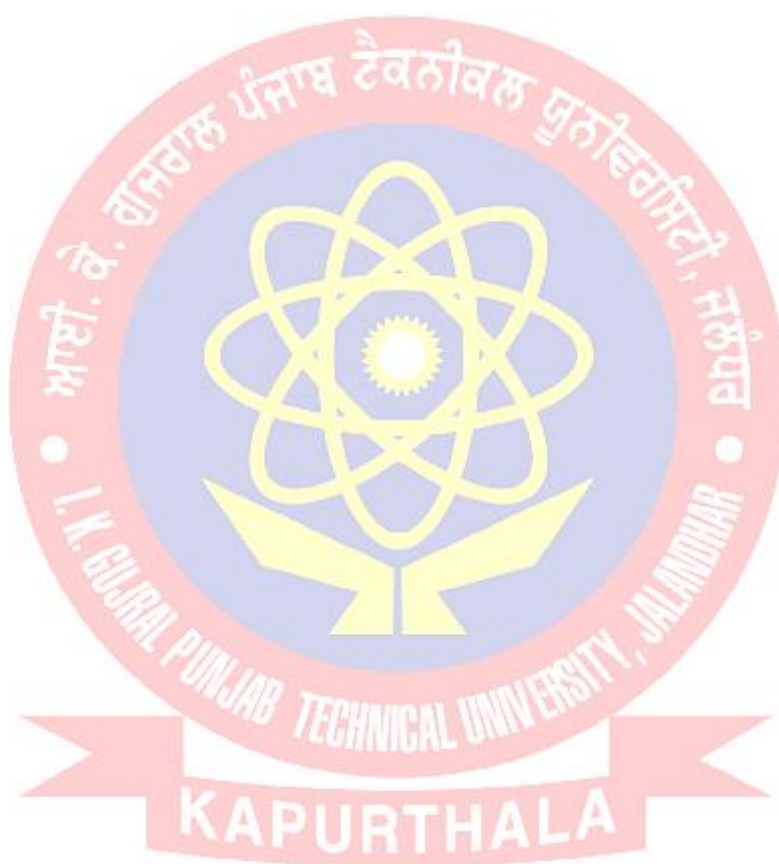



### 6.3.3

**Professional Development / Administrative Training Programmes organized for Teaching and Non-Teaching staff.**




### 6.3.3 List of participants for FDP on Surface Engineering and Material Characterization

Sr. No.	Name
1	Gursharan Singh
2	Mohd Shadab Ansari
3	Dr Jujhar Singh
4	Dr Vivek Aggarwal
5	Abhishek
6	Abhinav Sharma
7	Avtar Singh
8	Arun Sharma
9	Simranpreet Singh Gill
10	Dr Hitesh Vasudev
11	Dhanavar Singh Sahota
12	Naveen Dogra
13	Dr Amit Bansal
14	Jaswinder Singh
15	Paramjit Singh
16	Harsh Kumar
17	Tajinder Singh
18	Ajay Pal Singh
19	Divya Bharti
20	Jaspreet Kaur
21	Dr Barinderjit Singh
22	Sheetal Soda
23	Tarish Mittal
24	Sandeep Verma
25	Ramandeep Kaur
26	Amoljit Singh Gill
27	Talwinder Singh
28	Navdeep Singh
29	Parampreet Kaur
30	Varun Kumar
31	Reetu
32	Mandeep Kuar

  
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Sr. No.	Name
33	Meenakshi Sansoy
34	Sahil Sharma
35	Jagdeep Singh
36	Dr Varinderjit Singh
37	Dr Dalveer Kaur
38	Dr Avtar Singh Buttar
39	Navneet Kaur
40	Supinder Kaur
41	Monika Rani
42	Supinder Kaur
43	Sonali Sangral
44	Rabia
45	Zahid Fezal Choudhary
46	Sahil Nazir Potttoo
47	Mohammad Asif
48	Chandanpreet Kaur

  
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EVENTS DURING FDP ON SURFACE ENGINEERING AND MATERIALS CHARACTERISATION							
09-12-19	09:30-11:00 Registration and Inauguration Dr. Anil Bansal	11:00-11:30 Tea Break	11:30-13:00 Dr. Salya Prakash	13:00-14:00 Lunch	14:00-15:30 Dr. Neel Kanth Grover	15:30-16:00 Tea Break	16:00-17:00 Dr. Manoj Mittal
10-12-19			Dr. Balwinder Singh	Lunch	Dr. Bala Singh	Tea Break	Dr. Manoj Mittal
11-12-19	Bus for IIT RPR is scheduled to start at 07:00 hr from Our Campus and will start at 17:00 hrs from IIT RPR for return journey to IKGPTU						
12-12-19	Dr. Vivek Aggarwal	Tea Break	Dr. Sahajpal Singh	Lunch	Dr. M.K. Kushwaha	Tea Break	Dr. Manoj Mittal
13-12-19	Dr. Jyoti Singh	Tea Break	Dr. AS Walla	Lunch	Dr. Pradeep Kumar	Tea Break	Valedictory

*Manoj Mittal*

Dr. Manoj Mittal  
AP, Department of Mechanical Engineering  
IKG PTU Jalandhar

REPORT: The one week FDP entitled **Surface Engineering & Material Characterization** was sponsored by AICTE & IKGPTU jointly and held during 09/12/2019-13/12/2019. More than 45 Participants including faculty of Engineering Colleges, Research Scholars and PG students participated and enhances their skills relating to the Surface characterisation. Experts from various institutes with expertise in the field and from the faculty of engineering shared their views. A visit to IIT Ropar also organised as the part of the said program.

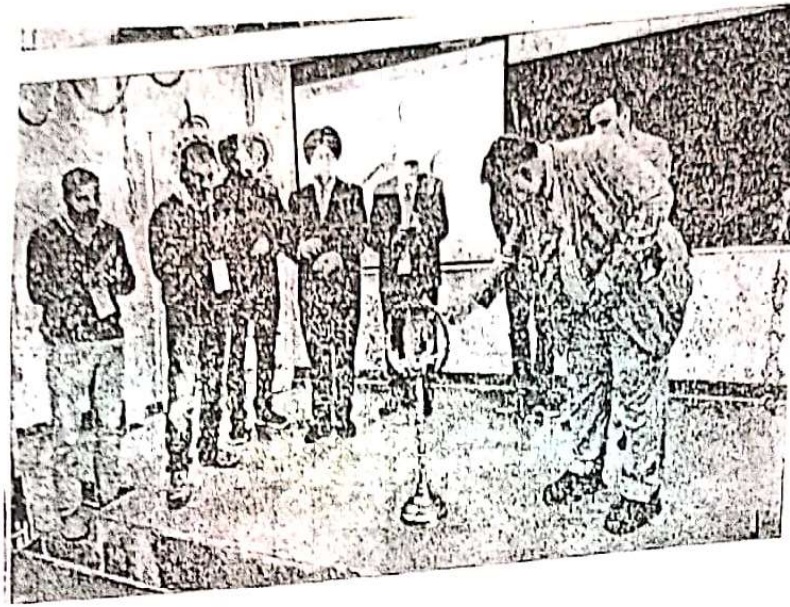


Figure 1: Inauguration of FDP on 09.12.2019 by then Director Dr. Y.S Brar, Professor & HOD, ME Dr. Neel Kanth Grover and Faculty of Department of Mechanical Engineering.

*Dr. Manoj Mittal*

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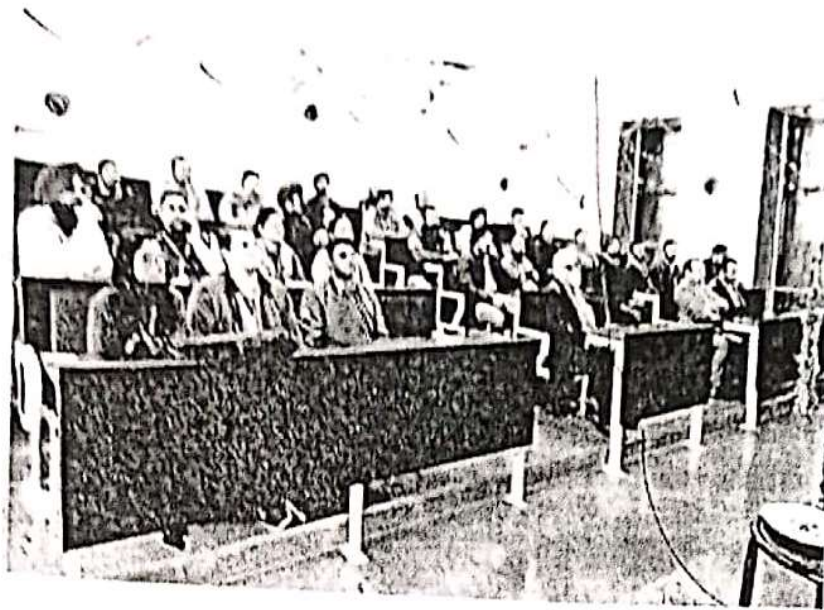
**Figure 2: Inauguration of FDP on 09.12.2019 in the presence of Dr. Satya Prakash former Professor & Head , Department of Materials & Metallurgical Engineering, IIT Roorkee, Roorkee**

  
H.K.G. P.T.D.  
Kapurthala

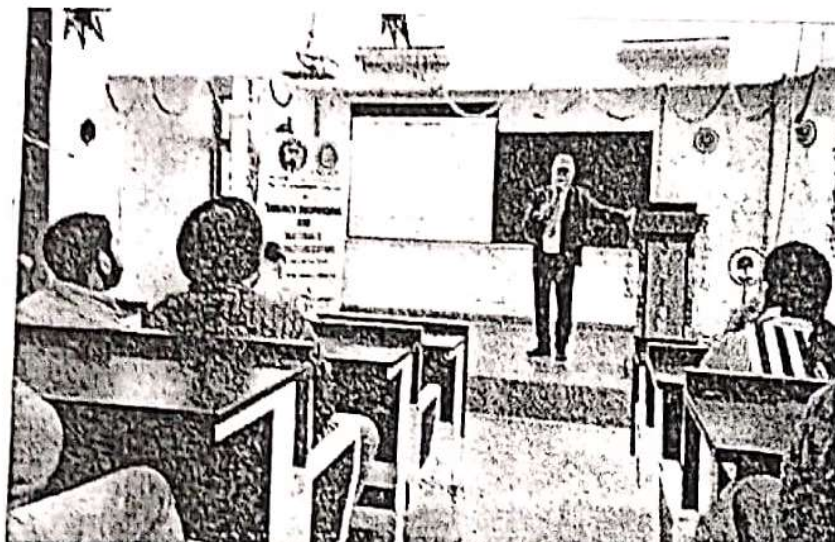


**Figure 5: Distribution of Certificate of Participation to the participants by Dr. Neel Kanth Grover & Dr. Y.S Brar on 13.12.2019**

  
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**Figure 3: Participants Present in the FDP on 10.12.2019**



**Figure 4: Key Note Addressed by Dr. Satya Prakash on Inaugral day 09.12.2019**

*[Signature]*  
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**Figure 5: Distribution of Certificate of Participation to the participants by Dr. Neel Kanth Grover & Dr. Y.S Brar on 13.12.2019**

*QV*

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Sr. No.	Roll No.	Name of Participant
1	1731930	Aashu Sharma
2	1731931	Abhishek Sharma
3	1731932	Ajaypal Singh
4	1731935	Dheeraj Kumar
5	1731936	Gurinder Singh
6	1731937	Inderjot Singh
7	1731939	Kamal Preet Singh
8	1731940	Kapil Kumar Kapoor
9	1731941	Karan Kumar
10	1731942	Karan Yadav
11	1731943	Kaushal Choudary
12	1731944	Mandeep Kumar
13	1731945	Manpreet Singh
14	1731948	Rana Divya Saurabh
15	1731949	Rohit
16	1731950	Rudra nandan Shukla
17	1731951	Rudra Pratap Singh
18	1731952	Sajan
19	1731953	Saksham Chandel
20	1731954	Saras
21	1731955	Shivam
22	1731956	Sukhwinder Singh
23	1731957	Sumit Kumar
24	1731958	Vinay Kumar
25	1818736	Simranjit Singh Dehal
26	1818737	Sukhwinder Singh
27	1833788	Sumit Rai
28	1633966	Abhishek Kumar
29	1633967	Abhishek Kumar Pandey
30	1633969	Anantvir Singh
31	1633971	Bikramjit Singh
32	1633972	Bilawal Bashir
33	1633973	Gaurav
34	1633977	Himanshu Bhaskar
35	1633978	Marif Manzoor
36	1633982	Prabhjot Singh
37	1633983	Prashant Veer
38	1633984	Princedeep Singh
39	1633985	Punit Singh
40	1633986	Rajan Singh
41	1633988	Sartaj Singh
42	1633989	Sharan Singh
43	1633990	Shreyansh Kaushik
44	1633991	Shubham Koundal
45	1633992	Sidhant Rana
46	1633993	Sourav Saini
47	1633994	Tenish Bhagat
48	1633995	Veer Vikram Singh Saini
49	1633996	Vishavjit Singh
50	1633997	Vivesh Dadwal

  
 Head of Institute, JEC  
 1731930, 1731931, 1731932, 1731935, 1731936, 1731937, 1731939, 1731940, 1731941, 1731942, 1731943, 1731944, 1731945, 1731948, 1731949, 1731950, 1731951, 1731952, 1731953, 1731954, 1731955, 1731956, 1731957, 1731958, 1818736, 1818737, 1833788, 1633966, 1633967, 1633969, 1633971, 1633972, 1633973, 1633977, 1633978, 1633982, 1633983, 1633984, 1633985, 1633986, 1633988, 1633989, 1633990, 1633991, 1633992, 1633993, 1633994, 1633995, 1633996, 1633997  
 Kapil, India

### 6.3.3 List of participants for FDP on surface engineering and material characterization

S.No.	Name
1	Neel Kanth Grover
2	Manoj Mittal
3	Jujhar Singh
4	Amoljit Singh Gill
5	Deepika Bhalla
6	Gagandeep Kaur
7	AVTAR SINGH BUTTAR
8	DALVEER KAUR
9	RAKESH GOYAL
10	Satvir Singh
11	Sukkhminderbir Singh Kalsi
12	Prabhkiran Kaur
13	Rajneesh Sachdev
14	Shabir Sidhu
15	Barinderjit Singh
16	DINESH GUPTA
17	Vikramjeet Singh
18	NAVEEN SHARMA
19	Priyanka Mahajan
20	Monika Sachdeva
21	Rajiv Chauhan
22	Harpreet Kaur

  
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S.No.	Name
23	Gurjinder Singh
24	Rajesh Narula
25	Varinderjit Singh
26	Akhil Gupta
27	Megha Goyal
28	Ashish Arora
29	Amit Gupta
30	Pooja
31	Anshu Bhasin
32	Vivek Aggarwal
33	Deepak Kumar Goyal
34	Roopa
35	Gaurav Bhargava
36	Reshu Sanan
37	Vandana Naithani
38	Chander Prakash
39	Neel Kanth Grover
40	Rupesh Kumar
41	Ar. Md. Fuzail Jawaid



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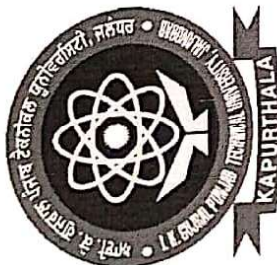
S.No.	Name
42	Amit Bansal
43	Gazal Sharma
44	Hitesh Sharma
45	Sanjeev Bansal



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**AICTE & IKGPTU-Sponsored National Level  
One Week Faculty Development Programme on  
SURFACE ENGINEERING & MATERIAL  
CHARACTERIZATION**

(December 7-12, 2019)



**IK Gujral Punjab Technical University Jalandhar**  
Kapurthala-144603 (Punjab)

**Chief Patron**

Prof. (Dr.) Ajay Kumar Sharma,  
Vice-Chancellor

**Patron**

Dr. Yadwinder Singh Brar,  
Director

**Mentor**

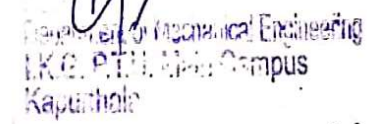
Dr. Neel Kanth Grover, Head,  
Department of Mechanical Engineering

**Programme Coordinator**

Dr. Manoj Mittal, Assistant Professor  
Department of Mechanical Engineering  
[manojmittal74@gmail.com](mailto:manojmittal74@gmail.com)

**Programme Co-coordinator**

Dr. Amit Bansal, Assistant Professor  
Department of Mechanical Engineering  
[amit.bansal1978@gmail.com](mailto:amit.bansal1978@gmail.com) (8289000931)



**INSTRUCTIONS**

Interested Faculty from AICTE approved Institutes can apply online at <http://data.ptu.ac.in> and take print of Application.

Application Forms duly signed by the head of the Institute should reach before 30-11-2019.

No TA/DA will be given to the participants. However, free boarding and lodging will be provided in Hostels.

**OBJECTIVES AND SCOPE**

Surface engineering is one of the most widely used techniques to modify the surface properties of material. The objective of this course is to introduce various surface engineering techniques (thermal spray, microwave cladding and weld overlay) for protecting surfaces for industrial applications such as gas turbines, IC engines (automobiles), boilers and several other engineering components. There will be an interactive session based on real life case studies that will illustrate the potential of various surface engineering techniques.

Further the various advance characterization techniques like FESEM, HRTEM, AFM, Powdered XRD, Single crystal crystallography, Solid state NMR will also be discussed in this workshop. The knowledge about various material characterization is necessary before the findings/investigations could be published in reputed journals.

The Resource persons for the course will be highly experienced faculty members from reputed Institutes like IITs, NITs, Central and State Universities, CSIR Laboratories, IISERs, amongst others.

**ABOUT UNIVERSITY, INSTITUTE AND DEPARTMENT**

The University was established as Punjab Technical University Jalandhar in 1997 to cater increasing demand of Graduate level Engineering Institutes in State of Punjab. Subsequently, in 2015 this university is renamed as I.K. Gujral Punjab Technical University Jalandhar by Government of Punjab. Late Sh. Inder Kumar Gujral, Former Prime Minister of India.

Under able guidance of Prof. (Dr.) Ajay Kumar Sharma (Vice Chancellor), the university has attained a new high by getting 96<sup>th</sup> position in Top one hundred Universities in 2019 NIRF India Ranking and 3<sup>rd</sup> in Punjab after Indian Institute of Technology Ropar, Roopnagar & TIET Patiala. University has two auditoriums with seating capacity of 800 and 200, open gymnasiums and transport. The university has State-of-the-art infrastructure spread over 78 acres of land with 24x7 Security.

Since 2016 onwards university has started UG program (Bach. degree programmes in:

- Computer Science & Engineering
- Computer Engineering
- Civil Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Mechanical Engineering
- Software Engineering

Under the command of Dr. Y. S. Brar (Director) the institute is growing at a very fast pace.

Department of Mechanical Engineering has been established in 2016 when University started its own teaching campus. The faculty of the department is mixture of qualified young and experienced members. Faculty of the department has their expertise in thermal engineering, fluid mechanics, thermal spray coatings, bio-ceramic coatings, non-conventional machining processes. Currently Department is headed by Dr. Neel Kanth Grover, who has vast experience of about twenty five year of teaching UG, PG and research.

**APPLICATION**

Application form printed after registering at <http://data.ptu.ac.in> (duly signed and forwarded) must reach before 30-11-2019 at following address:

Dr. Amit Bansal, Assistant Professor

Contact No.: 8289000931, 9465884874

Department of Mechanical Engineering

IK Gujral Punjab Technical University

Kapurthala-Jalandhar Highway, Kapurthala-144603, PB