIROLI from **23-25 JUNE 21**.
- 13. Vivek Kumar Gupta** attended Certification by JCR Journal Citation Report Certification series -2021 on **15 & 17 July 2021**.
- 14. Vivek Kumar Gupta** attended One-week National Level Faculty Development Programme on Transformation in Indian Education through New Education Policy- Challenges and Opportunities organized by Government First Grade College for Women, Balmatta from **05-07-2021 to 11-07-2021**.
- 15. Vivek Kumar Gupta** attended National Webinar on Industry 4.0 Role and Applications in Logistic Supply Chain by IETE Jabalpur on **30-06-2021**.
- 16. Vivek Kumar Gupta** attended National Webinar on Test Challenges in Integrated Circuits by IETE Jabalpur on **24-06-2021**.

Dr. Gaurav Dhiman

- 17. Dr. Gaurav Dhiman** has attended the 2nd IEEE International Conference of Emerging Technology (INCET 2021) during **21st to 23rd May 2021**.
- 18. Dr. Gaurav Dhiman** attended Expert Talk on 'Electric Vehicle Technology Overview' organised by Indo Universal Collaboration for Engineering Education, IUCEE Virtual Academy on **11th June 2021**.
- 19. Dr. Gaurav Dhiman** attended 'NEP workshop on Effective Teaching' organised by Indo Universal Collaboration for Engineering Education, IUCEE Virtual Academy from **8th June to 18th June 2021**.
- 20. Dr. Gaurav Dhiman** attended a Talk on 'Online Teaching and Online Assessment' organised by Inpods Ed-Tech on **19th June 2021**.

Dr. Nafees Ahamad

- 21. Dr. Nafees Ahamad** attended an online course on 'Neural Networks in Python: Deep Learning for Beginners: Nine point five hours' conducted by Start Tech Academy on Udemy, **June 4, 2021**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Jagannath Sahoo

1. Dr. Jagannath Sahoo, AICTE sponsored QIP-2021 on a topic relevant to the theme "Application of Machine Learning in Drug Discovery & Development",. Host Institute: Birla Institute of Technology, Ranchi (Division of Pharmaceutical Chemistry), **05 May 2021**.
2. **Dr. Jagannath Sahoo**, attended All India Council for Technical Education (AICTE), New Delhi, Sponsored two-week online faculty development Programme (FDP) entitled "Emerging Trends in Drug Design and Development", **Host Institute:** Roland Institute of Pharmaceutical Sciences, Berhampur (Odisha), **24 April 2021**
3. **Dr. Jagannath Sahoo**, attended "Writing a good Research Paper', **Host Insitute:** Amet University, Dept of Nautical Scienc., **18 June 2021**.

Dr. Mandeep Kr. Arora

4. **Dr. Mandeep Kr. Arora** attended 21 Days Faculty Development Programme on **Online Teaching Platforms and Tools** organized by Scrollwell (June 01st- 21st, 2021).
5. **Dr. Mandeep Kr. Arora** attended *Webinar on* Understanding pharmacology and therapeutics of COVID-19 on 10th May 2021. **Dr. Mandeep Kr. Arora** attended *Webinar on* Lean Startup and Minimum Viable Product on 21st May 2021.
6. **Dr. Mandeep Kr. Arora** attended *Webinar on* Role of Pharmacists in immunization on 2nd June 2021.
7. **Dr. Mandeep Kr. Arora** attended *Webinar on* Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients on 9th June 2021.
8. **Dr. Mandeep Kr. Arora** attended two Days National conference on "**Natural Products on Human Health- Opportunities and Challenges in the present Scenario**", from 9th -10th April 2021.

Ritu Tomar

9. **Mrs. Ritu Tomar** attended 21 Days Faculty Development Programme on **Online Teaching Platforms and Tools** organized by Scroll well (June 01st- 21st, 2021).
10. **Mrs. Ritu Tomar** attended Understanding pharmacology and therapeutics of COVID-19 on 10th May 2021.

11. **Mrs. Ritu Tomar** attended Role of Pharmacists in immunization on 2nd June 2021.
12. **Mrs. Ritu Tomar** attended Mucor mycosis (Black Fungus) prevention and treatment for post-COVID-19 patients on 9th June 2021.
13. **Mrs. Ritu Tomar** attended two Days National conference on & quot; Natural Products on Human Health- Opportunities and Challenges in the present Scenario & quot;, from 9th -10th April 2021.

Dr. Neeraj kr. Sethiya

14. **Dr. Neeraj kr. Sethiya** participated in International Virtual Symposium on “**Roles of Pharmacists in Immunization**” organized by Faculty of Pharmacy, DIT University, Dehradun on 2nd June 2021.
15. **Dr. Neeraj kr. Sethiya** attended Panel Discussion on Vaccination and Pharmacist organized by Faculty of Pharmacy, DIT University, Dehradun on 14th May 2021.
16. **Dr. Neeraj kr. Sethiya** participated in Virtual Symposium on IPR entitled as “Taking your Ideas to Market organized by IPR Cell, CIIES, DIT University, Dehradun on **26th April 2021.**
17. **Dr. Neeraj kr. Sethiya** delivered invited talk on Innovation, Startup, and Entrepreneurship in Higher Education: A way ahead to flourish self-reliant India at Oriental College of Pharmacy, Bhopal on **27th May 2021.**

Rahul Tiwari

18. Mr. Rahul Tiwari attended two Days National Conference on "Natural Products on Human Health- Opportunities and Challenges in the present Scenario" scheduled on **April 9-10, 2021.**
19. Mr. Rahul Tiwari attended AICTE Sponsored ATAL Faculty Development Program (FDP) on Drug Disposition: An Important Factor in Drug Engineering , organized by Bombay College of Pharmacy, from **June 1-5, 2021**

Dr. Amit kr. Keshari

20. Dr. Amit kr. Keshari successfully completed the sessions and attended lectures of Faculty Development Programme (FDP) during Drug Discovery & Design in 21st Century in Drug Engineering jointly organised by Netaji Subhas University of Technology, and AICTE Training and Learning (ATAL) Academy, Delhi from 5th-9th **July, 2021.**
21. Dr. Amit kr. Keshari attended webinar on Publication Ethics and Research in Neuroscience on **17th June 2021.**

22. Dr. Amit kr. Keshari attended webinar on HPTLC technique on **15th June 2021**.
23. Dr. Amit kr. Keshari attended webinar on **Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients”** on **9th June 2021**.
24. Dr. Amit kr. Keshari attended webinar on **Role of Pharmacists in immunization** on **2nd June 2021**.
25. Dr. Amit kr. Keshari attended webinar on **Vaccination and Pharmacists** on **14 May 2021**.
26. Dr. Amit kr. Keshari attended webinar on **Clinical Research - An Expert Talk** on **12 May 2021**.
27. Dr. Amit kr. Keshari attended webinar on **Understanding Pharmacology and Therapeutics of COVID-19** on **10th May 2021**.
28. Dr. Amit kr. Keshari attended webinar on **One Day Virtual National Seminar on IPR**, **26th April 2021**.

Dr. Nisha Sharma

29. Dr. Nisha Sharma attended webinar on **Lungs-Heart-Brain Interplay during and after COVID 19 infections** on **19th June 2021**.
30. Dr. Nisha Sharma attended webinar **Publication Ethics And Research In Neuroscience** on **17th June 2021**.
31. Dr. Nisha Sharma attended webinar **HPTLC technique** on **15th June 2021**.
32. Dr. Nisha Sharma attended webinar on **Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients”** on **9th June 2021**.
33. Dr. Nisha Sharma attended webinar on **Vaccination and Pharmacists** on **14 May 2021**.
34. Dr. Nisha Sharma attended **One Day Virtual National Seminar on IPR**, **26th April 2021**.

Samir Bhargava

35. Samir Bhargava presented Poster R1230-404 presented at **National Biotechnology Conference** 17-20 May 2021 (Hosted by American Association of Pharmaceutical Scientists, USA) – Bhargava S; Madhav NVS; Ahmad Y., Cyclosporine Loaded Nanoemulsions Using Biolipids from Neem Oil – 20 May 2021 (May 20, 2021 | 12:30pm-1:30pm ET - LIVE Special Poster Collection 4.... AAPS ePoster Library. Vick A. **May 21** 2021; 321235)

Dr. Dhirodatta Senapati

36. Dr. Dhirodatta Senapati attended a webinar on **Vaccination and Pharmacist**, organized by Department of Pharmacy, DIT University.

37. Dr. Dhirodatta Senapati attended virtual Meet-The-Editor sessions during the American association of Cancer research (AACR) Annual Meeting held on **May 19th 2021**.

38. Dr. Dhirodatta Senapati attended an International seminar on “**Role Of Pharmacists In Immunisation**” **2nd June 2021**, organized by Faculty of Pharmacy, DIT University.

Dr. Garima Panwar

39. Chaired, scientific session of Dr. Garima Panwar on a talk ‘Open innovation and role of IPR management in SMEs’ National Virtual Seminar on IPR, **April, 26th 2021**.

Dr. Manmohan Singhal

40. Dr. Manmohan Singhal attended AICTE sponsored one week short term training Programme on “**Approaches to teaching and self-efficacy beliefs**” from 17 May-22 **May 2021** organised by Columbia Institute of Pharmacy, Raipur

41. Dr. Manmohan Singhal attended AICTE sponsored 1 week STTP on **Computer Aided Drug Designing** from 10 May to **15 May 2021** organised by COP-Bela

42. Dr. Manmohan Singhal attended **International Virtual Symposium on Role of Pharmacists in Immunization** on **2 June 2021** organised by Faculty of Pharmacy DIT University, Dehradun.

43. Dr. Manmohan Singhal attended **Workshop series-1 on Product Development Approaches** on **19 February 2021** organised by DITU.

44. Dr. Manmohan Singhal attended **Workshop on HPTLC : Technique and Applications** on **June 15 2021** organised by Anchrom Enterprises (I) Pvt. Ltd. Mumbai & DITU Dehradun

45. Dr. Manmohan Singhal attended **Webinar on Understanding Pharmacology and Therapeutics of COVID-19** on **10 May 2021** organised by DIT University & DIPSAR.

46. Dr. Manmohan Singhal attended **Webinar on Career in Clinical Research** on **12 May 2021** organised by DITU & ICRI.

47. Dr. Manmohan Singhal attended **Webinar on Stress Management and Immunity Boosting Session** on **7 May 2021** organised by DITU.

48. **Dr. Manmohan Singhal** attended **Webinar on Publication Ethics & Research in Neuroscience** on 17 **June 2021** organised by FOP, DITU.
49. **Dr. Manmohan Singhal** attended **Panel Discussion on “Mucormycosis (Black Fungus) prevention and treatment for post-COVID-19 patients”** on 9th **June, 2021** Organised by - Faculty of Pharmacy, DIT University, Dehradun.
50. **Dr. Manmohan Singhal** attended Six month **MOOC on Cancer fundamentals** organised by Indian cancer Society & University of Delhi under ministry of Education from January to **June 2021**.

Dr. Rajeev Kr. Sharma

52. **Dr. Rajeev Kr. Sharma** attended webinar entitled **Pharmacist meeting the burning challenges of covid 19** by Farooqia College Of Pharmacy.
53. **Dr. Rajeev Kr. Sharma** attended webinar on **Understanding Pharmacology and Therapeutics of Covid-19** conducted by DIT University on 10th **May 2021**.
54. **Dr. Rajeev Kr. Sharma** attended SPARC sponsored 5 **days Indo US workshop on Pain mechanics and Therapeutics** from 6th may to 10th **may 2021** which was conducted by Department of Pharmaceutical Engineering and Technology IIT,BHU Varanasi India.
55. **Dr. Rajeev Kr. Sharma** attended 3 days **FDP Programme on QbD in Formulation development and IPR: Overview** organised by Krishna Teja Pharmacy College from 15th to 17th **June 2021**
56. **Dr. Rajeev Kr. Sharma** attended MHRD sponsored 5 days **Indo US Workshop On International Workshop On Neurobiology Of Pain And Ethics** from 29^h June to 3rd **July 2021** which was conducted by Department of Pharmaceutical Engineering and Technology IIT,BHU Varanasi India.

SCHOOL OF PHYSICAL SCIENCE (PHYSICS)

Dr. Surbhi Sachdev

1. **Dr. Surbhi Sachdev** attended a short-term course on **Green Energy Sources and Clean Technologies** organized by NITTTR, Chandigarh from 07.06.2021 to 11 **June 2021**.

Dr. Parveen Kumar

2. **Dr. Parveen Kumar** attended 01 (1 Week) Faculty Development Program on **Energy Harvesting Materials & Devices** organised by National Institute of Technical Teachers Training and Research., NITTTR, Chandigarh, from 24.05.2021 to **28 May 2021**.

3. **Dr. Parveen Kumar** attended 01 (1 Week) Faculty Development Program on Energy Storage Materials and Devices organised by National Institute of Technical Teachers Training and Research., NITTTR, Chandigarh, from 31.05.2021 to **04 June 2021**.
4. **Dr. Parveen Kumar** attended 01 (1 Week) Faculty Development Program on **Green Energy Sources and Clean Technologies** organised by National Institute of Technical Teachers Training and Research., NITTTR, Chandigarh, from 07.06.2021 to **11 June 2021**.
5. **Dr. Parveen Kumar** attended 01 (1 Week) Faculty Development Program on **Quantum and Energy Materials: Potential and Applications** organised by National Institute of Technical Teachers Training and Research. NITTTR, Chandigarh, from 14.06.2021 to **18 June 2021**.
6. **Dr. Parveen Kumar** attended 01 (1 Week) Faculty Development Program on **Multifunctional Nanomaterials and Characterization** organised by National Institute of Technical Teachers Training and Research., NITTTR, Chandigarh, from 21.06.2021 to **25 June 2021**.

Dr. Natasha Awasthi

7. **Dr. Natasha Awasthi** attended Faculty Development Program on Soft Computing and Data Science organised by ICFAI University Jaipur, from 1-06-2021 to **05 June 2021**.
8. **Dr. Natasha Awasthi** attended 18th International Conference on QPL (Quantum Physics and Logic) organised by Gdnask Poland from 7-06-2021 to **11 June 2021**.
9. **Dr. Natasha Awasthi** attended International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE 2021), organised by Amity University, M.P on **09 June 2021**.
10. **Dr. Natasha Awasthi** attended Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Quantum Computing" organised by Birla Institute of Technology Mesra from 21-06-2021 to **25 June 2021**.
11. **Dr. Natasha Awasthi** presented poster on International Virtual Conference on Computational Mathematic organised by Department of Mathematics PPG College of Arts and Science, Coimbatore, from 24-06-2021 to **25 June 2021**.

Dr. Samta Manori

12. **Dr. Samta Manori** Participated in Short Term Training Program on "Emerging Nanoscale Devices, Circuits and Its Applications (NANODC-21)", organized by Department of Electronics & Communication Engineering, Delhi Technological University, Delhi, India (Virtual mode) from 10-05-2021 to **14 May 2021**.

13. Dr. Samta Manori Participated in the Online AICTE Recognized Faculty Development Programme on “Quantum and Energy Materials: Potential and Applications”, organized by NITTTR Chandigarh from 14-06-2021 to **18 June 2021..**

14. Dr. Samta Manori Participated in the Online AICTE Recognized Faculty Development Programme on “Multifunctional Nanomaterials and Characterization”, organized by NITTTR Chandigarh from 21-06-2021 to **25 June 2021.**

Dr. Vishakha Kaushik

15. Dr. Vishakha Kaushik Participated in the National Webinar on Energy Efficient Innovations & applications organized by Department of Physics, Maitreyi College (NAAC ACCREDITED 'A' GRADE) university of Delhi on **30 June 2021.**

16. Dr. Vishakha Kaushik presented a paper in the Virtual International Conference on Hierarchically Structured Materials – 2021, organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 8-04-2021 to **10 April 2021.**

Dr. Ravi Kumar Shukla

17. Dr. Ravi K. Shukla attended a webinar on Meet the editor online: new journal of chemistry organized by Royal Society of Chemistry Landon UK on 22-04-2021.

18. Dr. Ravi K. Shukla attended a webinar on ACS Science Talk Virtual series: Dye-Sensitized Electron Transfer organized by American Chemical Society, USA on 23-04-2021

19. Dr. Ravi K. Shukla attended a webinar on ACS Science Talk Virtual series: Redox-active polymers for energy storage, organized by American Chemical Society, USA on **14 May 2021.**

20. Dr. Ravi K. Shukla participated and attended a Faculty Orientation program one-month organized by Teaching Learning Centre, Ramanujan College University of Delhi from 16-05-2021 to **15 May 2021.**

21. Dr. Ravi K. Shukla participated and attended a refresher course/faculty development programme on “Research Methodology and Data Analysis” organized by Teaching Learning Centre, Ramanujan College University of Delhi from 17-05-2021 to **31 May 2021.**

22. Dr. Ravi K. Shukla attended a webinar on ACS Science Talk Virtual series: Utilizing Light for Environmental Applications: Photo (electro) catalysis organized by American Chemical Society, USA on 28-05-2021.

23. Dr. Ravi K. Shukla attended a Faculty Development Programme on Education is “Holistic and Multidisciplinary” organized by IUCEE MISSION from 7-06-2021 to **16 July 2021.**

SCHOOL OF COMPUTING

Dr. Ranjeet Kumar Ranjan

1. Attended online training/webinar on “IEEE Xplore” organized by DIT University, Dehradun on **24th June 2021**.
2. Attended webinar on “CO-PO Attainment” organized by InPods Ed-tech on **12th June 2021**.
3. Attended 2-days online workshop on “JCR Certification Series 2021” hosted by Clarivate on **15th and 17th June 2021**.
4. Participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organized by School of Computing DIT University, Dehradun held on **24th April 2021**.

Dr. Mitali Srivastava

5. Participated in FDP on “IUCEE NEP FDP Student centred Teaching”, **June 2021**.
6. Participated in FDP on “Journal Citation Reports (JCR) Training & Certification Program” on **June 2021**.

Ajay Kumar

7. Participated in a 3-weeks online FDP on “Research Perspective on AI, ML, Data Science & IOT” organized by KL University, Andhra Pradesh held from **May 17 – June 5, 2021**.
8. Participated in a 5-days online STTP on “*Scientific Computing using Python Programming*” organized by Navrachana University, Vadodara, Gujrat held from **May 31 – June 4, 2021**.
9. Participated in a 5-days online FDP on “*Artificial Intelligence in Health Science*” organized by D. Y. Patil University, Navi Mumbai, Maharashtra held from **May 3 – 7, 2021**.
10. Participated in a 5-days online FDP on “*Recent Advances in Data Science and Computational Intelligence*” organized by **NIT Jalandhar**, Punjab held from **April 26 – 30 2021**.

Nitin Thapliyal

11. Attended Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organised by SOC, DIT University on **24th April 2021**.
12. Participation in Five Days Virtual Hands-on STTP on “*Scientific Computing using Python Programming*” organized by Navrachana University, Varodara held during **31st May - 4th June 2021**.

Dr. Anil Kumar

13. Attended 2-days online workshop on “JCR Certification Series 2021” hosted by Clarivate on **15th and 17th June 2021**.
14. Participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organized by School of Computing DIT University, Dehradun held on **24th April 2021**.

Dr. Priyanka Dahiya

15. Attended 2-days online workshop on “JCR Certification Series 2021” hosted by Clarivate on **15th and 17th June 2021**.
16. Participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organized by School of Computing DIT University, Dehradun held on **24th April 2021**.
17. Attended Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics”, organized by School of Computing DIT University, Dehradun, India, held on **24 April 2021**.
18. Attended faculty development webinar on “W1-Blended Learning”, held on 16 June 2021, organized by Bharat Institute of Engineering and Technology, New Delhi, India.
19. Attended webinar on "Unlock your research Potential with IEEE Xplore", organized by Central Library DIT University, Dehradun, India, **24 June 2021**

Anuj Kumar Yadav

20. Online webinar on “IEEE Explore”, organized by DIT UNIVERSITY on June 26, 2021.
21. One Week ONLINE Faculty Development Program(FDP) on “Cloud Computing”, organized by E & ICT Academy IIT Kanpur, from **June 7-12, 2021**.
22. One Week ONLINE Faculty Development Program(FDP) on “IPR & Patent Prosecution”, organized by the Department of Computer Science and Engineering, MVSREC, Hyderabad from **May 24-28,2021**.

Moumita Ghosha

23. **Moumita Ghosh** has completed the Faculty Development program on Machine learning from 5th April - 10th April, 2021 from E& ICT Academy, IIT Kanpur.
24. **Moumita Ghosh** has participated online webinar on Online teaching learning & online assessment from INPOD on 19th June, 2021.

Dr. Neeraj Kumar Pandey

25. **Dr. Neeraj Kumar Pandey** Participated 6 days National Online Faculty Development Program on “Multi Technologies” organized by Department of Computer Science and Engineering, Shri Ramswaroop Memorial Group of Professional Colleges, Lucknow in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during **June 28, 2021 to July 03, 2021**.
26. **Dr. Neeraj Kumar Pandey** Participated in online training workshop on “IEEE Xplore” organized by DIT University and EBSCO information service on **June 24, 2021**.
27. **Dr. Neeraj Kumar Pandey** Participated Mendeley training course jointly organized by I2OR and Elsevier on **June 20, 2021**.
28. **Dr. Neeraj Kumar Pandey** Participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organized by School of Computing DIT University, Dehradun on **April 24, 2021**.

Sneh Lata Aswal

29. **Sneh Lata Aswal** Participated in Faculty Development Program titled “Data science” organised by E & ICT academy, IIT Kanpur from **11 June 2021 to 27 June 2021**.
30. **Sneh Lata Aswal** Participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” organized by School of Computing DIT University, Dehradun on **April 24, 2021**.
31. **Sneh Lata Aswal** has successfully completed an Online Faculty Development Programme on “Teaching Methodology for Technical Education” held from **5-10 Aril 2021** at Jharkhand Government Tool Room, Ranchi.
32. **Sneh Lata Aswal** participated in a 40-hours online Faculty Development Program titled “Data Science for All” jointly organised by Electronics and ICT Academics at NIT Warangle, IITDM Jabalpur, IIT Kanpur, NIT Patna, IIT Guwahati, MNIT Jaipur and IIT Roorkee during the **12-23 Aril 2021**.

Sisir Kumar Jena

33. **Sisir Kumar Jena** Participated in 12-hour Online Workshop on Domain Specific Accelerators organized by Department of CSE, IIT Guwahati in collaboration with the University of Catania, Italy held during 18,25 June 2021 and 2,9 **July, 2021** under the SPARC Project P:271 - Approximate Computing Techniques for Resource Constrained Edge Devices.
34. **Sisir Kumar Jena** Participated in 12-hour Online Workshop on Embedded System Technologies for Deep Learning and Approximate Computing organized by Department of CSE, IIT Guwahati in collaboration with the University of Naples Fedrico II, Italy held during 29-30 May 2021 and 5-6 June, 2021 under the SPARC Project P:271 - Approximate Computing Techniques for Resource Constrained Edge Devices.

- 35. Sisir Kumar Jena** Participated in online training workshop on “IEEE Xplore” organized by DIT University and EBSCO information service on **June 24, 2021**.

Ena Jain

- 36. Ena Jain** participated in a 40-hours online Faculty Development Program titled “Data Science for All” jointly organised by Electronics and ICT Academics at NIT Warangle, IITDM Jabalpur, IIT Kanpur, NIT Patna, IIT Guwahati, MNIT Jaipur and IIT Roorkee during the **12-23 Aril 2021**.
- 37. Ena Jain** has successfully completed an Online Faculty Development Programme on “Teaching Methodology for Technical Education” held from **5-10 Aril 2021** at Jharkhand Government Tool Room, Ranchi.
- 38. Ena Jain** has participated in the online training /webinar on “IEEE Xplore” organised by DIT UNIVERSITY.

Chandra Prakash

- 39. Chandra Prakash** has participated in Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics” held on 24th April 2021, organized by School of Computing DIT University, Dehradun, India.
- 40. Chandra Prakash** has successfully completed the Journal Citation Report (JCR) Certification Series-2021 on **8th July, 2021**.

Dr. Ashok Kumar

- 41. Dr. Ashok Kumar** has attended one-week National Level Online Faculty Development Program on Multi Technology from **28th June 2021 to 3rd July 2021** organised by the Department of Computer Science & Technology in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd.
- 42. Dr. Ashok Kumar** has attended one week Faculty Development Program on Future and Challenges in Engineering and Technology held from 14 May 2021 to 18 May 2021 organised by Krishna Engineering College Ghaziabad U.P.
- 43. Dr. Ashok Kumar** has attended one week Entrepreneurship development Program (Sponsored by RUSA) from **03 June 2021 to 08 June 2021** organized by faculty of management study Mohanlal Sukhadia University, Udaipur.

Khushboo Jain

- 44.** Participated in webinar in the online training/webinar on “IEEE Xplore” organized by DIT University. **24th June 21**
- 45.** Organized an Expert lecture series on "Future aspect in AI, ML and BD Analytics" organized by School of Computing, DIT University. **24th April 21**

Dr. Jyoti Rawat

46. Attended One Week Online FDP on "Recent advancement on Electronics and Computer Intelligence (RAECI-2021)" organized by Sambalpur University Institute of IT SUIIT, Burla, Odisha held on **26th – 30th April 2021**.
47. Attended One Week Online FDP on "Application of Computers in Biology" organized by Galgotias University held on **7th - 11th June 2021** sponsored by ATAL Academy.
48. Attended One Week Online FDP on "Machine Learning and Computer Vision" organized by Vignans Foundation for Science Technology and Research University held on **21st - 25th June 2021** sponsored by ATAL Academy.

Dr. Srabanti Maji

49. Attended 21 Days Faculty Development Programme on "Online Teaching Platforms and Tools", in SCROLLWELL, 1st June to 21st **June 2021**.
50. Attended "Scientific Computing using Python Programming", Short-Term Training Program at Navrachana University of Vadodara, Gujarat, India, 31 May to 4 **June 2021**.
51. Academic Guest lecture in "Information Management Basics", organized by Department of Computer Science and Engineering, Amity School of Engineering and Technology, Amity University, Jharkhand, Ranchi, India on 23rd **May 2021**.

Dr. Megha

52. **Megha Bhushan** has attended 1 Week National Faculty Development Program on Multi Technology, organised by Department of CSE, Stanley College of Engineering and Technology for Women, in collaboration with BRAIN O VISION and National Youth Council of India, from 28 June to 3 **July, 2021**
53. **Megha Bhushan** has attended 1 Week Faculty Development Program on Python, organised by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur), from 5th July 2021 to 10th **July 2021**

Dr. Amit Kumar Mishra

54. **Dr. Amit Kumar Mishra** invited as guest speaker in 1 week –online FDP on Machine Learning using Python for effective Research and Management Decision; **June 28-29, 2021**; organized by Amity Business School and Amity School of Business Ranchi [Amity University, Jharkhand].
55. **Dr. Amit Kumar Mishra** has attended 1 Week Faculty Development Program on Python from **5th July 2021 to 10th July 2021** organised by E & ICT Academy, IIT Kanpur (A Joint Initiative of Meit Y & IIT Kanpur)

56. **Dr. Amit Kumar Mishra** has organized Faculty Induction Programme held on July 22-24, 2021 at DIT University, Dehradun, India.

57. S. Raturi and **A. K Mishra**, Fake news detection in social networks using Machine learning: A Review (February 19, 2021). 3rd International Conference on Advanced Computing and Software Engineering (ICACSE) 2021, Available at SSRN [**Indexed in Scopus**], 2021.

Saurabh Kumar

58. Attended the Online Training / Webinar on “IEEE Explore” conducted by EBSCO Information Services India Pvt. Ltd. at DIT University, Dehradun on **24-06-2021**.

Dr. Arshad Husain

59. Attended Expert Lecture Series on “Future Aspects in Artificial, Machine Learning and Big Data Analytics, organized by School of Computing DIT University, Dehradun, India, ”, **24 April 2021**.

60. Attended faculty development webinar on “W1-Blended Learning”, organized by Bharat Institute of Engineering and Technology, New Delhi, India, held on **16 June 2021**.

61. Attended webinar on "Unlock your research Potential with IEEE Xplore", organized by Central Library DIT University, Dehradun, India, held on **24 June 2021**.

Maneesha

62. Attended webinar on “NEP 2020: VISION TO ACTION” conducted by IIIT Kalyani, on **13 May 2021**

63. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Application of Computers in Biology" conducted by Galgotias University, from 07-06-2021 to 11-May **2021**

64. Attended one day webinar on “Online Teaching and Online Assessment” by inPods Ed-Tech on 19 **June 2021**.

65. Attended one week faculty development program on Website Development Using Word Press, organized by E & ICT Academy, IIT Kanpur, from **14th June 2021 to 19th June 2021**

Naveen Kumar

66. Attended AICTE sponsored Quality Improvement Programme (QIP) short-term course on "Machine Deep Learning for Textual Data Processing and Software Product Line Engineering" organized via online mode during 24-05-2021 to 31-05-2021 by the Department of Computer Science and Engineering, Indian Institute of Technology Roorkee (**May 2021**).
67. Presented research paper titled by Challenges and Applications of Multimedia Big Data Computing, In international conference on "ON INTELLIGENT ENGINEERING AND MANAGEMENT (ICIEM 2021)" Department of Computer Science and Engineering, AMITY UNIVERSITY LONDON (**April 2021**)

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Dr. Sanjeev Kumar

1. Lecture delivered on title "Employment Intensity of Growth in South Asian Countries in Last Two Decades (2000-2019)", organised by Faculty of Commerce and Management, C Z Patel College of Business and Management – a constituent college of Charutar Vidya Mandal University (CVM University), Gujarat, **April 30, 201**.

Dr. Deepesh Kumar Thakur

2. Participated in National Workshop on Water Budgeting: An Approach for Sustainable Water Resource Management in Rajasthan, Organized by AICRP on IWM, Directorate of Research, MPUAT, Udaipur, Rajasthan, India on 21st **June, 2021**.
3. Participated in the One Day International Webinar on "Social Marginalization of Women in India through the Pages of History" held under the joint aegis of Centre for Women's Studies, Maharaja Ganga Singh University, Bikaner and Department of History, KAHM Unity Women's College, Manjeri, Malappuram, University of Calicut, Kerala on June 23, 2021, Wednesday.
4. Guest Lecture on "Environment, Policy, Education Development in India, organized by ICFAI University, Dehradun on 5th **June, 2021**.
5. Attended a Panel Discussion on "Vaccination and Pharmacists" **Friday, 14th May, 2021**, Organised by Faculty of Pharmacy, DIT University, Dehradun.

Dr. Sakshi Semwal

6. Attended 8 Days FDP on "Pedagogy and Research Skills Development" from **21st to 29th June 2021** organized by the Amity School of Languages, Amity University Maharashtra.

Dr. Vikash Kumar Mishra

7. Participated in the Seminar on “Impacts of Cash and Food Transfers on Households, Women and Children: Experimental evidence from Bangladesh” organized by Institute for Human Development, New Delhi, June 11, 2021.

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Gopal Kumar

1. **G. Kumar**, participated in International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE 2021) at Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior, held on **09 June 2021**.
2. **G. Kumar**, attended webinar on CO-PO attainment organized by InPods Ed-tech, on **12 June 2021**
3. **G. Kumar** delivered a talk in "Orientation session for Students and Faculties of Institute by Innovation Ambassadors" on 25th June 2021 organized by Institution Innovation Council, DIT University as per the guidelines of Ministry of Education's Innovation Cell.

Rakesh K. Pandey

4. **R. K. Pandey** attended webinar on “Developing ML Applications Responsibly” by Dr. Prasad Ramanathan, Senior Director, Capgemini Technology Services India Ltd on 03rd **May 2021**.
5. **R. K. Pandey** attended webinar on “Effective time management - Time isn’t the main thing, it’s the only thing” by Mr. Anil Kumar Sharma, Director, Capgemini Technology Services India Ltd on 05th **May 2021**.
6. **R. K. Pandey** attended webinar on "Integration of Renewable Energy into the Indian Grid" by Mr. P. Mahendra Kumar, Additional Chief Manager, NLC India Limited on 12th **May 2021**.
7. **R. K. Pandey** attended webinar on "Journal Citation Reports (JCR) Training & Certification Program 2021" organised by Clarivate **from 15th June 2021 to 17th June 2021**.

8. **R. K. Pandey** attended webinar on "Online Teaching - Learning and Online Assessment" organised by Inpods Ed-tech on 19th June 2021.

Gaurav Richhariya

9. Gaurav Richhariya was invited as a panellist by ONGC "Cemeting R&D Lab" for discussion on Self-Healing Cement application in HPHT wells on **19 May 2021**.

SCHOOL OF PHYSICAL SCIENCE (CHEMISTRY)

Prof. Naveen Singhal, Dr. Manisha Duseja, Dr. Suheel Porwal & Dr. Jabrinder Singh

1. Attended One week workshop / seminar on Yoga Awareness by Uttarakhand Ayurved University in association with DIT Univ. & NSS Directorate, 15-21 **June, 2021**.

Dr. Jabrinder Singh

2. **Invited talk** on Youth for clean air program by Clean Air Asia on **05, June 2021**.

f) BOOK REVIEWS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF COMPUTING

Sisir Kumar Jena

1. **S. K. Jena**, "OPERATING SYSTEMS A Concept – based Evolutionary Approach by PRANABANANDA CHAKRABORTY," *Taylor & Francies Group*, Proposal Received date: 13th April 2021. Review Submission Date: **18th April 2021**.

g) MONOGRAPHS/ POLICY PAPERS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Gagan Singh

2. **G. Singh** "Responsibility of USA, As a Role Model in the field of Higher Education" <https://www.thehighereducationreview.com/magazines/universities-and-colleges> Special Issue: **June 2021**.

h) CREATIVE WORK AND PERFORMANCES (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Dhirodatta Senapati

1. **Dr. Dhirodatta Senapati** started growing cancer cells in the lab and planning to start cell viability assays in presence of different chemotherapeutic drug.

Dr. Rajeev Kr. Sharma

2. **Dr. Rajeev Kr. Sharma** organized Awareness on Quit Tobacco on **31st May 2021**.
3. **Dr. Rajeev Kr. Sharma** organized Awareness on Tuberculosis day on **24 March 2021**.

i) NEWSPAPER/MAGAZINE ARTICLE AND EDITORIALS (BETWEEN APRIL 1 -JUNE 30)

Nil

V. PATENTS (PUBLISHED/GRANTED) (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF COMPUTING

Dr. Garima Verma

1. V.Shukla, A. Rajesh, U. Kapoor, M.K. Kotha, M. P. Thakre, **G. Verma**, H. K. Pallathadka, S. G. Naik, H. Verma, A. K. Agarwal , “Artificial Intelligence Based Smart Door System And Method Thereof”, Indian Patent, Application No. 202141022947 A, Publication Date: **June 2021, (Published)**.

Dr. Anurag Aeron

2. **A. Aeron**, Angadi, S. Kumar; Bora, Ashim, Gandhi, P. Priyesh, Harakannanavar, Sunil S. ; Kumar, Neeraj; Mayannavar, Shilpa; Mohan, Anand; Rajak, Shraddha; Rastogi, Ritesh; Singh, Bhaludra R Nadh; Srivastava, Sandip; A. K Varma, “AN ARTIFICIAL INTELLIGENCE

BASED HEART DISEASE MONITORING SYSTEM”, Available at IP Australia: AusPat Search Results and IP Australia: AusPat Application Details Application No. 2021101570, April 2021, **(GRANTED)**.

SCHOOL OF ENGINEERING & TECHNOLOGY (MECHANICAL ENGINEERING)

Dr. Manoj Kumar

4. R. Bahuguna, M. K. Kant Singh, **M. Kumar** & S. Chamoli, “A Triple Blade Vortex Generator Insert for Heat Exchanger”, Indian Patent Filing Application No. 202111025564 A, **June 2021, (Published)**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Amit K. Keshari & Dr. Nisha Sharma

6. Dr. Sandeep K. Shukla, Dr. Shobhit Srivastava, Dr. Gunjan, **Dr. Amit K. Keshari**, Dr. Saurabh Srivastava, **Dr. Nisha Sharma**, Dr. Prafulla, C. Tiwari, Arti Gupta. Method for the formation of non-invasive nanoparticles functionalized with anti-EPHA3. Indian Patent Application Number – 202111016861 A, **April 2021 (Published)**.

VI. ORGANIZATION OF NATIONAL/INTERNATIONAL CONFERENCES/ MEETINGS/ WORKSHOPS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ARCHITECTURE AND DESIGN

Prof. Chhabi Mishra

1. Conducted a One Day webinar on “Architecture and Design as a Career Option” on **April 27th, 2021**

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Sonika Singh

1. **Dr. Sonika Singh**_Organized Webinar on 'Introduction to Nanophotonics' on 5th June'2021 under the flagship of SPIE Chapter DIT University, Speaker-Prof. Gopal Krishna Hegde, IISc Bangalore, Moderator-Dr. Santosh Kumar, DIT University, Welcome Address-Dr. Sonika Singh, DIT University. Convener-**Dr. Sonika Singh**, Co-Convener-**Dr. Kuldeep Choudhary**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Mandeep kr. Arora

1. **Webinar organized**, Management of COVID-19 with Ayush System on **12 June, 2021**.
2. **Webinar organized**, Lungs-Heart-Brain Interplay during and after COVID 19 infections, on **19 June 2021**.

Dr. Neeraj kr. Sethiya

3. Organized and moderated session on Building an Innovation/Product fit for Market on 28th May 2021 by CIIES, DIT University, Dehradun.
4. Organized and moderated Orientation Session by Innovation Ambassador on 25th **June 2021** by CIIES, DIT University, Dehradun.
5. Organized and moderated session on "HPTLC Techniques and Application" Jointly organized by Faculty of Pharmacy, DIT University and Anchrom Enterprises Pvt Ltd on **15th June 2021**

Dr. Bhavna

6. Virtual International Symposium "Role of Pharmacists in Immunization" 2nd June 2021, organized by Faculty of Pharmacy, DIT University.
7. Webinar on "Mucormycosis (Black Fungus) prevention and treatment for Post-COVID-19 patients" 9th June 2021, organized by Faculty of Pharmacy, DIT University in collaboration with IPA- DSB New Delhi.
8. **Webinar on "Publication Ethics and Research in Neuroscience"** 17th June 2021, organized by Faculty of Pharmacy, DIT University.

Samir Bhargava

9. Creation of Awareness for Webinar - Distributing the Registration Form Nationally and Internationally.
10. Training of Speakers on TEAMS for Sharing while being LIVE
11. Distribution of Feed Back and Certificates to all Participants.

Dr. Havagiray Chitme

12. Webinar "**Understanding Pharmacology and Therapeutics of COVID-19**" 10th May 2021, jointly Organised by DIT University, Dehradun and Delhi Pharmaceutical Sciences and Research University, New Delhi on Monday, 10th May, 2021.
13. As a part of World IP Day Celebration on 26th April, IPR Cell of DIT University Dehradun organized **One Day Virtual National Seminar on Intellectual Property Rights**.
14. **Webinar on Intellectual Property Valuation & Licensing Technique**. In Association with Intellectual Property Talent Search Examination, 15th April, 2021.
15. **Webinar on Intellectual Property Rights (IPRs) and IP Management for Start Up**. In association with PHD CCI IP Facilitation Centre. 10th June, 2021.
16. **Training Session** on Derwent Power Innovation. In association with Clarivate, 8th June, 2021.
17. **Webinar, Build your Career in Pharmacy** at DIT University Dehradun. 20 May 2021.
18. **Webinar on Career in Clinical Research**. Speaker Dr. Wasifa Muzaffar, Organised at DITU in Association with ICRI. 12th May, 2021
19. Webinar on *Pharmacist a Frontline Fighter Against Corona Virus Infection, 19/4/2020*.
20. Webinar on "**Publication Ethics and Research in Neuroscience**" 17th June 2021.
21. Webinar on '**Management of COVID-19 with Ayush System**' on 12th June 2021.
22. International Virtual Symposium on '**Role of Pharmacists in Immunization**' 2nd June, 2021.
23. Panel Discussion on '**Vaccination and Pharmacists**' 14th May, 2021

SCHOOL OF COMPUTING

Dr. Megha Bhushan, Dr. Kumar Shashvat & Dr. Arshpreet Kaur

1. Organized an Expert Lecture Series on Future Aspects in Artificial Intelligence, Machine Learning, and Big Data Analytics held on 24 April, 2021 at School of computing, DIT University, Dehradun, India.

Dr. Anurag Aeron

2. Dr. Anurag Aeron has organized Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs **Friday 19th Feb 2021** at SoC, DIT University Dehradun
3. Dr. Anurag Aeron has organized Session on "How to plan for Start-up and legal & Ethical Steps" – Friday **30th April 2021** at SoC DIT University Dehradun
4. Dr. Anurag Aeron as Speaker in Orientation session for Students and Faculties of Institute by Innovation Ambassadors; **June 25, 2021**; organized by Institution

Innovation Council, DIT University as per the guidelines of Ministry of Education's Innovation Cell.

Dr. Rakesh Kumar Yadav

5. Expert Lecture Series on Future Aspects in Intelligence, Machine Learning and Big Data Analytics
6. Held at DIT university in online mode on 24th April 2021

SCHOOL OF PHYSICAL SCIENCE (CHEMISTRY)

1. Dept. of Chemistry celebrates World Environment Day -2021 virtually by organizing e-conference and quiz competition, 05 June 2021.
2. LAW Lab. (Centre of Excellence) & Dept. of Chemistry organizes e- Conference on International Biodiversity Day 22 May 2021.

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

SCHOOL OF COMPUTING

Dr. Ranjeet Kumar Ranjan

1. Reviewed a research manuscript for the journal Archives of Computational Methods in Engineering (ARCO), Springer on 27 May 2021.
2. Reviewed multiple research manuscripts for the conference IEEE International Conference on Computing, Power and Communication Technologies (GUCON-2021) on 14 June 2021.

Khushboo Jain

1. Reviewed a technical paper on “An Intelligent Fault-Tolerant Routing Scheme for IoT-enabled Wireless Sensor Networks” for International Journal of Communication System (IJCS), Wiley on 14th June 2021.
2. Reviewed a technical paper on “The darkside of cloud computing - Security and Privacy Assessment of Cloud Computing” for Journal of International Journal of Information Security and Privacy (IJISP), IGI-Global on 3rd April 2021.

3. Reviewed a technical paper on “Design and Game Experience Evaluation of Card Game for Enhancing Cybersecurity Behaviour of Smartphone Users” for Journal of International Journal of Information Security and Privacy (IJISP), IGI-Global on **29th April 2021**.
4. Reviewed a technical paper on “Security Requirements Specification by Formal Methods: A Research Metadata Analysis” for Journal of International Journal of Information Security and Privacy (IJISP), IGI-Global on **14th June 2021**.
5. Reviewed a technical paper on “Perturbation-Based Fuzzified K-Mode Clustering Method for Privacy Preserving Recommender System” for Journal of International Journal of Information Security and Privacy (IJISP), IGI-Global on **16th June 2021**.

Dr. Kumar Shashvat

1. International Society of Global Health, Membership Number: 00809

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Gaurav Richhariya

1. Gaurav Richhariya has become a professional life time member of Institute of scholars.

SCHOOL OF ENGINEERING & TECHNOLOGY (CIVIL ENGINEERING)

Dr. Rana Acharyya

1. **Dr. Rana Acharyya** reviewed a technical paper on Precipitation and infiltration triggered instability of slopes: Numerical Approach for Journal of Innovative Infrastructure Solutions, Springer on **19 April 2021**.
2. **Dr. Rana Acharyya** reviewed a technical paper on Effect of Slime on Engineering Characteristics of Large-Diameter Cast-in-Place Pile for KSCE Journal of Civil Engineering, Springer on **20 April 2021**.
3. **Dr. Rana Acharyya** reviewed a technical paper on A Deep Neural Network Model for Fashion Collocation Recommendation using Side Information in E-commerce for Journal of Applied Soft Computing, Elsevier on **24 May 2021**.

4. **Dr. Rana Acharyya** reviewed a technical paper on Effect of Different Reinforced Load Transfer Platform on Geosynthetic-reinforced Pile-supported Embankment: Centrifuge Model Test for KSCE Journal of Civil Engineering, Springer on **24 May 2021**.
5. **Dr. Rana Acharyya** reviewed a technical paper on Multi-step wind speed forecasting based on secondary decomposition algorithm and optimized back propagation neural network for Journal of Applied Soft Computing, Elsevier on **17 June 2021**.

SCHOOL OF PHYSICAL SCIENCE (PHYSICS)

Dr. Praveen Kumar

1. **Dr. Parveen Kumar** reviewed a paper for Physics E: Low-dimensional Systems and Nanostructures, [IF: 3.38], **June 2021**.

Dr. Ravi Kumar Shukla

2. Dr. Ravi Kumar Shukla reviewed a paper for Journal of Physics and Chemistry of Solids [IF: 3.99], **June 2021**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Rajeev kr. Sharma

1. Life Member of APTI, (Association of pharmaceutical teachers of India), Mem. no. UA/LM-037.
2. Registered pharmacist under *P.C.I. REG. NO UA-1969*.
3. Life member of *IPA REG. NO UTT/LM/0004*.
4. Life time member of FHER (FHER/LM/19/249) Foundation for Health and Environmental Research.

VIII. AWARDS/ HONORS/ FELLOWSHIPS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ENGINEERING & TECHNOLOGY (EECE)

Dr. Sonika Singh

1. **Dr. Sonika Singh** awarded "Best Readers award" on World Book and Copyright Day celebrated by Central Library, DIT University, Dehradun, on **23 April 2021**.

Dr. Santosh Kumar

2. Reviewed 130 International SCI Journal[<https://publons.com/researcher/1235205/santosh-kumar/metrics/>], during **April-June 2021**.

Dr. Kuldeep Chaudhary

3. **Session Co-Chair: Dr. Kuldeep Choudhary** Co-Chaired a Scientific Session during "One Day Virtual National Seminar on Intellectual Property Rights" held on 26th April, 2021 and Organized by IPR Cell, CIIES, DIT University, Dehradun, **THEME: IP & SMEs: Taking your ideas to market**.

Dr. Gaurav Dhiman

4. **Dr. Gaurav Dhiman** has **chaired a session** in the 2nd IEEE International Conference of Emerging Technology (INCET 2021) during **21st to 23rd May 2021**.

Dr. Abhinandan Routray

5. Reviewed 5 International SCI Journal during **April-June 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Gopal Kumar

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

Rakesh K. Pandey

2. **R. K. Pandey** has become a reviewer for IEEE 9th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO'2021) and reviewed two research articles.

Gaurav Richhariya

3. Gaurav Richhariya has been awarded by young researcher award for Development of Self-Healing Cement by Institute of Scholars.

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Prof. Ram Kumar Gupta

1. Nominated for the **Best Researcher Award** in “**International Scientist Awards on Engineering, Science and Medicine**” by VD GOOD Professional Association, India

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Neeraj kr. Sethiya

3. **Dr. Neeraj kr. Sethiya** received Certification as Certified Publons Academy Supervisor on **15th April 2021**.
4. **Dr. Neeraj kr. Sethiya** received certificate of Appreciation for delivering talk on Innovation, Start-up, and Entrepreneurship in Higher Education: A way ahead to flourish self-reliant India at Oriental College of Pharmacy, Bhopal on **27th May 2021**.
5. **Dr. Neeraj kr. Sethiya** received Certificate of Recognition for Reviewing Manuscript for Elsevier Journal Neurochemistry International (**SCI, Impact Factor: 3.9**).
6. **Dr. Neeraj kr. Sethiya** honoured as Recognized Mentor for Start-up India.

Dr. Rajeev kr. Sharma

7. Conducted Webinar on **Stress Relieving and Immunity Boosting** by Art of living on 7th May 2021.
8. Report presentation in an International Conference Entitled **Role of Pharmacist and Immunization** at DIT University which was conducted on 2nd June 2021.
9. Coordinated an International Conference Entitled **Intellectual Property Rights** conducted by CIIES and DIT University.
10. Coordinated and conducted a webinar **Entitled Research Ethics and Progress in neuroscience** on 17th June 2021.
11. Presented the webinar on **Hypertension** Conducted by Aarogya club on World Hypertensive day by DIT University faculty of Pharmacy

SCHOOL OF PHYSICAL SCIENCE (CHEMISTRY)

Prof. Naveen Singhal

1. Appreciation for Societal Work by Discovery Uttarakhand.
2. Appreciation for COVID-19 work by Dettol
3. Corona warrior award by Devbhoomi Insider.

SCHOOL OF COMPUTING

Moumita Ghosh

1. **Moumita Ghosh** was awarded with certificate of appreciation for making a video lecture series on Cloud Computing in Mission Entrepreneurship Development on 5th April, 2021 from IID Incubator under PPP Mode with Msme, Govt. of India, New Delhi.
2. **Moumita Ghosh** was Invited speaker on webinar of Orientation Session for by Innovation Ambassadors covering National Innovation and Startup policy on **11th June, 2021** from 1pm- 2 Pm in online mode. Link of webinar- <https://youtu.be/sVyQJLCv4AI>.

Dr. Rakesh Kumar Saini

3. **Dr. Rakesh Kumar Saini** was Invited Keynote Speaker for 5th International Conference on advances in computing and data sciences organized by MVPS'S Karmaveer Adv.Baburav Ganpatrao Thakare college of Engineering, Nashik, Maharashtra, India during **23-24th April 2021**.
4. **Dr. Rakesh Kumar Saini** chaired a session of 4th Edition of International Conference on Communications and Cyber-Physical Engineering (ICCCE–2021), Springer Conference, organized by Department of Computer Science & Engineering, CMR Engineering College, Hyderabad, India during **9- 10th April 2021**.

IX. DOCTORAL STUDENTS AWARDS/ACHIEVEMENTS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Dr. Kiran Badoni Mangain

1. Ms. Simranjyot Kour defended her PhD Thesis successfully on 8th **July 2021**.
2. Mr. Rao Raghiv Khan's PhD Proposal has been accepted by the RDC on 28th **July 2021**.

Dr. Sakshi Semwal

1. Ms. Nitasha Jamwal Ph.D Scholar submitted her Ph.D thesis, **July 2021**.

X. CONSULTANCY DETAILS (BETWEEN APRIL 1 -JUNE 30)

Nil

XI. OTHER ACHIEVEMENTS (BETWEEN APRIL 1 -JUNE 30)

SCHOOL OF ARCHITECTURE AND DESIGN

Ar. Jitendra Sarohi

1. Appointed as an observer by Council of Architecture, Govt, of India to conduct National Aptitude Test in Architecture, **10th April 2021**.

Ar. Meghna Chatterji

2. Invited as a Juror for the subject Building construction & Materials by Purnima University, Jaipur on 19th **June 2021**.

Ar. Sanan Verma

3. Appointed as Juror for International Architectural Poetry Competition (4TH cycle) organized by Architectural Journalism and Criticism Organization from 17th may – 30th **June 2021**

SCHOOL OF LIBERAL ARTS & MANAGEMENT (HUMANITIES)

Prof. Ram Kumar Gupta

1. **Judged Short Poetry and Poster Making Competition** on ‘International Day against Drug Abuse and Illicit Trafficking’ Organized by IMS Unison University, Dehradun on 26th **June 2021**.

SCHOOL OF COMPUTING

Anuj Kumar Yadav

1. The online certification course on “Introduction to information security”, conducted by Great Learning on **May 2021**.

Dr. Garima Verma

2. **Dr. Garima Verma**, completed course of "Introduction to blockchain Technologies" from Coursera offered by INSEAD **May 2021**.

Dr. Neeraj Kumar Pandey

3. **Dr. Neeraj Kumar Pandey** completed Four-week online course on Machine Learning for all authorized by University of London and offered through Coursera on **June 24, 2021**.

Dr. Rakesh Kumar Saini

4. **Dr. Rakesh Kumar Saini** chaired a session of 5th International Conference on advances in computing and data sciences organized by MVPS'S Karmaveer Adv. Baburav Ganpatrao Thakare college of Engineering, Nashik, Maharashtra, India during **23-24th April 2021**.

Anurag Srivastava & Dr. Rama Sushil

5. **Anurag Srivastava & Dr. Rama Sushil**, copyright registered for "AN ANDROID APP FOR DETERMINATION OF MELTING POINT OF CHEMICAL SUBSTANCES", Registration No. SW-14662/2021, diary number 11194/2021-CO/SW, Available at <https://copyright.gov.in/Documents/ERegister/E-Register June 2021.pdf>. **21 June, 2021**.

Dr. Narendra Kumar

6. Introduction to Big Data an online non-credit course authorized by university of California San Diego and offered through Coursera, **Jun 2021**.

SCHOOL OF PHARMACEUTICAL & POPULATIONS HEALTH INFORMATICS

Dr. Mandeep kr. Arora

1. Received certificate of excellence in reviewing by Journal of Pharmaceutical Research International, for reviewing research paper **7th June 2021**.

Bhavna

2. Certificate of Participation, Three Day Faculty Development Program on "QBD in Formulation Development & IPR Overview", organized by Krishna Teja Pharmacy College, Tirupati, **15th-17th June 2021**
3. Participation in AICTE sponsored short term training Program (STTP), on "Molecular Neuroscience: From Cells to circulate in Health Disease", **24th-29th May 2021**, organized by Seven Hills, College of Pharmacy, Tirupati.

4. Received Certificate of completion for two weeks online “Patent Course”, organized by Turnip Innovations, 27th Feb. -13th **March 2021**.

Dr. Havagiray Chitme

5. Received CPR, AED and First Aid Certification, 28th May, 2021 National Health Care Provider Solutions, USA.
6. **Dr. Havagiray Chitme** received Journal Certification Reports Certification, Clarivate JCR Certification Series, June, 2021.

Dr. Rajeev kr. Sharma

7. Received Certificate of participation was given by SIRTSP entitled” Paradigm shift in teaching learning in post covid -19 era” on **18th-20th July 2020**.
8. **Dr. Rajeev kr. Sharma** received Certificate of appreciation was given by Cadila pharmaceuticals for participation in webinar entitled “Iron deficiency anemia: A major cause of concern in young and adolescent child “on **May 2021**.
9. **Dr. Rajeev kr. Sharma** received Certificate of appreciation was given by Merck pharmaceuticals for participation in webinar entitled “Synthia Retero Synthesis: Coded by chemist for chemist “on **May 2021**.
10. **Dr. Rajeev kr. Sharma** received Certificate of Appreciation and Outstanding Grade in speaking effectively by UGC Online FDP Programme HARAPPA on 5th July 2021.
11. **Dr. Rajeev kr. Sharma** received Certificate of Appreciation and Commendable Grade in Leadership by UGC Online FDP Programme HARAPPA on **13th July 2021**.

SCHOOL OF ENGINEERING & TECHNOLOGY (PETROLEUM ENGINEERING)

Rakesh K. Pandey

1. **R. K. Pandey** has been awarded course completion certificate on 27th May 2021 for successfully completing course on “An Introduction to Peer Review” by *Clarivate Web of Science Academy*.
2. **R. K. Pandey** has been awarded course completion certificate on 01st June 2021 for successfully completing course on “Good Citation Behavior” by *Clarivate Web of Science Academy*.
3. **R. K. Pandey** has been awarded course completion certificate by *Coursera* on 10th June 2021 for successfully completing 4 weeks course on “Convolutional Neural Networks in TensorFlow” offered by *Deeplearning.ai*.
4. **R. K. Pandey** has been awarded course completion certificate on **11th June 2021** for successfully completing course on “Reviewing in the Sciences” by *Clarivate Web of Science*

Academy.

5. **R. K. Pandey** has successfully completing 1 week course on “Learning Python Data Visualization” offered by *Infosys Wingspan* on **19th June 2021**.
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