

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

Capacity Development and Skills Enhancement Initiatives



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

Capacity Development and Skills Enhancement Initiatives



2016-2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

Capacity Development and Skills Enhancement Initiatives

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INTERNAL QUALITY ASSURANCE CELL

**CAPACITY DEVELOPMENT AND SKILLS
ENHANCEMENT INITIATIVES**

List of Capacity development and skills enhancement initiatives

Sr. No	Event	Date
1	Expert lecture on history of architecture	30.10.2020
2	Expert lecture on project planning and DPR	09.11.2020
3	Expert lecture on architecture design of primary school	15.12.2020
4	Expert lecture on sensors technology	22-26.02.2021
5	AICTE sponsored online one week short term training course on wireless sensor networks	17-23.01.2021
6	Poster making competition on road safety	05.02.2020
7	Expert lecture on new emerging it technologies by Sachtech Solution, Mohali	17.03.2021
8	Expert lecture on technologies available in CSE, Mr. Ashok Khaira, Softwizz Bathinda	26.02.2021
9	Expert lecture on technology in demand for CSE candidates by Er. Mohit, ibyes academy, Bathinda	25.02.2021
10	Expert lecture on machine learning	24.02.2021
11	Swachh bharat mission Gramin-Gandagi Mukht Bharat campaign.	13.08.2020
12	Expert lecture on Numpy and pandas	18.03.2.21
13	Expert lecture on plagiarism tools for Punjabi and Hindi language using python	17.03.2021
14	Expert lecture on data extraction using python	16.03.2021
15	Expert lecture on orange - tool for visualization and optimization	18.03.2021
16	Expert lecture on lists, tuples and dictionaries	18.03.2021
17	Expert lecture on web designing using python	19.03.2021
18	Expert lecture on control statements and functions in python	16.03.2021
19	Expert lecture on oops concepts using python	19.03.2021
20	Expert lecture on data visualization using matplotlib and seaborn	20.03.2021
21	Expert lecture on data structures in python	15.03.2021
22	Expert lecture on basics of python	16.03.2021
23	Expert lecture on data structures in python	17.03.2021
24	Expert lecture on syntax variable declaration, arithmetic operators, logical operators, decision statements, loops, functions, strings and list	19.03.2021
25	Expert lecture on introduction to python programming	15.03.2021
26	Expert lecture on control statements and functions in python	17.03.2021
27	Expert lecture on python and AI	10.03.2021
28	One day webinar on awareness for entrepreneurship	31.03.2021
29	Liquid chromatography, gas chromatography & elemental spectroscopy webinar	17.06.2021
30	Expert lecture on characterization of food, beverages and pharmaceutical samples through rheology, particle size and bet surface area	17.06.2021
31	Expert lecture on Industry 4.0	11.02.2021
32	Expert lecture on research methodology	12.02.2021
33	Expert lecture on how to write a research paper	12.02.2021
34	Expert lecture on Genetic Algorithm in MATLAB.	12.02.2021
35	Expert lecture on research and strategy in supply chain management	13.02.2021
36	Expert lecture on microfluidic devices	13.02.2021
37	Expert lecture on sustainable composite manufacturing: a manufacturing perspective	29.01.2021
38	Expert lecture on sustainable manufacturing	30.01.2021
39	Expert lecture on hybrid manufacturing	30.01.2021
40	Expert lecture on what is quality research? Creating a research culture	08.02.2021
41	Expert lecture on research trends in additive manufacturing	09.02.2021

42	Expert lecture on new education policy	09.02.2021
43	Expert lecture on research possibilities in clean and green manufacturing.	09.02.2021
44	Expert lecture on research feasibility in welding	10.02.2021
45	Expert lecture on effective use of software for research writing	10.02.2021
46	Expert lecture on preparation of a research proposal and project execution.	10.02.2021
47	Expert lecture on NPTEL MOOCS: the way forward	11.02.2021
48	Expert lecture on research methodology	11.02.2021
49	Talk on knowing surface degradation and protective techniques	25.01.2021
50	Expert talk on design and development of submerged arc welding fluxes for welding of HSLA steels	26.01.2021
51	Expert lecture on CAD/CAM & its application	26.01.2021
52	Expert lecture on knowing the materials	26.01.2021
53	Expert lecture on correlations of properties in austenitic/ferritic dissimilar welded joints used in boilers.	27.01.2021
54	Expert lecture on additive manufacturing	27.01.2021
55	Expert lecture on erosion wear of hybrid metal matrix composites	27.01.2021
56	Expert talk on smart manufacturing	28.01.2021
57	Expert lecture on materials and methods used for producing ceramic shell investment casting	28.01.2021
58	Expert lecture on hybrid machining	28.01.2021
59	Expert lecture on friction stir welding and processing	29.01.2021
60	Expert lecture on importance of RCM for manufacturing industry	29.01.2021
61	Expert talk on laser machining	25.01.2021
62	Expert lecture on sustainable development in textile industry	23.07.2021
63	Expert lecture on modern techniques in fiber production technologies	29.12.2020
64	Expert lecture on sustainable technologies and environment	05.09.2021
65	Expert lecture on technical analysis - an analytical approach for stock market trading	28.10.2020
66	Expert lecture on various dimensions of human life in the context of education	05.11.2020
67	Microsoft excel spreadsheet	29.10.2020
68	Online workshop on BBA(RM) & MBA(RM) in collaboration with Mahatma Gandhi National Council of Rural Education (MGNCRE)	07.12.2020
69	Workshop on Bauhaus pedagogy	19.02.2020
70	Expert lecture on management techniques	16.07.2019
71	Expert lecture on urban planning, town planning	23.01.2020
72	One day workshop as a part of energy conservation week	17.12.2019
73	Webinar on "Retrofitting of old structures" conducted by department of civil engineering and Eduzphere	25.06.2020
74	Webinar on "value added cement based products" by JK Cement ltd.	10.06.2020
75	Webinar on world environment day	05.06.2020
76	Expert lecture on latest it and web applications	03.06.2019
77	Expert lecture on internet & networking trends	06.06.2019
78	Expert lecture on machine learning & blockchain	18.02.2020
79	Expert lecture on python programming	12.03.2020
80	Four day industrial visit (metro railway, depot control center, bits planetarium, AMPH)	16.10.2019
81	Inter- institutional science fair	14.11.2019
82	National Science day	13.03.2020
83	Blood donation camp	14.02.2020
84	Industrial visit to Sportking Industry Jeeda, Bti	04.09.2019
85	Expert talk on quality control in knitting industries	26.09.2019
86	Expert talk on shop floor management activities in knitting industries	26.09.2019

87	Organizing national level HR conclave	28.09.2019
88	Expert talk on financial modeling in MS-excel	29.04.2020 - 30.04.2020
89	Industrial visit to BSNL Exchange, Bathinda	18-06-2019
90	Workshop on visual communication-iii (computer software Revit)	20.08.2018 to 07.09.2018
91	Expert talk on arch. Design –v	17.10.2018
92	Expert lecture on major project for final year b. Arch 10th Semester	26.04.2019 & 27.04.2019
93	Expert talk on advanced construction management	07.03.2019
94	Expert talk on architectural design & professional practice	22.08.2018
95	Workshop on professional practice & construction management	31.01.2019 & 01.02.2019
96	Expert talk on freshmen department induction	29.08.2018
97	Workshop on architectural journalism	15.04.2019 to 16.04.2019
98	Expert talk on building economics	17.10.2018
99	Expert talk on professional practice in contemporary arch	07.03.2019
100	Expert talk on industrial design and automotive styling industry	21.05.2019
101	One day district level workshop-cum-exhibition of energy efficient building material/ appliances	20.02.2019
102	Expert talk on educational campus design	25.09.2018
103	Expert talk on extension lecture on spectroscopy	18.04.2019
104	Expert lecture by JK Cement Ltd. on "durability of concrete" for civil engineering students	27.02.2019
105	Annual techno-fest Sanrachna 2019 discover and develop	29.03.2019
106	Workshop on RDBMS technologies: SQL queries	23.08.2018
107	Expert talk on Swachh Bharat Abhiyan at Badal	22.06.2016
108	Industrial visit to Zasya solutions, Shimla and Oscitas web solutions, Chandigarh	29/03/2019-31/03/2019
109	Expert lecture on mobile applications	04..06.2019
110	Expert lecture on desktop application based on c#.net	18.03.2019
111	Expert lecture on recent trends in CSE.	15.04.2019
112	Workshop on android and other applications	27.02.2019
113	Expert talk on introduction to python programming	07.08.2018
114	Expert talk on cat preparation	30.08.2018
115	Workshop on IOT, android and other applications	25.02.2019 & 28.02.2019
116	Workshop on python	05.03.2019
117	Educational tour to Science City, Kapurthala	07.09.2018
118	Two day entrepreneurship awareness programme	30.08.2018
119	Workshop on android	7.11.2018
120	Expert talk on scope in networking fields for CSE students	21.08.2018
121	Industrial visit at Punjab communication limited, Mohali	24.09.2018
122	One day workshop by Truechip solutions Pvt. Ltd.	07.10.2018
123	Short term course on ,"system designing with smart controllers through ICT"	27.05.2019
124	One day workshop on MATLAB and Simulink, fuzzy logic and power toolbox	13.03.2019
125	Expert lecture on erection, construction and testing of 66 KV substation	18.03.2019
126	One day workshop on plc automation, ac drive and instrumentation	26.10.2018
127	Expert talk on radiation, safety and health effects	30.10.2018
128	Expert talk on analytical techniques in atomic and nuclear physics	05.09.2018
129	Industrial visit to Bhilwara, Ahmadabad	05.09.2018

130	Industrial visit to m/s Navpada Knitwears, ludhiana	10.04.2019
131	Industrial visit to Vardhman Polytex ltd, Bathinda	16.04.2019
132	Expert talk on personality development	8.10.2018
133	Expert talk on interview skills	20.07.2019
134	Workshop on python , android and other applications	25.02.2019 & 28.02.2019
135	Workshop on python programming	12.03.2019
136	Two days capacity building workshop on Punjab ECBC	15.02.2018 to 16.02.2018
137	Expert talk on architectural design	24.10.2017
138	Expert lecture on major project	22.04.2018 & 23.04.2018
139	Expert talk on architectural design	26.09.2017
140	Expert talk on UPVC windows	16.01.2018
141	Expert talk on career counseling and guidance	02.11.2017
142	Expert lecture on bio-organic & its importance	29.09.2017
143	Workshop on latest technologies and their scope	05.03.2018
144	Workshop in java, it's applications and future scope	01.03.2018
145	Two day workshop on contribution of institute for better employability	01.02.2018
146	Industrial visit to Netgen IT solutions, Shimla	04.10.2017
147	Industrial visit to Zasya Solutions, Shimla	06.10.2017
148	Celebration of International Yoga Day	21.06.2018
149	Industrial visit to semiconductor laboratory, Mohali	03.05.2018
150	Five day industrial visit (for the practical exposure and insight to the real working environment & basic concepts and fabrication procedure of power transformer	02.10.2017
151	Expert lecture series on power engineering	16.01.2018
152	Expert talk on energy harvesting: an emerging technology for self-powered autonomous systems	22.09.2017
153	Industrial visit to Yogendra woolens mills	21.09.2017
154	Industrial visit to Winsome, Baddi	22.09.2017
155	Industrial visit to Sara textile ltd, Nalagarh	23.09.2017
156	Expert talk on Indian economy	9.04.2018
157	Expert talk on research methodology	28.09.2017
158	Expert talk on wages and salary administration	16.10.2017
159	Expert talk on soft skills	13.09.2017
160	Expert talk on hospital design	07.03.2018
161	Three days' workshop on 'bricks structure and model making'	05.03.2018 to 07.03.2018
162	Expert talk on policies and programmes, policies for heritage cities	26.09.2016
163	Expert talk on building economics	26.10.2016
164	Expert lecture on major project	21.04.2017
165	BIM software (Archicad) a part of B.Arch. Curriculum	09.09.2016
166	One day workshop on ECBC capacity building	13.02.2017
167	Expert talk on working drawings- importance, method of preparation & execution at site	19.11.2016
168	Awareness programme for testing of adulteration in milk	28.03.2017
169	Extension lecture on bio-organic chemistry	16.03.2017
170	Extension lecture on iron based absorbance of water treatment technology	29-03-2017
171	Expert lecture on big data and HADOOP	15.09.2016
172	Expert talk on cyber security	07.09.2016
173	Expert talk on DBMS, RDBMS, data warehouse, big data, variety of data, VMWARE , HADOOP installation and working, data analysis.	15.09.2016

174	One day industrial visit to Pratna developer power limited Balluana	28.03.2017
175	Expert lecture on energy conservation in electrical appliances	26.10.2016
176	One day industrial visit	24.06.2017
177	Expert lecture on energy efficient holistic technologies	21.04.2017
178	Industrial visit to Jaybee industries, Malout road near GNDTP, Bathinda	06.09.2016
179	Expert lecture on high energy physics experiments: a brief overview	07.04.2017
180	Expert lecture on material characterization techniques with emphasis on electron beam facility and its applications.	18.10.2016
181	Expert lecture on establishment of business incubator	16.02.2017
182	Expert lecture on E-commerce in era of globalization	13.09.2016
183	Expert lecture on the idea of good governess	18.01.2017
184	Industrial visit to P.P. Transformer industry focal point ,Bathinda	15-06-2017
185	Expert lecture on housing and building management system	12.02.2016
186	Expert lecture on architectural graphics	12.02.2016
187	Expert lecture on housing & public buildings	02.03.2016
188	Expert lecture on expert lecture on java	29.09.2015
189	Expert lecture on communication skills	18.01.2016
190	Expert lecture on earthquake causes: prediction & building and design	09.02.2016
191	Expert lecture on quantum mechanics & Nano materials	18.11.2015
192	Expert lecture on laser & fiber optics	06.11.2015

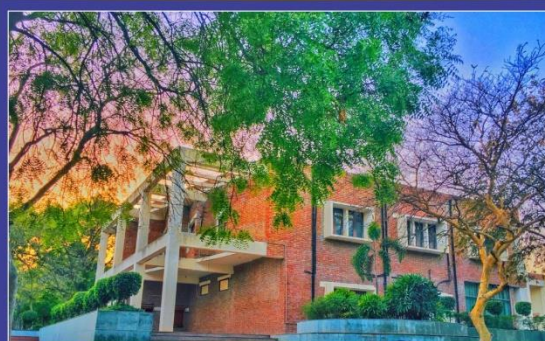
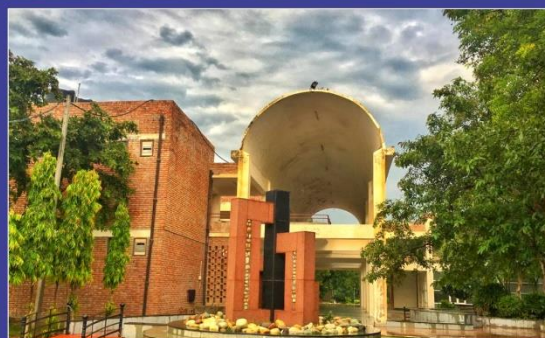
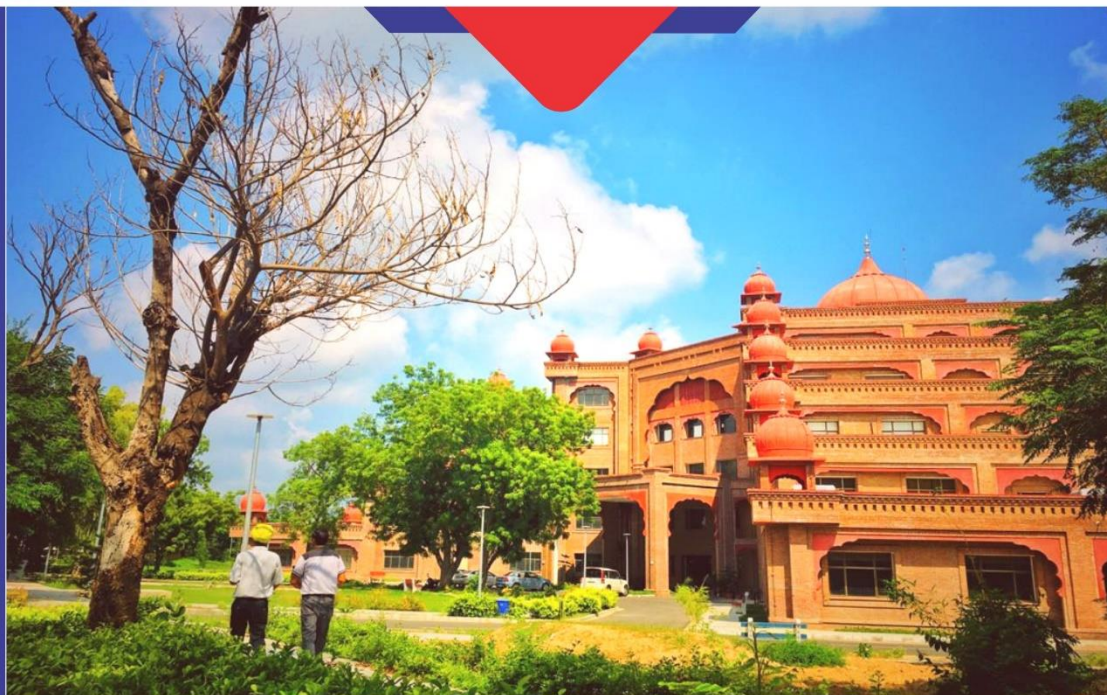


Think Excellence, Live Excellence

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