

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

REPORT

FACULTY DEVELOPMENT PROGRAMS/INDUCTION PROGRAMS CONDUCTED



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

**FACULTY DEVELOPMENT
PROGRAMS/INDUCTION PROGRAMS
CONDUCTED**



2021

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

FACULTY DEVELOPMENT PROGRAMS/INDUCTION PROGRAMS CONDUCTED

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INTERNAL QUALITY ASSURANCE CELL

**FACULTY DEVELOPMENT
PROGRAMS/INDUCTION PROGRAMS
CONDUCTED**

ONE DAY ECBC CAPACITY BUILDING WORKSHOP

Sr. No.	Event Details	Data
1.	Academic Year	2017
2.	Name of Department	GZS School of Architecture & Planning
3.	Title of Professional Event	One Day ECBC Capacity Building Workshop
4.	Date of Event Conducted	13.02.2017
5.	Name of Agency	ITA in collaboration with BEE, UNDP, NITTTTR and PEDTA
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	90
8.	Summary of the Event	<p>One Day ECBC Capacity Building Workshop by IIA in collaboration with BEE, UNDP, NITTTTR and PEDTA on 13.02.2017. It proved highly beneficial to the participants as;</p> <ol style="list-style-type: none"> 1. It facilitated the faculty and students with Energy Conservation Building Codes 2013 Training to be incorporated in their design methodology for creating energy efficient built ups. 2. The need and scope of the codes use was explained followed by Documentation required for application of the codes. 3. They were enlightened with the importance and need to embody these codes in design followed by Approach towards their implementation. 4. The spectators were acquainted with the behavioral difference of the building envelope with and without implementation of ECBC codes while construction. 5. The design considerations as a part of the codes for heating, ventilation, air conditioning and lighting in the building interiors discussed keeping the design a sustainable one. 6. Various Implementation and Enforcement Models were presented by PEDTA to make the participants familiar with the Energy Conservation Building Codes.
9.	Photo of the Event	 

STC ON “OPEN SOURCE TECHNOLOGIES”

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Computer Science & Engineering
3.	Title of Professional Event	STC on “Open Source Technologies”
4.	Date of Event Conducted	29.08.2016-02.09.2016
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	22
8.	Summary of the Event	<p>ICT based STC on the topic "Open Source Technologies" was conducted at Giani Zail Singh Campus College of Engineering and Technology, Maharaja Ranjit Singh Punjab Technical University (GZSCET, MRSPTU), Bathinda from 29-8-2016 to 02- 9-2016 (Five Days). GZSCCET MRSPTU Bathinda was selected as Remote Centre by NITTTR Chandigarh for conduct of this STC. Total 22 participants of GZSCCET MRSPTU Bathinda attended this Short Term Course.</p> <p>Resource persons from NITTTR Chandigarh, UIET Panjab University, U-NET solutions Moga and Magma Research and Consultancy Pvt. Ltd Ambala delivered the expert talks on the latest topics like Python programming, NoSQL, Weka Tools, R Language for Analytics , Social network Analysis tools, GIT platform for open Source Technologies etc,</p> <p>Overall the Short Term Course was very informative and all the participants appreciated the efforts of the CSE Department for conducting this course. Dr. M.P Singh Ishar, Vice Chancellor MRSPTU Bathinda and Dr. Gursharan Singh, Campus Director GZSCCET Bathinda appreciated the efforts of CSE Department GZSCCET, MRSPTU Bathinda for conducting such a useful short term course to enhance technical knowledge of Faculty/Staff of GZSCCET, MRSPTU Bathinda.</p>
9.	Photo of the Event	



**SMART GRID:- RENEWABLE INTEGRATION, ENERGY STORAGE AND
SUSTEM OPERATION FOR SUSTAINABLE DEVELOPMENT**

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Electrical Engineering
3.	Title of Professional Event	Smart Grid:- Renewable Integration, Energy Storage and System Operation for Sustainable Development
4.	Date of Event Conducted	11.02.2017-13.02.2017
5.	Mode of Event	Physical
6.	Total Number of Participants	240
7.	Summary of the Event	<p>Due to ever increasing demand of electricity and environmental hazards associated with the use of conventional sources of energy, electrical power generation from renewable sources is increasing now a days. However continuous and expanded growth of the share of renewables in centralized and decentralized grids requires new approach for grid management known as “Smart Grids”. Electronic power conditioning and control of the production and distribution of electricity are important aspects of the smart grid.</p> <p>A smart grid is an electrical grid which includes a variety of operation and energy measures including, smart meters, smart distribution boards and circuit breakers integrated with home control and demand response, load control switches and smart appliances, renewable energy resources, including capacity to charge parked (electric vehicle) batteries or other energy storage devices. Sufficient utility grade fiber broadband is required to connect and monitor the above, with wireless as backup.</p> <p>The electric grid is a network of transmission lines, substations, transformers and other equipment that deliver electricity from power plants to consumers. The digital technology that allows for two-way communication between the utility and its customers, and the sensing along the transmission lines is what makes the grid smart. The smart grid consists of controls, computers, automation, and new technologies and equipment working together with the electrical grid to respond digitally to our quickly changing electric demand. The benefits</p>


associated with the smart grid include, More efficient transmission of electricity, quicker restoration of electricity after power disturbances, reduced operations and management costs for utilities that ultimately lower power costs for consumers, reduced peak demand, which will also help lower electricity rates, increased integration of large-scale renewable energy systems, improved security etc.

This workshop addressed the issues of renewable energy integration under smart grid environment. The control, protection and operation issues in smart and micro-grid environment were discussed. The speakers have presented the role of energy storage, electric vehicles and demand response case studies including the presentation on real time simulator of OPAL-RT on micro-grid operation. Hands on tutorial session on GAMS optimization software with some case study was also held. The workshop proved to be useful for the research scholars working in the areas of smart grid, power system optimization and micro-grid systems etc.

8. Photo of the Event



FRONTIER AREAS IN TEXTILE

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Textile Engineering
3.	Title of Professional Event	Frontier Areas In Textile
4.	Date of Event Conducted	24.09.2016
5.	Name of Agency	GZSCCET, MRSPTU
6.	Mode of Event	Physical
7.	Total Number of Participants	57
8.	Summary of the Event	<p>Since the invention of the wheel to the use of microchips in computers and mobiles, technology has come a long way. Technology is one of the key influences that shape our society. Engineers don't just work with machines, designs and electronics, but use other tools as well to provide innovation and inventions that shape our society and improve the way we live and work. This means that engineers and Technologists have a responsibility and also a great opportunity to ensure that they have a positive influence in society. Some Remarkable developments and innovations of recent past which have revolutionized the world are Artificial Intelligence, Nano Technology, Smart materials etc. Where these Innovations have brought ease and comfort in life. However, serious issues and challenges have also been raised. This symposium will delve into latest technological developments in various fields of engineering and Technologies addressing various issues and challenges arisen out of these developments. With these perspectives following objectives have been set for this Symposium:</p> <ol style="list-style-type: none"> 1. Making the faculty and students aware about the current engineering practices and Technical developments 2. Sharing knowledge about Innovative applications of technologies in diverse areas of applications. 3. Spreading awareness about the Ethical issues in Engineering/Technical profession. <p>Engineering plays a key role in supporting the growth and development of a country's economy as well as in improving the quality of life for citizens. But there are some ethical issues which don't allow achieving its desired objectives. There is a dire need that these technological innovations be seen in right perspective for their applications.</p> <p>Any technology or innovation can be made more and more useful for the mankind if it has got inputs from various areas and directions of technologies. This Symposium proposes to touch the critical features and application possibilities of different technologies and their management, so that holistic approach can be developed in Research and teaching in institutions across the country which ultimately reaches to our students, Industry and finally to the society at large.</p>
9.	Photo of the Event	



**WORLD HABITAT DAY & GANDHI JYANT CELEBRATION IN
COMMEMORATION OF COMMITMENT OF ARCHITECTS TOWARDS NEED
OF ' HOUSING FOR ALL'**

Sr. No.	Event Details	Data
1.	Academic Year	2017
2.	Name of Department	GZS School of Architecture & Planning
3.	Title of Professional Event	World Habitat Day & Gandhi Jyant Celebration in commemoration of commitment of Architects towards need of ' Housing for All'
4.	Date of Event Conducted	11.10.2017
5.	Name of Agency	GZS School of Architecture & Planning in collaboration with Ar. Sangeet Sharma and Ar. Jit Kumar Gupta
6.	Mode of Event	Physical
7.	Total Number of Participants	120
8.	Summary of the Event	<p>In regard of World Habitat Day & Gandhi Jyanti Celebration, event was organized on 11.10.2017 in commemoration of commitment of Architects towards need of 'Housing for All'. The experts of the day Ar. Sangeet Sharma, practicing Architect and Ar. Jit Kumar Gupta, the former Chief Town Planner Punjab addressed the key issues related to Housing that is the national issue having extreme importance.</p> <ol style="list-style-type: none"> 1. Architect Sangeet Sharma focused on the methodology of Sustainable Design to be achieved in order to have self-sustainable neighborhoods, discussing various projects undertaken by him (residential, commercial and institutional, high rise and low rise). 2. He shared the implementation of the ECBC Codes through one of the School designed by him enhancing the importance of the Codes to achieve an energy efficient built up. 3. He also talked about the works of famous Architects highlighting the sustainable or energy efficient features used in their particular works 4. Another Expert of the day, Ar. Jit Kumar Gupta explained the lines of development for the sustainable settlements that should cater the growing demands of the residents. 5. He discussed the increasing population trends in our country and as a consequence overburdening of the existing infrastructural facilities and housing shortage.

	6. The expert showed the concern to house all, provide basic facilities to support the survival that can be achieved by producing self-sufficient settlements without affecting the environment.
9.	Photo of the Event
	 

TWO DAYS CAPACITY BUILDING WORKSHOPS ON PUNJAB ECBC BY PEDA, BEE AND UNDP

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	Architecture & Planning
3.	Title of Professional Event	Two Days Capacity Building workshops on Punjab ECBC by PEDA, BEE and UNDP
4.	Date of Event Conducted	15 and 16 Feb, 2018
5.	Name of Agency	PEDA, BEE & UNDP
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	80
8.	Summary of the Event	<p>Two Days Capacity Building Workshop on Punjab ECBC by PEDA, BEE and UNDP was organized in the department on 15.02.2018 to 16.02.2018 to promote awareness, training and capacity building on ECBC focusing on addressing the implementation of Punjab ECBC In the state.</p> <ol style="list-style-type: none"> 1. It facilitated the faculty and students with Energy Conservation Building Codes 2017 Training highlighting the difference from the 2013 Codes to be implemented in the state. 2. The scope of the codes application for commercial built ups, hotels, hospitals, and group housing complexes was explained followed by Documentation required for application of the codes. 3. The experts demonstrated the electrical load calculations for the buildings with and without compliance of ECBC of hence understanding the difference. 4. The characteristics of the building envelope were discussed with changing behavior of sun enhancing the heat gain through walls, roof, windows and other openings. 5. Various building materials for facades and roofs were displayed and their characteristics were explained that can help to make built ups energy efficient. 6. The design considerations as a part of the codes for heating, ventilation, air conditioning and lighting in the building interiors discussed keeping the design a sustainable one.

7. ECBC Lighting Compliance was discussed explaining the mandatory requirements for the same and its importance to achieve energy efficient envelopes.

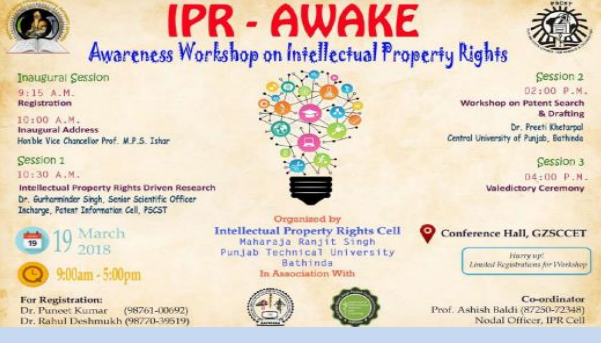
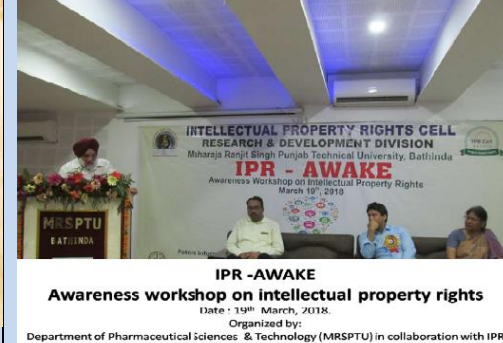
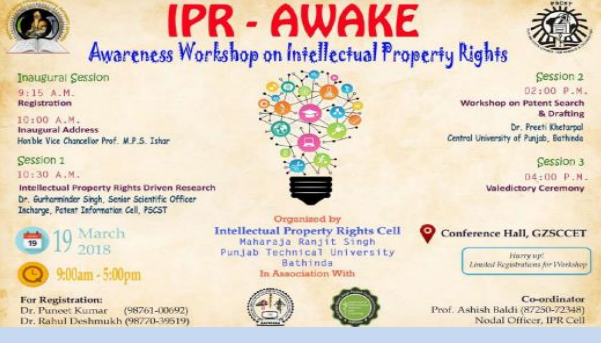
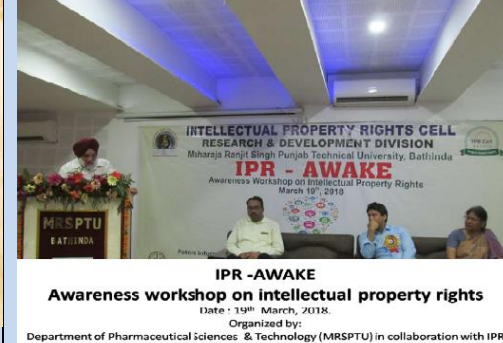
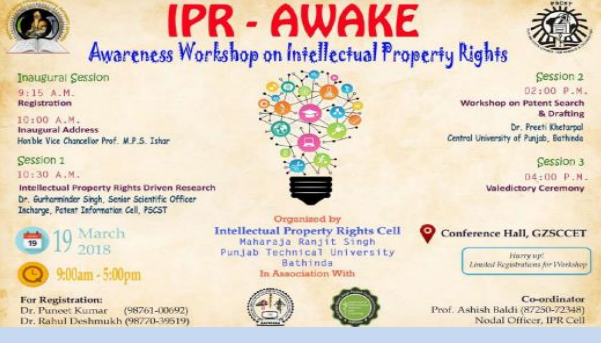
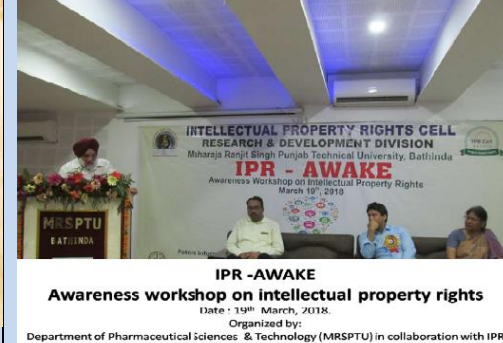
9. Photo of the Event




MOTIVATIONAL EXPERT LECTURE ON 'NEVER GIVE UP'.

Sr. No	Event Details	Data
1.	Academic Year	2018
2.	Name of Department	GZS School of Architecture and Planning
3.	Title of Professional Event	Motivational Expert Lecture on 'Never Give Up'.
4.	Date of Event Conducted	06.04.2018
5.	Name of Agency	GZS School of Architecture & Planning in collaboration with Arun Pandit, TRUX APP, Pvt. Ltd.
6.	Mode of Event	Physical
7.	Total Number of Participants	105
8.	Summary of the Event	
	<p>Motivational Expert Lecture on 'Never Give Up' by Arun Pandit, VP, Business Operations, TRUXAPP, Pvt. Ltd. Delhi was organized on 06.04.2018 by the Department to;</p> <ol style="list-style-type: none"> 1. Build confidence among students and motivate to never give up and stay strong even if encounter failure. 2. The expert for the day infused the sense of healthy competition among the them so as to use their energy in productive way. 3. He shared his own experiences to make the audience understand both positive and negative sides of the life considering both as the 'two facets of a coin'. 4. Students were taught that life is neither a bed of roses nor a thorny bushes, all we need id to have balanced approach. 5. He enforced that the task or desire will never be too hard to be achieved if one is determined not to leave it unturned till its accomplishment. 6. The expert tried to inculcate the need to remember that 'Success isn't permanent and Failure isn't fatal' therefore rather than giving up we should learn from our mistakes and keep moving on. 	
9.	Photo of the Event	
	<div style="display: flex; justify-content: space-between;"> <div data-bbox="276 1377 834 1659" style="width: 45%;"> <p style="text-align: center;">School of Architecture and Planning, Maharaja Ranjit Singh Punjab Technical University, Bathinda</p> <p style="text-align: center;">INVITES YOU TO</p> <p style="text-align: center;">MOTIVATIONAL EXPERT LECTURE ON</p> <p style="text-align: center;">'NEVER GIVE UP'</p> <p style="text-align: center;">Arun Pandit® Founder DontGiveUpworld.com & Community Member AIMA YLC & FICCI (Logistics Committee) Former Guinness World Record Holder Guest Writer & Speaker</p> <p style="text-align: right;">06 May 2018, 10 A.M Conference Room.</p> <p style="text-align: right;">DONT GIVE UP</p> </div> <div data-bbox="850 1366 1399 1671" style="width: 50%;"> </div> </div>	

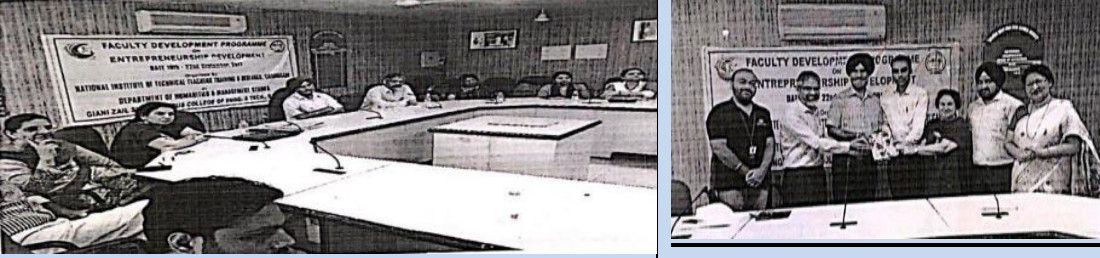
PATENT INFO. CELL, PUNJAB STATE COUNCIL FOR SCIENCES & TECHNOLOGY, CHANDIGARH

Sr. No	Event Details	Data								
1.	Academic Year	2018-2018								
2.	Name of Department	DOPST, MRSPTU, Bathinda								
3.	Title of Professional Event	Awareness Workshop on IPR								
4.	Date of Event Conducted	19-03-2018								
5.	Name of Agency	Patent info. Cell, Punjab State Council for Sciences & Technology, Chandigarh								
6.	Mode of Event	Physical								
7.	Total Number of Participants	76								
8.	Summary of the Event									
<p>Detail of Awareness workshop on intellectual property rights</p> <table border="1" data-bbox="284 864 1385 1003"> <thead> <tr> <th colspan="2" data-bbox="284 864 1385 902">One day workshop on intellectual property rights</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 902 820 936">Venue:</td> <td data-bbox="820 902 1385 936">Conference Hall, GZSCCET/MRSPTU</td> </tr> <tr> <td data-bbox="284 936 820 969">Date</td> <td data-bbox="820 936 1385 969">19th March, 2018,</td> </tr> <tr> <td data-bbox="284 969 820 1003">Funding Agencies</td> <td data-bbox="820 969 1385 1003">IPR Cell MRSPTU</td> </tr> </tbody> </table> <p>Department of Pharmaceutical Sciences & Technology (MRSPTU) in collaboration with IPR Cell, MRSPTU organized workshop on IPR Awake. Participants or faculty members of various departments from MRSPTU and GZSCCET participated in this one day program. The main aim of this workshop was to generate awareness among researchers and faculty members towards importance and issues of intellectual property right (patent). The function was inaugurated by Hon'ble Vice chancellor, MRSPTU Prof. M.P.S. Ishar and he elaborated the importance of patent of academic research outcomes.</p>			One day workshop on intellectual property rights		Venue:	Conference Hall, GZSCCET/MRSPTU	Date	19 th March, 2018,	Funding Agencies	IPR Cell MRSPTU
One day workshop on intellectual property rights										
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Date	19 th March, 2018,									
Funding Agencies	IPR Cell MRSPTU									
9.	Photo of the Event									
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LASER DEVELOPMENT & APPLICATIONS

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	Department of Physics
3.	Title of Professional Event	Laser Development & Applications
4.	Date of Event Conducted	3 rd July, 2017 to 7 th July, 2017
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	34
8.	Summary of the Event	
	<p>The Department of Physics of Maharaja Ranjit Singh Punjab Technical University Bathinda organized five days Faculty Development program sponsored by National Institute of Technical Teacher Training and Research Chandigarh on Curriculum Design from 3rd July 2017 to 7th July 2017. Dr. B. C. Choudhary, Professor, Department of Applied Sciences, NITTTR, Chandigarh was the Course Coordinator. The objective of the course was to enhance the knowledge of participants about development of lasers and laser-based technologies. The emphasis of the course was on understanding lasing mechanisms, applications in different areas, laser handling and optics experiments using different lasers. Field visits were arranged to supplement the factual knowledge about device with the applied aspects. The Course Contents were LASERS: Overview and Developments; Lasing Principles, Design and Characteristics: Laser Types: Solid, Gas and Liquid; Laser Applications: Optical Communication, Material processing, Holography, Hospitals etc. and Laboratory Experiments and Field visit etc. There was no registration fee for course. Each participant was given a CD of sponsored by NITTTR Chandigarh after the completion of the program. All the participants were given certificates. There was mandatory condition that each participant had to attend minimum 80% of the lectures. The program was highly beneficial for teachers.</p>	
9.	Photo of the Event	
		

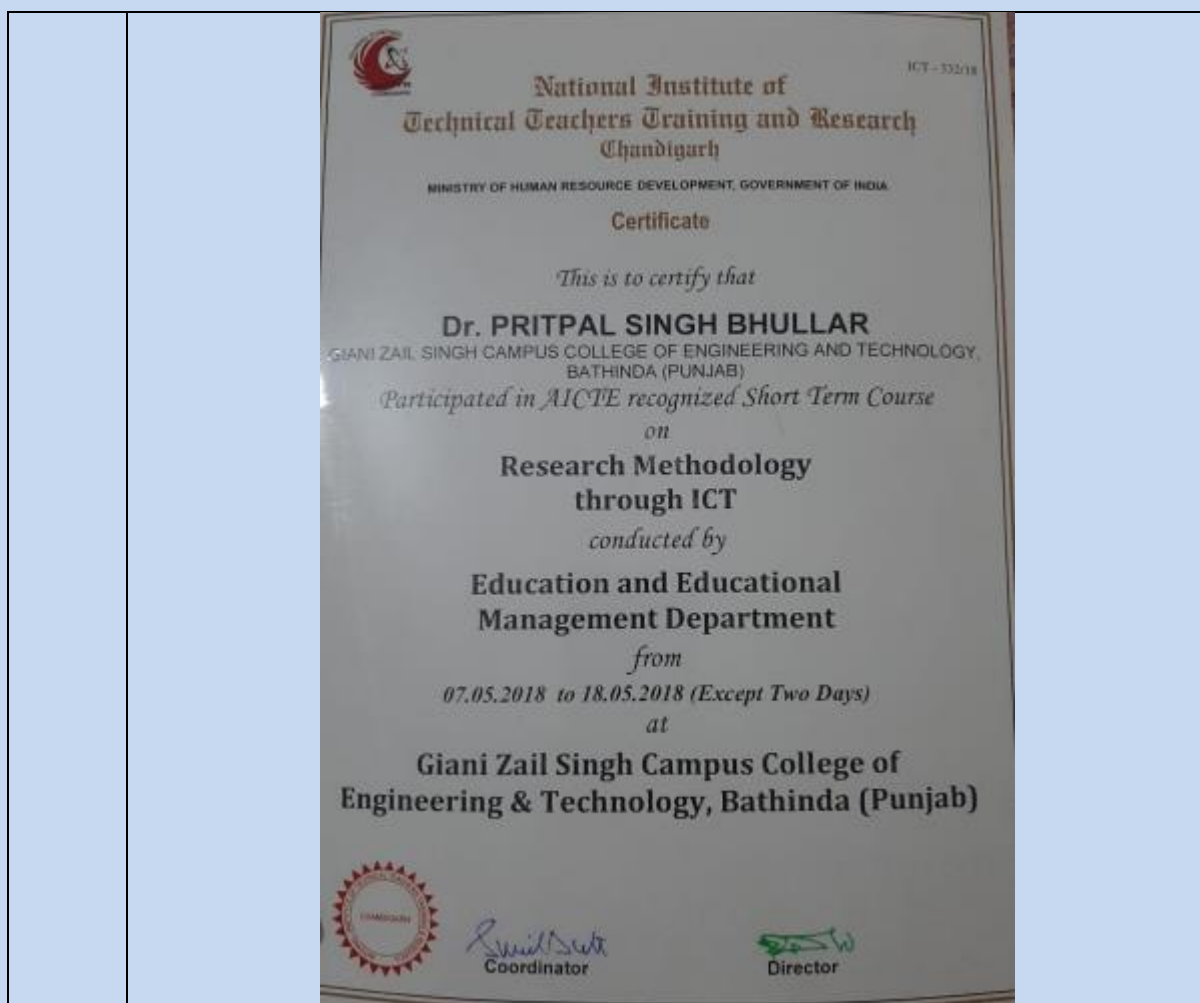
ENTREPRENEURSHIP DEVELOPMENT

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	University Business School
3.	Title of Professional Event	Entrepreneurship Development
4.	Date of Event Conducted	18/09/2018- 22/09/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	37
8.	Summary of the Event	
	<p>Dates: 18.09.2017 to 22.09.2017 No. of Participants: 31 This Faculty Development Program (FDP) is designed to train and develop professionals in the area of entrepreneurship, innovation and incubation in which they can act as resource persons in guiding and motivating students to take up entrepreneurial careers. The outcome of the FDP is likely to provide essential tools and techniques through diverse hand-on training modules. With such an aptitude, the knowledge of tools of entrepreneurship would enhance the practicing skills of the Faculty Members/Teachers, who, in turn, can apply them for linking classroom teaching for motivating the students towards entrepreneurial career. Benefits of the programme:</p> <ul style="list-style-type: none"> • Create an awareness of the need and importance of entrepreneurship. • Impart knowledge and develop skills in diverse training methods in imparting training to students and entrepreneurs. • Plan a curriculum that can imbibe the skills and competencies to achieve goals directed by values, have a positive attitude and have the ability to cope with the changing times. • Develop teachers with an entrepreneurial and professional mindset. • Make them aware about promotional financial & regulating schemes for Micro Small and Medium Enterprise (MSME). • Guide them for techniques of preparation of feasible & viable projects. • Guide them for Techniques of proposal preparation. 	
9.	Photo of the Event	
		




RESEARCH METHODOLOGY

Sr. No.	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	University Business School
3.	Title of Professional Event	Research Methodology
4.	Date of Event Conducted	07/05/2018-18/05/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	38
8.	Summary of the Event	
	<p>Dates: 07.05.2018 to 18.05.2018 No. of Participants: 38 Research Methods has become an integral part of almost all areas of management, social sciences, humanities research. Advancement in computing technology has further raised the importance of data analytics and placed great demands on its applications to complex decision making problems. The programme addressed issues in research methods and data analytics like selection of appropriate analytical tools, right software, interpretation of outputs and effective report writing. The objective of this programme was to emphasize on broad range of techniques available in research methods and data analytics for academicians, practitioners and researchers from interdisciplinary domains.</p> <p>Course Benefits: The specific course objectives were to enable the participating teachers to identify areas of research, define research problem, review research literature, select appropriate design of research, select appropriate technique of sampling, design tools for collection of data, analyze data and write research report.</p>	
9.	Photo of the Event	



ONE DAY DISTRICT LEVEL WORKSHOP-CUM-EXHIBITION OF ENERGY EFFICIENT BUILDING MATERIALS APPLIANCES

Sr. No.	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Architecture and Planning
3.	Title of Professional Event	One Day District Level workshop-cum-Exhibition of Energy Efficient Building Materials Appliances
4.	Date of Event Conducted	20 Feb, 2019
5.	Name of Agency	PEDA
6.	Mode of Event	Physical
7.	Total Number of Participants	75
8.	Summary of the Event	
	One Day District Level Workshop-cum-Exhibition of Energy Efficient Building Material/ Appliances was organized on 20.02.2019 by PEDA to benefit the participants as; 1. It made them familiar with the Energy Efficient Building materials and appliances. 2. The technical session elucidated the importance and usage of solar technologies.	

	<p>3. Different companies showcased the Rooftop Solar Plants and demonstrated their installation and working.</p> <p>4. Various building materials for facades were displayed and their characteristics were explained that can help to make built ups energy efficient.</p> <p>5. Besides, the Advanced Building Automation Systems which are available in the market for installation were introduced.</p> <p>6. These included the devices for automatic centralized control of a building's HVAC (heating, ventilation and air conditioning), electrical, lighting and shading for the facades.</p> <p>7. The audience was acquainted with their working with respect to change in sun direction throughout the day.</p> <p>8. It facilitates the faculty and students with Energy Conservation Building Code's Training to be incorporated in their design methodology for creating energy efficient built ups.</p> <p>9. They were enlightened with the importance and need to embody these systems to make energy efficient envelopes clarifying that although the installation expenses are higher but savings of energy with their installation proves them environment and budget friendly.</p>
9.	Photo of the Event
	
10.	News of the Event

ਸੂਰਜੀ ਊਰਜਾ ਸਬੰਧੀ ਲਗਾਈ ਵਰਕਸ਼ਾਪ

ਪੰਜਾਬੀ ਜਾਗਰਣ ਪ੍ਰਤੀਨਿਧੀ, ਬਠਿੰਡਾ

ਪੰਜਾਬ ਊਰਜਾ ਵਿਕਾਸ ਏਜੰਸੀ (ਪੇਡਾ) ਵੱਲੋਂ ਡਿਜ਼ਾਈਨ 2 ਓਕੂਪੈਂਸੀ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਸਕੂਲ ਆਫ ਆਰਕੀਟੈਕਚਰ, ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਇਕ ਜ਼ਿਲ੍ਹਾ ਪੱਧਰੀ ਵਰਕਸ਼ਾਪ 'ਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਲਾਈ ਗਈ।

ਇਸ ਸੌਕੇ 'ਤੇ ਬੋਲਦਿਆਂ ਪੇਡਾ ਦੇ ਸੀਨੀਅਰ ਮੈਨੇਜਰ ਮੁਖਿਲ ਲਾਲ ਨੇ ਦੱਸਿਆ ਕਿ ਹੁਣ ਆਉਣ ਵਾਲੇ ਸਮੇਂ ਵਿੱਚ ਇਮਾਰਤਾਂ ਲਈ ਪੰਜਾਬ ਊਰਜਾ ਬਚਾਉ ਬਿਲਡਿੰਗ ਕੋਡ (ਈਸੀਬੀਸੀ) ਦੀ ਪਾਲਣਾ ਕਰਨਾ ਲਾਜ਼ਮੀ ਕਰ ਦਿੱਤਾ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਨੇ ਪੇਡਾ ਵੱਲੋਂ ਸੂਰਜੀ ਊਰਜਾ ਦੀ ਵਰਤੋਂ ਅਤੇ ਊਰਜਾ ਬਚਾਉਣ ਸਬੰਧੀ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਸਕੀਮਾਂ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਾਨਣਾ ਪਾਇਆ। ਰਿਪੁਦਮਨ ਸਿੰਘ ਆਰਕੀਟੈਕਚਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਇਸ ਪ੍ਰੋਗਰਾਮ ਦੇ ਗੈਸਟ ਆਫ ਆਠਰ ਸਨ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਊਰਜਾ ਦੀ ਵਿਆਪਕ ਵਰਤੋਂ ਕਰਕੇ ਗਲੋਬਲ ਵਾਰਮਿੰਗ ਦਿਨ-ਦਿਨ ਵੱਧ ਰਹੀ ਹੈ। ਉਨ੍ਹਾਂ



ਪੇਡਾ ਵੱਲੋਂ ਲਾਈ ਪ੍ਰਦਰਸ਼ਨੀ 'ਚ ਜਾਣਕਾਰੀ ਲੈਂਦੇ ਹੋਏ।

ਸੁਝਾਅ ਦਿੱਤਾ ਕਿ ਘਰੇਲੂ ਅਤੇ ਛੋਟੀਆਂ ਇਮਾਰਤਾਂ ਨੂੰ ਵੀ ਪੰਜਾਬ ਈਸੀਬੀਸੀ ਦੇ ਘੇਰੇ ਹੇਠ ਲਿਆਉਣਾ ਚਾਹੀਦਾ ਹੈ, ਕਿਉਂਕਿ ਇਹ ਊਰਜਾ ਖਪਤ ਵਾਲੀਆਂ ਇਮਾਰਤਾਂ ਦਾ ਵੱਡਾ ਹਿੱਸਾ ਹੈ। ਇਸ ਸੌਕੇ ਉਦਯੋਗ ਦੇ ਮਾਹਿਰਾਂ ਵੱਲੋਂ ਮਾਰਕੀਟ ਵਿੱਚ ਉਪਲਬਧ ਨਵੀਂ ਤਕਨਾਲੋਜੀ ਤੇ ਬਿਲਡਿੰਗ

ਸਮੱਗਰੀ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਰਚਾ ਕੀਤੀ ਗਈ। ਊਰਜਾ ਬਚਾਉ ਇਮਾਰਤ ਸਮੱਗਰੀ ਜਿਵੇਂ ਕਿ ਏਏਸੀ ਬਲਾਕ, ਖੁਪਲੇ ਬਲਾਕ, ਇੰਸੂਲੇਸ਼ਨ, ਦੂਹਰੇ ਗਲੇਜ਼ਡ ਗਲਾਸ, ਐਸਆਰਆਈ ਟਾਇਲਸ, ਸੋਲਰ ਪੀਵੀ ਅਤੇ ਮੋਟਰਜ਼ ਆਦਿ ਦਾ ਪ੍ਰਦਰਸ਼ਨ ਕੀਤਾ ਗਿਆ।

PEDA: Comply with energy conservation building code

TRIBUNE NEWS SERVICE

BATHINDA, FEBRUARY 21

Executive members of Punjab Energy Development Agency (PEDA) in association with Design2Occupancy conducted a district-level workshop-cum-exhibition in Giani Zail Singh School of Architecture, Maharaja Ranjit Singh Punjab Technical University, Bathinda, to demonstrate energy efficient building materials.

Makhan Lal, senior manager, PEDA, Bathinda, said, "It is now mandatory to comply with Punjab Energy Conservation Building Code (ECBC) for upcoming buildings having connected load 100 kW or more."

He gave a descriptive account of the various solar and energy conservation

schemes and initiatives taken up by PEDA in generation of power using solar technologies.

Ripudaman Singh, head of architecture department, was the guest of honour at the event who said, "Due to extensive use of energy, global warming is increasing day-by-day. Every domestic and small scale buildings should also come under the scope of Punjab ECBC as these constitute major portion of energy consuming buildings."

The participants deliberated on new technologies and materials available in the market by the industry experts. Energy Efficient building materials like AAC blocks, hollow blocks, insulation, double-glazed glass, SRI tiles, etc were displayed.

ਰੋਜ਼ਾਨਾ ਸਪੈਕਸਮੈਨ

ਸ਼ੁਕਰਵਾਰ, 22 ਫ਼ਰਵਰੀ 2019

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ 'ਪੇਡਾ' ਵਲੋਂ ਕਾਰਜਸ਼ਾਲਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਲਾਈ ਗਈ

ਬਠਿੰਡਾ, 21 ਫ਼ਰਵਰੀ (ਸਪੈਕਸਮੈਨ ਮਾਨ): ਪੰਜਾਬ ਊਰਜਾ ਵਿਕਾਸ ਏਜੰਸੀ (ਪੇਡਾ) ਵਲੋਂ ਡਿਜ਼ਾਈਨ 2 ਓਕੁਪੈਂਸੀ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਸਕੂਲ ਆਫ ਆਰਕੀਟੈਕਚਰ ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਇਕ ਜ਼ਿਲ੍ਹਾ ਪੱਧਰੀ ਵਰਕਸ਼ਾਪ 'ਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਇਸ ਮੌਕੇ 'ਤੇ ਬੋਲਦਿਆਂ ਪੇਡਾ ਦੇ ਸੀਨੀਅਰ ਮੈਨੇਜਰ ਮੁਖਤ ਲਾਲ ਨੇ ਦੱਸਿਆ ਕਿ ਹੁਣ ਆਉਣ ਵਾਲੇ ਸਮੇਂ ਵਿੱਚ ਇਮਾਰਤਾਂ ਲਈ ਪੰਜਾਬ ਊਰਜਾ ਬਚਾਉ ਬਿਲਡਿੰਗ ਕੋਡ (ਈ.ਸੀ.ਬੀ.ਸੀ.) ਦੀ ਪਾਲਣਾ ਕਰਨਾ ਲਾਜ਼ਮੀ ਕਰ ਦਿੱਤਾ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਨੇ ਪੇਡਾ ਵਲੋਂ ਸੂਰਜੀ ਊਰਜਾ ਦੀ ਵਰਤੋਂ ਅਤੇ ਊਰਜਾ ਬਚਾਉਣ ਸਬੰਧੀ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਸਕੀਮਾਂ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਾਨਣਾ ਪਾਇਆ।

ਆਰਕੀਟੈਕਚਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਰਿਪੁਦਮਨ ਸਿੰਘ ਨੇ ਕਿਹਾ ਕਿ ਊਰਜਾ

ਦੀ ਵਿਆਪਕ ਵਰਤੋਂ ਕਰਕੇ ਗਲੋਬਲ ਵਾਰਮਿੰਗ ਦਿਨ-ਦਿਨ ਵੱਧ ਰਹੀ ਹੈ। ਉਨ੍ਹਾਂ ਸੁਝਾਅ ਦਿੱਤਾ ਕਿ ਘਰੇਲੂ ਅਤੇ ਛੋਟੀਆਂ ਇਮਾਰਤਾਂ ਨੂੰ ਵੀ ਪੰਜਾਬ

ਈ.ਸੀ.ਬੀ.ਸੀ. ਦੇ ਘੱਟੋ ਘੱਟ ਲਿਆਉਣਾ ਚਾਹੀਦਾ ਹੈ, ਕਿਉਂਕਿ ਇਹ ਊਰਜਾ ਬਚਤ ਵਾਲੀਆਂ ਇਮਾਰਤਾਂ ਦਾ ਵੱਡਾ ਹਿੱਸਾ ਹੈ।



SYSTEM DESIGNING WITH SMART CONTROLLERS

Sr. No.	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Electronics & Communication Engg.
3.	Title of Professional Event	System Designing with Smart Controllers
4.	Date of Event Conducted	27-05-2019 to 31-05-2019
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	17
8.	Summary of the Event	
	<p>The Department of Electronics & Communication Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh organized ICT based one week Faculty Development Programme on "System Designing with Smart Controllers" from 27-5-2019 to 31-5-2019 in computer lab of ECE department for faculty members of GZSCCET, MRSPTU Bathinda. The Head of Department Dr. Neeraj Gill welcomed all the participants and give brief introduction about the faculty development programme.</p> <p>Various resource persons from academia and industry share knowledge about latest and smart controllers. Embedded controllers are important cores for most smart products. A controller will manage various functions in an electronic product, such as mobile phone. In order to develop smart products the embedded controller is asked the more powerful performance.</p> <p>Dr. Neeraj Gill, Head: Department of ECE congratulated all the participants, appreciated the Resource Persons and coordinators of this FDP.</p>	
9.	Photo of the Event	



मानव संसाधन विकास विभाग
(Human Resource Development)

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

मान्यता

This is to certify that



MANOJ SHARMA

**GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING AND
TECHNOLOGY, MRSPTU, BATHINDA, BATHINDA
PUNJAB**

Participated in the AICTE Recognized Faculty Development Programme
on

System Designing with Smart Controllers

Conducted by

Electronics and Communication Engineering Department

from

27/05/2019 to 31/05/2019 (One Week)

at

**Giani Zail Singh Campus College of Engineering and Technology, MRSPTU,
Bathinda, Punjab**



[Signature]
Coordinator

[Signature]
Director

MOBILE BROADBAND TRANSFORMATION

Sr. No	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Electronics & Communication Engg.
3.	Title of Professional Event	Mobile Broadband Transformation
4.	Date of Event Conducted	13-05-2019 to 17-05-2019
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	ICT
7.	Total Number of Participants	15
8.	Summary of the Event	
	<p>The Department of Electronics & Communication Engineering. Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh organized ICT based one week Faculty Development Programme on “Mobile Broadband Transformation” from 13-5-2019 to 17.05.2019 in computer lab of ECE department for faculty members of GZSCCET, MRSPTU, Bathinda. The Head of Department Dr. Neeraj Gill welcomed all the participants and give brief introduction about the faculty development programme.</p> <p>Various Resource persons from academics and industry presents latest trends and technologies in the domain of mobile broadband and its allied areas. The mobile industry is in the process of massive transformation creating vast new capabilities that will benefit business and societies as a whole. The step from 3G to 4G was dramatic and the advances the industry is unleashing initially in 1.11 and then in 5G will be even greater. Standards bodies have not yet specified 5G that process is not expected until the 2020 timeframe.</p> <p>Dr. Neeraj Gill Head Department of ECE congratulated all the participants, appreciated the Resource Person and Coordinators of this FDP.</p>	
9.	Photo of the Event	
	<p style="text-align: center;">Short Term Course on</p>	

CONTINUING EDUCATION PROGRAMME

Sr. No.	Event Details	Data
1.	Academic Year	2018-2019
2.	Name of Department	DOPST, MRSPTU, Bathinda
3.	Title of Professional Event	Continuing Education Programme
4.	Date of Event Conducted	27-10-2018 to 29-10-2018
5.	Name of Agency	DOPST, MRSPTU, Bathinda
6.	Mode of Event	Physical
7.	Total Number of Participants	30
8.	Summary of the Event	
	<p>Department of Pharmaceutical Sciences & Technology (MRSPTU) organized Continuing Education Programme (CEP) sponsored by Pharmacy Council of India (PCI) with theme “Recent Industrial Approaches in Pharmaceutical Arena: From Theory to Practice” from September 27 - 29, 2018. Participants or faculty from different PCI approved pharmacy institutions and university departments of various regions participated in this three day program. The main aim of this CEP was to bring together young and senior faculty from all PCI approved institutes across the country and provide a common platform to discuss the new ideas/methods to improve the teaching skills. The function was inaugurated by Hon’ble Vice chancellor, MRSPTU Prof. M.P.S. Ishar and he elaborate the role of a teacher as building blocks of this world and specially emphasize on role of pharmacist in healthcare system. The first scientific session was started with the lecture of Dr. Raj Kumar Coordinator, Centre of Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda on computer aided drug design. The Plenary lecture was delivered by Prof. Harish Dureja, Professor, Department of Pharmaceutical Sciences, M.D.U. Rohtak. He talks on “Quality by design (QbD) is an essential tool in the pharmaceutical environment for having product/process/method impregnated with quality. A revolutionary approach for optimization and screening of experimental parameters is “Design of Experiments” (DoE). DOE and statistical analysis have been applied widely to formulation development, and are useful in process optimization and process validation”. This was conducted by Prof. Ashish Baldi Head, Dept of Pharma. Sciences and Technology as moderator.</p> <p>The session-2 was conducted by Dr. Uttam Kumar Mandal, Associate Professor, Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh Punjab Technical University Bathinda started with talk delivered by Prof. Subeet Jain, Professor, Department of Pharmaceutical Sciences, GNDU, Amritsar on “Laboratory bench to market : Important Considerations in Pharma Research”. Prof. Ashish Baldi, Head, Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh Punjab Technical University</p> <p>Bathinda conducted “Hands on Training: Identifying Critical Factors in Pharmaceutical Process”. Prof. Baldi elaborate that Pharmaceutical industry has seen an evident paradigm shift in quality of pharmaceuticals with implementation of Quality-by- Design (QbD) practices. The knowledge of recently adopted practices for total quality management is essential for teachers in order to make students understand the practices of QbD and Formulation-by- Design (FbD) with in-depth insight and practical implementation.</p>	

The Day 2 session was started by Dr. Sarwar Beg, Research Scientist, Jubilant Pharmaceuticals, Noida on “Application of QbD in Formulation & Analytical Method Development: Case studies from Laboratory and Industry” followed by practical/hand on training on Design expert software to all the participants. The whole session was conducted by Dr. Amit Bhatia as moderator. The afternoon session was specially planned for biostatistics and its need in pharma research and education. Dr. Suresh Thakur from Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala delivered his talk “Biostatistics and its applications in health sciences” he briefly explained that the research conducted in the field of health sciences is concluded by applying appropriate biostatistical test. Now biostatistics has become an essential tool in health management, pharmaceutical / clinical research and clinical decision making. The research quality in different biological fields is adversely affected by deficient basic biostatistical knowledge. He also gives hand on training to all participants on Graph Pad Prism software. In this series Dr. Pritpal Bhullar, University Business School, MRSPTU, Bathinda on provided hand on training on statistical Methodology using SPSS software to all participants. The aim of session was to hone the statistical skills of the participants. The emphasis was given on the applicability of statistical tests under different scenarios in pharmaceutical sciences. The session was commenced with the introduction of Hypothesis and various errors in hypothesis testing. That followed by the detail explanation of statistical test like T-test, Chi-Square, and ANOVA. The whole session was conducted by Dr. Punnet Bansal, Associate Prof, MRSPTU, Bathinda as moderator. The students of M.Pharm has conducted the hand impression ceremony as a mark of memory of those who joined hands for the successful completion of first CEP program at MRSPTU, Bathinda.

3rd day of this program was deliberated for Pharmacovigilance session followed by valedictory function. In this session two speakers from Parexel international Pvt. Ltd, Chandigarh discussed the various aspects of Pharmacovigilance and its role in health care. Mr. Vishavdeep Sharma, Pharmacovigilance specialist, Parexel International talked on “ICSR and Aggregate safety Reports” A pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Major branches of it include Individual case safety report (ICSR) and aggregate reporting (PSUR, PBRER, ADCO, DSUR etc.). ICH and GVP regulations provided timelines for reporting of adverse events (AE) in both ICSR and aggregate reports. Further Mr. Simranjeet Singh Bedi, Drug safety Associate, Parexel, Chandigarh discussed the Signal Detection in Pharmacovigilance”. Signal Management is an important aspect of Pharmacovigilance required by European Medicines Agency (EMA). EMA together with other regulatory authorities in the European Member States and the pharmaceutical companies with the marketing authorisation of the products are responsible for detecting and managing safety signals. Planary session-4 was conducted by Dr. Rahul Deshmukh, Associate Professor, MRSPTU, Bathinda as Moderator. Prof. (Dr.) Ramarao, Dean, Central University of Punjab, Bathinda was chief Guest for Valedictory function along with Prof. R.K.Goel, Professor of Pharmacology, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala as Guest of Honour. A panel discussion was organised before the valedictory function and various aspects related to pharmacy education were discussed by eminent personalities of Pharmacy field. The certificates of participation were distributed to all the participants by chief guest.

The effort by whole organising team and students of M.Pharm was appreciated. The skit and play were performed by M.Pharm students in the velidatory function. At the end of CEP the feedbacks forms were collected in order to improve drawbacks for the next CEP program.

Day-1 (Plenary Session-1)

DESIGN OF EXPERIMENT (DoE) IN PHARMACEUTICAL RESEARCH

Prof. (DR.) HARISH DUREJA

Professor in Pharmaceutics, Faculty of Pharmaceutical Sciences, and
Director, IPR Cell, Maharshi Dayanand University, Rohtak (Haryana) – 124001
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Quality by design (QbD) is an essential tool in the pharmaceutical environment for having product/process/method impregnated with quality. A revolutionary approach for optimization and screening of experimental parameters is “Design of Experiments” (DoE). DOE and statistical analysis have been applied widely to formulation development, and are useful in process optimization and process validation. The ICH Q8 guidelines have necessitated the establishment of a science-based rationale and a design space in pharmaceutical formulation development. Recent regulatory guidelines from the Food and Drug Administration (FDA), the European Medicines Agency (EMA), and the International Conference on Harmonization (ICH) encourage science-based approaches for quality and compliance. The simplified experimental designs and statistical tools for data analysis can provide in depth information about the formulation under investigation. The major advantage of using DOE to develop formulations for pharmaceutical products is that it allows all potential factors to be evaluated simultaneously, systematically, and quickly. Using DOE, one can evaluate the effect of each formulation factor on each response (and possibly the interaction effects between factors) and identify the critical factors based on statistical analysis. Once the critical factors have been

identified, the optimal formulation can be defined by using proper DOE to optimize the levels of all critical factors. The manufacturing process can also be developed and optimized in the same fashion. The design space is the multidimensional combination of input variables (e.g., material attributes) and process parameters that have been demonstrated to provide assurance of quality. DOE allows formulation scientists to evaluate all formulation factors in a systematic and timely manner to optimize the formulation and manufacturing process. When the formulation and manufacturing processes of a pharmaceutical product are optimized by a systematic approach, the scale-up and process validation can be very efficient because of the robustness of the formulation and manufacturing process.

Day-1 (Session-2)

Hands on Training: Identifying Critical Factors in Pharmaceutical Process.

Prof. (Dr.) Ashish Baldi

Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh
Punjab Technical University Bathinda Email: baldiashish@gmail.com

Pharmaceutical industry has seen an evident paradigm shift in quality of pharmaceuticals with implementation of Quality-by- Design (QbD) practices. The knowledge of recently adopted practices for total quality management is essential

for teachers in order to make students understand the practices of QbD and Formulation-by- Design (FbD) with in-depth insight and practical implementation. This Hands-on-Training will cover the basics of QbD and FbD with special emphasis on identification of critical process parameters, critical material attributes, critical quality attributes and target product profile including examples of process involved in various formulations/ viz. tablets, nanoparticles, liposomes, niosomes, phytosomes etc.

Day-2 (Session-1)

Systematic Development of Pharmaceutical Products using Quality by Design (QbD) Paradigms

Dr Sarwar Beg

Research Scientist, Product Development Research, Jubilant Generics Limited, Noida, India

Email: sarwar.beg@gmail.com

Quality by Design (QbD) is a buzz word now-a-days. Introduction of QbD into pharmaceutical field was instituted by ICH and USFDA around one decade ago through series of guidelines with the intent of delivering quality pharmaceutical products. Since inception of this concept of QbD, it has been highly popularized and tremendously gaining importance in pharmaceutical industry for developing high quality products meeting the regulatory needs and patients benefit. Enormous benefits of QbD have now been realized in pharma, thus having its applicability at diverse stages including API development, analytical development, formulation development, dissolution testing, stability studies, bioequivalence testing, clinical trials, so on and so forth. The present talk, in this context, aims to provide an overview of these newer pharma paradigms with vital applications in drug product development for the purpose.

Day-2 (Session-2)

BIostatISTICS AND ITS APPLICATIONS IN HEALTH SCIENCES

Dr. Suresh Kumar

Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala-147002, Punjab thakur_pu@yahoo.com

Statistics is a field of science that involves compilation of observations, designing and analysis of data. Biostatistics is an application of mathematical statistics that help in evaluation of experimental data generated from biological study so that valid inference can be established to solve problem in public health. Various statistical methods can be used to interpret experimental data obtained from biological experiments carried out in medicine, pharmacy, agriculture and engineering. These statistical tests are broadly classified into parametric and non-parametric tests. Parametric tests can be applied where population is normally distributed. Parametric tests include student t test, F test, Analysis of variance and post hoc analysis tests. Non parametric tests are Mann Whitney test, Wilcoxon rank sum test and Kruskal Wallis test. The research conducted in the field of health sciences is concluded by applying appropriate biostatistical test. Now biostatistics has become an essential tool in health management, pharmaceutical / clinical research and clinical decision making. The research quality in different biological fields is adversely affected by deficient basic biostatistical knowledge.

Training on statistical Methodology Dr. Pritpal Bhullar

University Buisness School, MRSPTU, Bathinda

One hand-on – training session was conducted on Statistical Techniques in Pharmaceutical Sciences on SPSS, statistical software. Dr. Pritpal Singh Bhullar, Assistant Professor, University Business School, MSPTU was the resource person. The aim of session was to hone the statistical skills of the participants. The emphasis was given on the applicability of statistical tests under different scenarios in pharmaceutical sciences. The session was commenced with the introduction of Hypothesis and various errors in hypothesis testing. That followed by the detail explanation of statistical test like T-test, Chi-Square, and Anova. These statistical tests were put forward in plain English to enhance the easiness of these concepts to the participants. During the session, training was given on how to enter the data in SPSS file. All the participants were provided with relevant SPSS work files for optimum utilization of time. Normality and Multi collinearity concepts were elaborated in detail. The commands of executing Normality and multi collinearity were unfolded to students. Participants were also acknowledged with various commands of applying t-test, chi-square, anova on SPSS. All the tests were live demonstrated with suitable illustrations on projector. Various Post Hoc tests were also revealed with their suitable applicability. The participants found the session quite interactive. Participants enquired their queries during the session and all their queries were resolved

effectively by the resource Person. Resource person also threw light upon the interpretation of the outcome of these tests and also highlighted the technique of paraphrasing them in international journals.

Day-3 (Session-1)

Pharmacovigilance: An overview Vishavdeep Sharma, Pharmacovigilance specialist, Parexel International

A pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Major branches of it include Individual case safety report (ICSR) and aggregate reporting (PSUR, PBRER, ADCO, DSUR etc.). ICH and GVP regulations provided timelines for reporting of adverse events (AE) in both ICSR and aggregate reports. In ICSR, work done is on daily basis where it includes the adverse event case processing of individual patient. On the basis of AE information, cases get categorized into serious and non-serious with pre-decided timelines for both the categories. In aggregate reports it includes the large set of data about AE of active pharmaceutical ingredient. These are the interval reports with data received in couple of years to retrieve the idea about risk-benefit ratio profile of drug. Operational part of both the domains needs enough workforce with specialized skills. Compliance with concerned regulators' need trained professional and so it becomes the emerging carrier in pharmaceuticals.

Signal Management in Pharmacovigilance Mr. Simranjeet Singh Bedi

Drug safety Associate, Parexel, Chandigarh

Signal Management is an important aspect of Pharmacovigilance required by European Medicines Agency (EMA). EMA together with other regulatory authorities in the European Member States and the pharmaceutical companies with the marketing authorisation of the products are responsible for detecting and managing safety signals. The guidance document for signal management process is European Unions' GVP Module IX - Signal Management which defines signal management as the set of activities performed to determine whether, based on an examination of individual case safety reports (ICSRs), aggregated data from active

surveillance systems or studies, literature information or other data sources, there are new risks associated with an active substance or a medicinal product or whether risks have changed, as well as any related recommendations, decisions, communications and tracking. The EU signal management process includes, detection, validation, confirmation, analysis and prioritisation, assessment of a signal and the recommendation for action. Signal detection is performed either qualitatively or quantitatively based on the volume of the data set available to validate if there is any potential causal association between the event of interest and the intervention. Signal confirmation, analysis and prioritisation is performed by the rapporteur assigned by the

Pharmacovigilance Risk Assessment Committee (PRAC). Upon confirming a signal, PRAC informs the MAH to perform the assessment of the overall data (including clinical data, epidemiology data, literature data, safety data and pre-clinical data) to determine if there is any causal relationship between the event of interest and the intervention and submit the same to PRAC in form of an ad-hoc report within the specified timeline. Upon receipt of the ad-hoc report the PRAC rapporteur analyses the information presented in the report and the conclusion drawn by the MAH in the same. The PRAC rapporteur then gives recommendation for action.

From Laboratory Bench to Market : Important considerations in Pharma Research

Dr. Subheet Kumar Jain, Professor & Former Head, Department of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar, Punjab

Systems which can provide “some” control of drug release in body are called controlled drug delivery systems (CDDS). CDDS is an innovation in drug delivery, which provides the sustained and targeted delivery of drugs with benefits of improving product efficacy and safety, as well as patient convenience and compliance. Development of CDDS based formulation is a rapidly developing research area at the academic and commercial level. Market for CDDS based formulation is increasing at an average growth rate of 15%. The success of the developed systems depends largely upon the efficacy of the systems or the advantages over the previous systems available if any. Another advantage associated with CDDS formulation is improved patent protection in advance of expiration of the compound patent to prevent generic copies of the original product from almost immediately capturing virtually the entire market. Selection of drug candidate and approach are important factors those significantly contribute in development of successful commercial CDDS based formulation. This presentation embodies the in-depth discussion on different factors those should be considered in development of successful CDDS formulation from laboratory

bench to market with some case studies.

9. Photo of the Event

PHARMACY COUNCIL OF INDIA

SPONSORED

CONTINUING EDUCATION PROGRAM

"Recent Industrial Approaches in Pharmaceutical Arena: From Theory to Practice"
September 27 - 29, 2018

ORGANIZED BY

Department of Pharmaceutical Sciences & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda



STRATEGIC MANAGEMENT AND SWOT ANALYSIS OF TECHNICAL INSTITUTIONS

Sr. No	Event Details	Data
1.	Academic Year	2018-2019
2.	Name of Department	University Business School
3.	Title of Professional Event	Strategic Management and Swot Analysis of Technical Institutions
4.	Date of Event Conducted	23/07/2018-27/07/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	29
8.	Summary of the Event	<p>A one week short term course on "Strategic Management and SWOT Analysis of Technical Institutions" was successfully organized by National Institute of Technical Teachers Training & Research, Chandigarh (NITTTR), Chandigarh at University Business School, MRSPTU, Bathinda, which concluded on Wednesday.</p> <p>The Workshop was a very good blend of theoretical and practical training.</p> <p>The Program included various tasks to be accomplished by the faculty members. These included stakeholders' identification worksheet and critical issues worksheet prepared by Dr. S.K. Dhameja, Prof. & Dean, NITTTR, Chandigarh. He explained that SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis is a very good tool.</p> <p>Er. Amardev Singh, NITTTR, Chandigarh imparted a session on Intellectual Property Right (IPR) and its practical applications was enlightening in the current perspective.</p> <p>Another intriguing session by him was on 'E-Governance'.</p> <p>Dr. Amit Das, Vice President, Marketing Communication, Zirakpur engaged the audience by his task on SWOT Analysis of self as well as technical institutions.</p> <p>Mr. Ritesh Gulati, Founder & Executive Consultant Diversity Ace Business Consultants, Mohali energized the faculty members with a session on "Change Management in our Organization".</p> <p>Around 35 faculty members from all disciplines participated in the Workshop.</p> <p>The Inaugural and closing ceremony address was delivered by Prof. (Dr.) Savina Bansal, Dean (Research and Development), MRSPTU, Bathinda. Dr. Suman Kathuria, In-charge, UBS and local coordinator of the event extended a note of thanks.</p> <p>Campus Director, Dr. Gursharan Singh stressed upon the usefulness of this training program among the faculty members.</p> <p>MRSPTU, Vice Chancellor, Prof. (Dr.) Mohan Paul Singh Ishar and Registrar, Dr. Jasbir Singh Hundal applauded the department for successful coordination of the event.</p>
9.	Photo of the Event	

University Business School
Strategic Planning & SWOT Analysis
23.07.2018 to 27.07.2018



ICT - 3053/18


**National Institute of
Technical Teachers Training and Research
Chandigarh**
MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

PRITPAL SINGH BHULLAR
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY,
BATHINDA (PUNJAB)

*Participated in AICTE recognized Short Term Course
on*

**Strategic Planning and SWOT Analysis
of Technical Institutions
through ICT**

conducted by

**Entrepreneurship Development &
Industrial Coordination Department**

from

23.07.2018 to 27.07.2018 (One Week)


at

**Maharaja Ranjit Singh Punjab Technical University,
Bathinda (Punjab)**

 
Coordinator

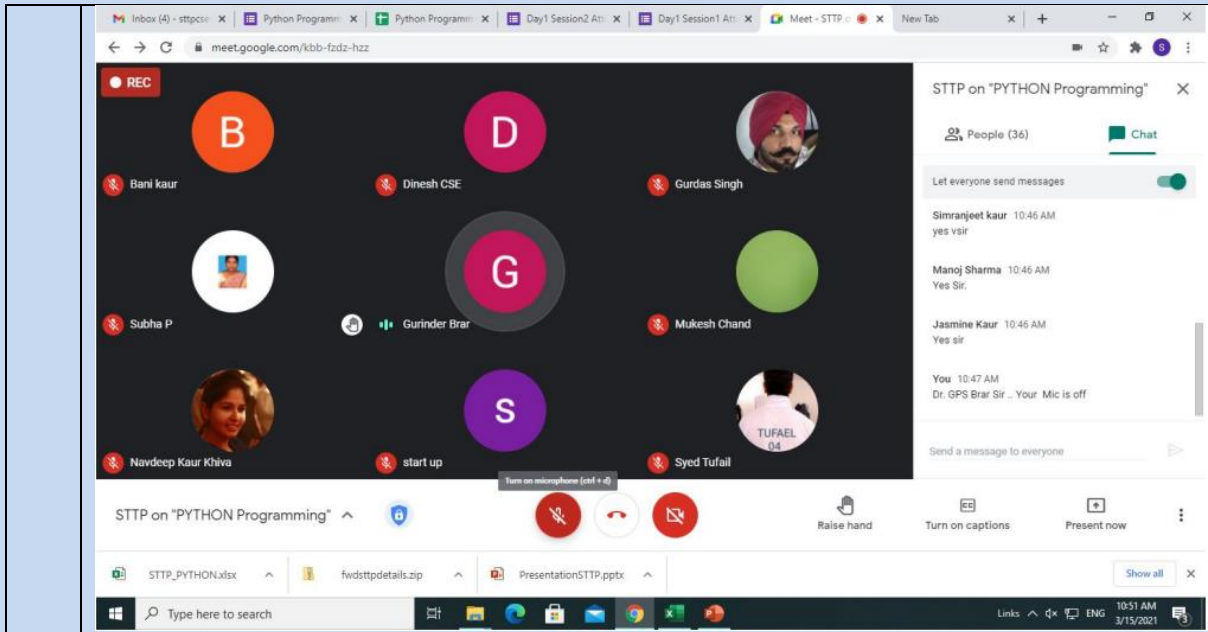

Director

INTELLECTUAL PROPERTY RIGHTS- ASPECTS FOR BUSINESS START UPS

Sr. No.	Event Details	Data
1.	Academic Year	2019-2020
2.	Name of Department	University Business School
3.	Title of Professional Event	Intellectual Property Rights- Aspects for Business Start Ups
4.	Date of Event Conducted	10/06/2019-14/06/2019
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	28
8.	Summary of the Event	<p>Intellectual property is the outcome of human intellect. In other words we can say that intellectual property is an idea of mind that got transformed into physical form which is commercially viable and which improves the quality of life of humans. Although, there is an abundance of creative and innovative energies which are flowing in India still, much of the Intellectual Property (IP) created remains unprotected. The probable reasons could be lack of awareness, weak infrastructural support and perceptual mind blockages related to the complicated procedures associated with the Intellectual Property management. Looking into this nationwide initiatives have been taken by policy makers to spread awareness about the significance of IPRs to promote innovation and Entrepreneurship among students and startups IPR protection provides a tool for entrepreneurs to appropriate their returns from innovation by protecting and commercializing their IPRs. The prime purpose of this FDP is to provide basic knowledge of IPRs, its importance and implications in promoting entrepreneurship and start-up ecosystem among young Scholars, Small & Medium Enterprise (SME) and Grass root level innovators.</p> <p>Benefits of the programme:</p> <ul style="list-style-type: none"> • To boost the level of awareness, curiosity, knowledge and information about IPR issues. • To explain the role of Intellectual Property Rights in promoting and safeguarding the interests of the innovators. • To analyze the impact of IPR on Technology Transfer agreements, Innovation outcomes and investment on R&D at industry • To provide an understanding about the provisions and procedures of Indian Patent act and the benefits arising out of the protection and commercialization of Intellectual Property among the start-ups. • To analyze the impact of IPR on Entrepreneurship Development.
9.	Photo of the Event	

PYTHON PROGRAMMING

Sr. No	Event Details	Data
1.	Academic Year	2021-2022
2.	Name of Department	CSE, GZSCCET, MRSPTU, BTI
3.	Title of Professional Event	Python Programming
4.	Date of Event Conducted	15 th -20 th March 2021
5.	Name of Agency	AICTE_MRSPTU, Sponsored
6.	Mode of Event	ICT Based
7.	Total Number of Participants	45
8.	Summary of the Event	
	<p>One week Training Programme on "Python Programming" concluded at GZSCCET All India Council for Technical Education (AICTE) sponsored one-week online mode Short Term Training Programme (STTP) on "Python Programming" organised by the Computer Science Engineering (CSE) department of Giani Zail Singh Campus College of Engineering and Technology (GZSCCET) Maharaja Ranjit Singh Punjab Technical University (MRSPTU) concluded at the Campus.</p> <p>The experts from various reputed institutions delivered their expert lecture on Python Programming, which proved very beneficial for the faculty and Ph.D Research scholars.</p> <p>The main expert Dr. B. Mathura Bai, Associate Professor, V.N.R. College Hyderabad delivered his lecture on basics of Python, while a detailed introduction was given by Dr. N. Sudhakar Yadav, V.N.R College Hyderabad on Lists, Tuples and Dictionaries in the first session and he further extended his session on Numpy and Pandas of Python Programming.</p> <p>Research Scholars, Nitin Shelke from Thapar University and Monika Pahuja, from MRSPTU, Bathinda also shared their interest in Python Programming.</p> <p>MRSPTU, Vice Chancellor, Prof Buta Singh Sidhu and AICTE-MRSPTU Program Coordinator Dr. Balwinder Singh Sidhu appreciated the efforts of the department.</p> <p>The programme concluded with vote thanks by University Registrar, Dr. Gurinder Pal Singh Brar, while Guest of honor was Dr. Sandeep Kansal, Finance Officer, and MRSPTU. The Program was co-coordinated by Dr. Abhilasha Jain and the convener for the same was Dr. Dinesh Kumar, HOD of the department. The program was very well hosted by Co- Coordinators Er. Manpreet Kaur and Er. Navdeep Kaur Khiva.</p>	
9.	Photo of the Event	



10. News of the Event

JAG BANI

Ludhiana, Wednesday, 31 March 2021

‘ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ’ ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਸਿਖਲਾਈ ਪ੍ਰੋਗਰਾਮ ਕਰਵਾਇਆ





ਪ੍ਰੋਗਰਾਮ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਵਾਲੇ ਮਾਹਿਰ।

ਬਠਿੰਡਾ, 30 ਮਾਰਚ (ਵਰਮਾ)-ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਕੈਂਪਸ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਟੈਕਨਾਲੋਜੀ (ਜੀ. ਜੈਡ. ਐੱਸ. ਸੀ. ਸੀ. ਈ. ਟੀ.), ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ (ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ.) ਦੇ ਕੰਪਿਊਟਰ ਸਾਇੰਸ ਇੰਜੀਨੀਅਰਿੰਗ (ਸੀ. ਐੱਸ. ਈ.) ਵਿਭਾਗ ਵੱਲੋਂ ਆਯੋਜਿਤ ‘ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ’ ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਆਨ ਲਾਈਨ ਮੋਡ ਸ਼ਾਰਟ ਟਰਮ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ (ਐੱਸ. ਟੀ. ਟੀ. ਪੀ.) ਕੈਂਪਸ ਵਿਖੇ ਸਮਾਪਤ ਹੋਇਆ।

ਇਹ ਪ੍ਰੋਗਰਾਮ ਆਲ ਇੰਡੀਆ ਕੌਂਸਲ ਫਾਰ ਟੈਕਨੀਕਲ ਐਂਜਕੇਸ਼ਨ (ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ.) ਵੱਲੋਂ ਸਪਾਂਸਰ ਕੀਤਾ ਗਿਆ ਸੀ। ਵੱਖ-ਵੱਖ ਨਾਮਵਰ ਸੰਸਥਾਵਾਂ ਦੇ ਮਾਹਿਰਾਂ ਨੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ‘ਤੇ ਆਪਣੇ ਮਾਹਿਰ ਭਾਸ਼ਣ ਦਿੱਤੇ ਜੋ ਫੈਕਲਟੀ ਅਤੇ ਪੀ. ਐੱਚ. ਡੀ. ਰਿਸਰਚ ਵਿਦਵਾਨਾਂ ਲਈ ਬਹੁਤ ਲਾਹੇਵੰਦ ਸਿੱਖ ਹੋਏ।

ਮੁੱਖ ਮਾਹਿਰ ਡਾ. ਬੀ. ਮਥੁਰਾ ਬਾਈ, ਐਸੋਸੀਏਟ ਪ੍ਰੋਫੈਸਰ, ਵੀ. ਐੱਨ. ਆਰ. ਕਾਲਜ ਹੈਦਰਾਬਾਦ ਨੇ ਕੰਪਿਊਟਰ ਦੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ਬਾਰੇ ਵਢਮੁੱਲੀ ਜਾਣਕਾਰੀ ਪੇਸ਼ ਕੀਤੀ, ਜਦੋਂ ਕਿ ਡਾ. ਐੱਨ. ਸੁਧਾਕਰ ਯਾਦਵ, ਵੀ. ਐੱਨ. ਆਰ. ਕਾਲਜ ਹੈਦਰਾਬਾਦ ਨੇ ਇਸਦੇ ਤਕਨੀਕੀ ਪਹਿਲੂਆਂ ਜਿਨ੍ਹਾਂ ‘ਚ ਸੂਚੀਆਂ, ਟੂਪਲਜ਼ ਅਤੇ ਡਿਕਸ਼ਨਰੀ ਸ਼ਾਮਲ ਸਨ ਅਤੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ਦੇ ਨੀਪੀ ਅਤੇ ਪਾਓਡਿਆਂ ਆਦਿ ਵਿਸ਼ਿਆਂ ‘ਤੇ ਵਿਸਥਾਰਪੂਰਵਕ ਜਾਣਕਾਰੀ ਦਿੱਤੀ।

ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਉਪ ਕੁਲਪਤੀ ਪ੍ਰੋਫੈਸਰ ਬੂਟਾ ਸਿੰਘ ਸਿੱਧੂ ਅਤੇ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ.-ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ. ਪ੍ਰੋਗਰਾਮ ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਬਲਵਿੰਦਰ ਸਿੰਘ ਸਿੱਧੂ ਨੇ ਵਿਭਾਗ ਦੀਆਂ ਕੋਸ਼ਿਸ਼ਾਂ ਦੀ ਸ਼ਲਾਘਾ ਕਰਦਿਆਂ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ. ਵੱਲੋਂ ਦਿੱਤੇ ਸਹਿਯੋਗ ਲਈ ਧੰਨਵਾਦ ਕੀਤਾ।

ਪ੍ਰੋਗਰਾਮ ਦੀ ਸਮਾਪਤੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਰਜਿਸਟਰਾਰ ਡਾ. ਗੁਰਿੰਦਰ ਪਾਲ ਸਿੰਘ ਬਰਾੜ ਵੱਲੋਂ ਧੰਨਵਾਦ ਦੇ ਮਤੇ ਨਾਲ ਹੋਈ, ਜਦੋਂਕਿ ਵਿਸ਼ੇਸ਼ ਮਹਿਮਾਨ ਵਜੋਂ ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ. ਵਿੱਤ ਅਧਿਕਾਰੀ, ਡਾ. ਸੰਦੀਪ ਕਾਂਸਲ ਸ਼ਾਮਲ ਹੋਏ।

ਪ੍ਰੋਗਰਾਮ ਦੇ ਕੋ-ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਅਭਿਲਾਸ਼ਾ ਜੈਨ ਸਨ, ਜਦੋਂਕਿ ਕਨਵੀਨਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ. ਦਿਨੇਸ਼ ਕੁਮਾਰ ਸਨ। ਇੰਜ. ਮਨਪ੍ਰੀਤ ਕੌਰ ਅਤੇ ਇੰਜ. ਨਵਦੀਪ ਕੌਰ ਖੀਵਾ ਵੱਲੋਂ ਪ੍ਰੋਗਰਾਮ ਦਾ ਸੰਚਾਲਨ ਸ਼ਾਨਦਾਰ ਤਰੀਕੇ ਨਾਲ ਕੀਤਾ ਗਿਆ।

ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕੈਂਪਸ ਵਿਚ ਸਿਖਲਾਈ ਪ੍ਰੋਗਰਾਮ ਦਾ ਆਯੋਜਨ

ਬਠਿੰਡਾ 30 ਮਾਰਚ (ਸ਼ੁੱਕਰਵਾਰ ਮਾਨ) : ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਅਧੀਨ ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕੈਂਪਸ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਟੈਕਨਾਲੋਜੀ ਵਲੋਂ ਆਯੋਜਿਤ “ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ” ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਆਨ ਲਾਈਨ ਮੋਡ ਸਾਰਟ ਟਰਮ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ ਕੈਂਪਸ ਵਿਖੇ ਸਮਾਪਤ ਹੋਇਆ।

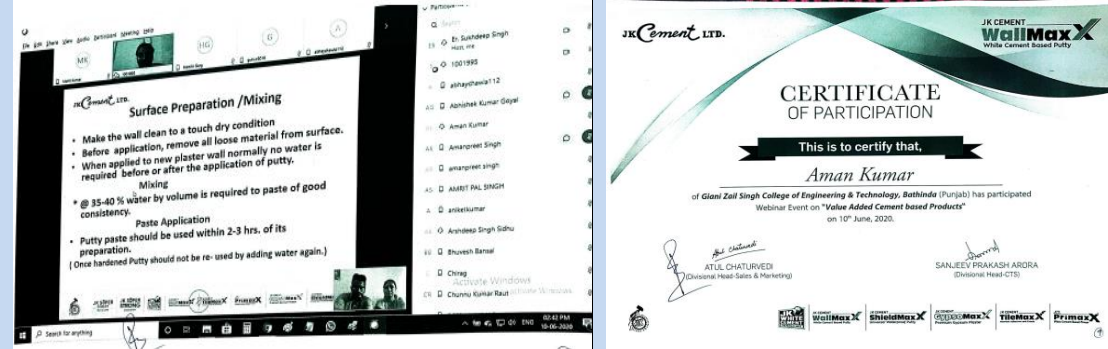
ਇਹ ਪ੍ਰੋਗਰਾਮ ਆਲ ਇੰਡੀਆ ਕੌਂਸਲ ਫਾਰ ਟੈਕਨੀਕਲ ਐਜੂਕੇਸ਼ਨ ਵਲੋਂ ਸਪਾਂਸਰ ਕੀਤਾ ਗਿਆ ਸੀ। ਵੱਖ-ਵੱਖ ਨਾਮਵਰ ਸੰਸਥਾਵਾਂ ਦੇ ਮਾਹਿਰਾਂ ਨੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ‘ਤੇ ਆਪਣੇ ਮਾਹਿਰ ਭਾਸ਼ਣ ਦਿੱਤੇ।

ਮੁੱਖ ਮਾਹਿਰ ਡਾ. ਬੀ. ਮਥੁਰਾ ਬਾਈ ਐਸੋਸੀਏਟ ਪ੍ਰੋਫੈਸਰ ਵੀ.ਐਨ.ਆਰ. ਕਾਲਜ ਹੋਦਰਾਬਾਦ ਨੇ ਕੰਪਿਊਟਰ ਦੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ਬਾਰੇ ਵੱਡਮੁਲੀ ਜਾਣਕਾਰੀ ਪੇਸ਼ ਕੀਤੀ, ਜਦੋਂ ਕਿ ਡਾ. ਐਨ. ਸੁਧਾਕਰ ਯਾਦਵ ਵੀ.ਐਨ.ਆਰ. ਕਾਲਜ ਹੋਦਰਾਬਾਦ ਨੇ ਇਸਦੇ ਤਕਨੀਕੀ ਪਹਿਲੂਆਂ ਜਿਹਨਾਂ ਵਿੱਚ ਸੂਚੀਆਂ, ਟੂਪਲਜ਼ ਅਤੇ ਡਿਕਸ਼ਨਰੀ ਸ਼ਾਮਿਲ ਸਨ ਅਤੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ਦੇ ਨੰਪੀ ਅਤੇ ਪਾਡਿਆਂ ਆਦਿ ਵਿਸ਼ਿਆਂ ‘ਤੇ ਵਿਸਥਾਰਪੂਰਵਕ ਜਾਣਕਾਰੀ ਦਿੱਤੀ। ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਉਪ ਕੁਲਪਤੀ ਪ੍ਰੋਫੈਸਰ ਬੂਟਾ ਸਿੰਘ ਸਿੱਧੂ ਅਤੇ ਏ.ਆਈ.ਸੀ. ਟੀ.ਈ.-ਐਮ. ਆਰ.


ਐਸ. ਪੀ. ਟੀ. ਯੂ. ਪ੍ਰੋਗਰਾਮ ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਬਲਵਿੰਦਰ ਸਿੰਘ ਸਿੱਧੂ ਨੇ ਵਿਭਾਗ ਦੀਆਂ ਕੋਸ਼ਿਸ਼ਾਂ ਦੀ ਸਲਾਘਾ ਕਰਦਿਆਂ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ. ਵਲੋਂ ਦਿੱਤੇ ਸਹਿਯੋਗ ਲਈ ਧੰਨਵਾਦ ਕੀਤਾ।



VALUE ADDED CEMENT BASED PRODUCTS

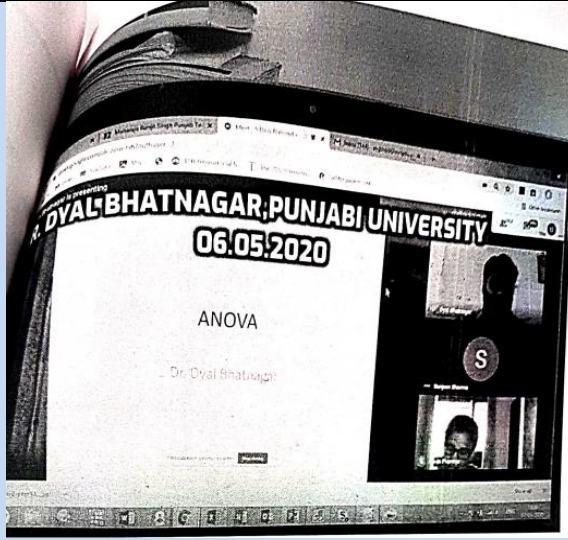
Sr. No.	Event Details	Data
1.	Academic Year	2019-20
2.	Name of Department	Civil Engineering
3.	Title of Professional Event	Value Added Cement Based Products
4.	Date of Event Conducted	10 th June 2020
5.	Name of Agency	JK Cement Ltd.
6.	Mode of Event	ICT Based (online)
7.	Total Number of Participants	109
8.	Summary of the Event	
	<p>The Online Webinar on "Value Added Cement Based Products" was organized on 10th June 2020 by the Department of Civil Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda.</p> <p>This is a very useful topic and it had resulted in the enhancement of student's knowledge at a great extent. The Expert Er Vikas Malhotra from JK Cement Ltd. (White Cement Division) enlightened the students and Faculty members of Civil Engineering Department with a very interactive session. Participants were able to understand the different products that are based on cement and also learnt the applications of these materials in the field of construction.</p>	
9.	Photo of the Event	
	 <p>The image shows two side-by-side screenshots. The left screenshot is a Zoom webinar slide titled "Surface Preparation /Mixing" from JK Cement Ltd. It lists instructions for surface preparation, mixing (85-40% water by volume), and paste application (use within 2-3 hours). The right screenshot is a "Certificate of Participation" for Aman Kumar, issued by JK Cement Ltd. to Giani Zail Singh College of Engineering & Technology, Bathinda, for participating in the webinar on 10th June, 2020. The certificate is signed by Atul Chaturvedi and Sanjeev Prakash Arora.</p>	

RETROFITTING OF OLD STRUCTURES

Sr. No	Event Details	Data
1.	Academic Year	2019-20
2.	Name of Department	Civil Engineering
3.	Title of Professional Event	Retrofitting of old Structures
4.	Date of Event Conducted	25 th June 2020
5.	Name of Agency	Eduzphere, Chandigarh
6.	Mode of Event	ICT Based (online)
7.	Total Number of Participants	105
8.	Summary of the Event	
	<p>The Online one-day Webinar on "Retrofitting of Old Structures" was organized on 25th June 2020 by the Department of Civil Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda.</p> <p>The Expert Er Nipun Syal, Structural Designer & Director, Eduzphere put light on the very important topic of Civil Engineering for the students and Faculty members of Civil Engineering Department with his wonderful talk. Participants were able to understand the Retrofitting techniques in the field of construction. Er Nipun explained about the technique that if existing structures doesn't have enough strength, then those structures can be strengthened using the retrofitting method. This is a very useful approach to make the process economical as well.</p>	
9.	Photo of the Event	
	 <p>The left image is a poster for a 'One Day WEBINAR' titled 'RETROFITTING OF OLD STRUCTURES' organized by the Department of Civil Engineering at Giani Zail Singh Campus College of Engineering & Technology, Bathinda. It features the names of the resource person (Er. Nipun Syal) and coordinators (Dr. Rakesh Kumar, Er. Sunita Kotwal, Er. Sukhdeep Singh) along with the date and time (Thursday, 25th June 2020, 3:00 PM).</p> <p>The right image is a 'CERTIFICATE OF PARTICIPATION' from Eduzphere, certifying that Ms. Anuja Gopal of Giani Zail Singh Campus College of Engineering & Technology, Bathinda, participated in the webinar on 25th June 2020. The certificate is signed by Navneet Kaur (Director) and Nipun Syal (CEO & Founder).</p>	

5 DAYS NATIONAL E-WORKSHOP

Sr. No	Event Details	Data
1.	Academic Year	2020-2021
2.	Name of Department	University Business School
3.	Title of Professional Event	5 Days National e-Workshop
4.	Date of Event Conducted	04/05/2020 -08/05-2020
5.	Name of Agency	Nil
6.	Mode of Event	ICT Based
7.	Total Number of Participants	122
8.	Summary of the Event	<p>An online 5 days workshop was conducted from 4^o May 2020 to 8 May 2020. More than 100 participants including faculty and students took participate in the workshop. Eminent speakers from India and Abroad enlightened the participants with their knowledge on Research. Globally renowned academician Dr Amandeep Dhir, LUT School of Business, Finland delivered a talk on Research Publications. During his talk Dr. Dhir emphasized on collaborative research and discussed various global opportunities available for researchers. Vice Chancellor of RIMT university, Prof. A.S. Chawla interact with participants and highlight the current research scenario in India and across the globe. Dean Faculty of Commerce and management, Prof. Sanjeev Sharma discuss various research grants available for researchers and students. Dean R&D, Prof. J.S. Hundal appreciate the enthusiasm of the participant and emphasized on the boosting research tendency in Indian universities. Dr Pritpal Singh Bhullar, Incharge UBS, presents the Vote of Thanks. Dean Academic Affairs., Prof. Savina Bansal hails the efforts of University Business School and emphasized on creating research work culture in the university. Vice Chancellor Prof. Mohan Paul Singh express his intention to make the MRSPTU a research-oriented university and appreciate the efforts by conducting a free five day e-workshop for the students, an faculty members during the tough times</p> <p>Benefits of the programme:</p> <ul style="list-style-type: none"> • Impart knowledge about performing literature review for research work • Give practical knowledge about various statistical tools used in research • Aware the participants about need of creating research culture in the educational institutes
9.	Photo of the Event	



10. News of the Event

दैनिक भास्कर बटिंडा, रविवार 10 मई, 2020 | 03

खोज कार्यप्रणाली विषय पर राष्ट्रीय ई-वर्कशॉप करवाई

भास्कर न्यूज़ | बटिंडा

महाराजा रंजीत सिंह पंजाब टेक्निकल यूनिवर्सिटी में खोज कार्यप्रणाली विषय पर 5 दिवसीय नेशनल ई वर्कशॉप का आयोजन किया गया। यूनिवर्सिटी बिजनेस स्कूल की ओर से आयोजित वर्कशॉप में देश भर की नामवर संस्थाओं के 100 से ज्यादा फैकल्टी व खोज विद्वानों ने भाग लिया। अरआईएमटी यूनिवर्सिटी के वीसी प्रो. एस चावला ने खोज में नैतिकता के बारे में अपने विचार साझा करते हुए समाज के लाभ के लिए खोज की गुणवत्ता में सुधार लाने पर जोर दिया। एल्यूटी स्कूल आफ बिजनेस फिनलैंड के विद्वान डॉ. अमनदीप धीर ने खोजकर्ताओं को सहयोगी खोज व उपलब्ध होने वाले विभिन्न ग्लोबल अवसरों का बेहतर उपयोग करने का आह्वान किया।

ई वर्कशॉप के कोआर्डिनेटर यूनिवर्सिटी बिजनेस स्कूल के ईचार्ज डॉ. प्रीतपाल सिंह भुल्लर ने इस आयोजन का मकसद व विभिन्न खोज मुद्दों जिनमें आंकड़े विश्लेषण में आंकड़ा विज्ञान के साधनों का उपयोग, खोज में चोरी-विरोधी, विभिन्न खोज फंड एवं फैकल्टी व



खोज विद्वानों के लिए ग्रैंट उपलब्ध करवाने के बारे में बताया। पंजाबी यूनिवर्सिटी यूआईएमएस प्रो. संजीव शर्मा ने सभी सेशन का संचालन किया।

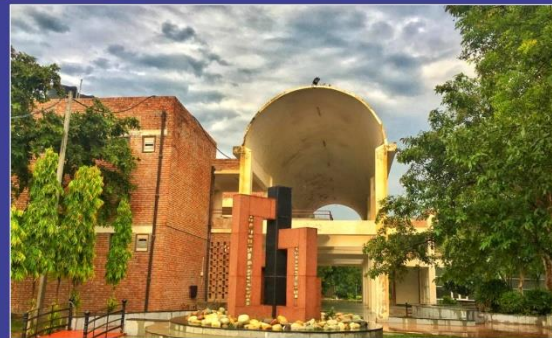
अपने प्रधानगी संबोधन में वीसी प्रो. मोहनपाल सिंह ईसर ने खोज मुखी यूनिवर्सिटी बनाने की गहरी इच्छा जताई। उन्होंने मुश्किल घड़ी में 5 दिवसीय ई वर्कशॉप करवाने को सराहा। डीन रिसर्च एंड डेवेलपमेंट प्रो. जसबीर सिंह हुदल ने यूनिवर्सिटी में खोज संस्कृति पैदा करने पर जोर दिया। वहीं सरकार द्वारा खोज फंड में कमी पर भी चिंता जताई। एक बार फिर विज्ञान व तकनीक में खोज फंड की महत्ता पर चर्चा छेड़ी। डीन एकेडमिक डॉ. सवीना बांसल ने खोज को मानव विकास व तरक्की का आधार बताते इसके माहिर करने को प्रेरित किया। रजिस्ट्रार प्रो. जतिंदर कौर व कंट्रोलर एग्जाम प्रो. करणवीर सिंह ने आभार जताया।



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