



Scholarly Activities Report



Scholarly Activities Report

July 2020 - September 2020

Research papers (Published in refereed journals): **16**

Web of Science: 12

Scopus: 04

Book Chapters: **03**

Conference/Symposium/Workshop Proceedings: **17**

Scopus:03

Patents Published: **0**

I. ACTIVE SEED PROJECTS UNDERTAKEN AT DIT UNIVERSITY

SCHOOL OF COMPUTING

Dr. Vishal Bharti

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

DEPARTMENT OF EECE

Dr. Amrindra Pal

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

DEPARTMENT OF CIVIL ENGINEERING

Dr. Ayush Chandrakar

3. **Project Title:** Holistic and Systemic Management of Water and Agricultural Resources: Survey and mapping of water resources in rural areas of Uttarakhand, formulation of integrated management strategies, **PI:** Dr. Ayush Chandrakar, **Co-PI:** Dr. Anshu Tomar, **Funding agency & Scheme:** DIT University, Seed Money, **Amount Sanctioned:** 1.5 Lacks, **Duration-1 Year, Current status:** ongoing, **approx. completion date:** 2021.

DEPARTMENT OF PHYSICS

Dr. Vishakha Kaushik & Dr. Surbhi Sachdev

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

Dr. Natasha Awasthi & Dr. Surbhi Sachdev

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

II. ACTIVE EXTERNAL SPONSORED RESEARCH PROJECTS

SCHOOL OF COMPUTING

Sneh Lata Aswal

- Project Title:** Jyotirgamaya (project based on hygiene and cleanliness of the Dehradun city) **PI:** SNEH LATA ASWAL, **Funding Agency:** Alamb, Centre for Youth, Plan India, PVR nest. **Amount Sanctioned:** 2.7 lakhs, **Duration:** 6 months but extended for few more months, **Current Status:** Ongoing **Approx. Completion date:** project is in its final phase 2020.

DEPARTMENT OF EECE

Dr. Santosh Kumar

- Project Title:** “Modeling and design of all-optical switching devices for DWDM system and sensors for health monitoring system using metal-insulator-metal plasmonic waveguides” **PI:** Dr. Santosh Kumar, **Funding Agency:** SERB (DST), Project no. TAR/2018/000051, **Amount Sanctioned:** - Rs. 18.30 Lacs, **Duration:** - 3 year (Nov 2018 – Oct 2021), **Current Status:** - on-going, **Approx. completion date:** - Oct 2021.

Dr. Brijlata Chauhan

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

DEPARTMENT OF PHYSICS

Dr. Parveen Kumar & Dr. Ravi Kumar Shukla

- Project Title:** Synthesis and characterization of Thin Films of Electrocaloric Materials for Solid State Cooling Applications **PI:** Dr. Parveen Kumar, **Co-PI:** Dr. Ravi K. Shukla, **Funding Agency:** DRDO,

Amount Sanctioned: 21.32 Lakhs, **Duration:** 3 Years, **Current Status:** Ongoing, **Completion date:** Jan 2021.

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

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

FACULTY OF PHARMACY

Dr. Havagiray Chitme

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

III. SUBMITTED EXTERNAL SPONSORED RESEARCH PROJECTS

DEPARTMENT OF PHYSICS

Dr. Ravi Kumar Shukla

- 1. Project Title:** Graphene Based Mesophasic Nanocomposites for Optical Switchable Windows and Devices, **PI:** Dr. Ravi K. Shukla, **CO-PI:** Dr. Pankaj Chamoli & Dr. K.K. Raina, **Funding Agency:** CSIR, **Amount:** 23.5 Lakhs, **Duration:** 3 Years, **Current Status:** Under process, **approx. completion date:** N/A.

Dr. Pankaj Chamoli

- 2. Project Title:** Graphene-Lyotropic gel electrolytes interface for symmetric flexible high energy and power density supercapacitors, **PI:** Dr. Pankaj Chamoli, **CO-PI:** Dr. Ravi K Shukla & Dr. K. K. Raina, **Amount:** 39,01,480, **Duration:** 3 year, **Current Status:** Under process, **approx. completion date:** N/A.

Dr. Vishakha kaushik

- 3. Project Title:** Theoretical study of 2d materials for super-capacitor applications, **PI:** Dr. Vishakha Kaushik, **Co-PI-** Prof. K K Raina, **Funding agency-** UGC Seed Grant 2020, **Amount Sanctioned-** 12Lacks, **Current status-** submitted.

FACULTY OF PHARMACY

Dr. Manish, Gupta

- 4. Project Title:** Effect of COVID-19 on community Pharmacy and Pharmacist in Dehradun, **PI:** Dr. Manish Gupta, **Co-PI:** **Dr. Anuj Nautiyal, Mrs Shraddha Manish Gupta and Mr Samir Bhargava,** **Amount:** 503600 INR, **Funding Agency:** Azim Premji University COVID-19 Research Funding Programme 2020. **Duration:** 3 months, **Current Status:** under process, **approx. completion date:** N/A.

IV. PUBLICATIONS

a) RESEARCH PAPERS (PUBLISHED IN REFEREED JOURNALS)

SCHOOL OF COMPUTING

Dr. Arshad Husain

- 1. A. Husain, R.C. Vaishya,** “An automated approach for street trees detection using mobile laser scanner data (2020)”, *Remote Sensing Applications: Society and Environment*, Elsevier, Volume 20, DOI: <https://doi.org/10.1016/j.rsase.2020.100371>. **[Indexed in Scopus]. Oct 2020.**

Dr. Jyoti Rawat

- 2. J. Rawat, J. Virmani, A. Singh, H.S. Bhadauria, I. Kumar, and J.S.Devgan,** “FAB classification of acute leukemia using an ensemble of neural networks”, *Evolutionary Intelligence*, Springer. pp.1-19, DOI: <https://doi.org/10.1007/s12065-020-00491-9>. **[Indexed in Web of Science] Sep 2020.**

Dr. Garima Verma

3. R. Chakraborty, **G. Verma**, and S. Namasudra “IFODPSO-based multi-level image segmentation scheme aided with Masi entropy” *Journal of Ambient Intelligence and Humanized Computing*, ISSN - 18685145 DOI: : <https://doi.org/10.1007/s12652-020-02506-w>. **[Indexed in Web of Science] [IF-4.594], Sep 2020.**
4. **G. Verma** and H. Verma, “Hybrid Deep Learning Model for Emotion Recognition using Facial Expressions”, *The review of socionetwork strategies*, 14, pp. 171-180, Springer, ISSN - 1867-3236, DOI: <https://doi.org/10.1007/s12626-020-00061-6>, **[Indexed in Web of Science], [IF-0.17], Aug 2020.**

Dr. Rama Sushil & Ankit Agarwal

5. A. Rawat, **R. Sushil**, A. Agarwal, “Review of Fault Tolerance Frameworks in the Cloud” *International Journal of Information System Modeling and Design*, Volume 11, Issue 3, pp: 79-99, DOI: : <https://doi.org/10.4018/IJISMD.2020070105>, **[indexed in Web of Science] [IF-0.18],July 2020.**

DEPARTMENT OF EECE

Dr. Santosh Kumar

6. R. Singh, **S. Kumar**, Feng-Zhen Liu, Cheng Shuang, Bingyuan Zhang, Rajan Jha, Brajesh Kumar Kaushik, "Etched multicore fiber sensor using copper oxide and gold nanoparticles decorated graphene oxide structure for cancer cells detection," *Biosensors and Bioelectronics*, Vol. 168, 112557, DOI: <https://doi.org/10.1016/j.bios.2020.112557> **[Indexed in Web of Science] [IF-10.257] Aug 2020.**
7. D. G. S. Rao, V. Palacharla, S. Swarnakar, and **S. Kumar**, “Design of all-optical D-Flip Flop using photonic crystal waveguides for optical computing and networking,” *Applied Optics*, Vol. 59, No. 23, pp. 7139-7143, DOI: <https://doi.org/10.1364/AO.400223> **[Indexed in Web of Science] (IF-1.961) Aug 2020**

Dr. Kuldeep Choudhary, Saurabh Mishra, & Santosh Kumar

8. **K. Choudhary**, A. Kaushik, A. Semwal, **S. Mishra**, **S. Kumar**, “Implementation of an optical universal one-bit arithmetic logical circuit for high-speed processing combinational circuits,” *Optical and Quantum Electronics*, Vol.52, 432 DOI: <https://doi.org/10.1007/s11082-020-02549-5>. **[Indexed in Web of Science] [IF- 1.842] Sept 2020.**

Dr. Amrinder Pal

9. B. Sharma, V. K. Srivastava, **A. Pal**, A. Pratap, S. Sharma “Design of Multiplexer Circuit using Electro-optic Effect based Optical Waveguide” *Journal of Optical Communications 0173-4911*, DOI: <https://doi.org/10.1515/joc-2020-0163> **[Indexed in Scopus] [IF-0.71] Sept 2020.**

Dhurva Chaudhary

10. **D. Chaudhary**, R. Agrawal and S.C. Gupta, "Scanning rate enhancement in SIW periodic LWA with continuous beam scanning using delay lines" *Frequenz*, 2191-6349, DOI: <https://doi.org/10.1515/freq-2020-0055> [Indexed in Web of Science] [IF-0.543] Sept 2020.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Anil Kumar & Bipin Kumar

11. R. Maithani, **A. Kumar**, G. Raghav, M. Nagpal & **B. Kumar**, "Thermal analysis of jet impingement on hemispherical protrusion on heated surface," *Experimental Heat Transfer*, DOI: <https://doi.org/10.1080/08916152.2020.1808117> [Indexed in Web of Science] [IF-2.543], Aug 2020.

DEPARTMENT OF PHYSICS

Dr. Vishakha Kaushik

12. **V. Kaushik**, S. Pathak, H. Sharma, A. K. Shukla and V. D. Vankar, "Growth of hydrophilic graphene oxide layers using continuous laser ablation" *Vacuum*, Vol. 182, pp. 109721, ISSN 0042-207X, DOI: <https://doi.org/10.1016/j.vacuum.2020.109721>. [Indexed Web of Science] [IF-2.906], Aug 2020.

Dr. Ravi Kumar Shukla & Dr. Kuldeep Kumar Raina

13. I. Choudhary, **R. K. Shukla**, A. Sharma & **K. K. Raina**, "Effect of excitation wavelength and europium doping on the optical properties of nanoscale zinc oxide" *Journal of Materials Science: Materials in Electronics*, in press, ISSN 0957-4522, , <https://doi.org/10.1007/s10854-020-04525-x>, [Indexed by Scopus] [I.F. 2.2], Sept 2020.

DEPARTMENT OF MATHEMATICS

Dr. Vinod Gupta

14. **V.K. Gupta**, A. Kumar, Om Prakash Keshri, "G-jitter effect on mass transport in electrically conducting Newtonian fluid", *Chinese Journal of Physics, Elsevier*, Article in Press, Sep. 3, 2020, ISSN 0570-9073, <https://doi.org/10.1016/j.cjph.2020.09.001>. [Indexed Web of Science] [IF-2.638], Sep 2020.

Dr. Jogendra Kumar

15. **J. Kumar**, “A Novel Two-step Iterative Scheme Based on Composite Simpson Rule for Solving Nonlinear Equations” *J. Math. Comput. Sci.* 10, No. 5, 1867-1874, <https://doi.org/10.28919/jmcs/4774> ISSN: 1927-5307 **[Indexed in Scopus]**, July 2020.

FACULTY OF PHARMACY

Dr. Sushil Kumar Chaudhary, Dr. Vaibhav Walia, Vijay Singh, Dr. Neeraj Kumar Sethiya

16. **S. K. Chaudhary, V. Walia, V. Singh, N. K. Sethiya**, “Thin-layer chromatographic analysis of mangiferin (a bioactive antioxidant from dietary plant sources): a mini-review”, *JPC-Journal of Planar Chromatography-Modern TLC*, 2020; 33: 341-352 DOI: , <https://doi.org/10.1007/s00764-020-00044-x> **[Indexed in web of Science]**, August 2020.

b) BOOK CHAPTERS

SCHOOL OF COMPUTING

Dr. Vishal Bharti & Dr. Srabanti Maji

1. **P. Kaur, V. Bharti, S. Maji**, “Predicting Psychological Disorders Using Machine Learning”, Computational Intelligence For Machine Learning And Health Care Informatics, De-Gruyter (Walter de Gruyter GmbH), 2020 Pages: 99-130 <https://doi.org/10.1515/9783110648195-006>.

Chandra Prakash & Dr. Rakesh Kumar Saini

2. **C. Prakash, R.K.Saini**, “A Model on IoT Security Method and Protocols for IoT Security Layers”, in *Mobile Radio Communications and 5G Networks. Lecture Notes in Networks and Systems*, Springer, Singapore, Vol. 140, DOI: https://doi.org/10.1007/978-981-15-7130-5_63, **[Indexed in Scopus]** Sept 2020.

FACULTY OF PHARMACY

Dr. Bhavna Kumar, Dr. Manmohan Singhal, Sameer Bhargava & Abhijeet Ojha

3. **B. Kumar, M. Singhal, F.H. Idris, S. Bhargava and A. Ojha** "Strategies and Guidance to Combat Novel Corona Virus (Covid-19) Disease", *Open Access Journal of Pharmaceutical Research*, Vol. 4, no.3, pp. 000209, ISSN :2574-7797, DOI: <https://doi.org/10.23880/oajpr-16000208>. [IF-1.5247], July 30, 2020.

c) CONFERENCE / SYMPOSIUM / WORKSHOP PROCEEDINGS

SCHOOL OF COMPUTING

Dr. Garima Verma & Randhawa Adhikari

1. **G.Verma and S.Adhikari**, "Qualitative Perspective of live VM migration techniques in Cloud Computing", *International Conference on Applied Mathematics & Computational Sciences*, DIT University, Dehradun, INDIA. DOI: <https://doi.org/10.21467/proceedings.100.6> [Indexed in Google Scholar and PUBLON], Aug 2020.
2. **G.Verma and S.Adhikari**, "Machine Learning Model for Prediction of Stress Levels in Students of Technical Education", *International Conference on Applied Mathematics & Computational Sciences*, DIT University, Dehradun, INDIA. DOI: <https://doi.org/10.21467/proceedings.100.5> [Indexed in Google Scholar and PUBLON], Aug 2020.

Ashish Singh Parihar & Devendra Prasad

3. **A. S. Parihar, D. Prasad, S.K. Chakraborty**, "Proposed end to end automated e-voting through blockchain technology to increase voter's turnout", *International Conference on Machine intelligence & Data science applications (MIDAS 2020)*, UPES, Dehradun, India, <https://doi.org/10.1007/978-981-33-4087-9> [Springer], Sep 2020.

Madhu Sharma & Dr. Vishal Bharti

4. **M. Sharma, V. Bharti**, "Image encryption using a new 2D bit reversed logistic map", *11th International Conference on Computing, Communication and Networking Technologies (ICCCNT) IIT, Kharagpur 1-3 July 2020*.

Dr. Hemraj Verma

5. **H. Verma**, “Opinion Mining on Rural Tourism in India”, *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development*, organized by VARDERING INDIA, **12 -13 September, 2020**.
6. **H. Verma**, “Exploring Impact of Destination Branding of Economic Upliftment- A case of Jaunsar Banwar Region in Uttarkhand”, in *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September, 2020**.

Satish Mishra & Dr. Pankaj Kumar

7. **S. Mishra, P. Kumar**, “Psychological and Socio- Economic Impact of COVID-19 pandemic on the Tourism sector in India”, *1st International Virtual Conference on Rural Tourism, DIT University, Dehradun*, **12 – 13 September 2020**.

Dr. Vijay Kumar Jain

8. **V. K.Jain**, "Modelling Drivers of Social Entrepreneurial Intention among Indian Students", *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September 2020**.
9. **V. K. Jain**, “Open Banking and Its driver: An Interpretive Modeling Approach” in *International Conference on Economy Business and Society*, organized by FsCongress, **30th May 2020**.

Priyanka Yadav

10. **P. Panday**, “Factors Affecting Rural Tourism: A Systematic Literature Review from 1980 to 2020” in *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September 2020**.
11. **P. Panday**, “Motivational Factors and Challenges of women entrepreneurship in rural areas of Uttarakhand” in *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September 2020**.

Dr. Preeti Sharma

12. **P. Sharma**, “Factors Affecting Rural Tourism: A Systematic Literature Review from 1980 to 2020” in *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September 2020**.

13. **P. Sharma**, “Motivational Factors and Challenges of women entrepreneurship in rural areas of Uttarakhand” in *1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development* organized by VARDERING INDIA, **12 - 13 September 2020**.

DEPARTMENT OF CIVIL ENGINEERING

Aakash Kumar

14. **A. Kumar**, M. Dimri, “Performance assessment of step-back dual systems by UPBD method”, in *1st International Conference on Recent Advances in Computational and Experimental Mechanics (ICRACEM- 2020)*, IIT Kharagpur, India, **[Indexed in Scopus], Sep 2020**.
15. M. Dimri, **A. Kumar**, “Seismic performance evaluation of step-back RC buildings with and without infill walls”, in *1st International Conference on Recent Advances in Computational and Experimental Mechanics (ICRACEM- 2020)*, IIT Kharagpur, India, **[Indexed in Scopus], Sep 2020**.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Anil Kumar Patil, Dr. Manoj Kumar

16. G. P. Srivastava, **A. K. Patil, M. Kumar**, “An Experimental Investigation of Thermal and Frictional Characteristics by Varying the Location of the Perforation in the Conical Insert of a Heat Exchanger Tube”, *National Conference on materials, Mechanics & Modelling*, **29-30 October 2020**, NIT Jamshedpur.

DEPARTMENT OF PHYSICS

Dr. Natasha Awasthi, Dheeraj Kumar Joshi & Dr. Surbhi Sachdev

17. **N. Awasthi, D.K. Joshi, S. Sachdev**, “Discrimination of noise channels on the basis of quantum memory”, in *International conference on Advances in Computing, Communication & Materials (ICACCM-2020)*, Dehradun, India, DOI: <https://ieeexplore.ieee.org/xpl/conhome/9210149/> **[Proceeding, in press]. [Indexed in Scopus], Oct 2020**.

d) CONFERENCE / SYMPOSIUM / WORKSHOP INVITED TALKS

SCHOOL OF COMPUTING

Dr. Arshad Husain

1. 5 days International Faculty Development Program (**FDP**) on SCILAB for Academics and Research. Organized by Department of Mathematics, School of Physical Sciences, DIT University, Dehradun, Uttarakhand in association with IIT Bombay Spoken Tutorials (An initiative of National Mission on Education through ICT, MHRD, Government of India) from **August 10, 2020 to August 14, 2020**.

Dr. Jyoti Rawat

2. Attended two Week Online International FDP on "Bioinformatics, Big Data & Drug Discovery: Prospects and Challenges" organized by Department of Biotech and Department of Computer Science and Engineering, GBPIET, Pauri Garhwal held on **September 14th - 24th, 2020**
3. Attended a one-week Faculty Development Program (FDP-2020) on "Deep Learning & Computational Intelligence in Internet Era" organized by Department of Computer Science and Engineering, GBPIET, Pauri Garhwal held on **July 27th - 31st, 2020**
4. Attended a one Week Online International FDP on "Block chain and Its Applications" organized by Department of Computer Science and Engineering, GBPIET, Pauri Garhwal held on **July 20th - 24th, 2020**.

Dr. Sarvesh Vishwakarma

5. Attended FDP School of computing FDP session chaired on 0608-2020.

Dr. Garima Verma

6. G. Verma, "Opinion Mining on Rural Tourism in India", 1st Virtual International Conference on Rural Tourism – Challenges, Scope and Entrepreneurship Development, **12-13th Sep 2020**, DIT University.

Sanjeev Sharma

7. Delivered a Seminar on "Online Course Teaching Pedagogy – Data Structure" in one FDP organized by School of Computing, DIT University on **6th August 2020**.

Dr. Soumen Kanrar

8. Participation in 1 Week HANDS-ON Faculty Development Program on “Artificial Intelligence using Python” organised by Brainovision Solutions India Pvt. Ltd. & National Youth Council of India, held from **14-09-2020 to 19-09-2020**
9. Participation – A seven Day Online Faculty development program on, “Recent Trends in Management” **13 July to 19 July 2020**, GATES Institute of Technology.
10. Completed the Faculty Development Program on Cyber Security conducted by E & ICT Academy, Indian Institute of Technology, Kanpur, **from 6th July to 10th July 2020** (1 Week).
11. Participated in the online “NATIONAL INSTRUCTIONAL WORKSHOP ON CRYPTOLOGY” organised by School of Computer and Systems Sciences, JNU, New Delhi in association with CRSI from **22-07-2020 to 26-07-2020**.
12. Participated in three days Faculty Development Program on “ Recent Trends in Technology and Teaching Learning Methodology” form **9 July to 11th July 2020** SAGE University Indore

Ashish Singh Parihar

14. Attended five days’ workshop on “**Data Science**” organized by Department of Computer Science & Engineering, NIT Arunachal Pradesh from **4th August – 8th August 2020** in online mode, sponsored by TEQIP III.
15. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “**Data Sciences**” from **2020-8-24 to 2020-8-28** at Tripura Institute of Technology.
16. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “**Artificial Intelligence**” from **2020-8-31 to 2020-9-4** at College of Engineering and Management, Kolaghat.

Dr. Narendra Kumar

17. Completed the Faculty Development Program on Cloud System Administration conducted by E & ICT Academy, Indian Institute of Technology, Kanpur, from **27th July to 31st July 2020** (1 week).
18. Participated in the 2 day National workshop on “Industrial scope of Image Processing and Computer Vision” organized by the Department of Electronics and Instrumentation Engineering, St. Joseph’s College of Engineering, Chennai-119 on **06 and 07 July 2020**.

Chandra Prakash

19. Attended One-week online Workshop on “**Internet of Things (IoT) Enabled Devices in Various Domain of Engineering**” held on **21 September 2020 to 25 September 2020** organized by Department of Computer Science & Engineering, B. T. Kumaon Institute of Technology, Dwarahat, Almora (Uttarakhand).

Tarun Kumar

20. Attended one day FDP conducted by School of Computing, DIT University, Dehradun on **06-08-2020**.

Zia Ur Rehman

21. Faculty Development Program on Cyber Security conducted by E & ICT Academy, Indian Institute of Technology, Kanpur, from 6th July to 10th July 2020 (1 Week)

22. MOOC Course on Coursera “Capstone: Retrieving, Processing, and Visualizing Data with Python”

23. MOOC Course on Coursear “Using Databases with Python”

Ankit Agarwal

24. Attended Online FDP on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” organized by IIRS, Dehradun from **13 June – 01 July, 2020**.

25. Attended Online FDP on “Advanced Excel with Data Visualization” organized by E & ICT Academy, IITK from **06 – 10 July, 2020**.

26. Attended Online FDP on “Cryptology” organized by JNU, Delhi from **22 – 26 July, 2020**.

27. Attended Online FDP on “SCILAB” organized by DIT & IITB from **10 – 14 Aug, 2020**.

Diwaker

28. Attended Online FDP on “Future Nano Electronic Devices & Circuits” organized by MGIT, Hyderabad from **06 – 10 July, 2020**.

29. Attended online professional webinar on “Prior-art Search with Google Patents” organized by TUNIP on **05-sept-2020**.

Pooja Gupta

30. Attended and presented a paper “Modeling Drivers of Machine Learning in Healthcare using Interpretive Structural Modeling” at International conference on Modeling, Simulation and Optimization 2020 organized by NIT Silchar on 3-5August 2020.

31. Participated in an Online MOOC Course on “Image Processing using Python” from Coursera, completed on 8 August 2020.

Anurag Shrivastava

32. Attended online FDP on “Future Nano Electronic Devices and Circuits” organized by MGIT, Hyderabad from 06-July-2020 to 10-July-2020.

33. Participated in Online FDP on “SCILAB” organized by DIT & IITB from 10 – 14 Aug, 2020.

Dr. Srabanti Maji

34. Attended online FDP on “DATA ANALYTICS WITH PYTHON” organized by NITTTR Chandigarh from **22-06-2020 to 26-06-2020**.

Ruchi Sharma

35. Participated in Online Faculty development program on “Advanced Excel with data visualization” from **6 July 2020- 10 July 2020** organized by IIT Kanpur.

36. Participated in Online Faculty development program on “Data Science with R programming” from **10 august 2020- 21 august 2020** organized by NITTTR Kolkata.

Nitin Thapliyal

37. Participated in Faculty Enablement Program on “**Database Management System through INFYTQ Platform**” conducted in online mode using WebEx platform from 22nd July to 24th July 2020 by **Infosys** Limited and has been awarded with "A+" Grade.
38. Completed online course on “**Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials**” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-06-2020 to 01-07-2020**.

Dr. Mitali Srivastava

39. E- Workshop On “Machine Learning using Python” Organized by Department of Computer Science & IQAC Prasanta Chandra Mahalanobis Mahavidyalaya in collaboration with A.K. Choudhury School of IT, University of Calcutta, **24th August 2020 to 28th August 2020**.

Dr. Vishal Bharti

40. Participated in the Two Weeks “Lecture Series on Research Trends in ICT”, organised by University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, during **June 29 to July 9, 2020**.
41. Participated in Three-day Hands-on Online Faculty Development Programme organized by School of CS & IT, Jain University on "Online Teaching Tools" held **from 08 - 10 July 2020**.

Devendra Prasad

42. Attended Five day online FDP on “ML in Research Perspective” organized by St. Joseph’s Institute of Technology Chennai completed successfully from **18th July 2020 to 22nd July 2020**.
43. Attended lecture on Cyber security through Zoom conducted organized by National Institute of Advanced Studies (NIAS), Bengaluru on **22nd July 2020**.

Anuj Kumar Yadav

44. Attended One Week Workshop on "CLOUD COMPUTING WITH MICROSOFT AZURE" organized by Department of CSE, KITSW in Association with TCS, Hyderabad, from **22nd July to 29th July 2020**.
45. Attended One Week short term course on "STC-Cloud of Things: Theoretical and Practical Implications" organized by Department of IT, from **10th August to 14th August 2020**.
46. Completed Two Weeks Lecture series on "Research Trends in ICT", organised by University School of Information and Communication Technology, Gautam Buddha University, from **29th June to 9th July 2020**.

Saurabh Kumar

47. Attended A research seminar “Emerging Trends in Artificial Intelligence & Data Science” at school of computing, DIT University Dehradun on **09th July 2020**.
48. Attended a special lecture on “cyber security” through zoom conducted by National Institute of Advanced Studies (NIAS), Bengaluru on **22nd July 2020**.

Kushal Gupta

49. Attended Two-week online faculty development programme on “Python” from **22 June-04 July, 2020**, jointly organized by Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Noida and Spoken Tutorial Project, Indian Institute of Technology, Bombay, funded by National Mission on Education ICT, MHRD, Government of India.
50. Attended One-week Week Faculty Development Programme and Online Training on “Java Programming” from **06 July-11 July, 2020**, hosted by Syed Ammal Engineering College, Ramanathapuram in association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.

DEPARTMENT OF EECE

Saurabh Mishra

1. **Saurabh Mishra** has delivered a talk in FDP on “Engagement of Students in COVID Scenario” in FDP organized by SoET, DITU on **11th Aug. 2020**

Dr. Kuldeep Chaoudhary

2. **Kuldeep Choudhary** has attended the live session on **Patent Protection for Innovation Driven Educational Institutions** organized by Turnip Innovations, in association with The Frontiers Legal, on **29th August, 2020**

Dr. Brijlata Chauhan

3. **Brajlata Chauhan**, Muskan, “Cylindrical Conformal Antenna Arrays Theory for Military Aircraft Antenna” IEEE conference GUCON **Oct 2020**

DEPARTMENT OF CIVIL ENGINEERING

Mr. Aakash Kumar

1. **Aakash Kumar**, attended Webinar on, “Smart Cities-Beyond the Pandemics”, Birla Institute of Technology and Science, Pilani (BITS Pilani), **10-11 July 2020**.

Dr. Mansha Swami

2. **Dr. Mansha Swami** attended a Professional Development Hour (PDH) Webinar on “Economic and Business outcomes of Bicycle and Pedestrian Improvements” organized by Transportation Research and Education Centre, USA on **6th October 2020**.
3. **Dr. Mansha Swami** attended Webinar on “Road Safety and Pedestrian Safety Awareness” Organized by NSS-IIT, Roorkee & World Resources Institute (WRI, India) on **6th July 2020**.
4. **Dr. Mansha Swami** attended 5-day FDP on “Prospects of Sustainability in Pavement Construction in India”, Organized by NIT Jalandhar under TEQIP-III scheme during **14th July-18th July 2020**.
5. **Dr. Mansha Swami** attended 5-day FDP on “SCILAB for Academics and Research” Organized by IIT-Bombay and Spoken Tutorials during **10th August-14th August 2020**.
6. **Dr. Mansha Swami** attended 5-day FDP on “Emerging Trends in Infrastructure Projects” organized by Kakatiya Institute of Technology and Science, Warangal during **20th July – 24th July, 2020**.
7. **Dr. Mansha Swami** attended 5-day FDP on “Solar Energy Conversion and Storage” organized by Rajasthan Technical University, Kota and Poornima Institute of Engineering & Technology (PIET, Jaipur) under TEQIP III Scheme during **31st August – 4th September, 2020**.
8. **Dr. Mansha Swami** attended 1 Hour of Professional Development Hour (PDH) on “A national scan of Bike Share Equity Programs: Best Practices and Lessons Learned” Organized by NITC, TREC & Portland State University, USA. On **16th September 2020**.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Subodh Kumar

1. TEQIP-III sponsored **two week** Faculty Development Programme on ‘**Experimental and Numerical Methods for Mechanical Engineers**’ organized by Department of Mechanical Engineering, G. B. Pant Institute of Engineering & Technology, Pauri Garhwal, Uttarakhand, India from **August 17-28, 2020**.
2. TEQIP-III sponsored **one week** online Short Term Course on ‘**Contemporary Material Technologies-CMT-2020**’ organized by Department of Industrial and Production Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India from **September 08-12, 2020**.
3. TEQIP-III sponsored **one week** online Short Term Course on ‘**Computational and Experimental Studies on Failure of Materials**’ organized by Department of Industrial and Production Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India from **September 13-17, 2020**.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey

1. **R. K. Pandey** attended an online faculty development program on “Personal Finance”, organised by *IMS Unison University, Dehradun* on **03rd July, 2020**.
2. **R. K. Pandey** attended two days International webinar on “Patent Protection for Innovation Driven Educational Institutions”, organised by *Turnip Innovations* in association with *The Frontiers Legal* on **29th August, 2020**.

Gopal Kumar

3. **G. Kumar** attended One-week Faculty Development Program “**Industrial automation & Robotics**” organised by Department of Mechanical Engineering, DIT University, Dehradun, Uttarakhand, India from 3rd August to 7th August 2020.
4. **G. Kumar** attended workshop on “**Basic Oil and Gas Field Development Life cycle**” organised by Department of Petroleum Engineering IIT (ISM), Dhanbad and Department of chemical Engineering, NIT Durgapur from **24th August to 26 August 2020**.

FACULTY OF ARCHITECTURE & DESIGN

Prof. Chhabi Mishra

1. Attended the "LEED Green Associate Introductory Webinar", **(25th July 2020)**
2. Attended an International Webinar on “SMART Cities beyond the Pandemics”, organized by University School of Engineering-Architecture and Planning, **(July 20-25, 2020)**
3. Attended the online talk by Architect Sanjay Prakash on “Green to Blue” towards integrated Architecture, **(August 4th, 2020)**
4. Attended a Webinar on Discussion of NATA 2020 New Pattern+ Choosing an Architecture School, **(July 20, 2020)**
5. Attended the webinar of FICCI” Evolving Administrative paradigms in Post-COVID India: Voice of Women Educational Leaders, **(July 20th, 2020)**
6. Attended a Talk series on India- Portugal, Far Away So Close, E-Talk series, between eminent architect B.V Doshi and Alvard SIZA. Session#1, **(July 21, 2020)**
7. Conducted a webinar on “Architecture and Design as a Profession” **(July 24, 2020)**
8. Invited Inaugural Speaker for Launching of Website for DAAC Website UAV Forensic Hackathon “E-Waste Artifacts Design Competition hosted by DARC-ITDA NTRC (National Technical Research Organization), **(July 9th, 2020)**
9. Participated in the COASOCIAL dialogues on “Breaking the boundaries” Dialog Series#6, **(July 3rd, 2020)**
10. Invited to participate in Smart Habitat Foundation, in collaboration with ASSOCHAM Council for Green and Eco-friendly Movement (GEM) webinar on “New Mindset in Revival of Green and Sustainable Construction in India” **(10th July 2020, 7:00 PM - 8:30 PM)**
11. Participated COA- TRC online web series “Conscious Induction of Skills in Architectural Pedagogy: The Need of Time” **(15th-21st July 2020)**

12. International Conference Chair, *i-Converge* (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University, **(August 14th 2020)**

Ar. Jitendra Sarohi

13. Attended online FDP on "Raising Questions for Way Forward in Design Education in the presence of COVID-19" conducted by School of Architecture & Design, DIT University **(July 3rd 2020)**
14. Attended webinar on "Earth Observations from Space for Social Benefits" by IIRS Dehradun & DIT University **(July 8th 2020)**
15. Attended webinar on "Designing & Successfully Delivering Online STEM Courses" by Binary Semantics **(July 11th 2020)**
16. Attended webinar on "Publishing Ethics" by Taylor & Francis Group **(August 5th 2020)**
17. Conducted expert session on "Roles and Responsibilities of Departments in NAAC Accreditation Process" during the FDP conducted by School of Architecture & Design, DIT University **(August 7th 2020)**
18. Attended online FDP on "Construction Management" conducted by NITTR Kolkata **(August 2020)**
19. Chaired the session at International Conference on "Vernacular Resource Genesis, i- Converge 2020", School of Architecture & Design, DIT University **(August 14th 2020)**

Ar. Sandeep Saxena

20. "Attended the State level webinar on Sustainable Construction in Mountain Regions – a question of resources, livelihoods and climate change – towards Atma Nirbhar Uttarakhand", Organised by Development Alternative, New Delhi **(August 21st 2020)**
21. Chaired the session at International Conference on "Vernacular Resource Genesis, i- Converge 2020", School of Architecture & Design, DIT University **(August 14th 2020)**.
22. Attended online FDP on "Raising Questions for Way Forward in Design Education in the presence of COVID-19" conducted by School of Architecture & Design, DIT University **(July 3rd , 2020)**
23. Attended Webinar on "'What They Don't Teach You at Design School' organised by Anant National University **(September 2nd 2020)**
24. Attended a webinar on "What they don't teach you at the Design school"- Animals as Designers, by Ar. Siddharth Vij. Hosted by School of Design, Anant University **(August 27th 2020)**
25. Attended Webinar series on "The Himmelb(l)au Experiment #2 "from DECON to AI" by "Prof. Wolf D. Prix, Coop Himmelb(l)au, Vienna, Austria" Organised by Midas Institute of Design and Architecture **(July 23rd 2020)**
26. Attended a COASocial dialogue series 7- Mahendra Raj in conversation with Architect Rohit Raj Mehandiratta held and organised by Council of Architecture and Design, New Delhi **(17th July 2020)**
27. Attended online WORLD BAMBOO CULTURAL FEST 2020, organised by The Bamboo Society of India- Karnataka Chapter, organised **(September 17th 2020)**
28. Attended a lecture series on "Variations in Rural Architecture-glimpses from Uttarakhand and Himachal Pradesh" BY Prof. Tapan Chakraborty **(September 20th 2020)**
29. Attended a webinar on "GOAL SETTING & EXECUTION" by Ms. Nidhi Prakash organised by UltraTech Cement Ltd. & Indian Concrete Institute **(October 3rd 2020)**

Ar. Vartica Saxena

30. Presented a paper in the IC_2020_31, Architectural metamorphosis post Covid-19 **(August 14th 2020)**.
31. Attended online FDP on "Raising Questions for Way Forward in Design Education in the presence of COVID-19" conducted by School of Architecture & Design, DIT University **(July 3rd 2020)**
32. Chaired the session at International Conference on "Vernacular Resource Genesis, i- Converge 2020", School of Architecture & Design, DIT University **(August 14th 2020)**.
33. Attended a Webinar on Discussion of NATA 2020 New Pattern+ Choosing an Architecture School, **(July 20th 2020)**
34. Attended a Webinar on "Designing cities for vulnerable population", hosted by M:UD ON **(26th August, 2020)**
35. Attended a webinar on "What they don't teach you at the Design school"- Animals as Designers, Hosted by School of Design, Anant University **(27th August 2020)**
36. Attended a webinar on "What they don't teach you at the Design school"- "Greenwashing" Hosted by School of Design, Anant University **(September 2nd 2020)**
37. Attended a lecture series on "Variations in Rural Architecture-glimpses from Uttarakhand and Himachal Pradesh" BY Prof. Tapan Chakraborty **(September 20th, 2020)**

Ar. Abhilasha Pathak

38. Chaired the session at International Conference on "Vernacular Resource Genesis, i- Converge 2020", School of Architecture & Design, DIT University **(Aug 14th 2020)**.
39. Attended a Webinar on Discussion of NATA 2020 New Pattern+ Choosing an Architecture School, **(July 20, 2020)**
40. Chaired a webinar on "Architecture and Design as a Profession" **(July 24, 2020)**

Ar. Purnima Verma

41. Attended International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University, **(August 14th, 2020)**
42. Attended Faculty Development program (FDP) on Raising questions for way-forward in Design Education in the presence of COVID-19, by SoAD, DIT University, **(July 03rd 2020)**

Ar. Ankita Gaur

43. Attended online FDP on "Raising Questions for Way Forward in Design Education in the presence of COVID-19" conducted by School of Architecture & Design, DIT University **(July 3rd, 2020)**
44. Conducted expert session on "Year wise teaching strategies for fifth year" during the FDP conducted by School of Architecture & Design, DIT University **(August 7th, 2020)**
45. Attended International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University, **(August 14th, 2020)**

Ar. Sanan Verma

46. Attended International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University, **(August 14th, 2020)**

Ar. Charles Porwal

47. Attended Online Training Program "Advanced Building Services" being organized by Council of Architecture **(July 2, 3, 6 & 7, 2020)**
48. Participated in International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University, **(August 14th, 2020)**
49. Attended Faculty Development program (FDP) on Raising questions for way-forward in Design Education in the presence of COVID-19, by SoAD, DIT University **(July 3rd 2020)**

Ar. Poonam Katre

50. Attended Webinar on, 5th Chapter of Webinar series on Transitioning traditional buses to E-Buses in tier 2 cities in India under MYC program on **(23rd July 2020)**
51. Attended Webinar on, "Air Quality & Urban Transportation Planning" under Mobilise Your City Program **(July 21st 2020)**

Ar. Meghna Chatterji

52. Moderated the session at International Conference on "Vernacular Resource Genesis, i-Converge 2020", School of Architecture & Design, DIT University **(August 14th 2020)**.

Ar. Shreya Giri

53. Participated in International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University **(August 14th 2020)**
54. Participated and Attended "IIA 2020 NATCON", Indian Institute of Architects **(July 12th 2020)**
55. Certificate course on "India's First Leadership Talk with Shri Shashi Shekhar CEO- Prasar Bharti", MHRD's Innovation Cell **(July 11th 2020)**
56. Coursera course on "Mind Control: Managing Your Mental Health during COVID-19", University of Toronto **(July 2020)**
57. Certificate course on "Preparedness for the Future-Post Amphan Initiative", ASSOCHAM GEM Green Building **(July 7th, 2020)**
58. Online webinar & workshop on "City and youth", Kiran Bedi, **(July 5th-6th, 2020)**
59. Online FDP & workshop on "Advanced Building services", Council of Architecture, **(July 2th-7th, 2020)**

Ar. Nagabhoina Tejendra

60. Attended International Conference, i-Converge (Conference on Resource Genesis) on "Re-imagining and Re-designing Built Environment in the Presence of COVID-19", School of Architecture and Design, DIT University (**August 14th, 2020**)
61. Short Term Training Programme (FDP) on "writing research proposal" by NITTR Kolkata, (**August 3rd 2020 to August 7th 2020**)
62. Attended Faculty Development program (FDP) on raising questions for way-forward in Design Education in the presence of COVID-19, by SoAD, DIT University (**August 3rd 2020**)
63. Invited as speaker in "UD Aspirants Webinar", Organized by School of Architecture and Planning Bhopal on (**July 29th 2020**)

Pooja Pawwar

64. Given an Expert Lecture on Design Thinking with Architecture and UX students (**September 29th 2020**)

DEPARTMENT OF PHYSICS

Dr. Natasha Awasthi

1. Dr. Natasha Awasthi presented a research paper entitled on "Quantum noise channels under the effect of memory" in 7th International Virtual Congress (IVC-2020) International Science Community Association from **5th - 10th August 2020**.
2. Dr. Natasha Awasthi presented a research paper entitled "Discrimination of noise channels on the basis of quantum memory", (ICACCM 2020), Tula's Institute Dehradun from **21st-22nd August**.
3. Dr. Natasha Awasthi Attended Online Symposium on quantum information and computation. (Quantum Talks) organized by IIIT Hyderabad, **29 June to 3rd July 2020**.
4. Dr. Natasha Awasthi gave an Invited talk in Student Conference on Optics and Photonics (SCOP-2020) organized by Physical Research Laboratory, Ahmedabad, **Sep 23-25, 2020**.
5. Participated in One day Webinar on "Earth Observation from Space for Societal benefits" organized by Department of Applied Sciences, DIT University, Dehradun, Uttarakhand (India), July 8, 2020.

Dr. Manoj Bhatnagar

6. Dr. Manoj Bhatnagar attended an International Conference on Emerging Smart Materials in applied Chemistry (ESMAC-2020) organized by: KIIT, Bhubaneswar, **10-12 August 2020**.
7. Dr. Manoj Bhatnagar attended an International Conference on Advances in Functional Materials (AFM2020) Organized by: KIIT, Bhubaneswar, **26-28 August 2020**
8. Dr. Manoj Bhatnagar attended a Webinar on Virtual lab: Effective tool for teaching and learning Organized by: Cummins College of engineering for women, Nagpur, **10 July 2020**.
9. Attended a Webinar: Earth observation from space for societal benefit, Organized by: DITU, **8th July 2020**.
10. Dr. Manoj Bhatnagar attended a Webinar: Environmental Concerns & Perspectives Amid Covid-19" Organized by: Sklnct Group of Colleges, Gwalior **13 July 2020**
11. Dr. Manoj Bhatnagar attended a five days FDP On: Materials characterization techniques organized by NITTR Chandigarh from **20 July 2020 -24 July 2020**.

12. Dr. Manoj Bhatnagar completed a Coursera Course: " Data Structure", organized by University of Michigan
13. Dr. Manoj Bhatnagar completed a Coursera Course:" Nanotechnology: a maker's course", organized by Duke and NC state University.

Dr. Ravi Kumar Shukla

14. Dr. Ravi Shukla, attended a webinar on Investigating Phase Behavior of Suspensions of Nano-Discs Using Rheology organized by American Chemical Society on 7 August 2020
15. Dr. Ravi Shukla, attended a webinar on I-III-VI₂ Nanocrystals for Optoelectronic Devices organized by American Chemical Society on **21 August 2020**.
16. Dr. Ravi Shukla, attended a webinar on meet the editor organized by Royal Society of Chemistry on **15 September 2020**
17. Dr. Ravi Shukla, attended a webinar on what does trustworthy peer review look like? organized by Royal Society of Chemistry on **23 September 2020**
18. Dr. Ravi Shukla, attended a webinar on Playdough Proteins organized by American Chemical Society on **2 October 2020**.
19. Dr. Ravi Shukla, attended a webinar on π -Conjugated Polymers for Enantioselective Separation and Biosensing organized by American Chemical Society on **9 October 2020**.

Dr. Praveen Kumar

20. Dr. Parveen kumar Attended a conference on International Conference on Advances in Functional Materials (AFM2020) Organized by: KIIT, Bhubaneswar, 26-28 August 2020.
21. Dr. Parveen kumar attended an International Conference on Emerging Smart Materials in applied Chemistry (ESMAC-2020) organized by: KIIT, Bhubaneswar, **10-12 August 2020**.

Dr. Pankaj Chamoli

22. Dr. Pankaj Chamoli Attended a live session on Patent protection for innovation driven educational institution organized by Manshi Choudhary Frontier legal TURNIP, **September 2020**.
23. Dr. Pankaj Chamoli completed an online course on the remote sensing and GIS technology and application for university teachers and government official organized by IIRS-ISRO Dehradun, **22 July 2020**.

Dr. Surbhi Sachdev

24. Dr. Surbhi Sachdev attended an International Conference on Emerging Smart Materials in applied Chemistry (ESMAC-2020) organized by: KIIT, Bhubaneswar, **10-12 August 2020**.
25. Dr. Surbhi Sachdev attended a five days FDP On: Materials characterization techniques organized by NITTTR Chandigarh from **20 July 2020 -24 July 2020**.
26. Dr. Surbhi Sachdev Attended a conference on International Conference on Advances in Functional Materials (AFM2020) Organized by: KIIT, Bhubaneswar, **26-28 August 2020**.

DEPARTMENT OF CHEMISTRY

Dr. Naveen Singhal

1. Invited Talk on 'Atam Nirbhar Bharat' organized by 11UK NCC Girls Battalion.

Dr. Jabrinder Singh

2. Key note speaker in International Conference 'RACECTAM-2020' organized by JIET, Jodhpur on **July 21-22, 2020**.

DEPARTMENT OF MATHEMATICS

Dr. Dheeraj Kumar Joshi

1. One research paper entitled on "**Incomplete interval-valued intuitionistic hesitant fuzzy preference relations in decision making**" is presented in International conference on Mathematical modelling, Applied Analysis and Computation (ICMMAAC-20) from **7th - 9th August 2020** organized by JECRC University, Jaipur.
2. One research paper entitled on "**Quantum noise channels under the effect of memory**" is presented on **7th International Virtual Congress (IVC-2020)** at www.isca.net.co from **5th - 10th August 2020**. IVC-2020 is being organized by International Science Community Association. (**Oral Presentation**).
3. One research paper entitled on "**Novel Distance and similarity measures for probabilistic hesitant fuzzy set and its applications in stock selection problem**" is presented on **7th International Virtual Congress (IVC-2020)** at www.isca.net.co from **5th - 10th August 2020**. IVC-2020 is being organized by International Science Community Association.
4. Attended a Workshop on **Hands on Research data using SPSS** from **8th to 12th July 2020** organized by South Gujarat University.
5. Attended a Workshop on **Time management** from **5th to 10th August 2020** organized by International Science Community Association.
6. Attended a FDP on **Soft Computing Techniques and their Applications (SCTA 2020)** from **July 13, 2020 to July 18, 2020**, organized by Department of Mathematics of Jaypee Institute of Information Technology, Noida.

Dr. Jogendra Kumar

7. Successfully completed the **Short-Term Training Programme through ICT Mode on, "Writing Research Proposals"** organized by National Institute of Technical Teachers' Training and Research, Kolkata from **03/08/2020 to 07/08/2020**.

8. Completed TEQIP-III sponsored one week online Short-Term course entitled “**Matrix Analysis and its Applications**” organized by Department of Mathematics, NIT Jalandhar, held at Dr. B R Ambedkar National Institute of Technology, Jalandhar, from **September 23-27, 2020**.
9. Participated in the online webinar “**An Introductory Course on Fluid Dynamics**” organized by the Department of Mathematics, CHRIST (Deemed to be University), Bangalore **during 17-20 August and 24-28 August 2020**.

Dr. Vinod Kumar Gupta

10. Attended an International FDP on “**Emerging Tools and Trends in Contemporary Research**” organized by N.A.S. PG College Meerut during **July 17- July23, 2020**.
11. Presented a paper in “**International Conference on Present Scenario of Mathematical Sciences (ICPSMS-2020)**” organized by Karnataka university during **Sep 12-13, 2020**.

Dr. Fateh Singh

12. Presented a paper entitled “**Study of Mechanical Properties of Apple and Potato Tissue: A Mathematical Perspective**” in “3rd International Conference on Mathematical Modelling, Applied Analysis and Computation-2020 (ICMMAAC-20)” organized by Department of Mathematics, Faculty of Science JECRC University, Jaipur (Raj.) India during **07-09 August, 2020**.

DEPARTMENT OF MANAGEMENT STUDIES

Dr. Pankaj Kumar

1. Dr. Pankaj Kumar, completed four week (equivalent to one month), Induction/orientation program conducted by Ramanujan College, (affiliated with University of Delhi) dated **3rd June – 1st July 2020**
2. Dr. Pankaj Kumar completed Two week ,Faculty development program titled “Managing Online Classes and Co-Creating MOOC 3.0’ organized by Ramanujan College, (affiliated with University of Delhi) , dated **25th July to 10th August 2020**
3. Dr. Pankaj Kumar completed one week, Faculty development program (FDP) titled “Fundamentals of OBE” organized by NITTTTR, Kolkata, dated **31/08/2020 to 04/09/2020**.

HUMANITIES & LIBERAL ARTS

Dr. Deepesh Kumar Thakur

1. Participated FDP on International webinar on the topic: “Introduction to E-learning and its challenges “Conducted by The Department of Corporate Secretaryship (Shift-II), Patrician College of Arts & Science, Adyar, Chennai-20 to **28/06/2020**.
2. Participated in Spirituality and Science are Complementary: Science is incomplete without Spirituality, by World Hindi Secretariat, Mauritius & India.
3. Panel Discussion on “Employability challenges faced by youngsters of India and recommended solutions” Govt. of India, 2020.
4. Faculty Development Program on Model - Learning management System by IIT Bombay.
5. Leadership in Higher Education by DIT University.

Dr. Ram Kumar Gupta

6. Attended five days National workshop on ‘Research in Psychology and Behavioural Sciences’ conducted by Yuvakshetra Institute of Management Studies, Mundur, Kerala during August **24-28, 2020**.
7. Attended an International Webinar on ‘Impact of COVID-19 on Changing Psychological and Psychosocial Behavioural Pattern of People: Challenges and Solution’ conducted by Dr. Virendra Swarup Institute of Professional Studies, Kanpur on **August 27, 2020**.
8. Attended one day National Webinar on ‘Indian Psychology’ conducted by Lakulish Yoga University, Ahemdabad during **July 26, 2020**.
9. Attended one day International Webinar on ‘Universal Approach of Vedic Culture for Mental Excellence’ conducted by Dev Sanskriti Vishwavidyalaya, Haridwar during **July 21, 2020**.

e) BOOK REVIEWS

Nil

g) Monographs/ Policy Papers (between July 1-Sept30)

DEPARTMENT OF CIVIL ENGINEERING

Dr. Mansha Swami

1. Dr. Mansha Swami Published Blog on Website “Higher Education Mascots in COVID Times” <https://www.getmyuni.com/higher-education-mascots-in-covid-times/h/1181>. 21 August 2020.

h) CREATIVE WORK AND PERFORMANCE

SCHOOL OF COMPUTING

Moumita Ghosh

1. Successfully completed, Online MooC course on Programming for Everybody (Getting Started with Python) from Coursera (27th July,2020)
2. Successfully completed, Online MooC course on Python Data Structures from Coursera (23rd July,2020)

Ankit Agarwal

3. Certificate course on Course on “Neural Networks and Deep learning” organized by Coursera, completed on 20-July-2020.
4. Certificate course on Course on “Programming for Everybody” organized by Coursera, completed on 10-Aug-2020.
5. Certificate course on Course on “ML & AI” organized by Amity Future Academy, completed on 16-July-2020.
6. Certificate MOOC Course on “Machine Learning Foundations: A Case Study Approach” organized by Coursera, completed on 13-July-2020.

Dr. Vishal Bharti & Mr. Chirag Joshi

7. Copyright filed with Diary Number: 13473/2020-CO/SW entitled “Kisan Sewa Portal” dated 16/09/2020

DEPARTMENT OF CIVIL ENGINEERING

Dr. B.K Singh

8. **Dr. B.K Singh** as a chairman, UG PG Committee conducting all responsibilities
9. **Dr. B.K Singh** monitored student registration/ deregistration process.
10. **Dr. B.K Singh** implemented OBE assessment tool in IONCUDOS.
11. **Dr. B.K Singh** addressed student grievances on academic matters.
12. **Dr. B.K Singh** has done complete planning & action of academics.
13. **Dr. B.K Singh** has done compilation of Accreditation documentation related to Academics.

FACULTY OF ARCHITECTURE & DESIGN

Ar. Meghna Chatterji

14. Performed Saraswati Vandana at International Conference on “Vernacular Resource Genesis, i-Converge 2020”, School of Architecture & Design, DIT University (**August 14th 2020**)

DEPARTMENT OF MANAGEMENT STUDIES

Dr. Pankaj Kumar

15. Dr. Pankaj Kumar created MOOC Course on “*Manage yourself during Quarantine of Pandemic of COVID-19*” on UDEMY
16. Dr. Pankaj Kumar created MOOC Course on “To Learn the Basic Fundamental of English Grammar” on UDEMY.

i) NEWSPAPER/MAGAZINE ARTICLE AND EDITORIALS

Nil

V. PATENTS PUBLISHED

Nil

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

SCHOOL OF COMPUTING

DEPARTMENT OF EECE

Dr B K Singh

1. **Dr B K Singh** has conducted one webinar on Road Research by an expert from CRRI, New Delhi.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey & Rahul Ganju

2. **R. K. Pandey** and **R. Ganju** organized Webinar on “*Casing and Well Design of Oil & Gas Wells*” on 23rd July, 2020.

Dr. D. Tapas Kumar Dora

3. **Dr. D. Tapas Kumar Dora** organized a Webinar on “Water Quality Indexing in Groundwater with Focus on Heavy metals” with Dr. Santanu Bhattacharjee, Former Chief Scientist, CSIR-NML, Jamshedpur on 18th July 2020.
4. **Dr. D. Tapas Kumar Dora** organized a Webinar on “Asset Integrity Management-An oil and Gas Industry Perspective” with Mr. Asaman Prasad Pattnaik, GM, Tata Steel, Port Talbot (United Kingdom) on 20th July 2020.

FACULTY OF ARCHITECTURE & DESIGN

Prof. Chhabi Mishra & Ar. Jitendra Kumar Sarohi

5. Organized an online FDP on “Taking Online Challenges Forward “in Design Education”, School of Architecture & Design, DIT University **(August 7th 2020)**

Prof. Chhabi Mishra & Dr. Aanchal Sharma

6. Organized an International Conference, i- Converge 2020 on “*Re-imagining and Re-designing Built Environment in the Presence of COVID-19*”, School of Architecture & Design, DIT University **(August 14th 2020)**

Ar. Sandeep Saxena

7. Reviewer and Moderator at International Conference, i- Converge 2020 on “*Re-imagining and Re-designing Built Environment in the Presence of COVID-19*”, School of Architecture & Design, DIT University (**August 14th 2020**)

Ar. Vartica Saxena

8. Reviewer and Moderator at International Conference, i- Converge 2020 on “*Re-imagining and Re-designing Built Environment in the Presence of COVID-19*”, School of Architecture & Design, DIT University (**August 14th 2020**)

Ar. Purnima Verma

9. Reviewer and Moderator for online FDP on “Taking Online Challenges Forward “in Design Education”, School of Architecture & Design, DIT University (**August 7th 2020**).

Ar. Sanan Verma

10. Moderator at International Conference, i- Converge 2020 on “*Re-imagining and Re-designing Built Environment in the Presence of COVID-19*”, School of Architecture & Design, DIT University (**August 14th 2020**)

Ar. Charles Porwal

11. Moderator for an International Conference, i- Converge 2020 on “*Re-imagining and Re-designing Built Environment in the Presence of COVID-19*”, School of Architecture & Design, DIT University (**August 14th 2020**)

DEPARTMENT OF PHYSICS

Dr. Natasha Awasthi

12. Dr. Natasha has organized one webinar on Quantum Mechanics and Gravity on **03.07.2020**. (Speaker: Dr. T.P. Singh, TIFR, Mumbai)

DEPARTMENT OF CHEMISTRY

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

13. National Webinar on Himalaya Diwas (**Sept. 09, 2020**) ‘Are Humans a threat for Himalayas’

Dr. Manisha Duseja and Dr. Suheel Porwal

14. National Webinar on 'Natural Product; Application, Extraction, Isolation and Characterization' July 10, 2020.

DEPARTMENT OF MATHEMATICS

Dr. Rakesh Mohan & Dr. Jogendra Kumar

15. Organized 5 days' International Faculty Development Program on, "SCILAB for Academics and Research" in collaboration with IIT Bombay Spoken Tutorials, Mumbai during 10th-14th August 2020.

Dr. Naresh Mohan Chadha

16. Organized one day "Faculty Development Programme" on "An Introspection of Current Learning Trends in Physical Sciences" on 13th Aug, 2020.

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

SCHOOL OF COMPUTING

Dr. Neeraj Kumar Pandey

1. Member of Technical Committee in International Conference on Machine Intelligence & Data Science Applications (MIDAS 2020) organized by Department of CSE, UPES Dehradun Uttarakhand on September 4-5, 2020.
2. Member of Technical Committee in 9th IEEE International Conference on International Conference on System Modeling & Advancement in Research Trends (SMART 2020) organized by Teerthanker Mahaveer University, Moradabad,U.P. on 4th-5th September, 2020.

Ankit Agarwal

1. IEEE Student Member: 92864714
2. International Association of Engineers (IAENG), Hong Kong: 250735
3. Computer Science Teachers Association (CSTA), USA: 198357987273
4. Institute of Research Engineers and Doctors (IREED): AM101000584661
5. Institute for Engineering Research and Publication (IFERP): PM86579304

6. Asia Society of Researchers (ASR): R219003027
7. Teaching and Education Research Association (TERA): TERA-M1105

Diwaker

1. Student Member IEEE-93328161

Anurag Shrivastava

1. TERA(Teaching & Education Research Association), Membership ID: TERA-M110263
2. IAENG(International Association of Engineers), M_id- IAENG-250736
3. IFERP(Institute for Engineering research and publication), M_id- PM36502817
4. IRED(Institute of Research Engineers and Doctor), M_id- AM101000581943
5. CSTA(Computer Science Teachers Association), M_id- 198357987272
6. ASR(Asia Society for Researcher), M_id- R219013006

Dr. Srabanti Maji

1. Member, Association for Computing Machinery (ACM), (MN-5924689)

Mr. Santosh Thakur

1. Journal of big data (springer): two papers revived.

DEPARTMENT OF CIVIL ENGINEERING

Dr. Mansha Swami

1. **Dr. Mansha Swami** attained membership of Asia Society of Researcher (ASR)(Member number R219093199)

Dr. Rana Acharyya

1. Life member of Indian Geotechnical Society (Membership no: LM-4813)
2. Dr. Rana Acharyya reviewed a technical paper on Estimation of air-flow parameters and turbulent intensity in hydraulic jump on rough bed using Bayesian model averaging for Journal of Applied Soft Computing, Elsevier on.

Dr. Mansha Swami

1. **Dr. Mansha Swami** attained membership of Asia Society of Researcher (ASR) (Member number R219093199)

Dr. Rana Acharyya

1. Life member of Indian Geotechnical Society (Membership no: LM-4813)
2. **Dr. Rana Acharyya** reviewed a technical paper on Estimation of air-flow parameters and turbulent intensity in hydraulic jump on rough bed using Bayesian model averaging for Journal of Applied Soft Computing, Elsevier on **29.09.2020**.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey

1. Member (Membership ID: 4068820), *Society of Petroleum Engineers (SPE)*.

Dr. D. Tapas Kumar Dora

1. T. K. Dora reviewed a paper entitled “Synthesis and Structural Characterisation of Yttrium Doped α -Zirconium Phosphate” for Journal of Hazardous, Toxic and Radioactive Waste (ASCE) on **12th September 2020**.
2. T. K. Dora reviewed a paper entitled “Water Absorption, Thermal and Microstructural Properties of Plastic Composites Developed from Isoberlinia Doka Wood Sawdust and Polystyrene Wastes” for Journal of The Institute of Engineers (India): Series E on **13th September 2020**.

Gopal Kumar

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

FACULTY OF ARCHITECTURE & DESIGN

Ar. Shreya Giri

1. Stakeholder consultant member for review meeting of Master Plan Preparation for Rudrapur and Kashipur, AMRUT initiative, Govt. of India (**July 13th-14th, 2020**).

DEPARTMENT OF PHYSICS

Dr. Ravi Kumar Shukla

1. Dr. Ravi Shukla, reviewed a paper for Royal society of Chemistry Advances journal, I.F. 3.04, **August 2020.**
2. Dr. Ravi Shukla Reviewed a paper for Liquid Crystal journal, I.F. 2.98, **July 2020.**

Dr. Pankaj Chamoli

3. Dr. Pankaj Chamoli reviewed two papers for Journal of water processing, I.F.3.5, **July & September 2020.**

Dr. Parveen Kumar

4. Dr. Parveen Kumar Reviewed a paper for journal alloys and compound, I.F. 4.65, **July 2020.**

VIII. Awards/ Honors/ Fellowships (between July 1-Sept30)

SCHOOL OF COMPUTING

Dr. Rama Sushil

1. Dr. Rama Sushil received “Teacher of the year Award”, 5Sep2020, by Divya Himgiri foundation, Uttarakhand, screened by commission for science & Technology, MHRD govt. of India, UCOST, Uttarakhand board of technical education, Sri Dev Suman state university, society for research and development in science, technology & education.

Dr. Anurag Aeron

2. Dr. Anurag Aeron is recognized as Innovation Ambassador (IA) in the area of Entrepreneurship Development Program (in Uttarakhand) by Institution’s Innovation Council (IIC) of the Ministry of Education’s Innovation Cell. <https://mic.gov.in/faculty>

DEPARTMENT OF EECE

Dr. Gagan Singh

3. Dr. Gagan Singh have conferred long service of completing 20 years of Excellency in academics to DITU on **5th Sept 2020.**

Dr. Sonika Singh

4. Dr. Sonika Singh have conferred long service of completing 20 years of Excellency in academics to DITU on 5th Sept 2020.

Vivek Kumar Gupta

5. Mr. Vivek Kumar Gupta has conferred long service of completing 20 years of Excellency in academics to DITU on **5th Sept 2020**.

Dhurva Chaudhary

6. Mr. Dhruva Chaudhary has conferred long service of completing 20 years of Excellency in academics to DITU on **5th Sept 2020**.

DEPARTMENT OF CIVIL ENGINEERING

Dr. Rana Acharyya

7. Dr. Rana Acharyya has been awarded with certificate, “Recognized Reviewer for The Journal of Applied Soft Computing” by Elsevier on 30.09.2020.

FACULTY OF ARCHITECTURE & DESIGN

Ar. Vartica Saxena

8. Got the best paper award IC_2020_31, The pandemic Covid-19 as a catalyst in the displacement of Architectural Education (**August 14th 2020**).

Ar. Charles Porwal

9. Awarded in Teachers Day onx 2020 for contribution by providing proposal for public spaces during covid conditions (**September 5th 2020**)

Ar. Poonam Katre

10. Awarded in Teachers Day for contribution by providing proposal for public spaces during covid conditions (**September 5th 2020**)

DEPARTMENT OF CHEMISTRY

Dr. Naveen Singhal

11. Divya Himgiri – Teacher of the Year Award (**Sept. 05, 2020**)

12. DIT University – Brand Ambassador Award (Sept. 05, 2020)

Dr. Suheel Porwal

13. DIT University- 5 years prestigious service award (Sept. 05, 2020)

Dr. Manisha Duseja

14. DIT University- 10 years prestigious service award (Sept. 05, 2020)

IX. Doctoral Students Awards/Achievements (between July 1-Sept30)

Nil

X. CONSULTANCY DETAILS

Nil

XI. ANY OTHER ACHIEVEMENTS

SCHOOL OF COMPUTING

Maneesha

1. Attended webinar on “Publishing Ethics” organized by Taylor & Francis group on **5-August-2020**.
2. Attended Online course on “Image Processing with Python” organized by Coursera on **22-July-2020**

Mayank Shah

3. Attended A web course on python for data analytics from jovian.ml. Ongoing MOOC course on GCP and Machine Learning **July 2020**.

Nishtha Rawat

4. Online Certification Course on AI for Medical Diagnosis conducted by deeplearning.ai from **01-07-2020 to 19-07-2020**.

Dr. Narendra Kumar

5. Successfully completed Introduction to the “Internet of Things and Embedded Systems” an online non-credit course authorized by University of California, Irvine and offered through Coursera. **July 2020**
6. Successfully completed successfully completed “Software Processes and Agile Practices” an online

non-credit course authorized by University of Alberta and offered through Coursera. **July 2020**

7. Successfully completed “Neural Networks and Deep Learning” an online non-credit course authorized by deeplearning.ai and offered through Coursera. **July 2020**
8. Successfully completed and received a passing grade in “Data Analysis with Python “a course on cognitive class (Powered by IBM Developer Skills Network). **July 2020**

Tarun Kumar

9. Online Certification Course on ‘The Arduino Platform and C Programming’ conducted by Coursera on 13-08-2020.

Dr. Ranjeet Kumar Ranjan

10. Coursera: Facial Expression Recognition with Keras.

Ruchi Sharma

11. Coursera: Machine learning feature selection in python on **July 12, 2020.**
12. Coursera- Introduction to Machine Learning on **July 15, 2020.**
13. Coursera- Covid 19 data analysis using python on **July 13, 2020.**

Santosh Thakur

14. Done data science professional certification by IBM

Priyanka Dahiya

15. Ph.D. Thesis Submitted in **August 2020.**

Mr. Devendra Prasad

16. Completed Course: Introduction to Applied Machine Learning on **31 July 2020.**
17. Completed Course: Machine Learning Algorithms: Supervised Learning Top to Tail on **31 July 2020.**

Saurabh Kumar

18. Completed 5-week certification course "Cyber threats and attack vector" by Coursera on **2nd August 2020.**
19. Completed 5-week certification course "Detecting and Mitigating Cyber Threats and Attacks" by Coursera on **19th August 2020.**

DEPARTMENT OF EECE

Dr. Kuldeep Choudhary

1. Certificate of Participation- “Completed the online course on “Satellite Photogrammetry and its Application” conducted by IIRS from **29th June 2020 to 3rd July 2020**.
2. Certificate of Participation- “Participated in 5 days International Faculty Development Program (FDP) on SCILAB for Academics and Research organized by Department of Mathematics, School of Physical Sciences, DIT University, Dehradun, Uttarakhand in association with IIT Bombay Spoken Tutorials (An initiative of National Mission on Education through ICT, MHRD, of India)Government” conducted by DITU in Association of IIT Bombay from **10th Aug 2020 to 14th Aug 2020**
3. Certificate of Participation- “ FDP on INDUSTRIAL AUTOMATION & ROBOTICS” conducted by DITU from **3rd Aug 2020 to 7th Aug 2020**
4. Certificate of Appreciation- “National Level E-Quiz Contest organized by IEEE AITAM Student’s Branch-Analog Communication” conducted by Aditya Institute of Technology And Management K.Kotturu,Tekkali - 532201,Srikakulam Dist., A.P-**19th July 2020**
5. Certificate of Appreciation- “National Level E-Quiz Contest organized by IEEE AITAM Student’s Branch- Digital Electronics” conducted by Aditya Institute of Technology And Management K.Kotturu,Tekkali - 532201,Srikakulam Dist., A.P-**19th July 2020**
6. Certificate of Participation- Attended a webinar on “Earth Observation from Space for Societal Benefits” conducted by DITU 8th **July 2020**.

Vivek Kumar Gupta

7. Certificate of Participation-Attended an FDP on “RECENT ADVANCES IN BIOMEDICAL AND COMMUNICATION” GMRIT,KAKINADA,**13-18JULY,2020**
8. Certificate of Participation-Attended an FDP on “TRENDS IN AI AND MACHINE LEARNING” NORTH ODISHA UNIVERSITY, **16-21JULY,2020**
9. Certificate of Participation-Attended an FDP on “TECHNOLOGIES WITH SOCIAL RELEVANCE “ GMRIT,KAKINADA,**27JULY-1 AUGUST,2020**
10. Certificate of Participation-Attended an FDP on “RECENT TRENDS IN CSE AND IT” ,RKGIT,NOIDA,**13-17JULY,2020**
11. Certificate of Participation-Attended a webinar on WEBINAR ON “NAAC ACCREDITATION”, SPMM,NANDURA, **10JULY,2020**
12. Certificate of Participation-Attended a webinar on WEBINAR ON “PERSONAL FINANCE” IMS DEHRADUN,**3JULY,2020**
13. Certificate of Participation-Attended an FDP on “ADVANCES IN ADDITIVE MANUFACTURING ,YCCE,NAGPUR,**24-29AUGUST,2020**
14. Certificate of Participation-Attended an FDP on “APPLICATION OF FLUID MECHANICS” DIT UNIVERSITY, **29-30JUNE,2020**
15. Certificate of Participation-Attended a webinar on WEBINAR ON “INDOGERMAN FUNDING” NIT JALANDHAR,**26JUNE,2020**
16. Certificate of Participation-Attended an FDP on “SOLAR ENERGY CONVERSUION AND STORAGE” PIET,JAIPUR,**31AUGUST-4 SEPTEMBER,2020**

Mohamed Samir

18. Certificate of Participation- Attended a short term course on **Electrical Power System** (online) conducted by **State University, New York, US**
19. Certificate of Participation- Attended a FDP on **Data Science with Python Programming** conducted by **K.W. College, Sangli, India**
20. Certificate of Participation- Attended a FDP on **Fundamentals of Network Security** conducted by **NITTTR Kolkata, India**
21. Certificate of Participation- Attended a FDP on **Industrial Automation and Robotics** conducted by **DIT University, Dehra Dun, India**
22. Certificate of Participation- Attended a webinar on **INDO-GERMAN BILATERAL FUNDING PROGRAMS FOR INDUSTRIAL RESEARCH** conducted by **NIT Jalandhar** in association with **INDO-GERMAN SCIENCE AND TECHNOLOGY CENTRE (IGSTC)**
23. Certificate of Participation- Attended a webinar on **Role of the Smart Grid in Facilitating the Integration of Renewables** conducted by **IEEE SB Galgotias University.**

Dhruva Chaudhary

24. Attended a webinar on “**Demystifying Smart Meters**” conducted by **Secure Meters Limited, Udaipur 25nd September 2020**

Saurabh Mishra

25. Certificate of Participation- Attended a Webinar on **Patent Protection for Innovation Driven Academic Institutions** conducted by **Turnip Innovations, India on 29th August, 2020.**
26. Certificate of Participation- Attended a Webinar on **Demystifying Smart Meters** conducted by **Smart Jules Pvt. Ltd, India in association with EEED, DIT University on 25.09.2020.**
27. Certificate of Participation- Attended a FDP on **Industrial Automation and Robotics** conducted by **DIT University, Dehra Dun, India from 03rd Aug. – 7th Aug., 2020.**
28. Certificate of Participation- Attended a webinar on **INDO-GERMAN BILATERAL FUNDING PROGRAMS FOR INDUSTRIAL RESEARCH** conducted by **NIT Jalandhar** in association with **INDO-GERMAN SCIENCE AND TECHNOLOGY CENTRE (IGSTC).**
29. Certificate of Participation- Attended International e-Conference on Challenges in Electrical & Electronics Engineering in Present Scenario (IeCCEEEPS-2020) organized by Department of Electrical Engineering, Laxmi Devi Institute of Engineering & Technology, Alwar, Rajasthan on **August 29th & 30th 2020.**
30. Certificate of Participation- participated in 5 days International Faculty Development Program (FDP) on SCILAB for Academics and Research organized by Department of Mathematics, School of Physical Sciences, DIT University, Dehradun, Uttarakhand in association with IIT Bombay Spoken Tutorials (An initiative of National Mission on Education through ICT, MHRD, Government of India) from **August 10, 2020 to August 14, 2020.**

Dr. Nafees Ahmad

31. One-week short term course (STC) on **Stability Analysis, Protection and Control of Microgrid**, organized by Department of Electrical Engineering and Department of Instrumentation and Control Engineering, Dr. B. R. Ambedkar NIT, Jalandhar, India, **Sep 25-29, 2020**
32. A TEQIP-III sponsored online short term course (STC) **Optimization and Control Design Techniques Innovations and Challenges (OCDT2020)**, organized by Dr. B. R. Ambedkar NIT, Jalandhar, India, **Sep 17-21, 2020**
33. Five days faculty development program (FDP) **Industrial Automation and Robotics**, organized by Department of Mechanical engineering, DIT University, Dehradun, India **Aug 3-7, 2020**
34. One-day seminar on **Earth Observation from Space for Societal Benefits**, organized by DIT University, Dehradun, India **July 8, 2020**.

DEPARTMENT OF PETROLEUM ENGINEERING

Rakesh Kumar Pandey

1. **R. K. Pandey** has been awarded course completion certificate by *Coursera* on 24th July, 2020 for successfully completing 5 weeks course on “Python Functions, Files, and Dictionaries” offered by *University of Michigan*.
2. **R. K. Pandey** has been awarded course completion certificate by *Coursera* on 26th August, 2020 for successfully completing 3 weeks course on “Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization” offered by *Deeplearning.ai*.
3. **R. K. Pandey** has been awarded guided project completion certificate by *Coursera* on 14th August, 2020 for successfully completing 1 week guided project on “Machine Learning Feature Selection in Python” offered by *Coursera Project Network*.
4. **R. K. Pandey** has been awarded guided project completion certificate by *Coursera* on 14th August, 2020 for successfully completing 1 week guided project on “Support Vector Machine Classification in Python” offered by *Coursera Project Network*.
5. **R. K. Pandey** has been awarded guided project completion certificate by *Coursera* on 14th August, 2020 for successfully completing 1 week guided project on “University Admission Prediction Using Multiple Linear Regression” offered by *Coursera Project Network*.
6. **G. Kumar**, has received “**Long Service Award**” by DIT University, Dehradun in **5th September 2020**.

FACULTY OF ARCHITECTURE & DESIGN

Ar. Jitendra Sarohi

1. Appointed as an observer by Council of Architecture, Govt, of India to conduct National Aptitude Test in Architecture 2020 (**September 2020**).

DEPARTMENT OF MATHEMATICS

Dr. Jogendra Kumar, Ms. Seema Yadav & Dr. Fateh Singh

1. Conference Proceedings of International Conference on Applied Mathematics and Computational Sciences (ICAMCS-2019), publisher AIJR, India, DOI: <https://doi.org/10.21467/proceedings.100>, ISBN-13 (15) 978-81-942709-6-6, 08 August 2020.

DEPARTMENT OF MANAGEMENT STUDIES

Dr. Hemraj Verma

1. Dr. Hemraj Verma (Convenor) organized 1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development organized by VARDERING INDIA (12 & 13 September 2020) and FMS, DIT University.

Dr. Preeti Sharma

2. Dr. Preeti Sharma (Conference Coordinator) organized 1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development organized by VARDERING INDIA (12 & 13 September 2020) and FMS, DIT University.

Priyanka Pandey

3. Priyanka Pandey (Moderator) organized 1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development organized by VARDERING INDIA (12 & 13 September 2020) and FMS, DIT University.

Dr. Vijay Kumar

4. Dr. Vijay Kumar Jain co-chaired a session on *Tourism Management and Business* in 1st Virtual International Conference on Rural Tourism - Challenges, Scope and Entrepreneurship Development organized by VARDERING INDIA (12 & 13 September 2020) and FMS, DIT University.