## **Department: IKGPTU Mohali Campus-II**

Workshops/ Seminars conducted on Research Methodology, Intellectual Property Rights, entrepreneurship, skill development

#### **Documents Attached**

- Report of the event
- Brochure /Photograph of the event



# **One Week - Faculty Development Programme: Report of the Event**

AICTE and IKGPTU sponsored a one-week "Faculty Development Programme on Applications of Geospatial Technologies in Architecture and Civil Engineering' 16–20 December 2019 at IKGPTU Mohali Campus-II

AICTE and IKGPTU sponsored a one-week 'Faculty Development Programme' on "Applications of Geospatial Technologies in Architecture and Civil Engineering' was organized from 16–20 December 2019 at IKGPTU Mohali Campus-II. About 40 faculty members/ Research Fellows from Punjab, Haryana, Rajasthan and Jammu&Kashmir attended this program. Dr. Rajiv Chauhan, HoD, Civil Engineering, Principal Coordinator of FDP and Dr. Prabhjot Kaur Director IKGPTU Mohali Campus-II inaugurated the FDP on 16th December.

This faculty development program provided an opportunity for the faculty members to update their knowledge in this field.

Geospatial technologies like Remote sensing, the global positioning system (GPS), and geographic information systems (GIS) are important geospatial technologies that are a useful tool for resource assessment and management and at the same time helps in planning and implementation of various developmental and other projects. The latest updates on these technologies were given to the faculty members in this FDP.

This faculty development program was designed as a comfortable first step for people who wish to upgrade the skills and knowledge in this field and deliver the same to society. The course content was intended to provide an overview of the concepts and application of GIS and Remote Sensing. This program included lectures, tutorial and practical sessions delivered by the experts from Panjab University, PEC University of technology, IIT Ropar, PRSC Ludhiana, covering the theme. The hands-on training was especially given to participants from the expert team from ESRI New-Delhi.

Participants were given the certificate of accomplishment and study material by Prof Prabhjot Kaur (Director Mohali campus-II) and Dr. Rajiv Puri, Principal Polytechnic college, on the valedictory session of the Faculty Development Program on 20th December 2019.

Dr. Mukta Sharma

FDP Coordinator

Incharge

IKGPTU Mohali Campus-II

List of Annexures:

- 1. FDP Letter
- 2. Brochure
- 3. Schedule
- 4. List of Resource Persons
- 5. List of participants
- 6. Utilization certificate

Director

Makali Campus-II

Muntosh



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

Estd. Under Punjab Technical University Act, 1996 (Punjab Act No. 1 of 1997)

Dr. S.S. Walia Registrar

Ref. No. IKGPTU/REG/ 1216

Dated 09/07/2019

Dr. Prabhjot Kaur, Director, IKGPTU Mohali campus-II, Mohali.

Conduct of FDP on the topic "GIS Applications in Architecture and Civil Sub:

Engineering ".

Sir,

University has approved your proposal to Conduct of FDP on the topic "GIS Applications in Architecture and Civil Engineering" from 16.12.2019 to 20.12.2019, subject the following conditions:

- 1. After completion of the FDP, the institute has to submit the utilization certificate along with bills and report of the FDP to the University.
- 2. The Scheme & Guidelines for Faculty Development Programmers are attached herewith for your ready reference.
- 3. Please Send the account details, PAN Number and Copy of Cancel Cheque, at mohitkjain@ptu.ac.in by July 12<sup>th</sup>, 2019 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.

Regards!

(Dr. 3.S. Walia)

Registrar cum Director, IRC-UHVE

LKG.P.T.U

Mobali Campus-II

"Propelling Punjab to a prosperous Knowledge Society"

Much

I.K. Gujral Punjab Technical University

Jalandhar Kapurthala Highway, Kapurthala-144603. Ph.: 01822-282521, 282501 Email: ahluwaliasukhbir@gmail.com, registrar@ptu.ac.in Website: www.ptu.ac.in



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Submit

#### Registered Participants

	Fig. No. 20	r nau Ω	Annin	Address	Challfeation & Experience	Registration. Date	Accommoda
1	Irfan Mohi Ud Din	irfanmohiuddin@hotmail.com	9797725800	Civil Engg. Guru Nanak Institute of Engineering and Management,Naushehra Hoshiarpur hoshiarpur-144208(PB)	Post- Graduate 2 Years	23-10-2019	Yes
2	Vijay Lewis Ehristopher	ar_christopher@rediffmail.com	9779905229	ARCHITECTURE RIMT COLLEGE OF ARCHITECTURE MANDIGOBINDGARH- 147301(PB)	Post- Graduate 16 Years	08-11-2019	No
3	Mandeep Kaur	ar.mandeepkr@gmail.com	9814990273	Architecture RIMT-College of architecture,Mandi- Gobindgarh Sirhind-140406(PB)	Post- Graduate 5 Years	08-11-2019	No
1	Roopali Bansal	roopali_bansal@yahoo.com	9592831116	Architecture RIMT-College of architecture, Mandi- Gobindgarh Mandi-Gobindgarh- 141411(PB)	Post- Graduate 15 Years	09-11-2019	No
5	Amit Gupta	amitguptacgc@gmail.com	9465884838	ECE IKG PTU Main campus Kapurthla-144603(PB)	Doctoral 17 Years	21-11-2019	No
3	Rajnish Walia	rajarchbuild@hotmail.com	9872211512	Architecture RIMT College of Architecture, Mandigobindgarh rajpura-140401(PB)	Post- Graduate 19 Years	26-11-2019	No
,	Sushmi Nimje	nimjesushmi@gmail.com	8962157856	Architecture and Planning MNIT, Jaipur Jaipur-302017(RJ)	Post- Graduate 2 Years	26-11-2019	Yes
3	Ajitesh Murmu	ajitesh.1917@gmail.com	8287337882	BACHELOR OF ARCHITECTURE SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI DELHI-110092(DL)	Under- Graduate 0 Years	27-11-2019	Yes
)	Himmi Gupta	himmigupta.nitttr@gmail.com	982095380	Civil Engg National Institute of Technical Teachers Training and Research, Chandigarh Chandigarh-160019(CH) Architecture and Campus-1K. Gujral-	Post- Graduate 13 Years	27-11-2019	No
0	Garima charge.php	toorgarima20@gmail.com	80 <b>BIF</b> 6516	Architecture and Jral	Punjab Tec Mohali Car	27-11-2019	sity Yes

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-				Dala	DAV University andhar-144012(PB)	Graduate (	05-12-2019	Yes
Sing Ranj Singl	inh a	ar.sandeepsingh@yahoo.com	9888778800 9872465866	Fere	BSSTC Ferozepur ozepur-152004(PB)	4 Years Post-	05-12-2019	Yes
Kau	rinder (	gurinder.civil@cumail.in	7508667055	кн	VIL ENGINEERING CHANDIGARH UNIVERSITY HARAR-140413(PB) hool of Architecture	7 Years	05-12-2019	No
Dár Kau	mandeep	damandk86@gmail.com	9815479817		Architecture IKG PTU Campus Mohali-II Idhiana-141114(PB)	Post- Graduate 9 Years	04-12-2019	No
	shpa  mar	yashkumar0712@gmail.com	7986715117		Clvil SSIET , Dera Bassi Punjab-140507(PB)	Post- Graduate 5 Years	04-12-2019	Yes
Nir	rmita	nirmita2006@gmail.com	981861793	13 1	rchitecture & Planning Gautam Buddha University, Gr Noida GREATER NOIDA- 201310(UP)	Doctoral 25 Years	03-12-2019	Yes
M	egha Puri	megha.puri@ggi.ac.in	959289287	76 LL	CIVIL ENGINEERING GULZAR GROUP OF INSTITUTE JDHIANA-141401(PB)	Post- Graduate 2 Years	03-12-2019	No
8	arafit Iqbal han	zarafitkhan786@gmail.com	77808430;	E	civil AMAN BHALLA INSTITUTE OF ENGINEERINRG AND TECHNOLOGY pathankot-145025(PB)	Post- Graduate 2 Years	02-12-2019	Yes
1	Navdeep Singh	ns.s2007@rediffmail.com	95014621	174	civil engineering Chandigarh group of colleges mohali-140301(PB)	Post- Graduate 5 Years	02-12-2019	No
10	Gagandeep Singh	gagandeep.singh@bbsbec.ai	c.in 98789730	008	Civil Engineering B.B.S.B.E.C, FGS Fatehgarh Sahib- 140407(PB)	Post- Graduate 5 Years	02-12-2019	Yes
1 40	Ajitesh Kumar Gar	g ajiteshgarg95@gmail.com	9988134	546	civil engineering CGC Technical Campus Jhanjeri, Mohali mohali-140307(PB)	Post- Graduate 4 Years	02-12-2019	Ye
14	Shikha Aggarwal	ar2k14shikha@gmail.com	8283834		Architecture I.K.G.P.T.U., Mohali campus -II Chandigarh-140307(PE	Post- Graduate 17 Years	30-11-2019	N
13	Amardeep Kaur	amardeepkaur415@gmail.c	om 7889472	2989	Civil Engineering IKG, PTU Jammu-180002(JK)	Post- Graduate 0 Years	29-11-2019	Ye
12	Sandeep Dua	duasandeep18@rediffmail.o	987225	3455	GNDU Department of Architecture Amritsar-143005(PB)	Doctora 24 Years	29 11 2010	) Yı
11	Ajay Panghal	2015par5207@mnit.ac.in	999662	2911	Architecture VGU, Jaipur Sonepat-392017(PB	Doctora 3 Years	1/1/10/00/1	9 4
					Planning MNIT, Jaipur Jaipur-302017(RJ)	Graduat 2 Years		

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#### IKGPTU Internal Data Network

			IKGPTU In	ternal Data Network			
	daspander Singh	honey789085@yahoo.com	7837683871	civil engineering global group of institute ,amritsar amritsar-143001(PB)	Post- Graduate 6 Years	05-12-2019	Yes
27	Amanpreet Yangri	tangri.amanpreet@gmail.com	9463323136	CIVIL ENGINEERING CHANDIGARH UNIVERSITY MOHALI-140301(PB)	Post- Graduate 4 Years	05-12-2019	No
28	Vikram Singh	vicky.gurwan@gmail.com	8847596686	CIVIL ENGINEERING CHANDIGARH UNIVERSITY MOHALI-140301(PB)	Post- Graduate 7 Years	05-12-2019	No
29	Kanchan	arkanchan19@gmail.com	9501007221	Architecture IKG Punjab Technical University, Khunimajra Patiala-147003(PB)	Post- Graduate 18 Years	06-12-2019	No
30	Parveen Chander	pcsgzscet@gmail.com	9463370881	Civil Ph.D. Research Scholar IKGPTU, Kapurthala. Bathinda-151001(PB)	Post- Graduate 0 Years	06-12-2019	Yes
31	Prabhjot Singh	prabhjotpannu58@gmail.com	9988991633	Civil Engineering Guru Nanak Dev Engineering College, Ludhiana Ludhiana-141006(PB)	Post- Graduate 6 Years	06-12-2019	Yes
32	Sukhwinder Singh	sukhwinder_5035@yahoo.co.in	9876510717	Civil Engineering Guru Nanax Dev Engineering College, Ludhiana Ludhiana-141006(PB)	Post- Graduate 7 Years	06-12-2019	Yes
33	Prabhjot Singh	prabhjotpannu007@gmail.com	9988991633	Civil Engineering Guru Nanak Dev Engineering College, Ludhiana Ludhiana-141006(PB)	Post- Graduate 6 Years	06-12-2019	Yes
34	Md.aaquib	aaquib1992@gmail.com	8126582344	GEOGRAPHY ALIGARH MUSLIM UNIVERSITY ALIGARH-202002(UP)	Post- Graduate 2 Years	08-12-2019	Yes
35	Sania Jawaid	saniajawaid.10@gmail.com	8439896320	DEPARTMENT OF GEOGRAPHY, AMU, ALIGARH ALIGARH MUSLIM UNIVERSITTY ALIGARH-202002(UP)	Post- Graduate 0 Years	09-12-2019	Yes
36	Afsha	afshanishrat46@gmail.com	7351425172	DEPARTMENT OF GEOGRAPHY, AMU, ALIGARH ALIGARH MUSLIM UNIVERSITY ALIGARH-202002(UP)	Post- Graduate 0 Years	09-12-2019	Yes
37	Ravi Sharma	63rsrsvirssharma@gmail.com	9805389963	Civil Engineering IKG PTU Main Campus Kapurthala-144603(PB)	Post- Graduate 0 Years	09-12-2019	Yes
38	Er Sushant Gupta	sushantgupta1994@gmail.com	9779916945	Civil Engineering IKG PUNJAB TECHNICAL UNIVERSITY Jalandhar-144002(PB)	Post- Graduate 0 Years	09-12-2019	Yes
39	Lovnesh Kumar Goyal	lovnesh@gmail.com	8699040403	Civil IKGPTU, Main Campus, I.K.Gujral	Post- Graduate 26 Years	09-12-2019	Yes

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Mohali Campus-2

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			IKGP TO INTER	nai Dala Network		1	
		and the second s		Kapurthala .udhiana-141001(PB)			
1	r Gurkirpal ingh	saintikgptu@gmail.com	8360453299	Architecture I K Gujral Punjab Technical University Mohali Campus II Mohali-140307(PB)	Doctoral 22 Years	10-12-2019	No .
1	Or Neeru Singla	neerusinglav84@gmail.com	7837052500	Architecture IKGPTU CAMPUS MOHALI II Mohali-140301(PB)	Doctoral 15 Years	10-12-2019	No
2	Prajeek Kannauji	ar.prateekkannauji@gmail.com	7206124961	ARCHITECTURE MM SCHOOL OF ARCHITECTURE AMBALA-134003(HR)	Post- Graduate 3 Years	10-12-2019	Yes
13	Mohit Talwar	civil.talwarnit@gmail.com	9417284197	Civil Engineering IKGPTU Jalandhar-144603(PB)	Post- Graduate 8 Years	10-12-2019	Yes
44	Shaffali Joshi	shaffu.joshi@gmail.com	7508382030	ARCHITECTURE CHITKARA SCHOOL OF PLANNING AND ARCHITECTURE panchkula-134112(PB)	Under- Graduate 0 Years	11-12-2019	No
45	Nayaab Sharma	sharma.nayaab@gmail.com	9855519190	ARCHITECTURE CHITKARA SCHOOL OF PLANNING AND ARCHITECTURE chandigarh-160022(CH)	Post- Graduate 5 Years	11-12-2019	No
46	Neelam Rav Patole	neelamrpatole@gmail.com	9820826271	Architecture Vishwaniketan College of Art and Architecture Navi Mumbai- 410203(MH)	Under- Graduate 26 Years	12-12-2019	Yes
47	Abdur Raoo Khan	f khanabdur89@gmail.com	9760752378	Architecture & Planning AIMAN CONSULTANTS Lucknow-226016(UP)	Doctoral 10 Years	12-12-2019	Yes
48	Aabha Chauhan	ar.aabhachauhan@gmail.com	7017124788	Architecture Aiman Consultants Lucknow-226001(PB)	Under- Graduate 0 Years	12-12-2019	No
49	Harmandee Kaur	harman7kaur@gmail.com	8968856623	Civil Engineering IKGPTU Kapurthala-144603(PB)	Post- Graduate 0 Years	13-12-2019	Yes
5(	Ritambhara Kumari Upadhyay	ritambharaku@gmail.com	9646900800	Geology Panjab University, Chandigarh Chandigarh-160056(PB)	Post- Graduate 2 Years	13-12-2019	No
5	1 Krishan La	amit.bansal978@gmail.com	828900093	Mechanical Engineering PTU Main campus Kapurthala Ludhiana-144603(PB)	Doctoral 5 Years	14-12-2019	Yes

Prushyl

Director LK.G.P.T.U Mohali Campus-II



# On the Spot Registo ation

. no	Full Name	Email- ID	Mobile	Address	Qualification & Experience	Registration Date	Accomodation
1	Shivani Sharma	shivanisharma17july@gmail.com	000 1000 1051	IKG PTU Mohali Campus-II	M.Sc, 4 years	16-12-2019	no
2	Dr. Mukta Sharma Coordinator &	muktageo@gmail.com	9478098123	IKG PTU Mohali Campus-II	Ph.D, 15 years	16-12-2019	no
3	Poonam Sharma	poonamsharma2221992@g mail.com	7988746640	IKG PTU Mohali Campus-II	Masters, 2 years	16-12-2019	no
4	Komal Thakur	komal.thakur90@gmail.com	9780984093	IKG PTU Mohali Campus-II	Masters, 2 years	16-12-2019	no
5	Simranpreet Kaur	kaursimran4360@gmail.co	9779558874	IKG PTU Mohali Campus-II	Masters, 1 year	16-12-2019	no
6	Preeti G Bhatia	preetibhatia@gmail.com	977930654	6 IKG PTU Mohali Campus-II	Masters, 30 years	16-12-2019	no
7	Gurbakash Singh	gurbakshsingh@gmail.com	708753133	Rayat Bahara Group of Institute	B. Tech, 3 years	16-12-2019	yes
8	Ravi Anand	ravirockanand1012@gmail	750800936	Rayat Bahara Group of Institute	B. Tech, 3 years	16-12-2019	yes
9	Sanjeev Kumar	justsanjeev 1988@gmail.co	750866705	SG Associates (Industry)	Graduate, 7	16-12-2019	no

Mulit Shie

Incharge I.K.Gujral-Punjab Technical University Mohali Campus-2

Directo

1.K.9.07.9

Monal. campus-19



## AICTE-IK U Sponsored 1-Week Faculty Development Programme

#### STATEMENT OF EXPENDITURE

Reference No.: IKGPTU/REG/1RC/1727 dated 20 08 2019

Title of the Programme Applications of Geospatial Technologies in Architecture and C vi Engineering

Duration of the FDP 16 12 2019 to 20 12 2019 (1-Week)

Name of Coordinator

Dr. MuktaSharma, Assistant Professor, IKGPTU Mohali Campus -II

Ar Mo Fuzai Jawaid Assistant Professor Architect IKGPTU Kapunhala

Number of Participants 40 (Forty)

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

IKGPTU Sanctioned Grant 1.50.000/-(One Lakh Fifty Thousand Only)

C blo	Heads	Details of Expenditures	Amount	AICTE	IKGPTU
S.No.	Coordinator	Dr. Mukta Sharma Asst Professor	2500		2500
	- Fernorarium	Ar Md FuzailJawaid Asst Professor	2500		2500
	14 Horarion	Room Rent Participants	8500		8500
	Boarding &	Transportation Charges Participants	7932		7932
3	Lodging	Ar Mo FuzailJawaid Asst Professor	20575		20575
5	Louging	Flex Normal, Standee Flex, Certificates Printing, ID Card	4956		4956
6		Flex Board	4920		4920
		Trophies for Resource Persons	4980		4980
ä	Stationary &	Stationery (Writing Pad), (Ball Pen)	1350		1350
0	Warking	Sound system rent	4800		4800
30	Expenses	Refreshment (Tea Snacks & Lunch)	49800		49800
11	Study	Refreshment (Breakfast & Dinner)	B316		8316
12	Material	Catering arrangements	3800		3600
13		Pen Drive to carry data (Open source softwares and soft copies of expert	25488	25488	
		talks)	38940	38940	
54		File/Kit Bags for study material	1150	1150	
15 16	Honorarium	Printing on Bags  Honorarium to Resource Persons	45236	45236	
	& TA of Resource	Honorarium to resource 1 9 9 9 9			
	Persons	Total Utilized Funds	235743	110814	124929
		Total Sanctioned Amount	300000	150000	150000
			64257	39136	25071
		Balance Amount	Λ,	_^	

Mult Shame

Dr Mukta Sharma, Assistant Professor (Name & Signature with seal) Coordinator

Ar Mid (Vuzail Jawaid, Assistant Professor (Name & Signature with seal) Coordinator

(Name & Signature with seal) Head of Institution

Rs. S.S. Walia

(Name & Signature of Chartered Accountant) Name ca Albuman Kurak kanptun Membership No UR6221 Full Address 464-L, MODEL TOWN

WANDHA!

UMN-20086221 AAAA EG 7063

Incharge I.K.Gujral-Punjab Technical University Mohali Campus-2

I.K.G.P.T.U Mohali Campus-II I K Gt Punjab Technical University, -Mohall Campus **FUNDS UTILIZATION CERTIFICATE (2019-20)** 

Name of the Scheme under which Grant was sanctioned

**AICTE-Technical University Joint Training** Programs for Teachers

Reference No. IKGPTU/REG/1RC/1727 dated 20 08 2019 and IKGPTU/REG/1216 dated 9 07 2019

Title of the Programme. Applications of Geospatial Technologies in Architecture and CivilEngineering

Duration of the FDP 16 12 2019 to 20 12 2019 (1-Week)

Name of Coordinator

Dr. Mukta Sharma, Assistant Professor, IKGPTU Mohali Campus -II

Ar Mc Fuzail Jawaid Assistant Professor Architecture, IKGPTU Kapurthala

Number of Participants 40 (Forty)

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

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

S.No.	Letter No. and date	Amount	Statement
(a)	Date of Offer KGPTU/REG/1RC/1727 dated 20 08 2019 and IKGPTU/REG/1216 dated 9 07 2019	Rs.1,50,000	Certified that out of Rs. 1,50,000/- of grants-in- aid sanctioned during the year 2019-20 in favor of Registrar, IKGPTU Kapurthala
(b)	Grant Received	Rs.1,50,000	A sum of Rs 1,50,000/- was received at IKGPTU Kapurthala as advance
(c)	Utilized Grant	Rs.110814	Rs. 124929/- has been utilized for the purpose of Faculty Development Programme for which it was sanctioned.
(d)	Unutilized Grant	Rs.39186	Rs. 39186/- remained un-utilized at the end of the year has been surrendered to the All India Council for Technical Education (Vide No dated)

Certified that I have satisfied myself 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 purpose for which it was sanctioned

A lighte Shaema

Dr. Mukta Sharma, Assistant Professor (Name & Signature with seal) Coordinator

Ar Md. Hozail Jawaid, Assistant Professor

(Name & Signature with seal)

Coordinator

Dr. Prabnjot Kaur, Prôfessor (Name & Signature with seal) Head of Institution

I.K.G.PTII

Mohali Campus-I

(Name & Signature of Chartered Accountant) Name to Asympto John Ranger

Membership No DRB22/ Full Address Uby-L Mapil Town, TOUR MOREL MAP 3

UDIN- 20086221AAAAEG7063

### **One Week - Faculty Development Programme : Brochure of the Event**

# National level AICTE & IKGPTU-Sponsored 1-Week Faculty Development Programme on

### Applications of Geospatial Technologies in Architecture and Civil Engineering

16-20 December 2019





#### Organized by: IKGujralPunjab Technical University Mohali Campus – II

# Chief Patron Professor Ajay Kumar Sharma Vice-Chancellor

#### Mentors Professor Prabhjot Kaur

Director IKG PTU Mohali Campus – II

Professor Y S Brar

Director IKG PTU Main Campus, Kapurthala

#### Principal Coordinator Dr. Rajiv Chauhan

HoD, Department of Civil Engineering, IKG PTU Main Campus, Kapurthala

#### Programme Coordinators Ar. Md. Fuzail Jawaid

Assistant Professor,

IKG PTU Main Campus, Kapurthala. mfjawaid@ptu.ac.in, +91-9465884806

#### Dr. Mukta Sharma

Campus In-charge, IKG PTU Mohali Campus–II <u>muktageo@gmail.com</u>, +91-9478098123

#### **About FDP**

An advanced geospatial technologies and information systems like GIS plays a vital role and serves as a complete platform in every phase of infrastructure life cycle. Advancement and availability of technology has set new marks for the professionals in the infrastructure development areas. Now more and more professionals are seeking help of these technologically smart and improved information systems like GIS for infrastructure development. Geospatial technology has emerged as widely accepted powerful and imperative system in various disciplines of Civil Engineering, natural resource management, environmental management and modelling, hazard and risk management, urban planning etc. There is a great need to train the faculty and researchers in utilization of Geospatial Technologies like GIS, GPS and Remote Sensing in their respective domains. This FDP is designed as the comfortable first step for people who wish to upgrade the skills and knowledge in this field.

#### Objective and scope

GIS and other geospatial technologies are system anticipated to capture, analyze, manipulate, store, manage and present every type of geographical data and helps in merging of cartography, database technology, and statistical analysis thus it is being intensively used. GIS technology is gaining interest from a wide range of disciplines like Architecture, civil engineering, Urban planning among others owing to its potential to offer a new way of resolving environmental and other difficulties which could reduce costs, support multi-discipline analysis and improve quality for complex projects, hence it is becoming and integral and necessary component of curriculum in higher technical education system hence the faculties and researchers must be trained for catering to the demands of industry and fields.

The course content is intended to provide an overview on the concepts and application of GIS, Remote Sensing and GPS thus will provide a learning experience to the participants.

Mohali Campue II

#### **IKGPTU** Jalandhar

It was established as Punjab Technical University, Jalandhar in 1997. The university was renamed as I.K. Gujral Punjab Technical University by State Government in honourofformer Prime Minister of India, Late Sh. Inder Kumar Gujral in 2015. It has been Ranked 96<sup>th</sup>in 2019 NIRF India Ranking and holds3<sup>rd</sup> positionin Punjab. The University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas.

#### IKG PTU Mohali Campus-II

Itis a constitute campus of IKG PTU Jalandhar. It started functioning in 2014 as a 'School of Built environment' to provide quality education to the students both at undergraduate and post graduate level to cater to the needs of Building industry. The programs started in the campusare in conformity with the present and futuristic need of the industry and to achieve these objective effortsare being made to update Labs, Library and Computer Centre etc. as per the latest state of art technology. At present campus offers B.Arch,M.Arch (Architectural Education & Research) and M. Planning (Urban & Regional Planning) Courses.

#### **Important Instructions**

- Seats are limited. Participants will be registered & confirmed on first-come first-serve basis.
- No TA/DA will be given to any participant. However, free boarding and lodging will be provided
- Application Form printed after registering at http://data.ptu.ac.in (duly signed and forwarded) must reach by Dec. 9, 2019 at following address:

Dr. Mukta Sharma, Assistant Professor,
Department of Architecture, IKGPTU Mohali
Campus-II, Khoonimajra, Sector-115, KhararLandran Highway, Mohali, SAS Nagar, Punjab.
India. 140307.

# for any queries, please contact the program coordinators

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U

LK.G.PT.U



#### AICTE-IKGPTU Sponsored 1-Week National Level Faculty Development Programme

## Schedule- 16<sup>th</sup> -20<sup>th</sup> December 2019

Dates	9:30 am to 11:00 am	15 min	11:15 am to 12:45 pm	45 min	1.45 pm to 3:15 pm	3:15-4:45 pm
1612.2019 Monday (Day-1)	Registration & Inauguration	Tea	Fundamentals of Remote Sensing and its applications Prof Krishan Mohan	Lunch	Satelite Imageries Extracting data Sensors Prof Krishan Mohan	Role of teacher in inculcating human values Dr. Prabhjot Kaur
1712.2019 Tuesday (Day-2)	Modern trends in surveying and mapping Dr. Reet Kamal IIT Ropar	Tea	Remote Sensing and Civil Engineering Applications Dr. Reet Kamal IIT Ropar	Lunch	Fundamentals of GIS and applications Dr. Somnath Thakur Panjab University	Exploring GIS maps, Thematic mapping, GIS spatial analysis Dr. Somnath Thakur
1812.2019 Wednesday (Day-3)	Geomatics and Urban Planning Reenu Sharma PRSC	Tea	Ground water applications S.K. Sahoo PRSC	Lunch	Geoinformatics in urban planning: Creation of Geospatial database. Dr. Somnath Thakur	Education for Values  Dr Gurmeet Singh
1912.2019 Thursday (Day-4)	Role of Geospatial technologies in disaster management Dr. Mukta Sharma	Tea	Training from ESRI Er. Maneesh Sharma (with team)	Lunch	Training from ESRI Er. Maneesh Sharma (with team)	Training from ESRI Er. Maneesh Sharma (with team)
2012.2019 Friday (Day-5)	Advance GPS and drone mapping technique Haramrit PEC University of technology	Tea	Geospatial applications in Environment planning Dr. L.N. Sharma PEC University of technology	Lunch	Geospatial applications in Engineering Geology Dr. L.N. Sharma	Valedictory Motivational talk by Dr. Prabhjot Kaur & Dr. Rajiv Puri (Principle Govt. Poly. College)



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## **One Week - Faculty Development Programme : Details of the Resource Persons**

#### **List of Resource Persons**

Sr. No.	Name	Designation with address	Contact No./Email ID	Торіс	Date of expert talk and time slot
1	Dr. Krishna Mohan	Professor, Punjab University Chandigarh	99153-67013 kmohan@pu.ac.in	<ol> <li>Fundamentals of Remote Sensing and its applications</li> <li>Satelite Imageries Extracting data Sensors</li> </ol>	16.12.2019 11:15 am to 12:45 pm 01:45 pm to 03:15 pm
2	Dr. Prabhjot Kaur	Professor, IKGPTU Mohali Campus-II	94780-98150 inchargemohali.ptu@gmail.com	Role of teacher in inclcating human values	16.12.2019 03:15 pm to 04:45 pm
3	Dr. Reet Kamal Tiwari	Assistant Professor, I.I.T. Ropar	94581-59323 reetkamal@iitrpr.ac.in	Modern trends in surveying and mapping     Remote Sensing and Civil Engineering Applications	17.12.2019 09:30 am to 11:00 am 11:15 am to 12:45 pm
4	Dr. Som Nath Thakur	Visting Faculty Expert GIS, Panjab University Chandigarh	86993-58707 somnath@vttechnologies.org	1. Fundamentals of GIS and applications 2. Exploring GIS maps, Thematic mapping, GIS spatial analysis 3. Geoinformatics in urban planning: Creation of Geospatial database	17.12.2019 01:45 pm to 03:15 pm 03:15 pm to 04:45 pm 18.12.2019 01:45 pm to 03:15 pm
5	Ms. Reenu Sharma	Scientist, Punjab Remote Sensing Centre, Ludhiana.	98882-70353 reenusharma30@gmail.com	1. Geomatics and Urban Planning	18.12.2019 09:30 am to 11:00 am
6	Mr. Shashikanta Sahoo	Scientist, Punjab Remote Sensing Centre, Ludhiana.	70096-28425 sksahoo@prsc.gov.in	1. Ground water applications	18.12.2019 11:15 am to 12:45 pm
7	Dr. Gurmeet Singh	Associate Professor, Panjab University Chandigarh	98158-01908	1. Education for Values	18.12.2019 03:15 pm to 04:45 pm

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Sr. No.	Name	Designation with address	Contact No./Email ID	Торіс	Date of expert talk and time slot
8	Dr. Mukta Shamra	Assistant Professor, IKGPTU Mohali Campus-II	94780-98123 muktageo@gmail.com	Role of Geospatial technologies in disaster management	19.12.2019 09:30 am to 11:00 am
9	Er. Maneesh Kumar Sharma and team	Engineer with team ESRI, New Delhi	customercare@esriindia.com	Training from ESRI	19.12.2019 11:15 am to 12:45 pm 01:45 pm to 03:15 pm 03:15 pm to 04:45 pm
10	Dr. Har Amrit Singh	Assistant Professor, PEC Chandigarh	94635-94149	Advance GPS and drone mapping technique	20.12.2019 09:30 am to 11:00 am
11	Dr. L.N. Sharma	Professor, PEC Chandigarh	94174-41286	Geospatial applications in     Environment planning     Geospatial applications in     Engineering Geology	20.12.2019 11:15 am to 12:45 pm 01:45 pm to 03:15 pm

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## **One Week - Faculty Development Programme : Photographs of the Event**











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## Two Days - Workshop: Report of the Event



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Sector 115, Kharar ( Mohali) (Adjoining Govt. Polytechnic College)

(A Constituent Institute of IKG- Punjab Technical University)

## 3.3.2 Brick Structure workshop in October 21-22, 2019

A 2-day Brick Structure Workshop in the month of October (from 21-22, 2019) for the students of First and Second year was conducted by Mr. Vikas Shimpi. This workshop was a new experience to make the brick structure and get knowledge about brick masonry with model by using different methods & materials. This workshop was a very informative for the students and they learn and understand the construction detail through hands on experience.

## Objective of the Workshop:

To provide knowledge about Architectural Model Making & Bricks Structure in 1:05 Scale, for inculcating techniques as well as increasing awareness of model making & hands on experience about building construction, in Architecture students using different types of materials.

Also simultaneously to make students realize significance of actually building models on the basis of designed sketches/plans for better visualization of actual construction in 3D aspects.

Two Days - Workshop: Details of the Resource Persons
Resource Person Details:

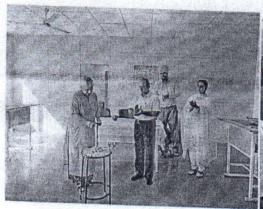
Mr. Vikas Shimpi is working as Faculty for Model Making, Workshop Skills & Computer subjects from 22/06/2009 in N.D.M.V.P.S.'s College of Architecture & Centre for Design and also has conducted successful workshops at Architecture, Interior designing and Civil Diploma colleges. He entered profession of architectural models under the valuable guidance from Ar. Ravi Belpathak (Dhule) in 1988 and worked with leading architects & builders in Jalgaon. In August 1992 he established his own firm (DREAM HOUSE) working with leading architects & builders in Nasik, Pune, Ahmednagar, Dhule & Jalgaon. He organized various workshops in more than 30 institutes all over the India.

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# Two Days - Workshop: Photographs of the Event

Photographs of the Brick Workshop





Inauguration of Workshop

Material and Composition





Workshop Instructor: Vikas Shimpi

Students with Final Structure

(Dr.Gurkirpal Singh)

HOD

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