



ACADEMIC FACULTY & SCHOOLS OF STUDY

Faculty of Engineering





School of Architecture and Landscape Design

FACULTY PROFILE

S. No.	Name of the faculty member	Designation	Qualification	Specialization
1	Ar. A.K. Singh	Associate Professor	B.Arch ; M.L.A.; E.M.I.B. Ph.D. (Pursuing)	Landscape Architecture
2	Dr. V.K Dogra	Assistant Professor	Ph.D.	Structural Engg.
3	Ar. Abhiney Gupta	Assistant Professor	M.Arch.	Architectural Design, interior Design
4	Ar. Arshia K. Hazarika	Assistant Professor (on Leave)	M.Arch.	Architectural design and History of Architecture
5	Ar. Navin Gupta	Assistant Professor	M.L.A.	Landscape Architecture, Construction.
6	Ar. Abhimanyu Sharma	Assistant Professor	M.Arch.	Architectural design and construction
7	Ar. Anoop Kumar Sharma	Assistant Professor	M.Arch.	Hill Architecture, 21st century Architecture, Furniture Design.
8	Ar. Vinod Kumar	Assistant Professor	M.C.P.	Architecture, Town planning
9	Ar. Snehal Sharma	Assistant Professor	B.Arch.; M.L.A. (Result awaited)	Landscape Architecture
10	Ar. Manu Rajput	Assistant Professor	B.Arch.; PG diploma -ITPI	Architectural Design & Town planning
11	Ar. Tahir Ahmed	Assistant Professor	M.Arch.	Architectural Design and Sustainable Architecture.
12	Ar. C.L.Razdan	Visiting Faculty	B.Arch; (Retd. Senior Architect, Govt. of J&K)	Ecofriendly Architecture, Vernacular Architecture, Design with Nature.
13	Ar. Anil Wali	Visiting Faculty	B.Arch.; (Retd. Architect, Govt. of J&K.B.	Building Construction Techniques, Residential Architecture.
14	Ar. Harbinder Pal Singh	Visiting Faculty	Arch; M.L.A. (Pursuing)	Group Housing, Commercial Architecture, Contemporary Homes.
15	Ms. Shobha Thakur (Artist)	Visiting Art Instructor	M.F.A.; B.F.A.	Modern Art, Contemporary Abstracts, Portraits, Live Sketching

PROGRAMMES OFFERED & ENROLLMENT:

B.Arch.	M.Tech.
40	No

DETAILS OF B.TECH. STUDENTS: B.ARCH.

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	20	20	40

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

Resource Person	Theme of the Lecture	Date
VIEGA –Marketing Head (Mumbai)	VIEGA Building Materials (Plumbing)	April, 2015
PILSA pipes-HR	PILSA Pipes	March, 2015
North India Distribution Head-Somany	Somany Tiles	March, 2015
Ar. Joel Micheal, Ar. Avikal Sonvanshi, Ar. Bishwajeet Banerjee	Visual communication, Videography & the Relation of Architecture with Infographics & Media	24 th -25 th Nov., 2014.

DEGREE AWARDEES:

B.Arch.	Ph.D.
20	01

Names of Ph.D. Degree Awardees: Dr. V. K. Dogra

RESEARCH PROJECTS INITIATED & COMPLETED BY THE FACULTY:

Title of the Project	Funding agency	Amount sanctioned	Status/Duration
Multi level Parking-Super speciality Hospital, Jammu (Dr. V.K.Dogra)	Govt. of J&K	12.6 Crores	Construction in Progress
District Court Complex, Samba (Dr. V.K.Dogra)	Govt. of J&K	6.5 Crores	Design Stage
3-BHK Housing, SMVDU (Ar. A. K. Singh, Ar. Navin Gupta, Dr. V.K.Dogra)	SMVDU	10 Crores (Approx)	Completed
Basholi Boys Hostel, SMVDU (Ar. Abhiney Gupta, Ar. Abhimanyu Sharma, Dr. V.K.Dogra)	SMVDU	18 Crores (Approx)	Design Stage

Support Staff Building (Ar. Anoop Sharma, Dr. V.K.Dogra)	SMVDU	Under process	Design Stage
SMVDU Campus Comprehensive Master Plan & Design (Ar. A. K Singh, Ar. Navin Gupta, Ar. Manu Rajput, Ms. Navneet Parashar)	SMVDU	Under process	Interim Planning Stage
NEW PRO Office Design for SMVDU at SARASWATI DHAM, Jammu (Ar. Anoop Sharma)	SMVDU	Under process	Design Stage
TBIC Design, SMVDU (Ar. Anoop Sharma)	SMVDU	Under process	Proposal Submitted
SECE Lab Lay-out, SMVDU (Ar. Anoop Sharma)	SMVDU	Under process	Proposal Submitted
SECE – Director's Office's Interior Design, SMVDU (Ar. Anoop Sharma)	SMVDU	Under process	Proposal Submitted

NEW COLLABORATIVE RESEARCH PROGRAMS UNDERTAKEN: NO

Research Publications

- Sharma Ar. Anoop, Gupta Ar. Abhiney, Sharma Ar. Abhimanyu; “Convertible Homes: Partition Walls in 21st century Indian Architecture” in Proceedings 'Neo-International Conference on Habitable environments (NICHE)' held at LPU-Jalandhar. (Page no. 473-479)
- Sharma Ar. Anoop, Hazarika Ar. Arshia K. “Contemporary Western Architecture & India: Vernacular Indian versus Versatile western Built forms” in Proceedings 'Neo-International Conference on Habitable environments (NICHE)' held at LPU-Jalandhar. (Page no. 615-620)
- Hazarika Ar. Arshia K. “Automation: Ushering An Era Of Energy Efficiency In Architecture” in Proceedings 'Neo-

International Conference on Habitable environments (NICHE)' held at LPU-Jalandhar. (Page no. 481-488).

Conferences/Workshops/Short term Courses Attended

1. Ar. Anoop Sharma attended 3-day 'Neo-International Conference on Habitable environments (NICHE)' held at Lovely Professional University –Jalandhar (Pb.) during 31st Oct-2nd Nov, 2014.
2. Ar. A.K. Singh, Dr. V.K. Dogra, Ar. Abhiney Gupta, Ar. Navin Gupta, Ar. Abhimanyu Sharma & Ar. Anoop Sharma attended ISTE workshop on Environmental Studies organized by IIT-Bombay & Faculty of Management, SMVDU at remote centre-SMVDU in

June-2015.

3. Dr. V.K. Dogra attended 3-DAY National conference on Orchids Science and Commerce: Integration of Medicinal Orchids, sustainable development & societal benefits & Orchid Show organized by Orchid society of India (TOSI) & school of Biotechnology, SMVDU during 13th-15th Feb, 2015.

Conferences/ Seminars /Workshops/ FDPs/MDPs Organized

1. SALD organized the orchid show & Painting Competition during 3-DAY National conference on Orchids Science and Commerce: Integration of Medicinal Orchids, sustainable development & societal benefits & Orchid Show organized by Orchid society of India (TOSI) & School of Biotechnology, SMVDU during 13th-15th Feb, 2015.
2. SALD Organized Joint Exhibition with IIIM-Jammu & CSIR during 8th Inspire Camp organized by SICD, SMVDU during 22nd - 26th July, 2015.
3. On 24th & 25th November 2014, the School of Architecture & Landscape Design (SALD) organized Guest lecture

& workshop by the alumni of the school. Ar. Joel Michal (2011 batch) - A postgraduate from IIT-Kgp. He was ably assisted by other two SALD alumni (2011 batch) i.e. Ar. Avikal Somvanshi & Ar. Biswajit Banerjee. The workshop dealt with the aspects of Visual communication, videography & the relation of Architecture with infographics & media. Further, they shared their experiences in the practical field & encouraged the students to work harder & aim for better results.

External Expert Jury/ Lectures Delivered by Faculty

- Ar. A.K. Singh, Director & Associate Professor, SALD invited as External Expert Jury for Thesis viva of PG Programme (Master of Landscape Architecture) 2013-15 batch by School of Planning and Architecture (Deemed to be University) - An Architecture & Planning Education Institute of International repute, on 4-5th Dec. 2014 at New Delhi.
- Dr. V.K. Dogra, Assistant Professor SALD delivered an Expert Guest Lecture on Design Awareness for Ply Wood Cluster organized by PHD Chamber of Commerce and Industry on 13th May 2015 at Jammu.



School of Computer Science & Engineering

FACULTY PROFILE

S. No.	Name of the faculty member	Designation	Qualification	Specialization
1	Dr. Ajay Koul	Assistant Professor	Ph.D.	Adhoc Networks, Image processing
2	Mr. Manoj Kumar	Assistant Professor	M.Tech. Ph.D. (pursuing)	Sensor Networks, Databases
3	Ms. Sonika Gupta	Assistant Professor	MCM Ph.D. (Pursuing)	Data Structures
4	Dr. Sunanda Gupta	Assistant Professor	Ph.D.	Optimization Techniques
5	Dr. Sakshi Arora	Assistant Professor	Ph.D.	Optimization Techniques
6	Dr. Naveen Gondhi	Assistant Professor	Ph.D.	Computer Networking
7	Ms. Pooja Sharma	Assistant Professor	MBA Ph.D. (Pursuing)	VANETs
8	Mr. Sanjay Kumar Sharma	Assistant Professor	M.Tech.	Network Security & Image Processing
9	Mr. Deo Prakash	Assistant Professor	M.Tech. Ph.D (Pursuing)	Sensor Networks
10	Mr. Anuj Mahajan	Assistant Professor	M.Tech.	Data Mining
11	Mr. Sudesh Kumar	Assistant Professor	M.Tech.	Computer Network & Security
12	Mr. Niteesh	Assistant Professor	Ph.D.	High Performance Computing

PROGRAMMES OFFERED & ENROLLMENT:

B.Tech.	M.Tech.	MCA
60	30	15

DETAILS OF B.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	50	10	60

DETAILS OF M.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	8	15	23

DETAILS OF RESEARCH SCHOLARS:

Year 2014-15	Ph.D.		
	Male	Female	Total
Admitted 2014-15	3	1	2
Awarded 2014-15	0	2	4
Total presently under supervision	3	2	5

PROGRAMMES OFFERED & ENROLLMENT:

Resource Person	Theme of the Lecture	Date
Prof S.K. Gupta	Current Trends in Research areas	May 2014

DEGREE AWARDEES:

B.Tech	M.Tech	Ph.D.
60	5	2

Names of Ph.D. Degree Awardees: Dr. Sakshi Arora
Dr. Sunanda Gupta

RESEARCH PROJECTS INITIATED & COMPLETED BY THE FACULTY:

Title of the Project	Funding agency	Amount sanctioned	Status/Duration
"ERP Mission" under NMEICT	MHRD	25,00,000/-	Completed/ 3 Yrs
Secure and QoS oriented routing protocol for MANETs	UGC	7,68,000	ongoing

NEW COLLABORATIVE RESEARCH PROGRAMS UNDERTAKEN: NO**RESEARCH PUBLICATIONS****List of Journal Publications**

1. Koul Ajay, Sharma Mamta, "Cumulative Techniques for Overcoming Security Threats in MANETs", Intl. Journal of Computer Network and Information Security, 2015, 5, 61-73 April 2015, DOI: 10.5815/ijcnis.2015.05.08
2. Sharma Pooja, Koul Ajay, M.L. Garg, "Performance analysis of video streaming applications over VANETs." In international Journal of Computer applications ISSN-0975-8887, Vol 112, Feb 15, IF 0.715.
3. Koul Ajay, Sharma Mamta, " Novel Strategies practicing QoS in MANETs" International Journal of Computer Applications (0975 – 8887) Volume 108 – No. 13, December 2014
4. Sharma Pooja, Koul Ajay et al, "Performance evaluation of CBR and VBR applications on different routing protocols in VANETs" in International journal in recent trends in Engineering &

Technology, Vol 11 June 2014.

5. Sakshi Arora and Gupta, Sunanda, "Effect of the Core Selection Strategy in Determining the Optimum BDMST in Multicast Networks", *Advances in Computer Science and Information Technology* Vol (2),2, (2015): pp. 249-251.
6. Lone F R & Sharma Sanjay , BER analysis of Bpsk& Qam modulation schemes using RS encoding over Rayleigh fading channel, *IJCSBI* , 1694-2108 Vol 14,no 2. AUG/SEPT, 2014. (p 37-45)
7. Gondhi Naveen Kumar, "Touchless Feed"- A sixth sense based Innovative published by *International Journal of Computer Applications* (0975 – 8887) ISBN: 973-93-80887-05-2
8. Sharma, Pooja, Kaul Ajay, and M. L. Garg. "Performance evaluation of CBR and VBR applications on different routing protocols in VANETs." *Int. J. of Recent Trends in Engineering & Technology* 11 (2014).
9. Sharma, Pooja, Kaul Ajay, and M. L. Garg. "Performance Analysis of Video Streaming Applications over VANETs." *International Journal of Computer Applications* 112.14 (2015).
4. Naveen Kumar Gondhi, Local Search based Ant Colony Optimization for Scheduling in Cloud Computing published by *IEEE-Explore* at 2nd IEEE Conference in Advances in Computing & Communication Engineering at Dehradun 1st-2nd May 2015
5. Naveen Kumar Gondhi, "Prediction Based Energy Efficient Virtual Machine Consolidation in Cloud Computing" published by *IEEE-Explore* at 2nd IEEE Conference in Advances in Computing & Communication Engineering at Dehradun 1st-2nd May, 2015.
6. Neetesh Kumar and D.P. Vidhyarthi, "Improved Scheduler for Multi-Core Many –Core Systems," Poster, in 29th International Symposium on Parallel and Distributed Computing (IPDPS 2015) (Accepted)

Conferences/Workshops/Short term Courses Attended

List of Conference Publications

1. Sunanda Gupta and Sakshi Arora, "Performance Analysis of Simulated Annealing with Fitness Correlation Heuristics ", 10th JK Science Congress, March 2015.
2. Sakshi Arora and Sunanda Gupta, "Performance analysis of the core selection strategy in multicast networks ", 10th JK Science Congress, March 2015.
3. Neetesh Kumar, D.P. Vidhyarthi, "Improved Scheduler for Multi-Core Many–Core Systems," Poster, in 29th International Symposium on Parallel and Distributed Computing (IPDPS 2015)(Accepted)
1. Koul Ajay attended one weeks program in Robotics at IIIT Allahabad from 7th -13th June, 2014.
2. Koul Ajay attended one weeks Quality improvement program in Bioinformatics at IIT Bombay from 29th of December 2013 to 2nd of January 2014.
3. Gupta, Sunanda, Attended Two Week ISTE Workshop on Introduction to Design of Algorithms Organized by IIT Bombay, held at Shri Mata Vaishno Devi University, from 25th May 2015 to 30th May 2015.
4. Kumar Manoj, Participated in one week ISTE STTP for coordinators on "Introduction to Design of Algorithms" at IIT, Kaharagpur from 16th March to 20th

- March, 2015.
5. Mahajan Anuj, 2 week ISTE Main workshop on Introduction to Design of Algorithms, organized by IIT-Kharagpur, one week equivalent of online activities spread over 27th April to 24th May, other one week from 25th May to 30th May as face to face interaction at SMVDU Remote Centre
 6. Sharma Sanjay kr, Attended ISTE/MHRD workshop on "Introduction to design of algorithms" at smvdu.
 7. Gondhi Naveen Kumar, Four Weeks Orientation Programme at GJUS&T, Hisar from 05-05-2014 to 31-05-2014.
 8. Gondhi Naveen Kumar, Three weeks refresher course at UGC-ASC Shimla on "Information technology" from 07-07-2014 to 26-07-2014
 9. Gondhi Naveen Kumar, Two Weeks ISTE workshop on "Computer Networking" conducted by IIT Bombay under NMEICT at SMVDU from 28.05.2014 to 05.07.2014.
 10. Prakash Deo, week ISTE Main workshop on Introduction to Design of Algorithms, organized by IIT-Kharagpur, one week equivalent of online activities spread over 27th April to 24th May, other one week from 25th May to 30th May as face to face interaction at SMVDU Remote Centre.
 11. Gupta Sonika, "Financial Ratios as Detectors of Financial Statement Frauds – A Review". Presented in ICSSR North-Western Regional Center Sponsored National Seminar on "Contemporary Business and Economic Opportunities in North- Western Region – Issues and Challenges" Held on 6th March, 2015.
 12. Gupta Sonika, Attended 2 week ISTE

STTP workshop on "Introduction to Design of Algorithms" under NMEICT conducted by IIT, Kharagpur at S.M.V.D.U

13. Kumar Sudesh, Attended One Day Interactive Workshop for Remote Center Coordinators at IIT Bombay on 29th November 2014.
13. Kumar Sudesh, Attended One Day Interactive Workshop for Remote Center Coordinators at IIT Bombay on 29th November 2014.
14. Kumar Sudesh, Attended Orientation Programme at BPS Women University, Sonipat, Haryana from 3rd – 30th June, 2015.

Conferences/ Seminars / Workshops/ FDPs/MDPs Organized

1. Manoj Kumar, Organized two weeks ISTE STTP workshop on "Introduction to Design of Algorithms" during April/May, 2015 in collaboration with IIT, Kharagpur.
2. Anuj Mahajan, Organized week long celebrations of Software Freedom Day (worldwide celebrations of FOSS) which culminated on 20th September 2014.
3. Sudesh Kumar Organized a Two-week ISTE sponsored STTP on "Introduction to Design of Algorithms" from 25- 30th May, 2015 in collaboration with IIT Kharagpur under the T10KT programme of National Mission of Education through ICT.

Lectures delivered

1. Dr. Ajay Koul delivered a lecture at Police Training Academy Udhampur on E-governance and Cyber Laws on 7th May, 2015

Awards and Recognition

Dr Ajay koul awarded Young Scientist Award by Department of Science and Technology Government of J&K this year



School of Electronics & Communication Engineering

FACULTY PROFILE

S. No.	Name of the faculty member	Designation	Qualification
1	Dr. Vipin Kakkar	Associate Professor	Ph.D.
2	Dr. Amit Kant Pandit	Associate Professor & Director	Ph.D., D.A.C.
3	Dr. Sumeet Gupta	Assistant Professor	Ph.D.
4	Dr. Kumud Ranjan Jha	Assistant Professor	Ph.D.
5	Dr. Manish Sabraj	Assistant Professor	Ph.D.
6	Mr. Shashi Bhushan Kotwal	Assistant Professor	M.Tech.
7	Mr. Ashish Suri	Assistant Professor	M.Tech.
8	Mr. Anil Bhardwaj	Assistant Professor	M.Tech.
9	Mr. Neeraj Tripathi	Assistant Professor	M.Tech.
10	Mr. Swastik Gupta	Assistant Professor	M.Tech.
11	Dr. Rakesh Jha	Assistant Professor	Ph.D.
12	Dr. Purnima Hazra	Assistant Professor	Ph.D.
13	Mr. Vikram Singh	Assistant Professor	M.Tech. (Ph.D. pursuing)
14	Mr. Sachin K. Gupta	Assistant Professor	M.Tech. (Ph.D. pursuing)
15	Dr. Vijay Kumar Sharma	Assistant Professor	Ph.D.

PROGRAMMES OFFERED & ENROLLMENT:

B.Tech.	M.Tech.	Ph.D.
58	29	03

DETAILS OF B.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	41	17	58

DETAILS OF M.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	11	28	39

DETAILS OF RESEARCH SCHOLARS:

Year 2014-15	Ph.D.		
	Male	Female	Total
Admitted 2014-15	2	0	2
Awarded 2014-15	0	0	0
Total presently under supervision	5	1	6

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

Resource Person	Theme of the Lecture	Date
P. Chakrabarti Director NIT Allhabad	Digital Communication Lecture series	Lecture series

DEGREE AWARDEES:

B.Tech	M.Tech	Ph.D.
83	15	No

RESEARCH PROJECTS INITIATED & COMPLETED BY THE FACULTY:

Title of the Project	Funding agency	Amount sanctioned	Status/ Duration
Design modification and analysis of effect of variable quantization on A* Prune, KMCSP Algorithm:- for Video compression	UGC	Rs.8.35 Lakh	ongoing
Development of Microbial Fuel Cell	UGC	Rs.8.16 Lakh	ongoing
Empirical Study of Psychology & Mindset of Electricity Consumers and the Social Impact of Power Losses in the State of J&K: Performance, Challenges & Opportunities	JKSERC	Rs.4.40 Lakh	Completed

NEW COLLABORATIVE RESEARCH PROGRAMS UNDERTAKEN: NO**RESEARCH PUBLICATIONS**

- Bharti Garima, Jha K. R., Singh G. and Jyoti R., "Angular stable dual polarized and multiband modified circular ring frequency selective surface," *Frequenz: Journal of RF-Engineering and Telecommunication*, vol. 69, no. 5-6, pp. 199-206, 2015. (ISI Impact Factor 2014=0.393)
- Bharti Garima, Jha K. R., Singh G. and Jyoti R., "Design of angular and polarization stable modified circular ring frequency selective surface for satellite communication system," *International Journal of Microwave and Wireless Technology*, (Accepted), 2015. (ISI Impact Factor 2014=0.348).
- Bharti Garima, Jha K. R., Singh G. "Design of Dual-Polarized Angular Stable new bandpass Frequency Selective Surface Structure in X-Band," *Telecommunication Systems* (Accepted) 2015. (ISI Impact Factor 2014=0.705)
- Bharti G., Jha K. R., Singh G., and Jyoti R.,

Design of azimuthally periodic wedge-shaped circular ring bandpass frequency selective surface using transmission-line method "Wireless Personal Communications, (Accepted) , 2015. (ISI Impact Factor 2014=0.653)

- Bharti G., Jha K. R., Singh G., and Jyoti R., "Planar Tri-band frequency selective surface with transmission in S-band and reflection in Ka-Ku-band," Radio electronics and Communication Systems, (Accepted), 2015. (ISI Impact Factor 2014=0.167).
- Bharti Garima, Jha K. R., Singh G., and Jyoti R., "Azimuthally periodic wedge-shaped metal vane loaded circular ring frequency selective surface" International Journal of Microwave and Wireless Technology

RESEARCH PUBLICATIONS

- Bharti Garima, Jha K. R., Singh G. and Jyoti R., "Angular stable dual polarized and multiband modified circular ring frequency selective surface," Frequenz: Journal of RF-Engineering and Telecommunication, vol. 69, no. 5-6, pp. 199-206, 2015. (ISI Impact Factor 2014=0.393)
- Bharti Garima, Jha K. R., Singh G. and Jyoti R., "Design of angular and polarization stable modified circular ring frequency selective surface for satellite communication system," International Journal of Microwave and Wireless Technology, (Accepted), 2015. (ISI Impact Factor 2014=0.348).
- Bharti Garima, Jha K. R., Singh G. "Design of Dual-Polarized Angular Stable new bandpass Frequency Selective Surface Structure in X-Band," Telecommunication Systems (online), 2014. (ISI Impact Factor 2014=0.348)
- Jha Rakesh Kumar, Tiwari Jahnvi, Yadav Ashish, and Singh Ashish Kumar "MATLAB User Interface for

Simulation of Silicon Germanium Solar Cell," Journal of Materials, Hindwai, vol. 2015, Article ID 840718, 6 pages, 2015. doi:10.1155/2015/840718

- Jha Rakesh Kumar , Tiwari Jahnvi, Singh Ashish Kumar, Yadav Ashish, ,"Modelling and Simulation of Hydro Power Plant using MATLAB & WatPro 3.0", IJISA, vol.7, no.8, pp.1-8, 2015. DOI: 10.5815/ijisa.2015.08.01.
- Jha Rakesh Kumar., & Kharga, P, (2015)'A Comparative Performance Analysis of Routing Protocols in MANET using NS3 Simulator', IJCNIS, Vol. 7 No 4, pp. 62-68.
- Jha, Rakesh k; Kharga, Pooja; Bholebawa, Idris Z; Satyarthi, Sangeet; Anuradha; et al. International Journal of Computer Network and Information Security
- Gupta,S., Verma,S. & Abrol, R.K. (2015). Towards Achieving Reliability in Wireless Sensor Networks – A Survey. International Journal of Control & Automation (IJCA), 8(5) (2015), 417-440, 2015

Conferences/Workshops/Short term Courses Attended

1. Bhujade Rakesh Kumar, Amit Kant Pandit and Naveen Hemrajani, Stuti Asthana "A Novel Approach of Five Hidden Layer Proportionality in Back Propagation Neural Network", Fifth International Joint Conference on Advances in Engineering and Technology, AET 2014.Kochi, India. DOI:10.3850/978-981-09-5247-1_027.
2. Bhujade Rakesh Kumar, Amit Kant Pandit and Naveen Hemrajani "Proportionality Estimation of Multi Hidden Layer Neurons In Back Propagation Neural Network Architecture", Suresh Gyan Vihar University International Journal of Environment, Science and Technology, E-ISSN 2394-9570, Volume 1, Issue 1, 2015, pp.57-65.
3. Bhujade Rakesh Kumar, Amit Kant Pandit

- and Naveen Hemrajani, An Analysis of Proportionality Estimation in Multi Hidden Layer Neurons in BPNN Architecture, Second National Conference on Machine Intelligence Research and Advancement NCMIRA 15, Haryana, India ISBN: 9789384370336
4. Jha K. R. and Sharma S. K., "Combination of tunable printed monopole and elliptical monopole antennas in MIMO configurations for cell phone application," IEEE Microwave and RF Conference, Bangalore, India, Dec. 15-17, 2014, pp. 194-197.
 5. Jha K. R. and Sharma S. K., "Waveguide Integrated Microstrip Patch Antenna at Thz Frequency," IEEE Antennas and Propagation Symp., Memphis, USA, July 6-11, 2014. pp. 1465-1666.
 6. Jha K. R. and Sharma S. K., "Analysis of Waveguide Integrated Microstrip Patch Array With Reflector at THz Frequency," IEEE Antennas and Propagation Symp., Memphis, USA, July 6-11, 2014, pp. 1851-1852.
 7. Sharma, S.; Kumar, S.; Keshari, A.; Ahmed, S.; Gupta, S.; Suri, A., "A Real Time Autonomous Soldier Health Monitoring and Reporting System Using COTS Available Entities," Advances in Computing and Communication Engineering (ICACCE), 2015 Second IEEE International Conference on, vol., no., pp.683, 687, 01-02, May, 2015
 8. Sharma, A.; Gupta, S.; Suri, A., "Towards Standardization in Time Synchronization of Wireless Sensor Networks", Futuristic Trends in Computational analysis and Knowledge management (A-BLAZE 2015), IEEE International Conference on, vol., no., pp., 25th -27th, Feb., 2015
 9. Ahmed, S.; Mahajan, A.; Gupta, S.; Suri, A., "An Optimal Selection of Routing Protocol for Different Sink Placements in a Wireless Sensor Network for Landslide Detection System," Computational Intelligence and Communication Networks (CICN), 2014 IEEE International Conference on , vol., no., pp.358,363, 14-16 Nov. 2014
 10. Bhardwaj Anil, "A New Density Based Clustering Algorithm for Binary Data Sets" at High Performance Computing and Applications (ICHPCA), 2014 International Conference on Date 22nd - 24th Dec. 2014.
 11. Bhardwaj Anil, Comparative Study of Broadband RF Subharmonic Mixers in Submicron Technology at International conference on Recent advances in Communication, VLSI & Embedded Systems 2014.
 12. Bhardwaj Anil, A paper on "Design and Analysis of a Wideband LNTA with Noise Cancellation Mechanism" IEEE International conference on Electrical Computer and Communication Technologies at SVS College of Engineering from 5th-7th March, 2015.
 13. Bhardwaj Anil, A paper on "A paper on "A Technologies. Current Driven WidebandLow Noise 2X Subharmonic Mixer in 0.18- μ M CMOS Mechanism " 2015 IEEE International conference on Electrical Computer and Communication Technologies at SVS College of Engineering from 5th-7th March, 2015
 14. Gupta Sachin Kr., Paper Presented: on "International Conference on Telecommunication Technology and Management" at Bharti School of Telecommunication Technology & Management, IIT Delhi, published by Emerald, India, 11th – 12th April, 2015).
 15. Hazra Purnima and Jit S., "Ultraviolet Photodetection Properties of p-Si/n-ZnO Nanostructured Heterojunction Diodes", International Conference on Optics & Optoelectronics (ICOL-2014), 5th-8th March, 2014, Instruments Research and

Development Establishment, Dehradun, Uttarakhand

16. Hazra Purnima: Singh Satyendra Kumar , Hazra Purnima , Tripathi Shweta and P. Chakrabarti, "Performance analysis of RF sputtered ZnO /Si heterojunction UV photodiode" International conference on Current Development in Atomic, Molecular, Optical & Nano Physics with Application (CDAMOP-2015), 11th – 14th March, 2015, Dept. of Physics and Astrophysics, University of Delhi.
17. Jha Rakesh Kumar., Tiwari, J.; Singh, A.K.; Yadav, A.; "Sustainable power production and purification of water," in *Advances in Computing, Communications and Informatics (ICACCI, 2014 International Conference on*, vol., no., pp.2258-2263, 24th -27th Sept. 2014
18. Gupta, A.; Jha Rakesh Kumar., "Security threats of wireless networks: A survey," in *Computing, Communication & Automation (ICCCA), 2015 International Conference on* vol., no., pp.389-395, 15th -16th May 2015
19. Bhardwaj Anil attended Refresher Course in Environmental Sciences at Human Resource Development Centre Guru Nanak Dev University Amritsar from 9th June- 29th June 2015.
20. Bhardwaj Anil attended one week coordinator workshop on Control Systems at IIT Kharagpur from 15th -19th September, 2014.
21. Tripathi Neeraj attended refresher course at Human Resource Development Centre , Deen Dayal Upadhyay Gorakhpur University, Gorakhpur 23rd May - 19th June, 2015
22. "International Conference on Telecommunication Technology and Management" at Bharti School of Telecommunication Technology & Management, IIT Delhi, published by

Emerald, India, 11th -12th April, 2015.

23. Hazra Purnima attended 100th Orientation Programme at Academic Staff College – Burdwan University, West Bengal from 3rd - 30th July, 2015.

Conferences/ Seminars /Workshops/ FDPs/MDPs Organized

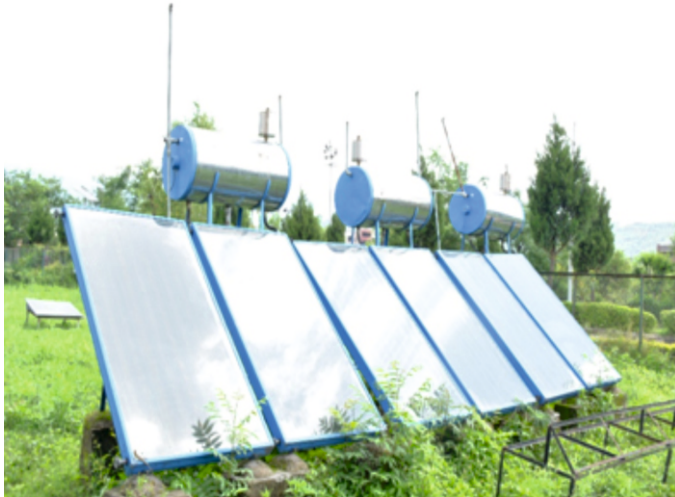
1. Anil Bhardwaj coordinated Two week ISTE workshop on Control Systems organized in collaboration with IIT Kharagpur from 2nd December 2014 to 12th December 2014.
2. R.K.Jha organised workshop organized on "Robotics" from 17th Feb to 19th Feb 2015

Lectures delivered

- Dr. Amit K Pandit attended and delivered a lecture in 2nd National Conference on Machine Intelligence and Research Advancement NCMIRA 2015 at BPS university Haryana 19th -20th March, 2015
- Dr. Amit K Pandit chaired a session in 2nd National Conference on Machine Intelligence and Research Advancement NCMIRA 2015 at BPS university Haryana 19th-20th March 2015.
- Dr. K.R.Jha gave Keynote speech on Terahertz Communication Concepts and Challenges," Second Int. Conf. on VLSI Communication and Networks, Apr. 18-19, 2015, Alwar, India.
- Dr. Sumeet Gupta was resource person and gave a Lecture on "Digital Design with VHDL" at MBS College of engineering as part of ESDM Workshop conducted by IETE Jammu Center in Jan 2015.
- Mr. Anil Bhardwaj delivered Lecture on SPICE software at one day workshop on HCTM kaithal Haryana.

Awards and Recognition

Dr. R.k. Jha is Nominated for "Bharat Shiksha Ratan Award" 2015



School of Energy Management



FACULTY PROFILE

S. No.	Name of the faculty member	Designation	Qualification	Specialization
1	Dr. Sanjeev Anand	Assistant Professor	Ph.D.	Refrigeration and Air conditioning, Exergy analysis
2	Dr. Vineet Veer Tyagi	Assistant Professor	Ph.D.	PCM materials, BIPV technologies

PROGRAMMES OFFERED & ENROLLMENT:

B.Tech.	M.Tech.
Not Offered	Energy Management (Part-Time)

DETAILS OF M.TECH. STUDENTS: NO**DETAILS OF RESEARCH SCHOLARS:**

Year 2014-15	Ph.D.		
	Male	Female	Total
Admitted 2014-15	-	-	-
Awarded 2014-15	-	-	-
Total presently under supervision	04	-	04

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

Resource Person	Theme of the Lecture	Date
Mr. K.R.SURI (Gen. Manager Retd.) Power Grid Corporation of India Limited	T&D losses Insulators Transformers Breakers	23 rd Feb`2015

DEGREE AWARDEES:

B.Tech	M.Tech	M.Sc.	Ph.D.
None	None	None	None

RESEARCH PROJECTS INITIATED & COMPLETED BY THE FACULTY:

Title of the Project	Funding agency	Amount sanctioned	Status/ Duration
Simulation and performance evaluation of Hybrid Refrigeration system for simultaneous heating and cooling applications	Council of Scientific and Industrial Research (CSIR), New Delhi	Rs.6.13 Lakh	Completed 2 years

NEW COLLABORATIVE RESEARCH PROGRAMMES UNDERTAKEN:

RESEARCH PUBLICATIONS

1. Anand, S., Gupta, A., Tyagi, S.K., (2014) Exergetic Analysis and Assessment of Hybrid Refrigeration System for Dairy Applications. *International Journal of Air-Conditioning and Refrigeration* 22 (4):1450021(1-13). (SCI, IF = 2.3717)
2. Gupta, A., Anand, Y., Anand, S., Tyagi, S. K., (2014) An Exergetic based Assessment of Biogas as an Energy Source in a Hybrid Refrigeration System. *Journal of Refrigeration Air Conditioning, Heating and Ventilation* (2014) 1(2):31-40.
3. Anand, Y., Gupta, A., Maini, A., Sharma, A., Gupta, S., Sharma, S., Khajuria, A., Gupta, A., Anand, S., Tyagi, S.K., (2014) Comparative thermal analysis of different cool roof materials for minimizing building energy consumption. *Journal of Engineering* (Article ID 685640, 9 pages) DOI: <http://dx.doi.org/10.1155/2014/685640>. (SCI)
4. Anand, S., Gupta, A., Tyagi, S.K., (2015) Solar Cooling Systems for Climate Change Mitigation: A Review. *Renewable and Sustainable Energy Reviews* 41:143-161. (SCI, IF = 5.901)
5. Gupta, A., Anand, Y., Anand, S., Tyagi, S. K., (2015) Thermodynamic optimization and chemical exergy quantification for absorption based refrigeration system. *Journal of Thermal Analysis and Calorimetry* doi:10.1007/s10973-015-4795-6 (in Press). (SCI, IF = 2.042)
6. Anand, Y., Gupta, A., Anand, S., S. K. Tyagi, (2015) Building envelope performance with different insulating materials – An exergy approach. *Journal of Thermal Engineering* 1(4):433-439. DOI: [http://eds.yildiz.edu.tr/journal-of-](http://eds.yildiz.edu.tr/journal-of-thermal-engineering/Articles)

[thermal-engineering/Articles](http://eds.yildiz.edu.tr/journal-of-thermal-engineering/Articles). (SCI)

7. Suri, K.R., Gupta, A., Anand, Y., Anand, S., (2015) Porcelain versus Polymer Insulator- A Changing Era in Transmission Lines. *International Journal of Advance Research and Innovation* 3(2):502-506.

Conferences/Workshops/Short term Courses Attended

1. Anand, S., Gupta, A., Tyagi, S.K., (2014) An Exergetic Analysis and Assessment of Biogas as an Energy Source in a Hybrid Refrigeration System. *International Conference on Environmental Technology and Sustainable Development: Challenges & Remedies* organized by Department of Environmental Science, Baba Saheb Bhim Rao Ambedkar University (A Central University), Lucknow, Uttar Pradesh on 21st-23rd February, 2014.
2. Anand, Y., Anand, S., (2014) Building Energy Simulation for Sustainable Built Environment. In: *Proceedings of the 3rd IET International Conference on Clean Energy and Technology (CEAT'2014)*, Malaysia from 24th -26th Nov, 2014
3. Anand, Y., Kumar, K., Anand, S., (2014) TRNSYS based analysis of heliothermic process for Sustainable Building. In: *Proceedings of the ICORE (International Congress on Renewable Energy)* from 8th-9th Dec, 2014
4. Anand, S., Kumar, K.L., Baranwal, R., Nirral, C., Yadav, S.K., Kumar, A., Kumar, S., (2015) Energy Requirements of the Rural Area in Katra. A Typical Case Study. In: *Proceedings of National Conference on Emerging and Innovative Trends in Engineering Technology* organized on 9th -10th January, 2015 at Government College of Engineering and Technology, Chak Bhalwal, Jammu.
5. Paliwal, M., Anand, Y., Anand, S., (2015)

- Kinematics and Dynamics Analysis of Puma-560 Robotic Configuration Using MATLAB Software. In: Proceedings of National Conference on Emerging and Innovative Trends in Engineering Technology organized on 9th -10th January, 2015 at Government College of Engineering and Technology, Chak Bhalwal, Jammu.
6. Gupta, A., Anand, S., Tyagi, S.K., (2015) Sizing of Solar Collector for 1 TR Single-Effect Ammonia-Water Vapor Absorption Refrigeration System. Proceedings of National Conference on Emerging and Innovative Trends in Engineering Technology organized on 9th -10th January, 2015 at Government College of Engineering and Technology, Chak Bhalwal, Jammu
 7. Anand, S., Gupta, A., Anand, Y., Vashistha, A., Tyagi, S.K., (2015) Exergy and Exergoeconomic Performance Evaluation of Options for NH₃-H₂O Vapor absorption System. International Workshop on Building Development Divide for Inclusive Growth through Science Technology and Innovation (BRIDGES-2015) by DST-Centre for Policy Research, Baba Saheb Bhim Rao Ambedkar University (A Central University), Lucknow, Uttar Pradesh on 16th -17th January, 2015.
 8. Anand, Y., Gupta, A., Palliwal, M., Anand, S., Tyagi, S.K., (2015) Building Energy Simulation for Improved Thermal Performance: A CFD Approach. International Workshop on Building Development Divide for Inclusive Growth through Science Technology and Innovation (BRIDGES-2015) by DST-Centre for Policy Research, Baba Saheb Bhim Rao Ambedkar University (A Central University), Lucknow, Uttar Pradesh on 16-17 January, 2015.
 9. Anand, S., Gupta, A., Anand, Y., Tyagi, V.V., Tyagi, S.K., (2015) Effect of the Operating Parameters on the Performance of Environmental Friendly NH₃-H₂O Vapor Absorption System. In: Proceedings of the International Conference on Advances in Power Generation from Renewable Energy Sources (APGRES'2015), held at Rajasthan Technical University, Kota, 15th -16th June, 2015.
 10. Tyagi V. V., Pathak V.V., Kothari R., Yadav B.C., Bandhu Y., Development in Renewable Energy Scenario in Indian Context: Vision and Achievements, International Workshop on Building Development Divide for Inclusive Growth through Science Technology and Innovation (BRIDGES-2015) by DST-Centre for Policy Research, Baba Saheb Bhim Rao Ambedkar University (A Central University), Lucknow, Uttar Pradesh on 16th -17th January, 2015.
 11. Dr. Sanjeev Anand attended Refresher course in Environment Sciences (ID) conducted by Academic Staff College, University of Jammu from 23rd Feb, 2015 to 16th Mar, 2015



School of Mechanical Engineering

FACULTY PROFILE

S. No.	Name of the faculty member	Designation	Qualification	Specialization
1	Dr. Ankush Anand	Assistant Professor	Ph. D.	Design & Tribology
2	Mr. Yatheshth Anand	Assistant Professor	M.Tech. Pursuing Ph.D.	Building Simulation
3	Mr. Balbir Singh	Assistant Professor	M.Tech. Pursuing Ph.D.	Production Engineering
4	Mr. Sanjay Mohan Sharma	Assistant Professor	M.Tech. Pursuing Ph.D.	Tribology
5	Mr. Varun Dutta	Assistant Professor	M.Tech.	System Design
6	Mr. Sanjay Sharma	Assistant Professor	M.Tech, Pursuing Ph.D.	Thermal Engineering
7	Mr. Mir Irfan UIHaq	Assistant Professor	M.Tech.	System Design
8	Mr. Kapil Chopra	Assistant Professor	M.Tech. Pursuing Ph.D.	Refrigeration & Air Conditioning
9	Mr. AzherJameel	Assistant Professor	M.Tech. Pursuing Ph.D.	CAD/CAM, Robotics
10	Mr. Rajeev Kumar	Assistant Professor	M.Tech.	Industrial Production
11	Mr. Amit K. Sinha	Assistant Professor	M.S.	Human & Systems Engg.
12	Mr. Ankush Raina	Assistant Professor	M.Tech.	Mechanical Systems Design

PROGRAMMES OFFERED & ENROLLMENT:

B.Tech.	M.Tech.
60	18

DETAILS OF B.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	51	0	51

DETAILS OF M.TECH. STUDENTS:

Batch	Admitted Students		
	Male	Female	Total
2014 Entry	10	0	10

DETAILS OF RESEARCH SCHOLARS:

Year 2014-15	Ph.D.		
	Male	Female	Total
Admitted 2014-15	-	-	-
Awarded 2014-15	-	-	-
Total presently under supervision	03	-	03

EXTENSION LECTURES DELIVERED BY OUTSIDE EXPERTS IN THE SCHOOL:

Resource Person	Theme of the Lecture	Date
Dr. I.V Singh, Associate Professor, IIT Roorkee	Fracture and Fatigue Analysis using Numerical Methods	3 rd Nov 2014

DEGREE AWARDEES:

B.Tech	M.Tech	Ph.D.
60	No	No

Names of Ph.D. Degree Awardees: **No**

NEW COLLABORATIVE RESEARCH PROGRAMMES UNDERTAKEN: NO**RESEARCH PUBLICATIONS**

- Singh Balbir, Experimental Investigation on Surface Characteristics in Powder-Mixed Electrodischarge Machining of AA6061/10%SiC Composite Volume 29 : 287–297, 2014 Materials and Manufacturing Processes, (Taylor & Francis, SCIE, Impact factor= 1.486)
- Singh Balbir, Influences of Process Parameters on MRR Improvement in Simple and Powder Mixed EDM of AA6061/10%SiC Volume 30: 303-312, Materials and Manufacturing Processes, (Taylor & Francis, SCIE, Impact factor = 1.486)
- Singh Balbir, Investigation of the Tool Wear Rate in Tungsten Powder-Mixed Electric Discharge Machining of AA6061/10%SiCp Composite, Materials and Manufacturing Processes, (Taylor & Francis, SCIE, Impact factor= 1.486)
- Singh Balbir, Optimization and surface modification in electrical discharge machining of AA 6061/SiCp composite using CU-W electrode, 2015, Proc I MechE Part L: Journal of Materials: Design and Applications, SAGE, Impact factor= 0.672
- Singh Balbir, Optimization of Machining Parameters in Turning Operation of EN13 Steel using Response Surface, 2015, International Journal of Engineering Technology, Management and Applied Sciences Volume 3 Special Issue, ISSN 2349-4476
- Anand Yatheshth, An Absorption Chiller System using Lithium Bromide and Water as Working Fluids: Exergy Analysis, 2014, Vol. 120, pt. 2 (D-SE-14-019)
- Anand Yatheshth, Thermodynamic optimization and chemical exergy quantification for absorption based refrigeration system, Journal of Thermal Analysis and Calorimetry, 2015.
- Anand Yatheshth, Building envelope performance with different insulating

- materials – An exergy approach; Journal of Thermal Engineering; Vol. 1, Special Issue No. 4, pp. 433-439, October, 2015,
9. Anand Yatheshth, Porcelain versus Polymer Insulator- A Changing Era in Transmission Lines.” International Journal of Advance Research and Innovation ,(2015) 3(2):502-506
 10. Anand Yatheshth, An exergetic based assessment of biogas as an energy source in a hybrid refrigeration system; International Journal of Refrigeration Air Conditioning Heating and Ventilation , (2014) 1(2):31-40
 11. Anand Yatheshth, Comparative thermal analysis of different cool roof materials for minimizing building energy consumption”, Journal of Engineering, 2014, Article ID 685640.
 12. Sinha Amit Kumar, Anand Ankush, Responsive supply chain: modeling and simulation; Management Science Letters, 2015, 5 (6), 639-650
 13. Jameel Azher, Fatigue Crack Growth in Presence of Material Discontinuities by EFGM, International Journal of Fatigue, 2015, Vol. 81, pp. 105–116 (Elsevier, SCI, Impact factor =2.929)
 14. Jameel Azher, A Comparative Study of XFEM and EFGM in Solving Frictional Contact, International Journal of Engineering and Advanced Technology, 2014, Vol. 3, Issue: 4, pp. 324–331.
 15. Sharma Sanjay Mohan, Some Investigations On Low Back Pain Amongst Workers Involved In Lifting Tasks, 2014, International Journal of Procurement Management
 16. Jameel Azher, Large Sliding Frictional Contact Problems by a Penalty Based Approach, International Journal of Innovative Technology and Exploring Engineering, 2014, Vol. 3, Issue: 12, pp. 46–55
 17. Sharma Sanjay, Comparative Study of Thermal Efficiency of Artificially roughened Solar Air Heater, Journal of Energy Research and Environmental Technology, Volume 1/Number 1/November, 2014 /pp. 26-32
 18. Ul Haq Mir Irfan, Lightweight Materials for Automotive Body and Chassis – A Review, Journal of Basic and Applied Research, 2015
 19. Chopra Kapil, Thermodynamic Analyses Of Multiple Evaporators Vapor Compression Refrigeration Systems With R410a, R290, R1234yf, R502, R404a, R152a And R134a; International Journal of Air-Conditioning and Refrigeration, 2014, 22, 1-14
 20. Chopra Kapil, Energy, Exergy And Sustainability Analysis Of Two-Stage Vapour Compression Refrigeration System; Journal of Thermal Engineering, 2015, 4, 440-4445
 21. Chopra Kapil, Methods for Improving First and Second Law Efficiencies of Vapour Compression Refrigeration Systems Using Flash-Intercooler with Ecofriendly Refrigerants; International Journal of Advance Research and Innovation, 2014, 2, 50-64.
- Conferences/Workshops/Short term Courses Attended:**
1. Anand Yatheshth, Kinematics and Dynamics Analysis of Puma-560 Robotic Configuration using MATLAB Software, Proceedings of the 2nd National Conference and Exhibition on Emerging and Innovative Trends in Engineering Technology (NCEEITET-2014) GCET, Jammu held from 9th -10th Jan, 2015
 2. Anand Yatheshth, Effect of operating parameters on the performance of environmental friendly NH₃-H₂O vapour absorption system; Pages: 137-147,

- International conference on Advances in power generation from renewable energy sources (APGRES 2015), Rajasthan Technical University, Kota, India-324010
3. Anand Yatheshth Building energy simulation for improved thermal performance: A CFD approach, Proceedings of International Workshop BRIDGS 2015, 16th -17th Jan, 2015
 4. Anand Yatheshth, Building envelope simulation for sustainable built environment, Proceedings of the 3rd IET International Conference on Clean Energy and Technology (CEAT 2014), Sarawak, Malaysia, held from 24th – 26th Nov. 2014
 5. Yatheshth Anand, TRNSYS based analysis of heliothermic processes for sustainable building, Proceedings of the ICORE (International Congress on Renewable Energy) 2014, held on 8th - 9th Dec, 2014, at Manek Shaw Centre, New Delhi.
 6. Singh Balbir, Investigating the influenceing process parameters in conventional Turning of AISI 1020 carbon steel using Taguchi approach December 20 - 21, 2014 (ICNDME-2014), International Conference on Newest Drifts in Mechanical Engineering, Deptt. of Mechanical Engg., MM University, Mullana, Ambala, Haryana.
 7. Singh Balbir & Sharma Sanjay Mohan, A study of latest trends in Hybrid Electro Chemical Machining Process-Review” December 20th-21st, 2014 (ICNDME-2014), International Conference on Newest Drifts in Mechanical Engineering, Deptt. of Mechanical Engg., MM University, Mullana, Ambala, Haryana.
 8. Singh Balbir & Sharma Sanjay Mohan, Study of Various Challenges in Machinability of Hard Mateials using Abrasive Jet Machining” 20th-21st December, 2014 (ICNDME-2014), International Conference on Newest Drifts in Mechanical Engineering, Deptt. of Mechanical Engg., MM University, Mullana, Ambala, Haryana
 9. Singh, Balbir Study of Various challenges in Submerged Arc Welding- Review” 20th-21st December, 2014 (ICNDME-2014), International Conference on Newest Drifts in Mechanical Engineering, Deptt. of Mechanical Engg., MM University, Mullana, Ambala, Haryana
 10. Singh Balbir & Sharma Sanjay Mohan, Metal Matrix Composites and their fabrication routes- A Review”, 20th - 21st December, 2014 (ICNDME-2014), International Conference on Newest Drifts in Mechanical Engineering, Deptt. of Mechanical Engg., MM University, Mullana, Ambala, Haryana
 11. Dutta Varun, Fretting Wear Behaviours of Bonded Solid Lubricant Coatings : A Review , 2014, International Conference on Newest Drifts in Mechanical Engineering
 12. Sharma Sanjay, Comparative Study of Thermal Efficiency of Artificially Roughened Solar Air Heater; 23rd - 24th August, 2014, 5th International conference On “Innovative Trends in Mechanical, Material, Manufacturing, Automobile, Aeronautical Engineering and Applied Physics” (ITMAEAP-2014), Jawaharlal Nehru University, New Delhi
 13. Jameel Azher, Modeling and Simulation of Large Deformation Bi-material Problems Using EFGM, INROADS, 2014, Vol. 3, No. 1, pp. 48–53, Jaipur National University
 14. Jameel Azher, EFGM Simulation of Large Sliding Frictional Contact Problems 59-istam-sm-fp-16, pp. 1–7, Indian Society of Theoretical and Applied Mechanics (ISTAM), 2014,
 15. Jameel Azher, Modeling and Simulation of Fatigue Crack Growth Using XFEM,

- Indian Society of Theoretical and Applied Mechanics (ISTAM), 2014, IIT Kharagpur, 59-istam-sm-fp-163, pp. 1–8
16. Raina Ankush , Theoretical and CFD analysis of helium Dewar Neck, National Conference on Mechanical Engineering 2014, Punjab
 17. Raina Ankush , Assessment of Cryogenic Grinding using Liquid nitrogen as coolant, National Conference on Mechanical Engineering, 2014, Punjab
 18. Ul-Haq Mir Irfan, Geometry Optimization of Automobile Chassis-A Review, International Conference on Mechanical Engineering, JNU New Delhi, 2015.
 19. Ul-Haq Mir Irfan, Study of Mechanical and Tribological Properties of Aluminium Based Ceramics- A Review, International Conference on Newest Drifts in Mechanical Engineering, M. M. University, Mullana Ambala, 2014
 20. Anand Ankush attended Refresher Course in Experimental Physics, Sponsored by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and National Academy of Sciences and NAS from 10th -25th Dec, 2015
 21. Anand Ankush attended STC on Advance materials characterization under TEQI from 12th to 14th May, 2015
 22. Singh Balbir attended STC on Advance materials characterization under TEQI from 12th - 14th May, 2015
 23. Sharma Sanjay Mohan attended a Refresher Course in Experimental Physics, Sponsored by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and National Academy of Sciences and NAS 10th to 25th Dec, 2015
 24. Sharma Sanjay Mohan attended a UGC sponsored Refresher Course in University of Kashmir from 25th May, 2015 to 16th June, 2015
 25. Sharma Sanjay attended a UGC sponsored Refresher Course in University of Kashmir from 25th May, 2015 to 16th June, 2015
 26. Dutta Varun attended a UGC sponsored Refresher Course in University of Kashmir from 25th May, 2015 to 16th June, 2015
 27. Atri Rajiv Kumar attended a UGC sponsored Orientation Course in Kurukshetra University from 3rd to 30th June, 2015
 28. Ul-Haq Mir Irfan attended a Refresher Course in Experimental Physics, Sponsored by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and National Academy of Sciences and NAS from 10th to 25th Dec, 2015

**C o n f e r e n c e s / S e m i n a r s
/Workshops/FDPs/MDPs Organized: No**

Ph.D. Guided : 02 ongoing