# **Supporting Documents**

3.3.2

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development

Sr.	<b>Department</b>	<b>Supporting Documents</b>
No.	160	
1.	Electrical Engineering	Detailed Report
2.	Food Science & Technology	Brochure/Photograph
3.	Journalism and Mass Communication	Details of Resource Person
4.	Humanities, Languages and Cultural	
	Studies	
5.	Amritsar Campus	



# **Department of Electrical Engineering**



# AICTE & IKGPTU Sponsored National Level One-week Faculty Development Program (FDP)

on



# Current Trends in Green Energy & Power System (03<sup>rd</sup> – 08<sup>th</sup> June, 2022)





Organized by
Department of Electrical Engineering
I. K. Gujral Punjab Technical University,
Main Campus Kapurthala, Punjab, India

https://ptu.ac.in

#### **FDP Coordinators**

#### Dr. Yadwinder Singh Brar

Dean (P&EP) Professor, EE

Email: braryadwinder@yahoo.co.in

Mob. No.: +91-9478098013

#### Dr. Naveen Kumar Sharma

Assistant Professor, EE

Email: naveen31.sharma@gmail.com

Mob. No.: +91-9882281525

#### IKGPTU MAIN CAMPUS KAPURTHALA

PTU was established by an Act of State Legislature on 16<sup>th</sup> January, 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. It was established as Punjab Technical University and renamed as I. K. Gujral Punjab Technical University by State Government in the honor to Late Sh. Inder Kumar Gujral, Former Prime Minister of India.

The University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas. The University has undertaken the task of training students to help in the development of skilled manpower in this sector in the country in general and in the state in particular. With this goal in mind, the university is promoting a number of courses in different streams in regular as well as distance education programmes. At present University have 121 AICTE and 65 UGC institutes affiliated with it.

IKGPTU Main campus has a sprawling campus spread over an area of about 78 acres, and is located on the outskirts of Jalandhar at about 20 kms from the bus stand. IKGPTU ranked 96<sup>th</sup> in 2019 NIRF India ranking and 3<sup>rd</sup> in Punjab after IIT Ropar, TIET Patiala. The institute offers 4-year Bachelor Engineering Courses (B.Tech.) in five branches of Engineering, 5-year degree course in Architecture (B.Arch.), M.Tech. and Ph.D. programmes in various specializations.

#### INTRODUCTION AND FDP OBJECTIVES

Electric power plays an important role in economic development of any nation. A secure, reliable and economic operation of power systems is very much essential for industrialization. The present trend towards deregulation in power sector is forcing electric utilities to improve their efficiency and reduce cost whereas customers are becoming more sensitive to reliability and power quality. Competitive power market has changed the traditional mission and mandates of power utilities in complex ways that has caused large impacts on environmental, social, and political conditions in several countries worldwide. RES and technologies have tremendous potential to provide solutions to the long-standing energy problems being faced by consumers in all developing countries. This FDP has been designed to familiarize the researchers and engineers working in the field of competitive power systems and energy operation with the core concepts of economic dispatch, unit commitment and optimal power flow.

#### **COURSE CONTENTS**

- Competitive Power Market
- Power System Operation, Economics
- Grid Integration of RES: Key Issues, Challenges and Solution
- Economic Dispatch of Electric Power System
- Electricity Market Operation
- ❖ AI & IoT Application in Power System
- Steady State Operation of Power System
- Energy Management, Demand Side Management Distributed generation
- Simulation of Power System & RES
- ❖ Power Quality & Harmonics Analysis
- Energy Scheduling & Forecasting Techniques
- Micro Grid, Smart Distribution System
- Power Flow and OPF and their programming
- Power Trading, Market Regulation and Policies
- Energy Storage and Electric Vehicle

#### **METHODOLOGY**

The one-week programme will be judiciously utilized by integrating theory classes, laboratory sessions, case studies and audio-visual presentations. Besides the institute faculty, experts will be invited from various esteemed institutions/ R & D organizations. This FDP will also be useful to various energy regulatory bodies, leading power project managers, engineers, production managers, academia, technical managers, plant superintendents, operators and maintenance personnel, and private power consumer companies.

#### TARGET GROUP

Teachers from recognized engineering colleges/ Institutions; practicing engineers from public/ private organizations with minimum qualification of Bachelor's Degree in any branch of Engineering/ or its equivalent M. Tech. and Ph.D. Research Scholars are eligible for registration. The number of participants is limited and will be selected on first come, first serve basis. The interested participants need to get themselves sponsored from their HOD/Principal/Head of Institution and send their request on prescribed performa.

#### **HOW TO APPLY:**

- ❖ Last date of receiving applications for participation in this FDP is May 31<sup>st</sup>, 2022.
- Information regarding selection will be displayed on institute website or selected candidates may also be informed by email.
- ❖ Send the filed registration form (scan copy) through email (naveen31.sharma@gmail.com) as attachment & submit the original hard copy at the time of first day in FDP registration.

#### IMPORTANT INSTRUCTIONS

There will be a **No-Registration Fee** any for sponsored participants from academic institutions and industry. Interested faculty from AICTE recognized Technical/ Govt. Institutes & Personnel from Industry can apply take print of application form. Seats are limited and applicants will be selected on first come, first serve basis.

No TA/DA will be given to any participant. Suitable arrangements for free boarding and lodging of participants will be made at students' hostel.

#### ORGANIZING COMMITTEE

Chief Patron

**Sh. Rahul Bhandari, IAS** Vice-Chancellor, IKGPTU

**Patron** 

**Dr. S.K. Mishra** Registrar, IKGPTU

Chairman

**Dr. Vikas Chawla** Dean Academics, IKGPTU

Co-Chairman(s)

**Dr Rajiv Chauhan**Coordinator AICTE

**Dr Satvir Singh**Deputy Dean (Engineering)

**Dr Gagandeep Kaur** Head EE

**Coordinators** 

**Dr. Yadwinder Singh Brar** Dean (P&EP) & Professor, EE **Dr. Naveen Kumar Sharma** Assistant Professor, EE

### **REGISTRATION FORM**

### **One-week Faculty Development Program**

# **Current Trends in Green Energy & Power System** $(03^{rd} - 08^{th} June, 2022)$

### Organized by

Department of Electrical Engineering, I. K. Gujral Punjab Technical University, Main Campus Kapurthala, Punjab, India

1.	Name of the Candidate
	<b>Designation</b>
	Email
	Office Tel No./Mobile No.
2.	Name of the Institution and Department:
3.	Address for Correspondence:
4.	Educational Qualification
5.	Experiences (a) Teaching
	(b) Industrial or others
6.	Accommodation Assistance Required (Yes/No)
Plac	ce: ()
Dat	e: Signature of the Candidate
Tren Tech	reby Dr./Mr./Msto participate in the FDP on "Current design of the FDP on "Current design of the FDP on "Current design of the Energy & Power System", during 03-08 June, 2022 being held at I.K. Gujral Punjab unical University, Kapurthala, Punjab, India. During the period of entire program. He/she would be designed of the Punjab.

Signature with Date & Seal Sponsoring Authority (HOD/Principal/ Director)

Note: 1. Photocopied/typed Reg. Form can be used or may be downloaded from institute website.

<sup>2.</sup> Send the filed registration form (scan copy) through email as attachment & submit the original hard copy at the time of FDP registration



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA

A State University Established Under Punjab Technical University Act, 1996 (Punjab Act No. 1 of 1997)

#### ਰਜਿਸਟਰਾਰ ਦਫ਼ਤਰ OFFICE OF REGISTRAR

Ref. No. IKGPTU/REG/ 309

Dated: 24.05.2022

Dr. Yadwinder Singh Brar (Professor) and Dr. Naveen Sharma (Assistant professor) Electrical Engg. Department, **IKGPTU Main Campus,** Jalandhar-Kapurthala Highway, Kapurthala.

Sub: Conduct of FDP on the topic "Current Trends in Green Energy & Power System".

Sir,

University has approved your proposal to conduct of FDP on the topic, "Current Trends in Green Energy & Power System" from 03.06.2022 to 08.06.2022, subject the following conditions:

- After completion of the FDP, the institute/Department has to submit the utilization certificate along with bills and report of the FDP to the University.
- The Scheme & Guidelines for Faculty Development Programmers are attached 2. herewith for your ready reference.
- Please send the account details, PAN number and copy of Cancel Cheque at deanacad@ptu.ac.in by May 25<sup>th</sup>, 2022 so that initial grant may be released accordingly.

You are requested to conduct the FDP as per University rules and submit the report and documents as mentioned in Scheme & Guidelines, after completion of the program.

#### Copy to:

Secretary to Vice Chancellor: for kind information to Hon'ble Vice Chancellor. 1.

Dean (Academics)

"Propelling Punjab to a Prosperous Knowledge Society Technical Univers

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITYS Jalandhar Kapurthala Highway, Kapurthala-144603.

Ph.: 01822-282521, 282501 Email: registrar@ptu.ac.in Website: www.ptu.ac.in

S CamScanner

# I. K. Gujral Punjab Technical University, Kapurthala-144603 (PB)

STATEMENT OF EXPENDITURE

SIAIEMENT	JI LIKE LI
Name of the Scheme under which Grant	AICTE - Technical University Joint
. value of the benefit under which Grant	for Toochers
was sanctioned	Training Programme for Teachers
	A STATE OF THE STA

Reference No.

: IKGPTU/REG/309 dated 24.05.2022

Title of the Programme

: Current Trends in Green Energy & Power System

**Duration of the FDP** 

: 03.06.2022 to 08.06.2022 (One Week)

Name of the Coordinators

: Dr Y. S Brar & Dr Naveen Kumar Sharma, EE IKGPTU Kapurthala

Organized at

: Department of Electrical Engineering, IKGPTU Kapurthala

**Number of Participants** 

**AICTE Sanctioned Grant IKGPTU Sanctioned Grant**  : 1,50,000/- (One Lakh Fifty Thousand Only) : 1.50.000/- (One Lakh Fifty Thousand Only)

S. No.	Heads	Details of Expenditures	IKGPTU
10.	Coordinator Honorarium	Honorarium to FDP Coordinator	3000
11.		Hostel Rent (Boys Hostel)	4000
12.	Boarding & Lodging	Mess Charges (Boys Hostel)	2250
13.		Hostel Rent (Girls Hostel)	1000
14.	,	Mess Charges (Girls Hostel)	820
15.		Flex	4696
16.	Stationary & Working	Study Material Stationary (ID Cards, Writing Pads, L-Folder, Marker, Pens)	4921
17.	Expenses	Bouquets for chief Guest	2000
18.		Refreshment (Tea, Snacks & Lunch)	55000
10.	Total	Utilization Funds	77687
		nctioned Amount	150000
		ance Amount	72313

Dr Naveen Kr Sharma Assistant Professor, EE Coordinator FDP (Name & Signature)

Dr Yadwinder Singh Brar

Prof. & HoD (EE)

(Name & Signature with Seal)

Department of Electrical Engineering Department of Civil Engineering I.K. Gujral Punjab Technical Univers

Kapurthala-144006

Dr Rajiv Chauhan

AICTE Coordinator, IKGPTU

(Name & Signature with Scal)

IKG PTU Main Can Kapuribola 1440

Prof (Dr) Vikas Chawla Chief AICTE Coordinator-cum-,

Delin (Accidentics) IKGPTU

Jalandhar-Kanurthala Highway, Kapurthala

(Name & Signature with Seal) Dr. Sukhbir Singh Walia

Finance Officer

IKG PTU Kapurthala

(Name & Signature of Chartered,

Name: VARINDER KUMA

Membership: 531121

Rubber Stamp:

Full Address: HNO 31

Department of Electrical Engineering I.K. Gujral Punjab Technical University Kaourthala-144006



Cerps

Head
Department of Electrical Engineering
I.K. Gujral Punjab Technical University
Kaburthala-144006

# I. K. Gujral Punjab Technical University, Kapurthala (PB)

FUNDS UTILIZATION CERTIFICATE (2022-23) Name of the Scheme under which Grant AICTE - Technical University Joint was sanctioned Training Programme for Teachers

Reference No.: IKGPTU/REG/323 dated 30.05.2022

Title of the Sustainable Energy Programme: Techniques Computing Applications

Systems (ACTSES)

Duration of the FDP: 15.06.2022 to 20.06.2022 (6 days-One Week) Name of the Coordinators: Dr. Akhil Gupta, Bil Department, IKOPTU Main campus, Kapurthala-144603, Punjab, and Dr. Gagandese Kaur.

and Dr. Gagandeep Kaur

Organized at: Department of Electrical Engineering, IKOPTU Main campus, Kapurthala-144603

Number of Participants: 55

AICTE Sanctioned Grant: 1,50,000/- (One Lakh Fifty Thousand Only) IKGPTU Sanctioned Grant: 1,50,000/- (One Lakh Fifty Thousand Only)

S. No.		Amount	Contract
(a)	IKGPTU/REG/310 dated 20.06.2022 & IKGPTU/REG/323 dated 30.05.2022	Rs. 1,50,000/-	Statements  Certified that out of Rs. 1,50,000/- of grants-in-aid sanctioned during the year 2022-23 in favour of Registrar, IKGPTU Kapurthala under this University Letter Ref. No.: IKGPTU/REG/323 dated 30.05.2022
(b)	Grant received	Rs. 90,000/-	A sum of Rs. 90,000/- was received at IKGPTU Kapurthala as advance.
(c)	Utilized Grant	Rs. 41,952/-	Rs. 41,952/- has been utilized for the purpose of Faculty Development Programme for which it was sanctioned.
(d)	Unutilized Grant	Rs. 48,048/-	Rs. 48,048/- remained un-utilized that has been surrendered on 06.07.2022 to IKGPTU Kapurthala. (Acc. No. 50100235790245; IFSC: HDFC0003402) to refund to All India Council for Technical Education)

Certified that I have satisfied my-self that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the propose for which it was sanctioned.

Dr Akhil Gupta Assistant Professor, EE

Coordinator FDP

(Name & Signature)

Dr Gagandeep Kau

Coordinator FDP

Dr Yadwinder Singh Brar Prof. & HoD (EE)

IK GPTU

Former Faculty, (Name & Signature with Scal)

Department of Electrical Engine. LK Gujral Punjab Technical Univ. Kopunhala-144666 144 603

Dr Rajiv Chauhan AICTE Coordinator, IKGPTU (Name & Signature with Seal)

Department of Civil Engineeries IKG PTU Main Camp

Kopurtna

Prof (Dr) Vikas Chawle 2 3 3 Chief AICTE Coordinator-cum-,

Dean Academic, IKGPTU (Name 41 Signature with Seal) Dr. Sukhbir Singh Walla

Finance Officer

IKO PTU Kapurthala

I.K. Guirol Punjob Technical University Jalandhar Kon-rihala Hintoray, Kapurtha'a

(Name & Signature with Seal)

Membership: 5311 11 Rubber Stamp:

Full Address: Huo 316/8, Shein

(Name & Signature of Chartered Accountant

Name: VARINDER KUMAR

Canal Punjab Tachnical University

**CamScanner** 



# ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ І. К. GUJRAI ВИЗИЛЕ КАРИКТНАLA 1. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA A State University Establish Technical University Act, 1990 (Punjab Act No. 1 of 1997) A State University Established Under Punjati Technical University Act, 1996 (Punjati Act No. 1 of 1997)

ਰਜਿਸਟਰਾਰ ਦਫ਼ਤਰ OFFICE OF REGISTRAR

Ref. No. IKGPTU/REG/ 343

Dated: 30-05-2022

monnsed |

Dr. Gagandeep Kaur (Associate Professor) and Dr. Akhil Gupta (Assistant Professor), Department of Electrical Engg., IKGPTU Main Campus, Jalandhar-Kapurthala Highway, Kapurthala.

Sub: Conduct of FDP on the Topic "Application of Computing Techniques in Sustainable Energy Systems-(ACTSES)"-Modification.

#### Sir/Madam,

In partial modification letter No. IKGPTU/REG/310 dated 24-05-2022 and University has approved your proposal to conduct of FDP on the topic, "Application of Computing Techniques in Sustainable Energy Systems-(ACTSES)". from 15.06.2022 to 20.06.2022, subject the following conditions:

- After completion of the FDP, the institute/Department has to submit the utilization certificate along with bills and report of the FDP to the University.
- The Scheme & Guidelines for Faculty Development Programmers are attached herewith for your ready reference.
- Please send the account details, PAN number and copy of Cancel Cheque at deanacad@ptu.ac.in by 31<sup>st</sup> May, 2022 so that initial grant may be released accordingly.

You are requested to conduct the FDP as per University rules and submit the report and documents as mentioned in Scheme & Guidelines, after completion of the program.

to: Secretary to Vice Chancellor: For kind information to Hon'ble Vice Chancellor.

Dean (Academics)

De Akhil Gupta

"Propelling Punjab to a prosperous Knowledge Society"

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY Jalandhar . Konurthala Misture. 17

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L.K. Gujral Punjab Technical University Kabunhala-144006





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Head
Department of Electrical Engineering
I.K. Gujral Punjab Technical Universit
Kaburthala-144006



### **One-week**

# National Level Faculty Development Programme (FDP) (AICTE & IKGPTU Sponsored)



on

**Applications of Computing Techniques in Sustainable Energy Systems - (ACTSES)** 



(June 15-20, 2022)

#### **FDP Coordinators**

#### Dr. Gagandeep Kaur

Associate Professor & HOD, EE

Email: gaganee@ptu.ac.in

Mob. No.: +91-9478098118

#### Dr. Akhil Gupta

Assistant Professor, EE

Email: akhilgupta1977@gmail.com

Mob. No.: +91-9465884873, 9855041124

#### Organized by

**Department of Electrical Engineering** 

I. K. Gujral Punjab Technical University- Main Campus

Jalandhar - Kapurthala Highway, Distt. Kapurthala-144603, Punjab, India

https://ptu.ac.in

#### **ABOUT THE UNIVERSITY**

Punjab Technical University was established by an Act of State Legislature on 16<sup>th</sup> January, 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. It was established as Punjab Technical University and renamed as I. K. Gujral Punjab Technical University (IKGPTU) by State Government in the honor to Late Sh. Inder Kumar Gujral, Former Prime Minister of India.

University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas. University has undertaken the task of training students to help in the development of skilled manpower in this sector in the country in general and in the state in particular. With this goal in mind, the university is promoting a number of courses in different streams in regular as well as distance education programmes. At present, University have 121 AICTE and 65 UGC institutes affiliated with it.

IKGPTU Main campus has a sprawling campus spread over an area of about 78 acres, and is located on the outskirts of Jalandhar at about 10 kms from the bus stand. IKGPTU ranked 96<sup>th</sup> in 2019 NIRF India ranking and 3<sup>rd</sup> in Punjab, after IIT Ropar & Thapar University Patiala. The institute offers 4-year Bachelor Engineering Courses (B.Tech.) in five branches of Engineering, 5-year degree course in Architecture (B.Arch.), M.Tech. and Ph.D. programmes in various specializations.

#### ABOUT THE DEPARTMENT

The Department was established in year 2014 in IK Gujral Punjab Technical University Main campus which currently offers **Undergraduate**, **Postgraduate** and **PhD programmes in Electrical Engineering**. The department boasts well-equipped laboratories with state-of-the-art technology which provides opportunities to students for hands on experience, thereby helping them in understanding the fundamental aspects. Spacious air-conditioned classrooms and world-class infrastructure caters for an environment where students can learn independently as well as in a team. Our outcome-based curriculum and experiential learning opportunities meet the emerging challenges that graduates face in the field. The department aims to create globally competent engineers with a professional outlook, top notch researchers and highly inspired techno-entrepreneurs.

#### **OVER VIEW OF THE PROGRAMME**

The programme is sponsored by AICTE, New Delhi & IKGPTU, Kapurthala. It is aimed to discuss the recent advancements of computing techniques taking place on the sustainable energy technologies and systems. The major topics to be covered in this programme are (i) Distribution systems, with AC/DC microgrids and smart grids (ii) Renewable energy systems (iii) Power electronics in renewable energy systems (iv) Solar photovoltaic and thermal energy (v) Biomass energy (vi) Wind energy (vii) Grid connected renewable energy systems, (viii) Energy storage and electric vehicles (viii) Power quality analysis using various simulation tools, and (ix) Innovative and future research directions on renewable energy technologies. Experts from the different reputed academic institutes, research laboratories and industries will be invited to deliver the various aspects of the programme. Apart from the invited experts, faculties of IKGPTU having expertise in the different areas related to the programme will also deliver lectures. The certificates will be awarded on the successful completion of the programme.

#### **MAJOR OBJECTIVES**

The major objective of this faculty development programme is to impart knowledge about the latest computing techniques for sustainable energy systems to the community of teaching and research. It also aims to enrich the participants with advances in renewable energy technologies, recent advances in power sector and smart grids.

#### ELIGIBILITY

The program is open for the faculty members, Post Graduate students & Ph.D scholars of Engineering, Diploma, & R&D labs from AICTE/respective/technical board/government approved technical institutions. This FDP is also open for participation from various energy regulatory bodies, leading power project managers, engineers, production managers, academia, technical managers, plant superintendents, operators and maintenance personnel, and private power consumer companies.

#### **IMPORTANT DATES**

Last date of receipt of duly filled registration form: June 12, 2022 Intimation of selection of participants: June 13, 2022

Commencement of the programme: June 15, 2022

#### **METHODOLOGY**

The one-week programme will be judiciously utilized by integrating theory classes, laboratory sessions, case studies and audio-visual presentations. Besides the institute faculty, experts will be invited from various esteemed institutions/R & D organizations. This FDP will be useful to various energy regulatory bodies, leading power project managers, engineers, production managers, academia, technical managers, plant superintendents, operators and maintenance personnel, and private power consumer companies.

#### **HOW TO APPLY**

- Send the duly filled registration form (scanned copy) through email: **akhilgupta1977@gmail.com** as attachment. Submit the original hard copy at the time of first day in FDP registration.
- Last date of receiving registration form for participation in this FDP is **June 12, 2022.**
- Selected candidates will be informed by email/phone.

#### **IMPORTANT INSTRUCTIONS**

There will be No-Registration fees for any participants from academic institutions, industry & research organizations. The interested participants from these organizations can fill the attached registration form & send its scanned copy by email in advance. Seats are limited and applicants will be selected on first come, first serve basis.

No TA/DA will be given to any participant. Suitable arrangements for free boarding and lodging of participants (On request basis) will be made at students' hostel in the university campus.

#### **ORGANIZING COMMITTEE**

#### **Chief Patron**

**Sh. Rahul Bhandari, IAS** Vice-Chancellor, IKGPTU

**Dr. Rajiv Chauhan**Coordinator AICTE

**Dr. Yadwinder Singh Brar**Professor, EE

**Dr. Naveen Kumar Sharma**Assistant Professor, EE

#### Patron

**Dr. S.K. Mishra** Registrar, IKGPTU

#### Co-Chairman(s)

**Dr. Satvir Singh**Deputy Dean (Engineering)

#### **Internal Committee**

**Dr. Gagandeep Kaur** Associate Professor, EE

**Dr. Akhil Gupta** Assistant Professor, EE

#### Chairman

**Dr. Vikas Chawla**Dean Academics, IKGPTU

**Dr. Yadwinder Singh Brar** Professor, EE

**Dr. Deepika Bhalla** Assistant Professor, EE

#### **REGISTRATION FORM**

One-Week National Level Faculty Development Program
(AICTE & IKGPTU Sponsored)

on

**Applications of Computing Techniques in Sustainable Energy Systems - (ACTSES)** (June 15 - 20, 2022)

#### Organized by

Department of Electrical Engineering, I. K. Gujral Punjab Technical University-Main Campus, Jalandhar - Kapurthala Highway, Distt. Kapurthala, Punjab, India.

Name of the Candidate (Dr./Mr./	/Ms.)
<b>Designation</b>	
Name of the Department	
Email ID	
Office Tel No./Mobile No	
Address for Correspondence:	
Highest Academic Qualification.	eaching(b) Industrial or others
Accommodation Assistance Requ	uired (Yes/No) :
Place:	()
Date:	<b>Recommendation</b> Complete Signature of the Candidate
I hereby permit Dr./Mr./Ms	
in the FDP on Applications of Cor 15-20, 2022) being held at I.K. Gu During this period, he/she would b	mputing Techniques in Sustainable Energy Systems (ACTSES) (June ujral Punjab Technical University, Main Campus, Kapurthala, Punjab. e on the official duty.
	Complete Signature with Date & Seal Sponsoring Authority (HOD/Principal/Director)

Note: 1. Photocopied/typed Reg. Form can be used or may be downloaded from institute website.

2. Send the filed registration form (scan copy) through email as attachment & submit the original hard copy at the time of FDP registration.

#### **Contacts**

**Dr. Gagandeep Kaur,** Email: gaganee@ptu.ac.in Mob. No.: +91-94780-98118

**Dr. Akhil Gupta**, Email: akhilgupta1977@gmail.com Mob. No.: +91-94658-84873, 98550-41124

# **Department of Food Science & Technology**



#### Report on the 2 days' workshop on the title

#### IGNITE YOUR POTENTIAL THROUGH EFFICIENT LIFE SKILLS

Organized of DFST, 1KGPTU for its students

A 2-days workshop was entitled Ignite Your Potential Through Efficient Life Skills was organized by Department of Food Science and Technology, IKGPTU, Kapurthala on December 09-10, 2021, Ms. Manjula Salaria, CEO of The Transformers Value Educators was the resource person of the workshop. She interacted with the students and make all the students to actively participate through various intriguing activities. The students of courses like BSc Food Technology 1st year, MSc Food Technology 1st year and 2nd year, MSc Clinical Research 1st year and 2nd year participated in the program.

The workshop begins with the formal inauguration session at auditorium where Deputy Dean Dr. Satvir Singh, HoD Dr Rajneesh Kant Sachdev, Deputy Director CR&A Mr. Navdeepak Sandhu, Resource person Ms. Manjula Salaria and Assistant Professor Dr. Gazal Sharma formally inaugurated the event. The participating student were very excited about the workshop and hence it started on time in the seminar hall of IKGPTU. The event started with Saraswati Vandana and Lamp Lightning. All the dignitaries shared their kind and thought-provoking message and blessings with the august gathering. Ms. Salaria took over the session from there and interacted with the students. The first activity was given to the students to draw themselves related to any nature object or organism on the piece of paper. A few students and dignitaries were keen to share what they drew. Students were able to express themselves easily through drawing. This activity was an eye opener about the individual personality of the participants. For the further activities the participants were taken to the lawn where they started with their different outdoor activities with stating their values that they follow with hearts to acknowledge their gratitude. Students were categorized based on what value they chose amongst thankfulness, health, responsible, friendly and to prove these values they were given different physical activities. Ms. Salaria taught students about teamwork by splitting them into 5 groups, in which she asked students to build the highest tower with newspapers and told the students about time management and team work. Students were enjoying and indulge in the activity. Then, these groups were asked to talk about their weakest.

Head 24/4/32
Deptt. of Food Scien - & Technology
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point in life to make them more comfortable with each other. An exaggerate version of rock, paper and seissor that is SHIKSHA, SHISHTACHAR AND PATHRAY was performed by the students to make them aware about education, civility, and power. Furthermore, dodge ball activity was performed to make students cheer for their teammates and also to gain individuality. The second day started with self-reflection from the first day sessions while doing breathing exercise. Which move further with theater was performed by the students on sensitive topics like generation and gender gap, so that students could know what it is like to be in someone else's shoe. Then, students were asked to capture the surroundings as a photographer and camera to make them realize the importance of their own perspective. Then, three islands of students were made with different disabilities like an island was paralyzed, other was blind and third was deaf and dumb and they had to help each other to reach the safe island. This activity thought the students' compassion and empathy. Then, girls and hoys were separated and asked to move without using their legs. From this activity students learned about gender individuality. Then each student was asked to write something about the person from the group who inspired them the most which made the students appreciate others too. At the end, students formed a train connected with balloons and were asked to move a short distance which taught the students value of connection and bond. And with this the 2-days workshop ended. Dr Gazal Sharma was the moderator for the 2 days workshop. These 2 days workshop sensitized the students about the benefits of having positive attitude and how one can build positive attitude. The students are also made to learn on setting priorities and time management. Team building and ability to generate leadership qualities etc. were the key take aways of the students from this workshop. The workshop ended with the felicitation ceremony where resource person was felicitated by Dean Academics Dr Vikas Chawla and students submitted the feedback was collected in the predesigned performa.

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Head Deptt. of

Leptt, of Family Science & Technology

### Workshop on Igniting Potential through learning efficient life skills (09-12-2021 to 10-12-2021)





Deptr. of Four Science Sciences Victorial Science Conversity

LK Gujral Punjab Technical University

KAPURTHALA

### Workshop on Igniting Potential through learning efficient life skills (09-12-2021 to 10-12-2021)





Deptt, of Food Science & Technology

i.K. Gujral Punjab Technical University

KAPURTHALA

#### <u>Details of Resource person for Igniting Potential through learning efficient life skills</u> <u>Workshop Date 09-Dec-2021 to 10-Dec-2021</u>

Ms. Manjula Salaria CEO-The Transformers- Value Creators, Sector 38-C Chandigarh

Deptt, of Food Science & Technology
LK. Gujral Punjab Technical University
KAPURTHALA



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Estd. Under Punjab Technical University Act, 1997

Ref. No. IKG PTU/FST/D-491

Dated.06 12 2021

Ms. Manjula Salaria CEO-The Transformers Value Creators Sector 38-C Chandigarh

Subject: Invitation letter to be a resource person in the 2 days' workshop

Dear Madam,

I am writing to you with a warm heart and wishes. I hope you are in the best of health and spirits. As you may have had the pleasure of knowing we are conducting a 2 days' workshop on **Ignite Your Potential with Efficient Life Skills** for the students of Department of Food Science and Technology at IKGPTU, Kapurthala. Your name has been nominated to be the resource person for this event for 2 days. Participating students will benefit by your vivid experience, insights, support, encouragement, and vision.

Date: December 09-10, 2021 Time: 9:30 am-4:30 pm

Venue: Department of Food Science and Technology, IKGPTU

We keenly look forward to your benign presence & support to make this workshop a great learning experience. TA/ DA and Honorarium will be paid as per university norms.

For any kind of queries you may contact Dr Gazal Sharma, Asst Professor through call or sending message at +91-9478098063.

With regards

Head (Department of Food Science & Technology)

I.K. Gujral Punjab Technical University

Main Campus Kapurthala Deptr. of Food Science & Technology
LK. Gujral Punjab Technical University
KAPURTHALA

I.K. Gujral Punjab Technical University, Main Campus, Jalandhar-Kapurthala, Kapurthala, Website: <a href="mailto:www.ptu.ac.in">www.ptu.ac.in</a>, E-Mail Id: <a href="mailto:pturajneesh@ptu.ac.in">pturajneesh@ptu.ac.in</a>, Contact: 9478098021

# **Department of Journalism and Mass Communication**



#### IK Gujral Punjab Technical University

#### ACTIVITIES OF JOURNALISM AND MASS COMMUNICATIN DEPARTMENT

#### (National Press Day-2021)

#### Journalism is more dependent on Passion than Profession: Registrar SK Misra

The challenges in journalism are very high, while the opportunities are also immense. These opportunities have more exposure than other professions. Journalism is more a passion than a profession. Despite corporate interference, journalists are doing ethical journalism in every segment. This is the beauty of this passionate journey. These are the conclusions drawn from various lectures by experts during a special program organized on National Press Day at IK Gujral Punjab Technical University (IKG PTU). An expert talk was organized in two sessions by the Department of Journalism and Mass Communication of the University on National Press Day. In this, Chief Correspondent Pankaj Kapahi and Senior Correspondent Tanbir Dhaliwal were invited. Tanbir Dhaliwal represents Print Journalism as experts & Pankaj Kapahi talks about Electronics Media. University Registrar Dr. S.K Misra presided over the event.

Registrar Dr. S.K Misra said that journalism depends more on passion than profession. Expert Pankaj Kapahi spoke on the challenges in journalism in an interactive session with the students. He told how a TV anchor and journalist has to handle a live session, in which on asking a sentence, it is read to be informed about its front and back aspects. At the same time, while doing live reporting and coverage of sensitive issues, he also gave information about self- defense. In this session, the students were very impressed by the voice of journalist Kapahi, pronunciation of his words and information about the occasion. Second session was on print journalism & Expert was Tanbir Dhaliwal. She gave various information including examples about credibility challenges in the era of social media and web media. During this, he also talked about the challenges faced by women journalists. Tanbir Dhaliwal also spoke on the role of Ethics and PCI. Expert speakers were welcomed in the program by Dr. (Prof) Ranbir Singh, Head of the Department of Journalism and Dr. Ekta Mahajan, Assistant Professor, while the vote of thanks was read by Rajneesh Sharma, Deputy Registrar Public Relations of the University.

A video made by student Saksham was highly appreciated. Student Nikhil Sharma handled the responsibility of directing department photography and videography in very well manners. Faculty of the department Dr. Balbir Kumar, Mangla Sahni and HK Singh were present in the function. On this occasion, the National Press Day cake was also cut by the department faculty & students.

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## **IKGPTU CELEBRATED NATIONAL PRESS DAY**

iii 16/11/2021 10:05 am (https://ptu.ac.in/ikgptu-celebrated-national-press-day/) iii all-news-events (https://ptu.ac.in/category/all-news-events/), Journalism & Mass Communication (https://ptu.ac.in/category/journalism-mass-communication/) Ptu\_Admin ()

Comments (https://ptu.ac.in/ikgptu-celebrated-national-press-day/#respond)



Field Journalist Sandeep Oberoi interacted with Journalism students

Physical Communication

Repartment of Journalism & Mass Communication

IKG Punjab Technical University

Kapurihala-144603 (Pb.)

Jalandhar/Kapurthala: I.K.Gujral Punjab Technical University students & faculty celebrated National Press Day at its Department of Jo Communication. On this joyous occasion the department organized a guest lecture. Mr. Sandeep Oberoi, senior field journalist with ZEE MEDI/speaker. In the beginning Dr. Ranbir Singh, Head, Department of Journalism & Mass Communication give the floral welcome to the resource person

While addressing the students journalist Oberoi highlighted the utmost qualities of a true journalist & shared his thoughts about the courage of that to be a good journalist one needs to have a good IQ level. He further shared his experiences and delivered some valuable information relate resource person also answered gently all the queries and cleared the doubts of the students.

Dr. Ekta Mahajan, Assistant Professor delivered vote of thanks to the guests. She expressed her gratitude towards Journalist Oberoi who took out guide the students of Journalism and Mass Communication.

Moreover, two days ago the department organized a Photography competition. First prize has been awarded to Sooraj (BA 1st sem), Sanskriti and shared a joint second position. Sakshi (BA 3rd sem) secured the third position. All the participants were appreciated by Dr. Ranbir Singh for their sin

On this occasion faculty members Dr.Balbir kumar, Ms. Mangla Sahni, Mr. Shiva and others were present.

Prev Post

(https://ptu.ac.in/legal-aid-for-every-needy-person-is-available-at-one-knock/) (https://ptu.ac.in/world-wetland-day-7-feb-2019/)

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pariment of Journalism & Mass Communication

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# **Department of Humanities, Languages and Cultural Studies**



## IK Gujral Punjab Technical University, Main Campus Kapurthala

Ta

The Dean Academics

IKGPTU

Subject: Report - Soft Skills Training at IKGPTU, Main Campus Kapurthala

Most Esteemed Sir,

Reference to the Office Order no. IKGPTU/DR/MC/2022/688 dated 04.05.2022 on the subject cited above, the report as required for the session 2022-23 is attached herewith.

Submitted for your further perusal, please

Priyanka Mahajan

Department HLCS

Encl:

Copy of Report

Department of Humanities, Languages and Cultural Studies

IK Gujral Punjab Technical University, Jalanethar

## Report

On

## Soft Skills Training- Session 2022-23



Submitted to:
Prof. (Dr.) Vikas Chawla
Dean Academics

Prepared by:
Priyanka Mahajan,
Assistant Professor, English
Department of HLCS

I.K. Gujral Punjab Technical University, Main Campus Kaputhala, PUNJAB

June 7, 2023

# 1<sup>st</sup> Initiative Training on Soft Skills (June 20-24, 2022)

Under the effective leadership and kind support of then Hon'ble Vice Chancellor Sh. Rahul Bhandari, Worthy Registrar Dr. S. K. Mishra and Respected Dean Academics Prof. (Dr.) Vikas Chawla, One Week Training Programme on Soft Skills was successfully conducted for the students of all programmes (UG/PG/PhD) at IKGPTU, Main Campus.

#### Highlights of the Programme:

- · Around 230 students from the campus registered through Google link,
- Around 85 confirmed their participation in programme through their physical attendance in department HLCS
- 47 students completed the training programme.
- The domains covered and resource persons under Soft Skills are:

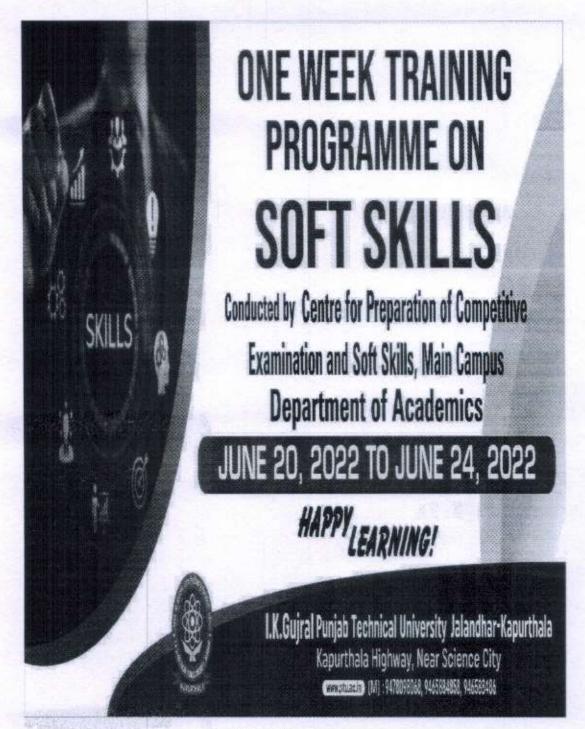
#### **Domains Covered:**

- · Values, Ethics and Positive Thinking
- Communication Skills: Non-verbal Aspects & Presentations
- · Emotional Intelligence
- · Teamwork and Interpersonal Communication

· Soft Skills for Employability

Department of Humanities, Languages and Cultural Studies

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#### Schedule of the Programme

Date (Day) & Time	Name & Institute	Domains to be taken up	
June 20, 2022 (Monday)	Dr. Naina Sharma	Values, Ethics & Positive Thinking	

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Department of Humanities, Languages

and Cultural Studies

IK Gujral Punjab Technical University, Jalandhar

10:30 am-12:30 pm	Assistant Professor, Psychology Department of Distance Education Punjabi University, Patiala	
June 21, 2022 (Tuesday) 10:30 am-12:30 pm	Dr. Priyanka Mahajan Assistant Professor, English Department HLCS, IKGPTU	Communication Skills (Non-verbal Aspects-GD/Presentations)
June 22, 2022 (Wednesday) 10:30 am-12:30 pm	Mr. Vivek Atray, ex IAS Author and Motivational Speaker JPA Toddlers World School Sector 10, Panchkula	Emotional Intelligence
June 23, 2022 (Thursday) 10:30 am-12:30 pm	Dr. Rohit Markan Professor, Chandigarh School of Business CGC Jhanjeri Mohali	Teamwork and Decision Making
June 24, 2022 (Friday) 10:30 am-12:30 pm	Dr. Rohit Markan Professor, Chandigarh School of Business CGC Jhanjeri, Mohali	Soft Skills for Employability

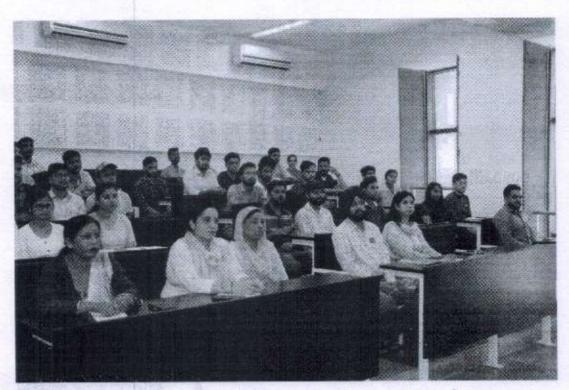
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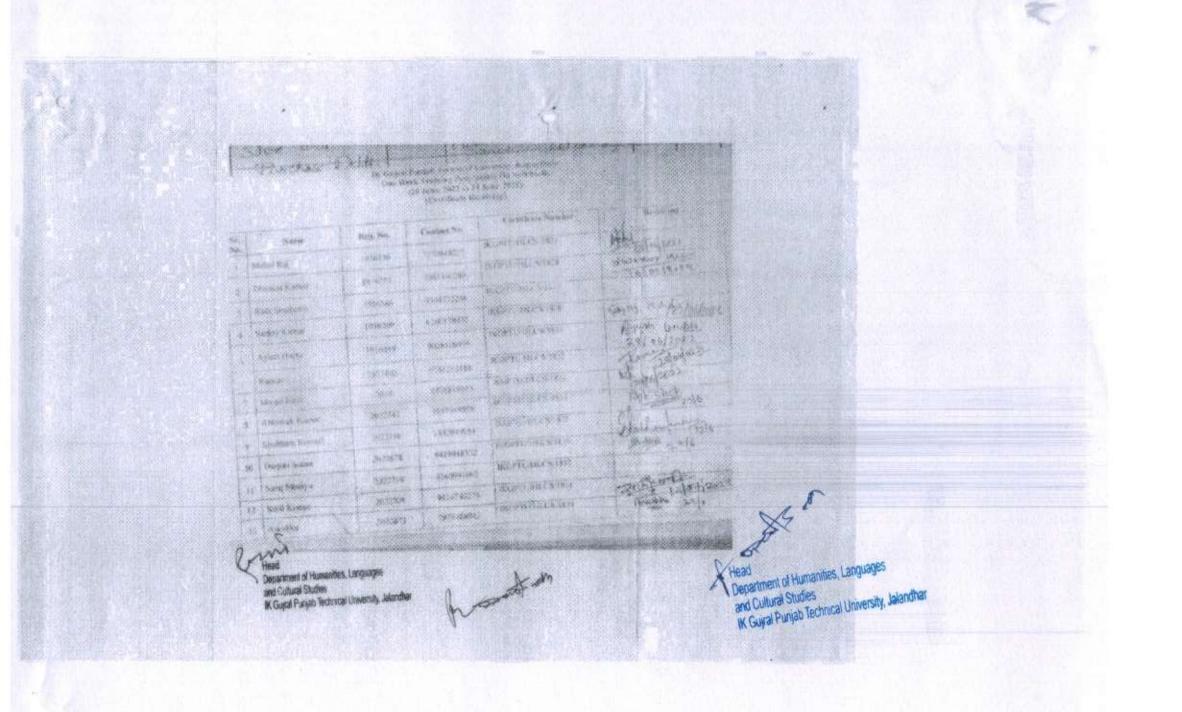
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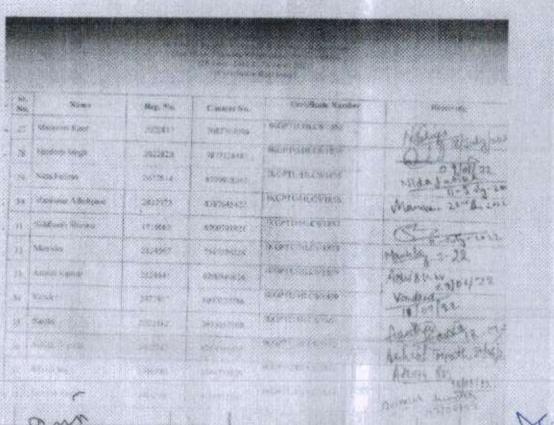
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	Sr. No.	Same	Reg. No.	Contact No.	Certificate Number	Receiving
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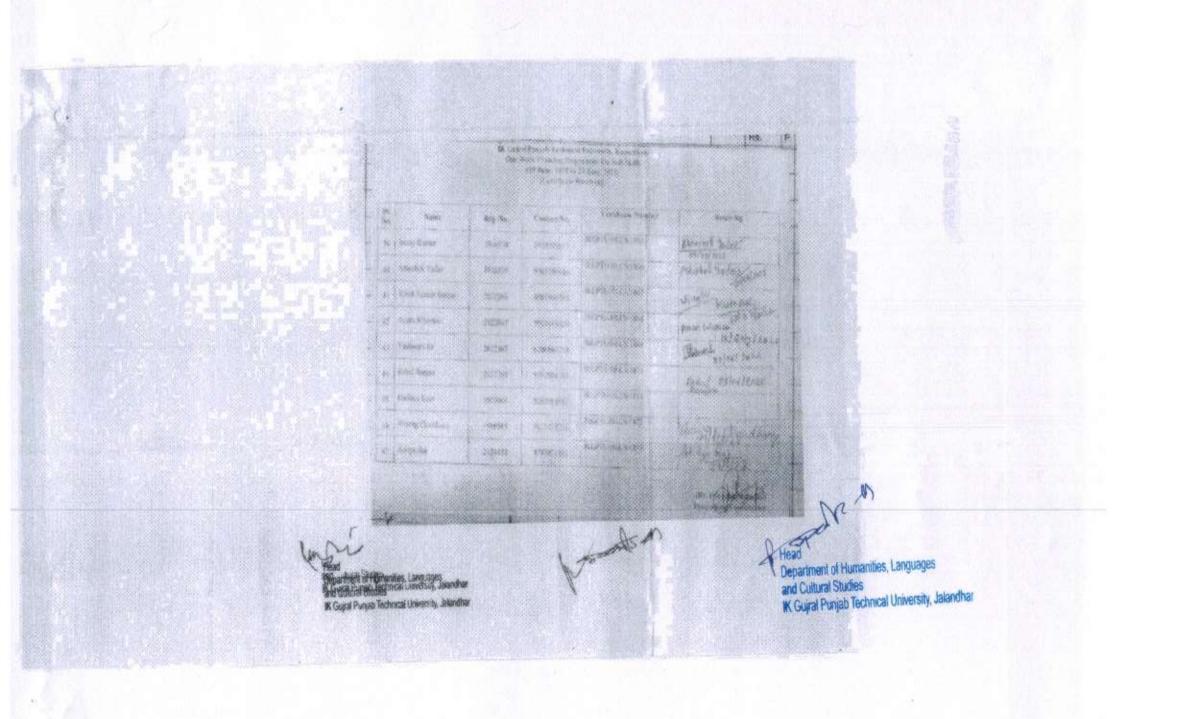
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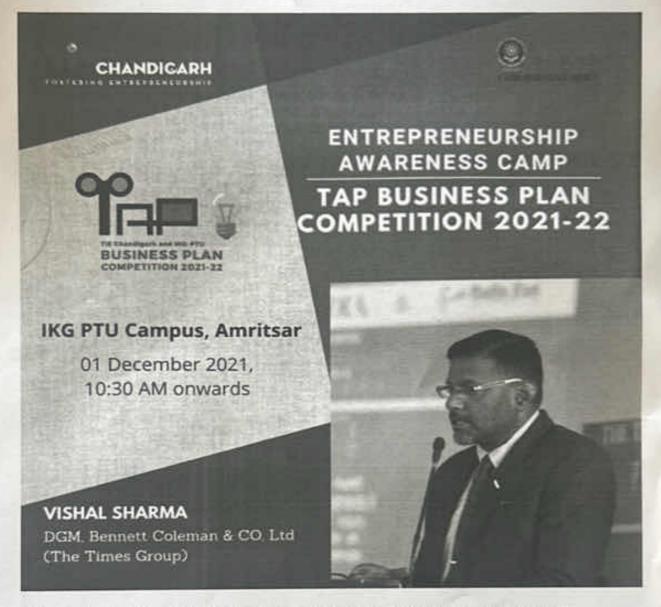
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# **IKGPTU Amritsar Campus**



### TAP BUSINESS PLAN COMPETITION 2021-22 (01 December, 2021)



With an objective to motivate students to participate in TAP Business Plan (2021-22) Competition, I. K. Gujral Punjab Technical University Amritsar Campus organized Entrepreneurship Awareness Camp session in collaboration with IKGPTU and TiE.

Mr. Vishal Sharma, Deputy General Manager, Benett & Coleman Company Limited (The Times Group) interacted with the students and make them realize the importance of entrepreneurship development in the present scenario.

Ms. Anjum Singh, Executive Director, TiE Chandigarh gave the insights of TAP B Plan 2021-22 and motivated the students for maximum participation this year and Mr. Neeraj Kapoor accompanied her.

Dr. Amit Sarin, Director (IKGPTU Amritsar Campus) and Dr. Mrigender Singh Bedi, Assistant Director (CR&A), IKGPTU welcomed the guests with inaugural welcome.

I.X. Gapral Ponjab Technical University Amelitair Compus Near Cipet College, Polytechnic Road, Chibeharta, Amelitair Ponjab 143105 Ph. 0183-2450034 E-mail: campus amelitair Spott ac la Mr. Tarun Kanodia, (Innovation and Entrepreneurship Development Cell Coordinator), IKGPTU Amritsar Campus gave the vote of thanks to all the guests, faculty, staff members, Student Coordinators and all the participating students.

Dr. Sukhminderbir Singh Kalsi, AP(Coordinator - Department of ME), Dr. Vipul Sharma, AP(Coordinator - Department of CSE), Er. Rajdeep Singh, AP(Coordinator - Department of CA), Dr. Prabhkiran Kaur, AP (Deptt. of ME), Mr. Saurabh Sharma (Deputy Registrar), Mr. Ajay Kumar (Youth Officer) graced the occasion with their presence.

The session was very informative and very inspiring. IKGPTU Amritsar Campus always try to motivate students for becoming Job Creator instead of Job Seeker and participate in building a Self Sustained World.



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# **IKGPTU AMRITSAR CAMPUS**

(Entrepreneurship Awareness Camp) 01-Dec 2021

Sr. No	Attendance Sheet Name of the Student	Roll Number	Signature
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2	ABHISHEK KUMAR	1916840	WHY
3	AKANCHHA SRIVASTAV	1916841	PULDWEHA S PLUE
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14	MANSHU SAINGAR	1916855	Manshu Saireat
15	NILESH KUMAR	1916856	Miller Kurnon
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17	PARASPREET SINGH	1916859	PAHASPRET SINGE
18	PRAKASH THAKUR	1916860	porter Traker
19	PRIYA KUMARI	1916862	Kinga pumati
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30	Ashutosh Gupta	2023713	ASULTOSH GRUPTE
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33	Harshit Kumar Dwivedi	2023726	Clarent kuna Durr
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35	Manveen Kaur	2023735	Mameen Kar
36	Priyanka	2023742	Fritzuba
37	Ram Singh	2023745	Row Sant
38	Ravi Shankar	2023747	Raus ghantan
39	Ravikant Singh	2023748	Auricant logh
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41	Simrandeep Singh	2023754	shrandy six
42	Srishti Pandey	2023758	strighti bander
43	Varnit Sharma	2023762	Vasnit Sharmin
44	Vashudev Patidar	2023763	Vallette pastidan
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