



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

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Fwd: STTP sanction letter 2018-19.

4 messages

PRINCIPAL PIET <principal.piet@poornima.org>
To: Deepak Moud <deepakmoud@poornima.org>

18 July 2020 at 11:18

----- Forwarded message -----

From: **New Scheme RIFD** <sttp@aicte-india.org>
Date: Thu, 30 Jan 2020 at 10:27
Subject: STTP sanction letter 2018-19.
To: <dinesh.goyal@poornima.org>, <praveen.gupta@poornima.org>
Cc: <adrifd1@aicte-india.org>

This is with reference to the proposal of 'Short Term Training Program (STTP)', submitted by your institute, under AQIS 2018-19. This office wishes to bring to your kind notice that your institute has been granted approval for conducting this STTP. Pls find attached the Sanction Letter for the same.

You are requested to mention the Sanction Letter number dated 12.12.2019 in your future correspondence, if any. The schedule for the conduct of the STTP may please be intimated beforehand to this office.

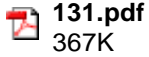
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Regards
Short Term Training Programme,
RIFD
All India Council For Technical Education
Nelson Mandela Marg,,Vasant Kunj,
New Delhi- 110070



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Prof (Dr.) Dinesh Goyal
Principal & Director,
Poornima Institute of Engineering & Technology
Life Member ISTE, Indian Science Congress
FIEEE, Member, Conference/Workshop Committee of CS IC,
Ex- Chairman, CSI, Jaipur Chapter
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+91-9887678379, +91-9928015792



Deepak Moud <deepakmoud@poornima.org> 18 July 2020 at 11:21
To: "Shruti Bijawat(CS,PIET)" <shrutibijawat@poornima.org>, Manish Mathuria <manish.mathuria@poornima.org>, Sandeep Tuli <sandeeptuli@poornima.org>, Pooja Sharma <poojait@poornima.org>

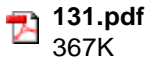
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Deepak Moud
Department of Computer Engineering
Poornima Institute of Engineering & Technology
07568748510

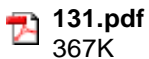


Virus-free. www.avast.com



Deepak Moud <deepakmoud@poornima.org> 13 August 2020 at 08:46
To: Sandeep Tuli <sandeeptuli@poornima.org>

[Quoted text hidden]



Deepak Moud <deepakmoud@poornima.org> 8 October 2020 at 09:17
To: Sandeep Tuli <sandeeptuli@poornima.org>

----- Forwarded message -----

From: **PRINCIPAL PIET** <principal.piet@poornima.org>

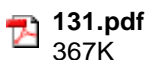
Date: Sat, 18 Jul 2020 at 11:18

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Deepak Moud
Department of Computer Engineering
Poornima Institute of Engineering & Technology
07568748510





STTP- Sanction Letter

Ref. No. 34-65/131/RIFD/STTP/Policy-1/2018-19

Date _____

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 226666 /- (Rupees Two Lakh TwentySix Thousand Six Hundred SixtySix Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY , ISI-2, RIICO INSTITUTIONAL AREA SITAPURA, GONER ROAD JAIPUR- 302022 Rajasthan
2.	Permanent ID of Institute	1-4459001
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. PRAVEEN GUPTA
5.	Amount sanctioned	Rs. 226666/-
6.	Amount to be released	Rs.226666/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	IMAGE PROCESSING AND ITS APPLICATION

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.
2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACTS1602 A	BANK OF INDIA	RAMCHANDRAPUR RA BRANCH	POORNIMA UNIVERSITY CAMPUS, PLOT NO. IS-2027 TO IS-2031, TEHSIL SANGANE R, DISTRICT JAIPUR PIN 303905	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY	Current Account	6654201100000 13	BKID00066 54

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

II Maintenance of Accounts

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).

(v) Report submitted by Program Evaluation Committee (PEC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.

b. Money to be reimbursed on the grant (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.

c. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

d. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within three months from the date of release of funds.

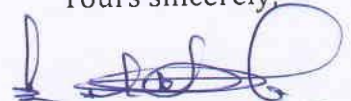
- e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**
- f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20%*respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/131/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
 - (ii) Coordinator of the program (Member Secretary).
 - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,


(Dileep N Malkhede)
Advisor-I (RIFD)
12 DEC 2019

Copy forwarded for information and necessary action to: -

1. Name and Address of the Coordinator

Dr. PRAVEEN GUPTA
POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
ISI-2, RIICO INSTITUTIONAL AREA SITAPURA, GONER ROAD
JAIPUR 302022 Rajasthan



Phone : 011-26131576, 77, 78, 80
Website : www.aicte-india.org



अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत सरकार का एक सांविधिक निकाय)

मानव संसाधन विकास मंत्रालय, भारत सरकार

नेल्सन मंडेला मार्ग, नई दिल्ली-110067

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory Body of the Govt. of India)

Ministry of Human Resource Development, Govt. of India

Nelson Mandela Marg, New Delhi-110067

Col. B. Venkat
Director (FDC)
E-mail: director.fdc@aicte-india.org
Mob. No. 8130255472

25 June 2020

Sub:-For information of AICTE approved institutes which have received grants for conducting STTP's/FDP's under AQIS 2018-19.

Sir,

This is in reference to grants released by AICTE under AQIS 2018-19 for conduct of STTP's/FDPs. It is being observed that due to present circumstances of ongoing pandemic of COVID-19, most of Institutes are facing difficulties in organizing and conducting STTP's. This office has received a number of requests from various institute to allow on line method of conducting STTP/FDP to complete their commitments.

In this regard, it is to inform that all such institutes, which have already received grants for conducting STTP's/FDPs through prevailing contact mode, are **allowed to conduct STTP's through online mode subject to following conditions:**

- (i) The Institute will be allowed to adjust the grants received for STTP at following rates:-

a.	Honorarium for Coordinator	Rs. 5000.00
b.	Honorarium to experts	Rs. 75000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs. 3000.00
d.	miscellaneous charge	Rs. 10000.00
Total for each STTP's		Rs 93000.00

- (ii) The Institute will conduct more than one STTP's in multiples of Rs. 93000.00 within the total grant received by it and shall return the balance unspent amount to AICTE.

e.g.

if an Institute has received grant for STTP,	=Rs 3,00,000.00
Cost of three STTP	3x93000= Rs. 279000.00
Balance	= Rs. 21,000.00

The institute will return the balance unspent amount of Rs.21,000.00 alongwith interest earned on such amounts to AICTE while submitting UC for adjustment of accounts for keeping its eligibility for receiving grants in next AQIS.

- (iii) The institute will conduct all three STTP's as explained above on the same topic which has been approved by AICTE while releasing the grants.
- (iv) Firm dates for each program will be intimated to AICTE beforehand.

On similar lines FDP (02 week program) to be conducted online has the following approval totaling to Rs. 1,86,000.00.

a.	Honorarium for Coordinator	Rs. 5000.00
b.	Honorarium to experts	Rs. 1,68,000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs. 3000.00
d.	miscellaneous charge	Rs. 10000.00
	Total for each FDPs	Rs 1,86,000.00

The conducting of FDP's (two weeks program) shall be subjected to the similar conditions (i) to (iv) given above for conduct STTP courses, except rates of Honorarium to experts.

You are requested to acknowledge receipt of above guidelines and convey your consent if your institute is ready for conducting the STTP through online format on conditions explained above.

It is once again reiterated that online conduct of FDP & STTP will be on explicit permission of AICTE.

Yours sincerely,

25 June 2020
Director (FDC)

August 14, 2020

To,

Col. B. Venkat
Director (FDC)
E-mail: director.fdc@aicte-india.org
Mob. No. 8130255472

Subject: - To organize Short Term Training Programme STTP in online mode under AQIS

**Reference: - 1. Sanction Letter No. 34-65/131/RIFD/STTP/Policy-1/2018-19
2. Letter from office of Director (FDC) dated 25 June 2020, Regarding online
Conduction of FDP**

Respected Sir,

With reference to above mentioned subject and the references cited above, I am very thankful to you for granting the permission for conducting online Short Term Training Programme (STTP) under AQIS. We have received the grant of Rs.2,26,666,- vide over AICTE letter no-1 cited above.

As per the Letter No.2, we are now organizing the above FDP in 3 (Three) STTP on **"Image Processing and its Application"**, each of Six days each, in online mode.

The Schedule of the same is as follows:

1. STTP 1- August 24, 2020 to August 29, 2020.
2. STTP 2- September 07, 2020 to September 12, 2020
3. STTP 3- September 21, 2020 to September 26, 2020

The total cost to be incurred will be Rs. 93,000 X 3 = Rs. 2,79,000 (Rs. Two Lakh Seventy Nine Thousand only), which implies Institution shall be incurring additional cost of Rs. 52,334/- (Rs. Fifty two thousand three hundred thirty four)

You are requested to kindly grant the permission for conducting above STTP.

Thanking You,


Dr. Dinesh Goyal
Principal, Poornima Institute of Engineering & Technology



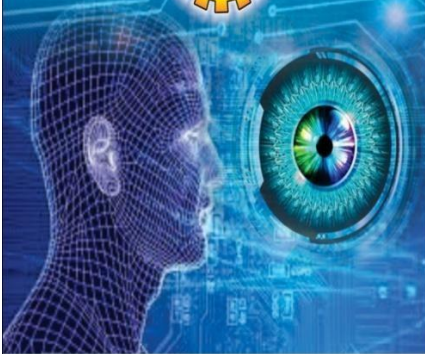
CC:

1. Hon'ble Chairman, All India Council for Technical Education, New Delhi
2. The Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi
3. Registrar, Poornima Institute of Engineering & Technology, Jaipur
4. Head of the Department, Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur
5. Dr. Praveen Gupta, Professor, Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur

Six days Short Term Training Programme (STTP)
under AQIS on
**IMAGE PROCESSING AND
ITS APPLICATION**

August 24-29, 2020

Sponsored by



Organized by
**Department of
Computer Engineering**



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

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ABOUT INSTITUTE

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B. Tech CSE 2020.
- Accredited with NBA for B. Tech Civil in 2019.
- NAAC Accredited institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B. Tech in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too.

Image processing basically includes the following three steps:

- Importing the image via image acquisition tools;
- Analysing and manipulating the image;
- Output in which result can be altered image or report that is based on image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing.
- Applications of Digital Image Processing.
- Understanding the image arithmetic and logical functions
- Image enhancement, Restoration and Segmentation.
- Image filters
- Noise reduction in images
- Image Cryptography
- Image Steganography
- Image Morphology and Compression.
- Introduction to Pattern Recognition
- Biometric and Biomedical applications.
- Medical imaging

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/ AICTE recognized Institutions are only eligible.
- No Registration Fees
- Last Date of Registration: August 21, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/PN2oXUxqzRj9jB9e7>



CHIEF PATRON

Sh. Shashikant Singhi
Chairman, Poornima Group, Jaipur

HONARARY PATRON

Ar. Rahul Singhi
Director, Poornima Group, Jaipur

PATRON

Dr. Dinesh Goyal
Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR

Mr. Deepak Moud
Assistant Professor, Computer Engineering, PIET

PROGRAM CO-CHAIR

Dr. Gautam Singh
Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR

Dr. Praveen Gupta
Professor, Computer Engineering, PIET

CO-COORDINATOR

Mr. Sandeep Tuli
Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Pratistha Mathur
Professor, Manpal University, Jaipur

Dr. Munesch Chandra
Associate Professor
NIT, Agartala

Dr. Deepak Ranjan Nayak
Assistant Professor
MNIT, Jaipur

Dr. Preety Singh
Assistant Professor
LNMIIT, Jaipur

Dr. Vivek Kumar Verma
Assistant Professor
Manpal University Jaipur

Dr. Mehak Khurana
Assistant Professor, The North Cap
University Gurugram Haryana

Ms. Parvati Bhurani
Assistant Professor, Govt. Women
Engineering College, Ajmer

Mr. Ashutosh Tiwari
Software Engineer
Optimus Information

Ms. Saroj Agrawal
Assistant Professor, Mahaveer
College of Commerce, Jaipur

Mr. Saurabh Dutta
Assistant Professor
Poornima University, Jaipur

Ms. Shubhra Datakoti
Process Manager
American Express India

RSVP

Dr. Praveen Gupta

✉ : pier.outreach@poornima.org • ☎ : 8875335489

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER ENGINEERING

First Short Term Training Programme (STTP) under AQIS on Image Processing and its Application

	09:30 AM - 10:00 AM	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM	03:30 PM - 03:45 PM
Monday 24.08.2020	INAUGURAL SESSION	Introduction to Digital Image Processing. Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Hands-On Session - Open CV and Image Library Packages Basic Operations on Image Using Open CV Ms. Saroj Agrawal Assistant Professor Mahaveer College of Commerce Jaipur	Applications of Digital Image Processing. Dr. Abhimanyu Singh Garhwal Post-Doctoral Scientist, AgResearch, New Zealand	
Tuesday 25.08.2020		Hands-on Session Rescaling , Random noise , color inversion, image transformation Ms. Shubhra Dalakoti Process Manager, American Express	Understanding the image arithmetic and logical functions Including Hands on Mr. Ashutosh Tiwari Software Engineer Optimus Information	Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur	
Wednesday 26.08.2020		Image filters Dr Pratistha Mathur Professor Manipal University Jaipur	Hands-On Session Image Segmentation & Filters Ms. Shubhra Dalakoti Process Manager, American Express	Noise reduction in images Dr Pratistha Mathur Professor Manipal University Jaipur	
Thursday 27.08.2020		Image Morphology and Compression. Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Hands-On Session - Image Morphology and Compression Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Image Cryptography Dr. Munesh Chandra Associate Professor, NIT Agartala	
Friday 28.08.2020		Image Steganography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Hands-On Session - Image Steganography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	
Saturday 29.08.2020		Working with Canny Edge Detection Gaussian Blurring in Image including Hands on Mr. Saurabh Dutta Assistant Professor, Poornima University Jaipur	Hands-On Session Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	Medical imaging Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	VALEDICTORY SESSION

**POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY, JAIPUR
DEPARTMENT OF COMPUTER ENGINEERING**

Six Days First Short Term Training Programme (STTP) under AICTE-AQIS

On

Image Processing and its Application

Session (2020-2021)



**Submitted By: -
Dr. Praveen Kumar Gupta
Coordinator
Department of Computer Engineering
PIET**

**Submitted To:-
Dr. Dinesh Goyal
Director
PIET**



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA



Report

On

Six Days First Short Term Training Programme (STTP) under
AICTE-AQIS

On

Image Processing and its Application

24th - 29th August 2020

Organized By-

**DEPARTMENT OF COMPUTER ENGINEERING
POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
ISI-2 RIICO INSTITUTIONAL AREA, SITAPURA
JAIPUR – 302022 RAJASTHAN, INDIA**

CONTENTS

S.NO	TOPIC		PAGE NO
1	STTP Brochure		1
2	Brief Overview		2
3	Detail Report		3
	3.1	About PIET	3
	3.2	About Department	3
	3.3	About STTP	3
	3.4	Topic to be Covered	4
	3.5	Objective of STTP	5
4	Schedule of STTP		5
5	Q-Sheet – Inaugural Function		6
	5.1	Snap Shots	7
6	Technical Session Details – Session Wise Including Snapshots		8
7	Video Links of Session		17
	7.1	Poornimagroup TV Link	17
	7.2	You Tube Link	18
8	List of Participants		19
9	Result		21
10	Feedback		25
11	Annexure		28
	11.1	STTP Certificates	28

1. STTP Brochure:

**Six days Short Term Training Programme (STTP)
under AQIS on
IMAGE PROCESSING AND
ITS APPLICATION**

August 24-29, 2020

Sponsored by

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- Notable funding received from various Government and Private bodies (AICTE, RTU, IHT, IMPACT, ZEETRON NETWORKS)

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B. Tech in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too.

Image processing basically includes the following three steps:

- Importing the image via image acquisition tools;
- Analysing and manipulating the image;
- Output in which result can be altered image or report that is based on image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing.
- Applications of Digital Image Processing.
- Understanding the image arithmetic and logical functions
- Image enhancement, Restoration and Segmentation.
- Image filters
- Noise reduction in images
- Image Cryptography
- Image Steganography
- Image Morphology and Compression.
- Introduction to Pattern Recognition
- Biometric and Biomedical applications.
- Medical imaging

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/ AICTE recognized Institutions are only eligible.
- No Registration Fees
- Last Date of Registration: August 21, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/PN2oXUxqzRj9jB9e7>

CHIEF PATRON
Sh. Shashikant Singh
Chairman, Poornima Group, Jaipur

HONARARY PATRON
Ar. Rahul Singh
Director, Poornima Group, Jaipur

PATRON
Dr. Dinesh Goyal
Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR
Mr. Deepak Moud
Assistant Professor, Computer Engineering, PIET

PROGRAM CO-CHAIR
Dr. Gautam Singh
Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR
Dr. Praveen Gupta
Professor, Computer Engineering, PIET

CO-COORDINATOR
Mr. Sandeep Tuli
Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Pratistha Mathur
Professor, Manipal University, Jaipur

Dr. Munesh Chandra Associate Professor NIT, Agartala	Dr. Deepak Ranjan Nayak Assistant Professor MNIT, Jaipur
Dr. Preety Singh Assistant Professor LNMIIT, Jaipur	Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur
Dr. Mehak Khurana Assistant Professor, The North Cap University Gurugram Haryana	Ms. Parvati Bhurani Assistant Professor, Govt. Women Engineering College, Ajmer
Mr. Ashutosh Tiwari Software Engineer Optimus Information	Ms. Saroj Agrawal Assistant Professor, Mahaveer College of Commerce, Jaipur
Mr. Saurabh Dutta Assistant Professor Poornima University, Jaipur	Ms. Shubhra Dalakoti Process Manager American Express India

Organized by
**Department of
Computer Engineering**

POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

RSVP
Dr. Praveen Gupta
✉ : pier.outreach@poornima.org • ☎ : 8875335489

2. Brief Overview:

Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application		
Date: August 24 - 29, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Open CV (Spider, Mat Lab)	
Participants Registered	148	
Resource Persons	<ol style="list-style-type: none">1. Dr Pratistha Mathur, Professor, Manipal University Jaipur2. Dr. Munesh Chandra, Associate Professor, NIT Agartala3. Dr. Preety Singh, Assistant Professor, LNMIIT Jaipur4. Dr. Abhimanyu Singh Garhwal, Post-Doctoral Scientist, AgResearch, New Zealand5. Dr. Deepak Ranjan Nayak, Assistant Professor, MNIT Jaipur6. Dr. Vivek Kumar Verma, Assistant Professor, Manipal University Jaipur.7. Ms. Saroj Agrawal, Assistant Professor, Mahaveer College of Commerce Jaipur.8. Dr. Mehak Khurana, Assistant Professor, The North Cap University, Gurugram, Haryana.9. Mr. Saurabh Dutta, Assistant Professor, Poornima University Jaipur.10. Ms. Shubhra Dalakoti, Process Manager, American Express11. Mr. Ashutosh Tiwari, Software Engineer, Optimus Information	

3. Detail Report

Department of Computer Engineering, Poornima Institute of Engineering & Technology has conducted Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from August 24 to August 29, 2020

3.1 About Institute:

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto ‘Success is not a destination, it’s a journey’

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B.Tech. CSE 2020.
- Accredited with NBA for B.Tech. Civil in 2019.
- NAAC Accredited institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

3.2 About Department

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B.Tech. in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech. degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Sales force. Department has Huge Alumni base of more than 900 Alumni currently working with MNC’s and Government Institutions.

3.3 About STTP:

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core

research area within engineering and computer science disciplines too. Image processing basically includes the following three steps:

- Importing the image via image acquisition tools
- Analyzing and manipulating the image
- Output in which result can be altered image or report that is based on image analysis.

3.4 Topics to be covered:

- Introduction to Digital Image Processing.
- Applications of Digital Image Processing.
- Understanding the image arithmetic and logical functions
- Image enhancement, Restoration and Segmentation.
- Image filters
- Noise reduction in images
- Image Cryptography
- Image Steganography
- Image Morphology and Compression.
- Introduction to Pattern Recognition
- Biometric and Biomedical applications.
- Medical imaging

3.5 Objective of STTP:

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

4. Schedule of Program

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY					
DEPARTMENT OF COMPUTER ENGINEERING					
First Short Term Training Programme (STTP) under AQIS on Image Processing and its Application					
	09:30 AM - 10:00 AM	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM	03:30 PM - 03:45 PM
Monday 24.08.2020	INAUGURAL SESSION	Introduction to Digital Image Processing. Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Hands-On Session - Open CV and Image Library Packages Basic Operations on Image Using Open CV Ms. Saroj Agrawal Assistant Professor Mahaveer College of Commerce Jaipur	Applications of Digital Image Processing. Dr. Abhimanyu Singh Garhwal Post-Doctoral Scientist, AgResearch, New Zealand	
Tuesday 25.08.2020		Hands-on Session Rescaling , Random noise , color inversion, image transformation Ms. Shubhra Dalakoti Process Manager, American Express	Understanding the image arithmetic and logical functions Including Hands on Mr. Ashutosh Tiwari Software Engineer Optimus Information	Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur	
Wednesday 26.08.2020		Image filters Dr Pratistha Mathur Professor Manipal University Jaipur	Hands-On Session Image Segmentation & Filters Ms. Shubhra Dalakoti Process Manager, American Express	Noise reduction in images Dr Pratistha Mathur Professor Manipal University Jaipur	
Thursday 27.08.2020		Image Morphology and Compression. Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Hands-On Session - Image Morphology and Compression Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	Image Cryptography Dr. Munesh Chandra Associate Professor, NIT Agartala	
Friday 28.08.2020		Image Steganography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Hands-On Session - Image Steganography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	
Saturday 29.08.2020		Working with Canny Edge Detection Gaussian Blurring in Image including Hands on Mr. Saurabh Dutta Assistant Professor, Poornima University Jaipur	Hands-On Session Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	Medical imaging Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	VALEDICTORY SESSION



First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

5. Q-Sheet – Inaugural Function

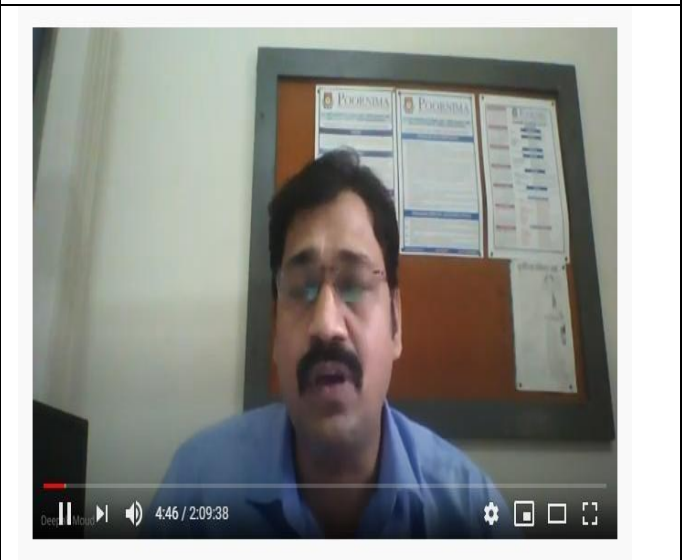
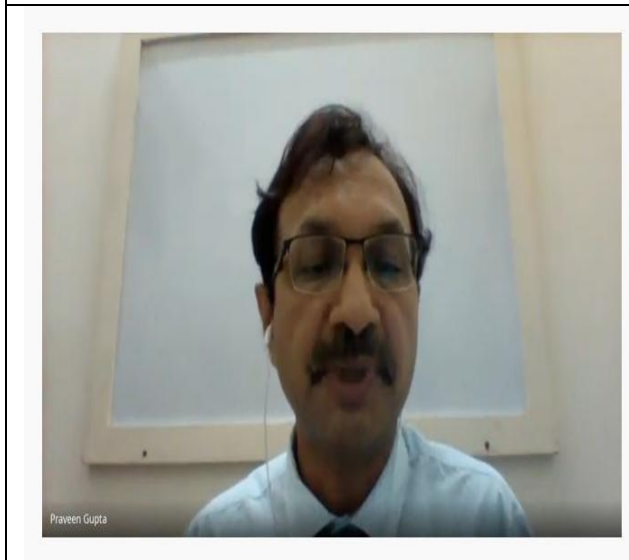
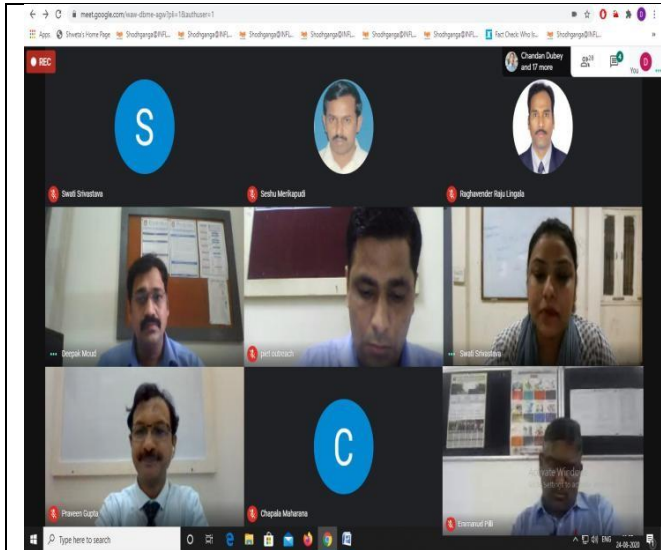
Day & Date: Monday, 24/08/2020

Time: 9:30 AM - 10:00 AM

Online Link: meet.google.com/waw-dbme-agw

Time	Activity	Presenter
9.25 AM-9.30 AM	Arrival of Dignitaries, Faculty members and Students Online	
9.30 AM-9.35 AM	Welcoming Guest 1. Dr. Pilli Emmanuel Shubhakar, Associate Professor and Head Department of CSE, MNIT, Jaipur 2. Dr. Dinesh Goyal, Principal & Director, PIET 3. Dr. Gautam Singh, Registrar, PIET 4. Mr. Deepak Moud, HOD CE, PIET 5. Mr. Praveen Gupta, Coordinator, STTP 6. Mr. Sandeep Tuli Co-Coordinator STTP	Hosted & Anchored by Ms. Swati Srivastava
9.35 AM-9.40 AM	Welcome Address and About STTP	Mr. Deepak Moud, HOD CSE Department
9.40 AM-9.45 AM	Welcome Address and Progress Report of Poornima Institute of Engineering & Technology	Dr. Dinesh Goyal, Principal & Director, PIET
9.45 AM-9.55 AM	Words of Wisdom by Chief Guest	Dr. Pilli Emmanuel Shubhakar, Associate Professor and Head Department of CSE, MNIT Jaipur
9.55 AM-10.00 AM	Vote of Thanks	Dr. Praveen Gupta, Professor, CSE Department, PIET

5.1 Inaugural Session: Snap Shot



6. Technical Session Detail:

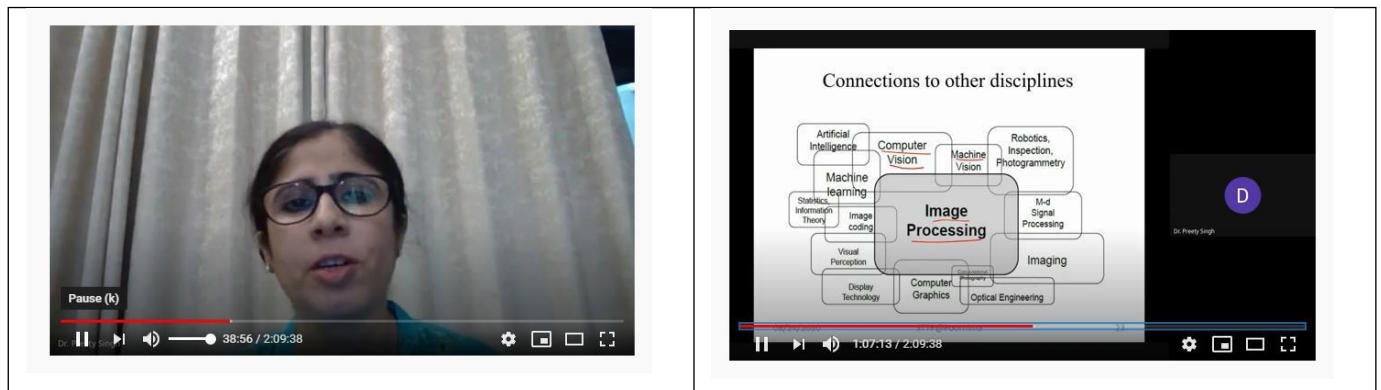
Session 1: Day: Monday, August 24, 2020

Time: 10:00 AM to 11:30 AM

Topic: Introduction to Digital Image Processing.

Resource Person: Dr. Preety Singh Assistant Professor, LNMIIT Jaipur

Snapshot:



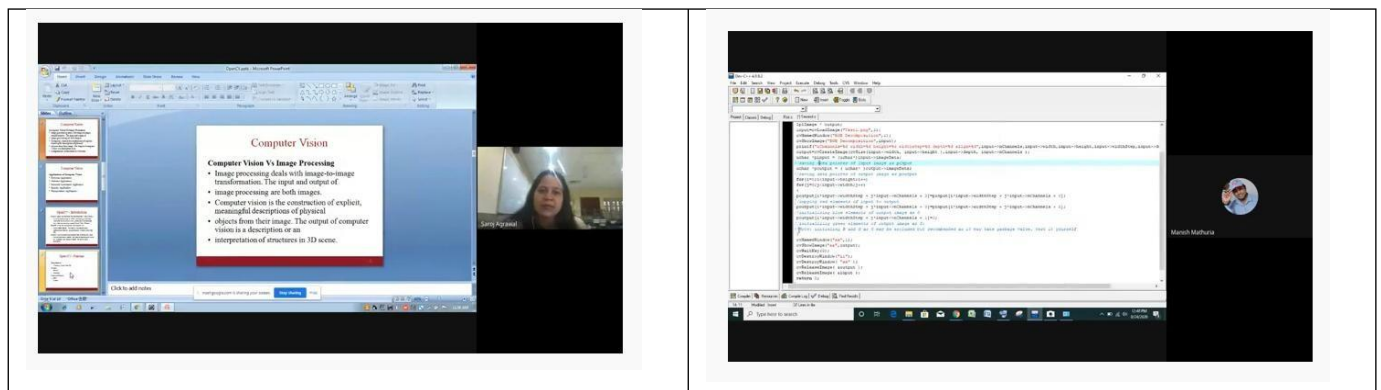
Session 2: Day: Monday, August 24, 2020

Time: 11:45 AM to 01:15 PM

Topic: Hands-On Session - Open CV and Image Library Packages Basic Operations on Image Using Open CV

Resource Person: Ms. Saroj Agrawal Assistant Professor Mahaveer College of Commerce Jaipur

Snapshot:



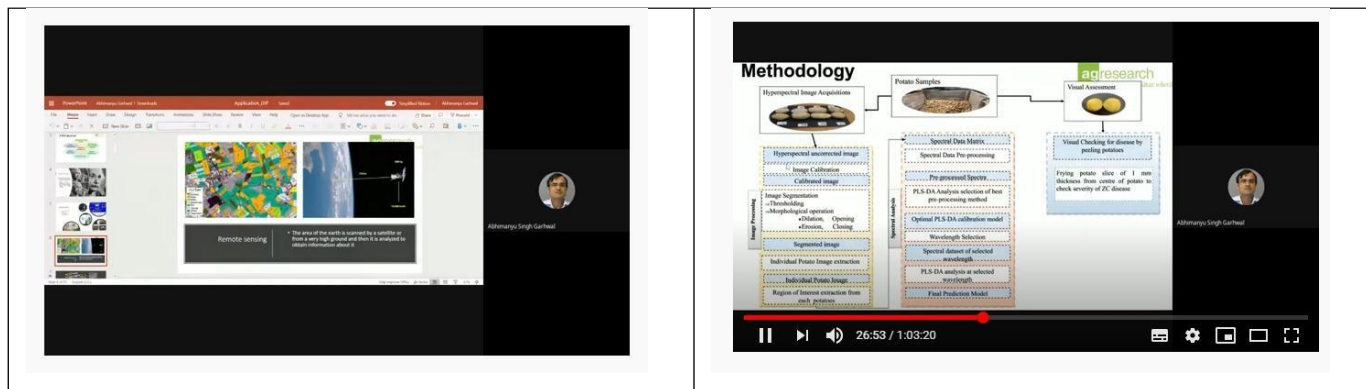
Session 3: Day: Monday, August 24, 2020

Time: 02:00 PM to 03:30 PM

Topic: Applications of Digital Image Processing.

Resource Person: Dr. Abhimanyu Singh Garhwal Post-Doctoral Scientist, AgResearch, New Zealand

Snapshot:



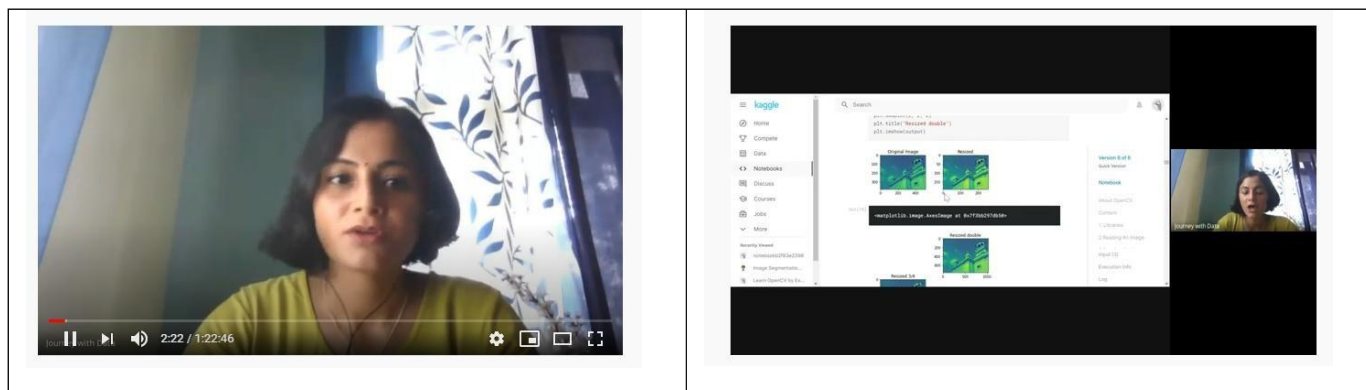
Session 4: Day: Tuesday, August 25, 2020

Time: 10:00 AM to 11:30 AM

Topic: Hands-on Session Rescaling, Random noise, color inversion, image transformation.

Resource Person: Ms. Shubhra Dalakoti Process Manager, American Express

Snapshot:



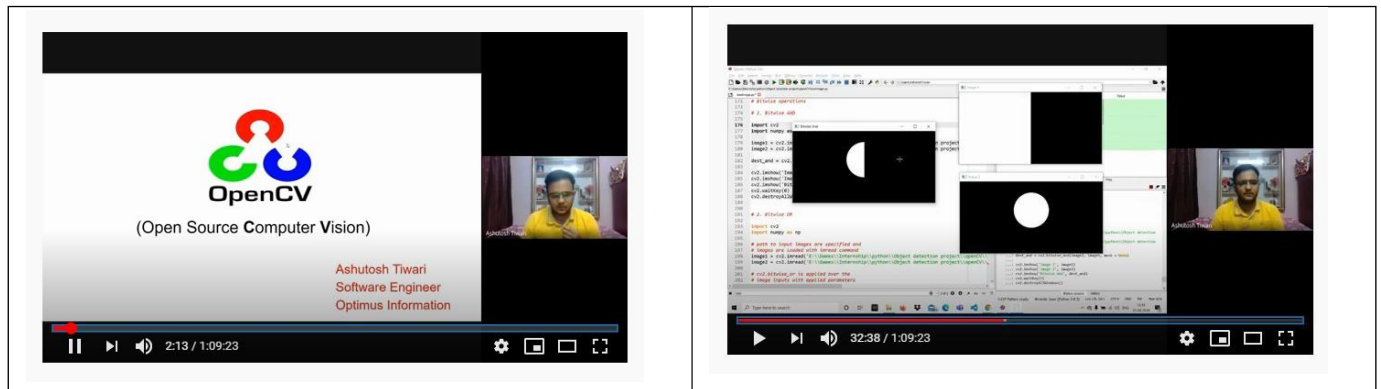
Session 5: Day: Tuesday, August 25, 2020

Time: 11:45 AM to 01:15 PM

Topic: Understanding the image arithmetic and logical functions Including Hands on

Resource Person: Mr. Ashutosh Tiwari Software Engineer Optimus Information

Snapshot:



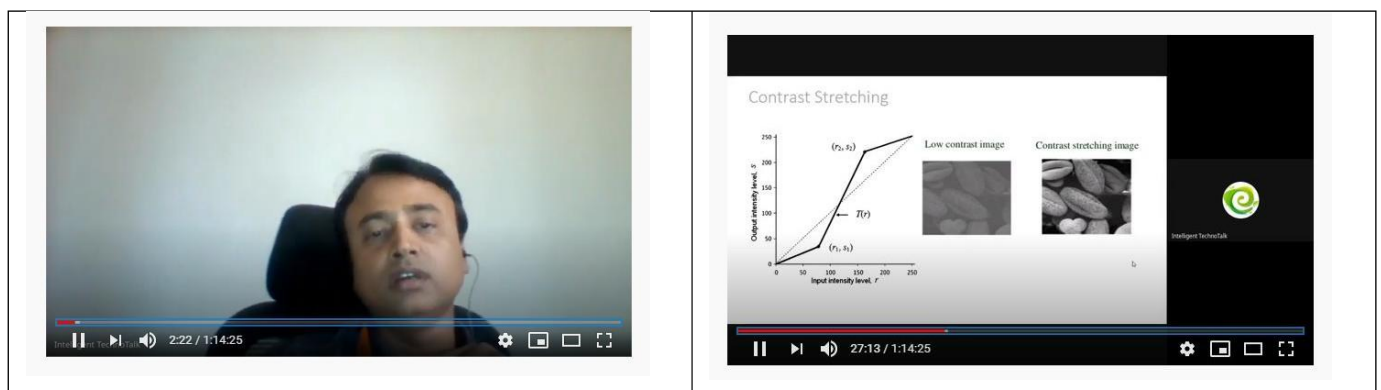
Session 6: Day: Tuesday, August 25, 2020

Time: 02:00 PM to 03:30 PM

Topic: Image enhancement, Restoration and Segmentation

Resource Person: Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur

Snapshot:



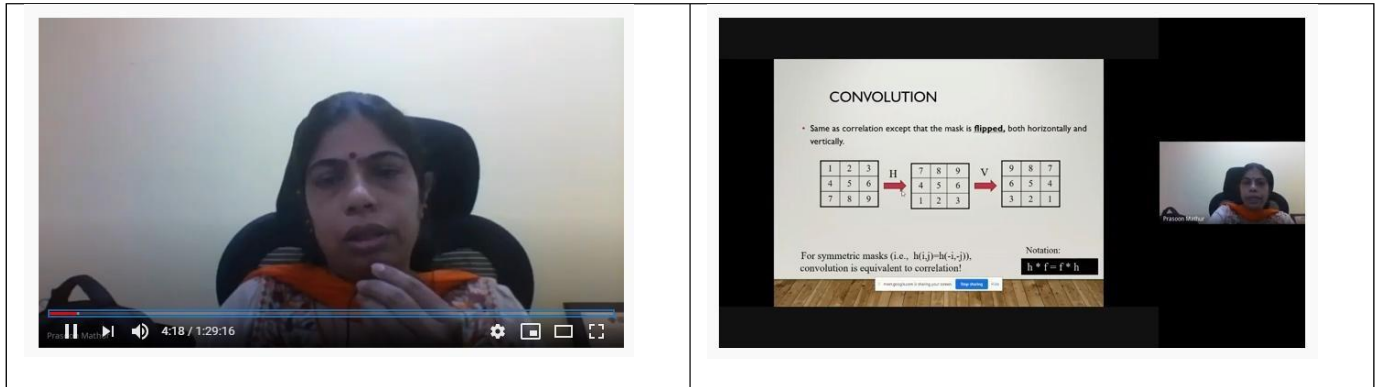
Session 7: Day: Wednesday, August 26, 2020

Time: 10:00 AM to 11:30 AM

Topic: Image filters.

Resource Person: Dr Pratistha Mathur Professor Manipal University Jaipur

Snapshot:



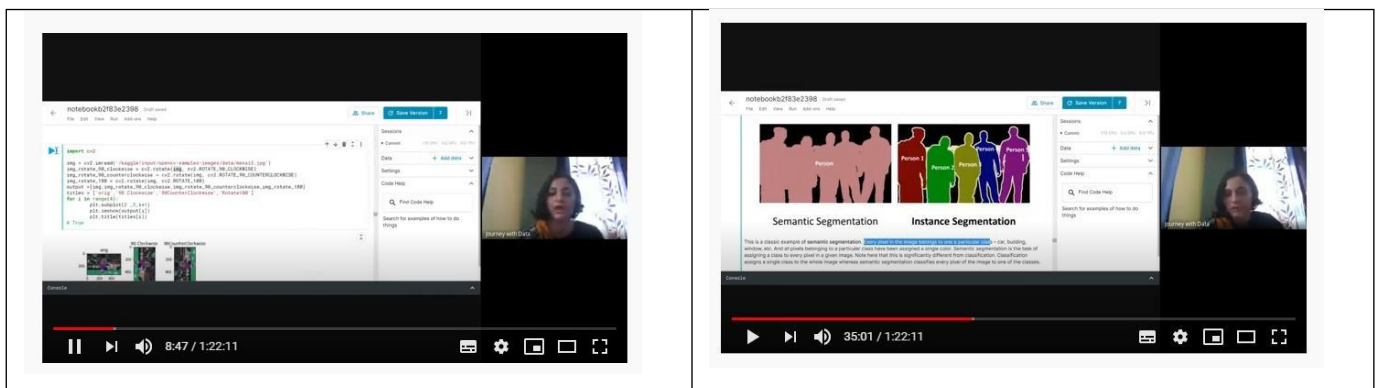
Session 8: Day: Wednesday, August 26, 2020

Time: 11:45 AM to 01:15 PM

Topic: Hands-On Session Image Segmentation & Filters

Resource Person: Ms. Shubhra Dalakoti Process Manager, American Express

Snapshot:



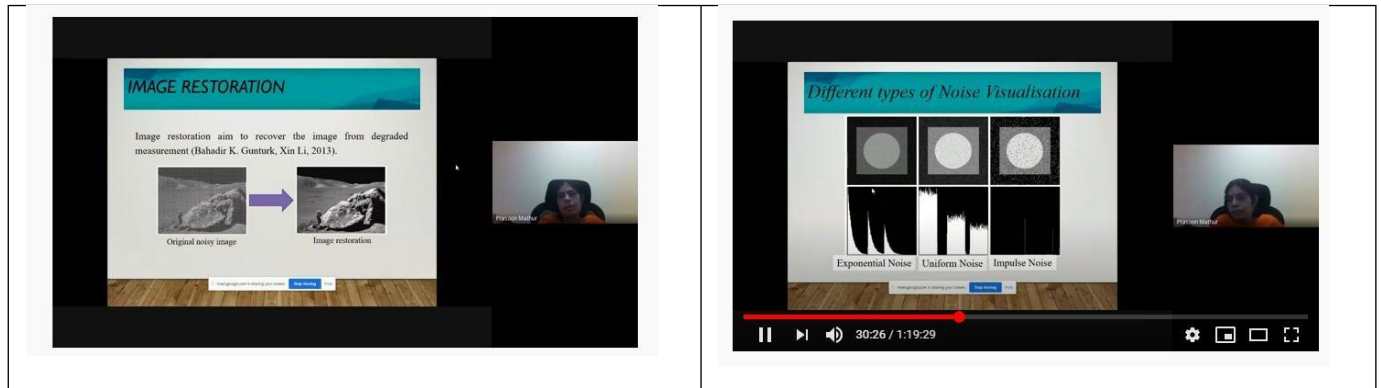
Session 9: Day: Wednesday, August 26, 2020

Time: 02:00 PM to 03:30 PM

Topic: Noise reduction in images

Resource Person: Dr Pratistha Mathur Professor Manipal University Jaipur

Snapshot:



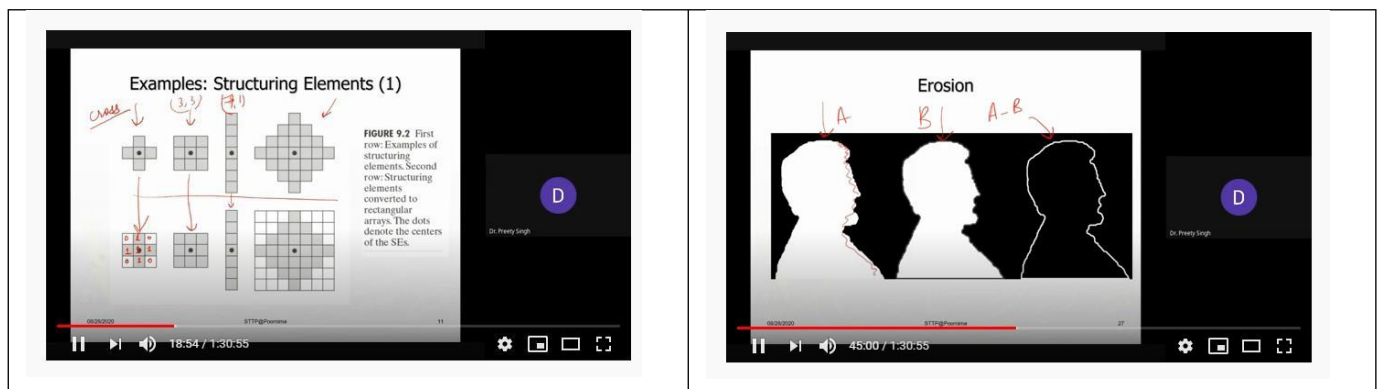
Session 10: Day: Thursday, August 27, 2020

Time: 10:00 AM to 11:30 AM

Topic: Image Morphology and Compression.

Resource Person: Dr. Preety Singh Assistant Professor, LNMIIT Jaipur

Snapshot:



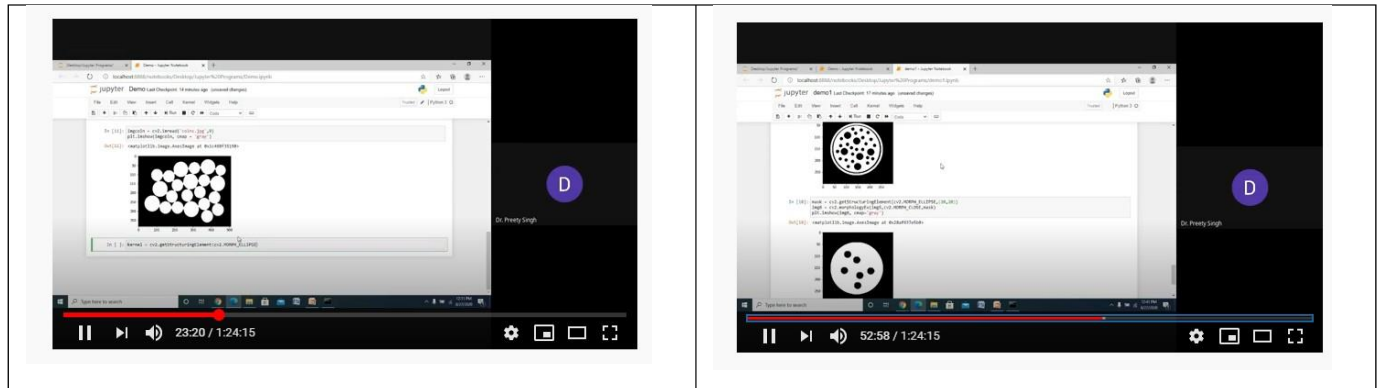
Session 11: Day: Thursday, August 27, 2020

Time: 11:45 AM to 01:15 PM

Topic: Hands-On Session - Image Morphology and Compression

Resource Person: Dr. Preety Singh Assistant Professor, LNMIIT Jaipur

Snapshot:



Session 12: Day: Thursday, August 27, 2020

Time: 02:00 PM to 03:30 PM

Topic: Image Cryptography

Resource Person: Dr. Munesh Chandra Associate Professor, NIT Agartala

Snapshot:



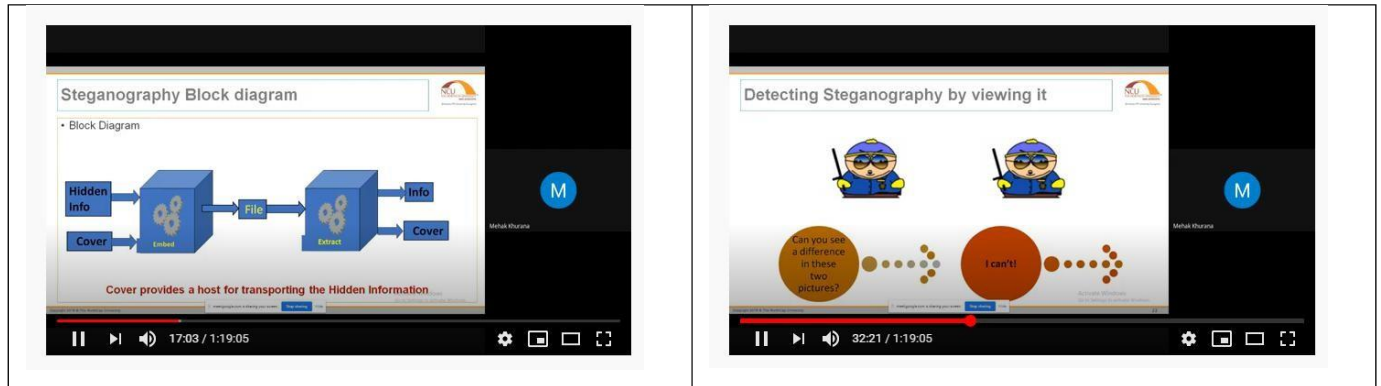
Session 13: Day: Friday, August 28, 2020

Time: 10:00 AM to 11:30 AM

Topic: Image Steganography.

Resource Person: Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana

Snapshot:



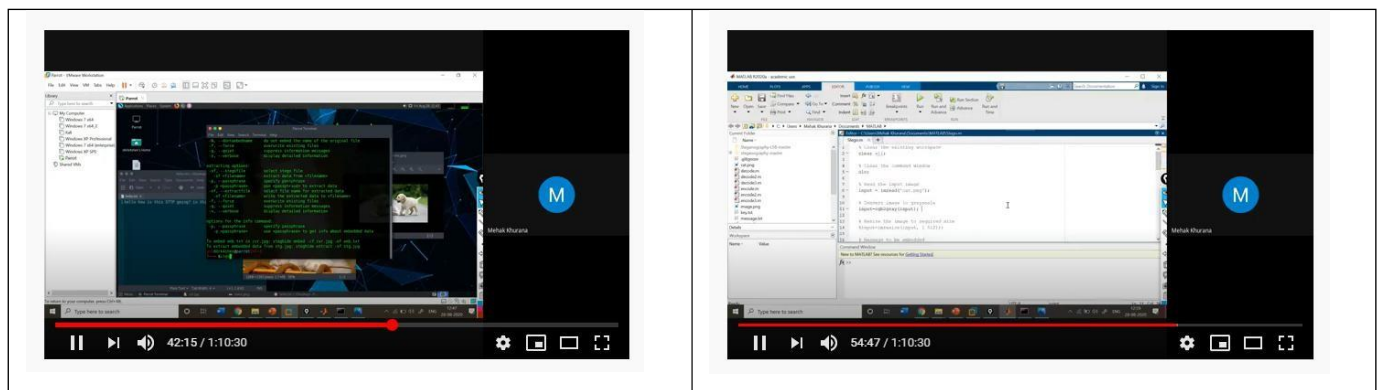
Session `14 Day: Friday, August 28, 2020

Time: 11:45 AM to 01:15 PM

Topic: Hands-On Session - Image Steganography

Resource Person: Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana

Snapshot:



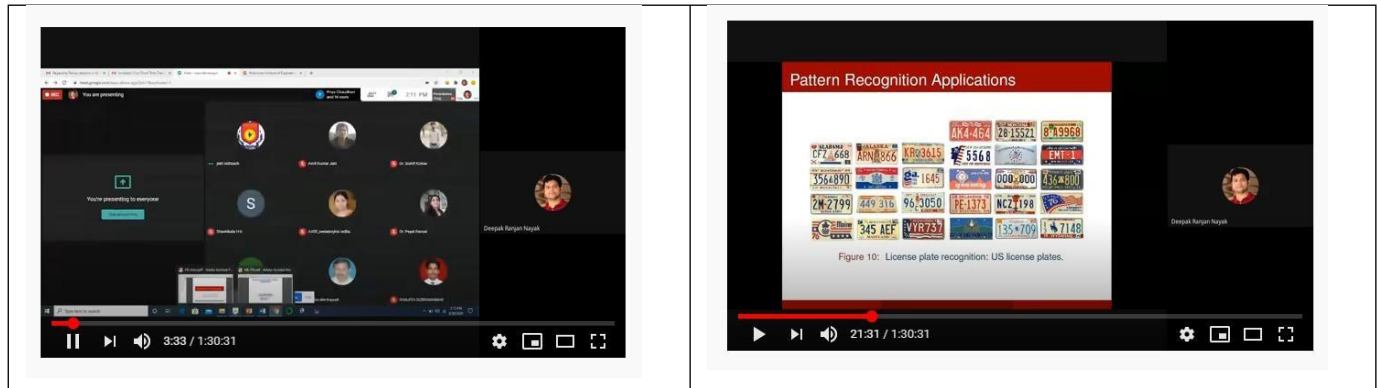
Session 15: Day: Friday, August 28, 2020

Time: 02:00 PM to 03:30 PM

Topic: Introduction to Pattern Recognition

Resource Person: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur

Snapshot:



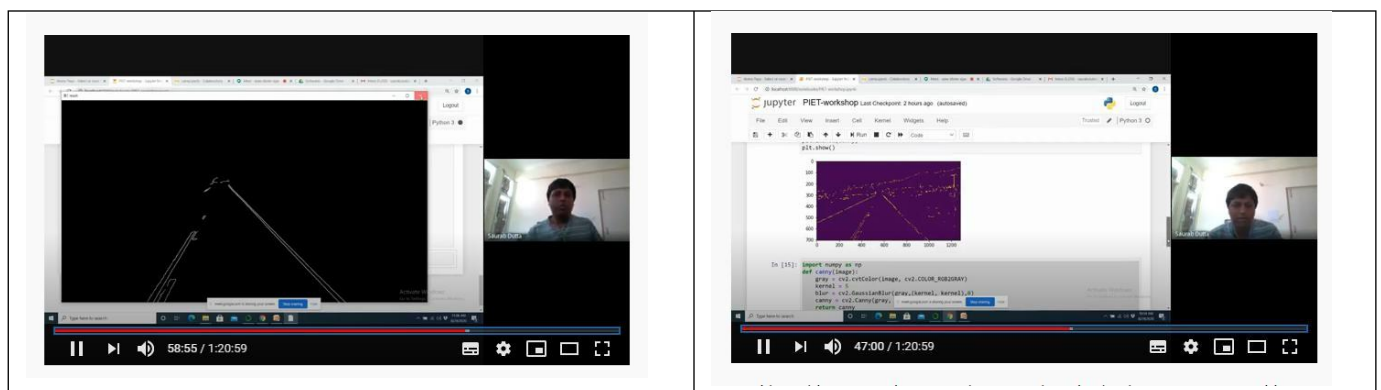
Session 16: Day: Saturday, August 29, 2020

Time: 10:00 AM to 11:30 AM

Topic: Working with Canny Edge Detection Gaussian Blurring in Image including Hands on

Resource Person: Mr. Saurabh Dutta Assistant Professor, Poornima University Jaipur.

Snapshot:



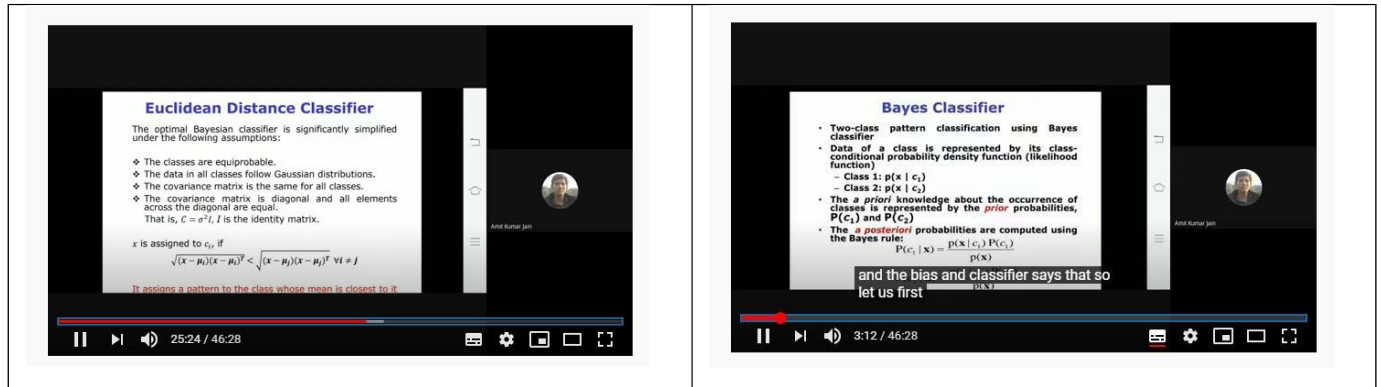
Session 17: Day: Saturday, August 29, 2020

Time: 11:45 AM to 01:15 PM

Topic: Hands-On Session Pattern Recognition

Resource Person: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur

Snapshot:



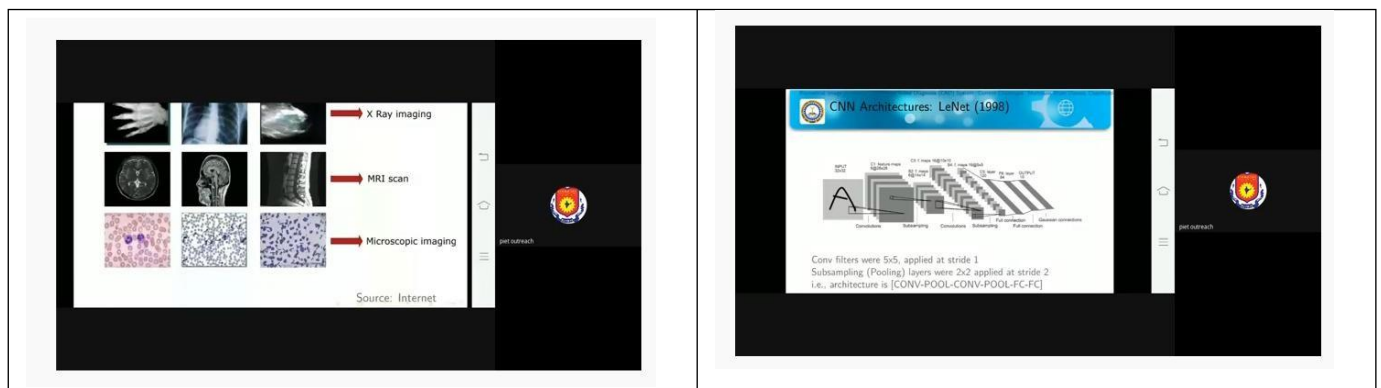
Session 18: Day: Saturday, August 29, 2020

Time: 02:00 PM to 03:30 PM

Topic: Medical imaging

Resource Person: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur

Snapshot:



7. Video links:

7.1 Poornima Group TV Link:

S.NO.	Session Name	Poornima Group-TV LINK
1	Hands-On Session Open CV and Image Library Packages By Ms. Saroj Agrawal Asst. Prof. M.C.C. Jaipur	https://youtu.be/WzNCITJJul8
2	Applications of Digital Image Processing By Dr. Abhimanyu Singh Garhwal, AgResearch, New Zealand	https://youtu.be/XYivptWS7fw
3	Hands-on Session on Rescaling, Random noise, color inversion, image transformation By: Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/jNtyKEQrnHM
4	Understanding the image arithmetic and logical functions Including Hands On Practice By: Mr. Ashutosh Tiwari, Software Engineer, Optimus Information	https://youtu.be/wvs3-bcr7Mk
5	Image enhancement, Restoration and Segmentation By: Dr. Vivek Kumar Verma, Asst. Prof. Manipal University	https://youtu.be/6TrbSZxnHhY
6	Image filters By: Dr. Pratistha Mathur, Professor Manipal University Jaipur	https://youtu.be/cZNC_tjI4g
7	Hands-On Session Image Segmentation & Filters By: Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/dqMyxPgmOkA
8	Noise reduction in images By: Dr Pratistha Mathur Professor Manipal University Jaipur	https://youtu.be/I9JokGhO73Y
9	Image Cryptography By: Dr. Munesh Chandra Associate Professor, NIT Agartala	https://youtu.be/BOf27c-2j1E
10	Image Steganography By: Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	https://youtu.be/HoHzeRVXYW4
11	Hands-On Session - Image Steganography By: Dr. Mehak Khurana Asst. Prof. The North Cap University, Gurugram	https://youtu.be/MkYv1TcZzUk
12	Introduction to Pattern Recognition By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/gOxeXK4JDSs
13	Working with Canny Edge Detection Gaussian Blurring in Image By: Mr. Saurabh Dutta Asst. Prof. PU Jaipur	https://youtu.be/W696AIyikgY
14	Hands-On Session Pattern Recognition By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/zBAAlAVxmPc
15	Medical imaging By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/V33Qp78MjJs

7.2 You Tube Link:

S.NO.	Session Name	You Tube LINK
1	Introduction to Digital Image Processing By Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	https://youtu.be/yS2G9h_xOXQ
2	Hands-On Session Open CV and Image Library Packages By Ms. Saroj Agrawal Asst. Prof. M.C.C. Jaipur	https://youtu.be/d9gODOQ7PHrA
3	Applications of Digital Image Processing By Dr. Abhimanyu Singh Garhwal, AgResearch, New Zealand	https://youtu.be/EcZaJNX5qHM
4	Hands-on Session on Rescaling, Random noise, color inversion, image transformation By: Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/t3uvQM7VB0M
5	Understanding the image arithmetic and logical functions Including Hands On Practice By: Mr. Ashutosh Tiwari, Software Engineer, Optimus Information	https://youtu.be/T9KqNJUJ7Fc
6	Image enhancement, Restoration and Segmentation By: Dr. Vivek Kumar Verma, Asst. Prof. Manipal University	https://youtu.be/4v8GoRpSZmU
7	Image filters By: Dr. Pratistha Mathur, Professor Manipal University Jaipur	https://youtu.be/SdNb_9TbCf4
8	Hands-On Session Image Segmentation & Filters By: Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/Q8WtNr5kp-4
9	Noise reduction in images By: Dr Pratistha Mathur Professor Manipal University Jaipur	https://youtu.be/T96cdPo-FjY
0	Image Morphology and Compression. By: Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	https://youtu.be/398yKglhby8
11	Hands-On Session Image Morphology and Compression By: Dr. Preety Singh Assistant Professor, LNMIIT Jaipur	https://youtu.be/jDQOspVytZk
12	Image Cryptography By: Dr. Munesh Chandra Associate Professor, NIT Agartala	https://youtu.be/AKN0wepGw_0
13	Image Steganography By: Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	https://youtu.be/AQBZKPKtvII
14	Hands-On Session - Image Steganography By: Dr. Mehak Khurana Asst. Prof. The North Cap University, Gurugram	https://youtu.be/8OWcj0CIohI
15	Introduction to Pattern Recognition By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/fwEDYzrukQ4
16	Working with Canny Edge Detection Gaussian Blurring in Image By: Mr. Saurabh Dutta Asst. Prof. PU Jaipur	https://youtu.be/ufGuU9mte98
17	Hands-On Session Pattern Recognition By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/g9JOza8nGk4
18	Medical imaging By: Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/kEloFzwZxBI

8. List of participants:

NAME	E-MAIL ID	DESIGNATION
Mr. Abhishek Dadhich	abhishek.dadhich@poornima.org	Assistant Professor
Mr. Devender Kumar Dhaked	dd.rcew@gmail.com	Assistant Professor
Ms. Shefali Sharma	shefalisharma888@gmail.com	Assistant Professor
Mr. Rahul Gupta	rahulgupta.043@poornima.org	Assistant Professor
Ms. Vanitha.G	vanithaphd19@gmail.com	Research Scholar (Ft)
Dr. Rekha Jain	rekha.jain@poornima.org	Professor
Ms. Priyanka Sharma	priyanka.sharma87@poornima.org	Assistant Professor
Dr. Garima Mathur	drg.mathur@poornima.org	Professor
Ms. Reena Sharma	reena.sharma@poornima.org	Assistant Professor
Mr. Gaurav Saxena	gaurav.saxena@poornima.org	Assistant Professor
Mr. Vikram Khandelwal	vikram.khandelwal@poornima.org	Assistant Professor
Mr. Santosh Kumar Singh	santosh.trinity17@gmail.com	Assistant Professor
Ms. Manisha Kumawat	manishakumawat@poornima.org	Assistant Professor
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Mr. Sumit Kushwaha	sumit.kushwaha1@gmail.com	Assistant Professor
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Mr. Deepak Moud	deepakmoud@poornima.org	Assistant Professor
Dr. Anil Kumar	anilkumar@poornima.org	Associate Professor

9. Result:

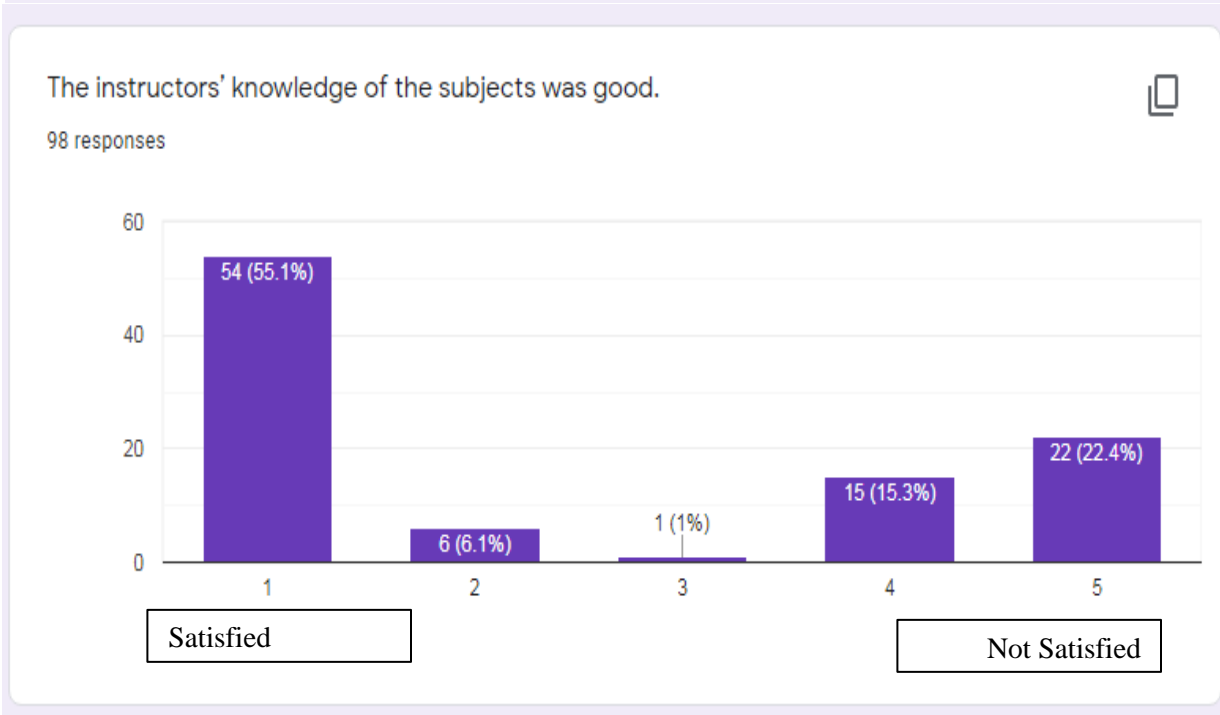
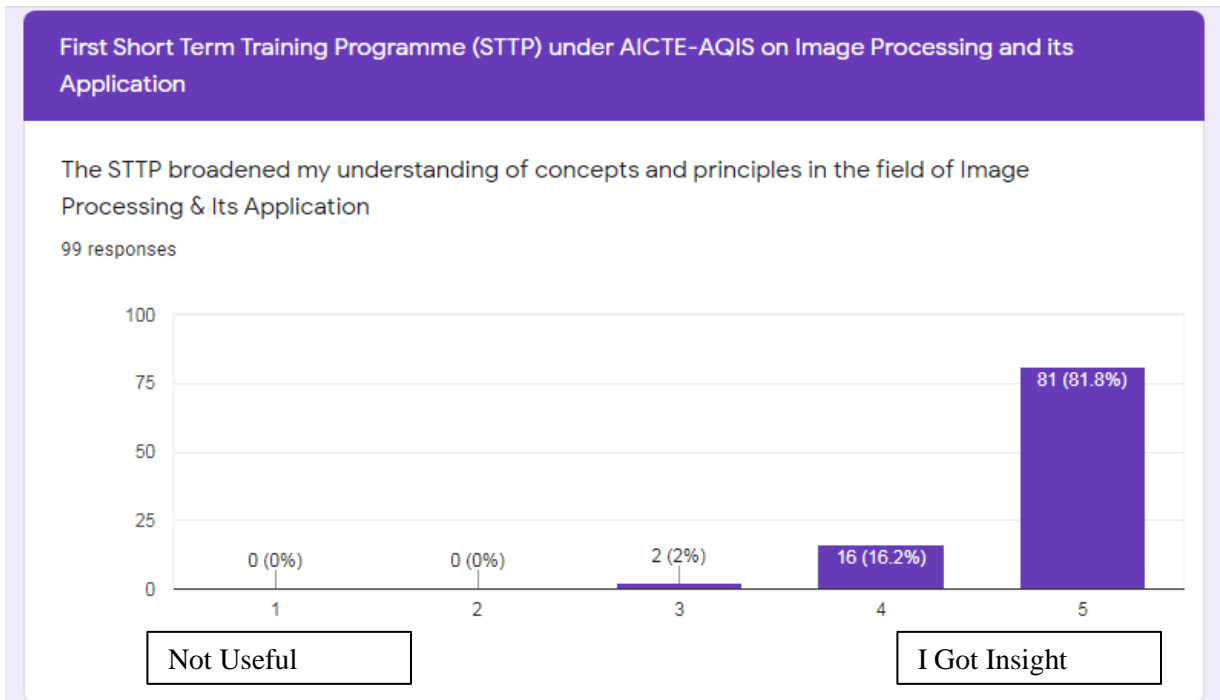
S.NO.	NAME	MARKS(40)
1	Mr. Abhishek Dadhich	25
2	Mr. Devender Kumar Dhaked	32
3	Ms. Shefali Sharma	33
4	Mr. Rahul Gupta	23
5	Ms. Vanitha.G	23
6	Dr. Rekha Jain	23
7	Ms. Priyanka Sharma	34
8	Dr. Garima Mathur	29
9	Ms. Reena Sharma	18
10	Mr. Gaurav Saxena	19
11	Mr. Vikram Khandelwal	16
12	Mr. Santosh Kumar Singh	8
13	Ms. Manisha Kumawat	18
14	Dr. Payal Bansal	17
15	Mr. Sumit Kushwaha	36
16	Mr. Aniket Shahade	19
17	Mr. Saikumar Tara	34
18	Ms. Sridevi Gangina	33
19	Ms. Abhilasha Vyas	30
20	Ms. Poonam Sharma	37
21	Mr. Aman Dureja	19

22	Dr. P Chandra Sekhar Reddy	14
23	Dr. Jampani Chandra Sekhar	33
24	Dr. Sailesh Iyer	26
25	Ms. Seelaboyina Radha	35
26	Mr. Shivanand Bhimashankar Konade	14
27	Mr. Seshaiiah M	25
28	Dr. Balajee Maram	35
29	Ms. Sushila Vishnoi	32
30	Dr. Raghavendra Patidar	34
31	Mr. Ranjith S	29
32	Mr. Mahesh Madhukar Mahajan	36
33	Mr. Ramagiri Kiran	12
34	Mr. Shankar G	32
35	Dr. Ankur Biswas	37
36	Ms. Desiree Juby Vincent	38
37	Dr. Jagannath Nirmal	19
38	Mr. M Sreedhar Reddy	19
39	Dr. A Nagesh	27
40	Ms. Krishna Gupta	27
41	Ms. Damini Yuvraj Deore	36
42	Dr. Kavitha S	32
43	Mr. Raj Jaiswal	37
44	Mr. Mayank Kumar Jain	16
45	Dr. Anuradha T	33
46	Mr. Abdul Alim	15
47	Mr. Amar Ranjan Dash	37
48	Ms. Baishnobi Dash	37
49	Mr. T Mukthar Ahamed	37
50	Ms. Mereena John	24
51	Dr. Chengathir Selvi Murugesan	37
52	Dr. Mohanjeet Singh	35
53	Mr. Sameer Saxena	13
54	Mr. Balachandran.G	30
55	Mr. Raghavendar Raju L	19
56	Dr. Sasikumar Gurumoorthy	22
57	Mr. M. Praveen Kumar	37
58	Ms. Palanimeera J	26
59	Dr. P.Malliga	31
60	Mr. Vanga Karunakar Reddy	29
61	Dr. Pankaj Bhambri	12
62	Ms. R.Prasanthi@Punithavathi	34

63	Dr. Nirmalrani V	24
64	Ms. Aakanksha Jain	26
65	Mr. Ganeshkumar M	29
66	Mr. Suman Chatterjee	31
67	Mr. Amit Kumar Jain	31
68	Ms. Shashikala H K	32
69	Mr. Krishnarao Patwari	20
70	Dr. Pankaj Dadhich	34
71	Ms. Belina. N	30
72	Mr. Bhagavathi Santoskumar	21
73	Dr. Sumit Kumar	11
74	Ms. Chapala Maharana	28
75	Ms. Pooja Sharma	37
76	Ms. Priya Dilip Chaudhari	35
77	Ms. Gouri Khadabadi	26
78	Dr. Sreenadh Chevula	10
79	Dr. Megha Gupta	27
80	Ms. Swati Srivastava	34
81	Dr. Sandip D Satav	31
82	Ms. Rashmi Tallalli	19
83	Mr. Sanjeev Kumar Mittal	9
84	Mr. Gaurav R Agrawal	33
85	Ms. Seeta Gupta	20
86	Ms. Archana Vinayak Gangurde	11
87	Ms. Malathi Freetham	11
88	Mr. Sandeep Tuli	31
89	Ms. Nidhi Periwal	16
90	Ms. Shruti Bijawat	37
91	Mr. Manish Mathuria	34
92	Mr. Manish Bhardwaj	26
93	Mr. Chandan Kumar Dubey	37
94	Mr. Deepak Moud	34
95	Dr. Anil Kumar	25
96	Ms. Anitha E	27
97	Mr. Chintoju Sidhardha	32
98	Mr. Dinesh Jain	17
99	Dr. Chander Mohan Associate Professor	14
100	Dr. Pokkuluri Kiran Sree	14
101	Dr. Pokkuluri Kiran Sree	10
102	Dr. S Karkuzhali	21
103	Dr. Sanjay Bhargava	13

104	Dr. Chander Mohan Associate Professor	19
105	Mr. Gautam Pal	21
106	Ms. J.Palanimeera	17
107	Dr. Kusum Pandey	27
108	Ms. Lakshmi	20
109	Mr A Venkata Ramana	17
110	Mr. K. Chandra Shekar	36
111	Mr.K.Ravikanth	7
112	Mr. Nagaraju Pamarthi	30
113	Mr. Prasad Prabhakar Mahale	32
114	Ms. Priyanka V Deshmukh	19
115	Mr. Rahool Sekera	25
116	Mr. Ranjith S	29
117	Mr. Shaik Akbar	19
118	Ms. Simran Chhetija	21
119	Dr. Suneet Kumar	12
120	Mr. Uttam Basu	37

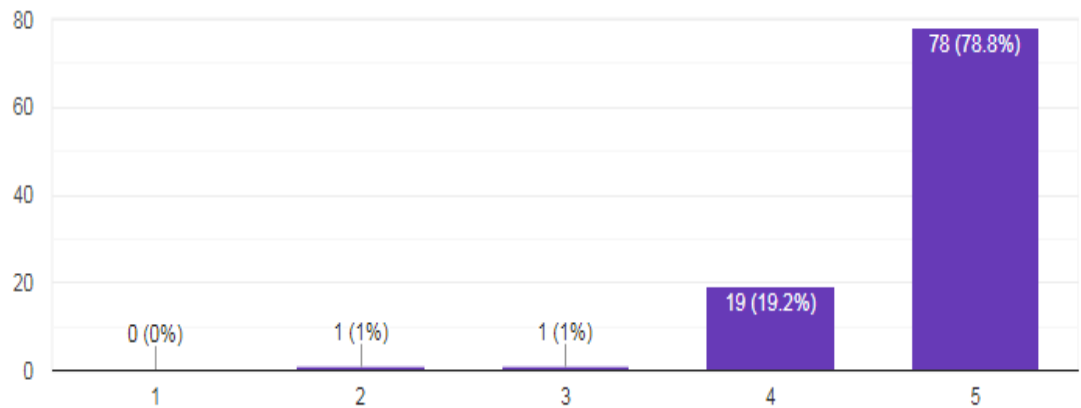
10.Feedback:



The instructors explained the material well.



99 responses



Less Explained

Well Explained

The balance between lectures and hands-on sessions was optimal.



99 responses



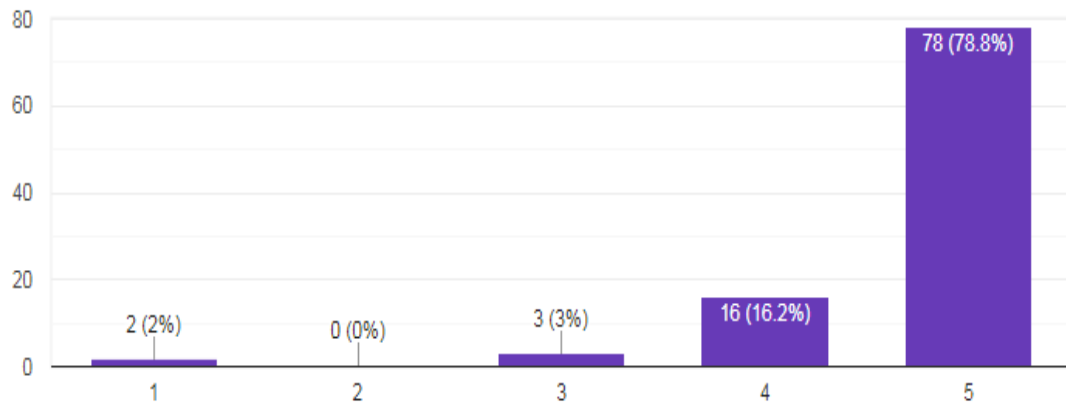
Yes

No

STTP handouts Were clear and well-organized.



99 responses



Not Useful

Well Organized

11. Annexure:

11.1 STTP Certificate

**AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on
Image Processing and its Application**

August 24-29, 2020

Organized by



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

Sponsored by



AICTE Quality Improvement Scheme (AQIS)

Appreciation Certificate

This certificate is awarded to Dr. Vivek Kumar Verma from Manipal University Jaipur for sharing his/her valuable knowledge as a Speaker in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur; held from August 24, 2020 to August 29, 2020.



(Dr. Praveen Kumar Gupta)
Coordinator



(Dr. Dinesh Goyal)
Principal & Director, PIET

ISI-2, RIICO Institutional Area, Sitapura, Jaipur • E-mail : info@poornima.org • www.piet.poornima.org

Speakers Certificate

**AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on
Image Processing and its Application**

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AICTE Quality Improvement Scheme (AQIS)

Certificate

This is to certify that **SESHAIAH M**
From **SJC INSTITUTE OF TECHNOLOGY CHICKBALLAPUR**
has participated in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur; held from August 24, 2020 to August 29, 2020.



(Dr. Praveen Kumar Gupta)
Coordinator



(Dr. Dinesh Goyal)
Principal & Director, PIET

ISI-2, RIICO Institutional Area, Sitapura, Jaipur • E-mail : info@poornima.org • www.piet.poornima.org

Participant Certificate



POORNIMA FOUNDATION

INTER OFFICE MEMO

College:- PIET

Dept.:- COMPUTER ENGINEERING

From:-MR. DEEPAK MOUD

To:- ACCOUNTS DEPARTMENT

Date:-08.09.2020

Time

02:00 PM

Reference: AICTE-AQIS STTP On Image Processing & Its Applications - REMUNERATION

C.C.: Dr. Dinesh Goyal

C.C.

Respected Sir,

This is to bring to kind notice that Department of Computer Engineering has organized a **First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application** on 24-29 August, 2020. In the same concern following are the details of the Remuneration of Speakers of various sessions conducted in STTP.

S.NO	NAME	Remark	AMOUNT
1	Dr. Munesh Chandra Trivedi	Speaker	4000
2	Ms. Shubhra Dalakoti	Speaker	8000
3	Dr. Abhimanyu Singh Garhwal	Speaker	4000
4	Dr. Preety Singh	Speaker	12000
5	Mr. Saurab Dutta	Speaker	4000
6	Ms. Saroj Agrawal	Speaker	4000
7	Dr. Deepak Ranjan Nayak	Speaker	12000
8	Dr. Mehak Khurana	Speaker	8000
9	Mr. Ashutosh Tiwari	Speaker	4000
10	Dr. Pratistha Mathur	Speaker	8000
11	Dr. Vivek Kumar Verma	Speaker	4000
12	Mr. Sandeep Tuli (Acting Co-Coordinator) instead of Dr. Praveen Kumar Gupta	Co-Coordinator	5000
13	Mr. Sanjeev Kumar Mittal	Technical Assistant	3000
TOTAL			80000/-
Total (in words) : Eighty Thousand Only			

Above amount can be released from the account No 13: (Write full account No.)

Name	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
Account No.	665420110000013

**Total Amount Received for AICTE-AQIS STTP containing three modules is Rs. 226666/-
The above amount is for the First Module only. Remaining fund will be used in next Two Modules**

Detailed Sheet containing all information is also attached herewith for your reference. You are requested to do the needful at the earliest.

Thanks& Regards

Mr. Deepak Moud
HOD CE, PIET

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY JAIPUR

DEPARTMENT OF COMPUTER ENGINEERING

First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

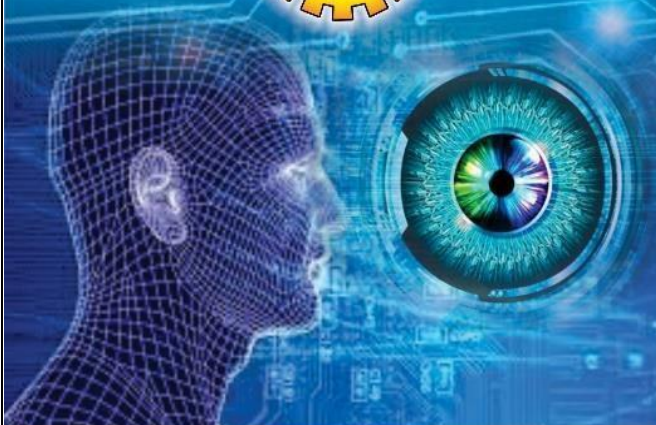
HONORARIUM BILL

S.NO	Name (Capital Letters)	Your Name as per in Bank Account	Account Number	Bank Name	Bank IFSC Code	Branch Address	Bank City Name	PAN CARD NUMBER	Amount
1	Dr. Munesh Chandra Trivedi	Munesh Chandra Trivedi	55141122055	SBI	SBIN0051016	Shastri Ngar, Ghaziabad, UP	Shastri Ngar, Ghaziabad, UP	AEQPT1597R	4000
2	Ms. Shubhra Dalakoti	Shubhra Dalakoti	188201500260	ICICI BANK	ICIC0001882	Icici Bank Ltd.,Shop No 6,7 & 8, Ridhi Siddhi Heritage, Plot No 56 &57, Sector -19, Airoli Navi Mumbai 400708	AIROLI, NAVI MUMBAI	BBEPD9972Q	8000
3	Dr. Abhimanyu Singh Garhwal	Abhimanyu Singh Garhwal	00000039075287589	SBI	SBIN0032000	Sbi Kohinoor Royale Branch, D-46-B, Ground Floor, Ambition Tower, C-Scheme,	JAIPUR	AJCPB1475D	4000
4	Dr. Preety singh	Preety Singh	676801460989	ICICI Bank	ICIC0006768	MNIT, JLN Marg, Malviya Nagar, Jaipur	Jaipur	AANPS5976Q	12000
5	Mr. Saurab Dutta	Saurab Dutta	004201537419	ICICI BANK	ICIC0000042	Bj-140, Sector II, Salt Lake City,Kolkata,West Bengal, 700091	Kolkata	AOVPD2840N	4000
6	Ms. Saroj Agrawal	Saroj Agrawal	675601520195	ICICI Bank	ICIC0006756	Jaipur Stock Exchange Branch, Malviya Nagar, Jaipur	JAIPUR	AGAPG8555G	4000
7	Dr. Deepak Ranjan Nayak	Deepak Ranjan Nayak	30794064319	SBI	SBIN0012053	GOPALPUR	BALASORE	AKUPN5181H	12000
8	Dr. Mehak khurana	Mehak Khurana	82472180002266	Syndicate Bank	SYNB0008247	Sector 23A, gurgaon, ITM University	Gurgaon	BDEPK7364K	8000
9	Mr. Ashutosh Tiwari	Ashutosh Tiwari	918010112728031	Axis Bank	UTIB0000723	Sector-62, Noida[UP],201301	Noida	BNIPT1062P	4000
10	Dr. Pratistha Mathur	Pratistha Mathur	32549322697	State Bank Of India	SBIN0015335	TRIVENI NAGAR	JAIPUR	AFFPM7752K	8000
11	Dr. Vivek kumar verma	Vivek Kumar Verma	61231648239	State Bank Of India	SBIN0031804	Bhankrota	Jaipur	AMXPV7838A	4000
12	Mr. Sandeep Tuli	Sandeep Tuli	50100221523121	HDFC	HDFC0003873	Sitapura Industrial Area Jaipur	JAIPUR	AKAPT8293J	5000
13	Mr. Sanjeev Kumar Mittal	Sanjeev Kumar Mittal	50100307510246	HDFC	HDFC0003873	Hdfc Bank Ltd Ltd F128 Sitapura Industrial Area Jaipur Rajasthan 302022	JAIPUR	CZOPM2961F	3000
TOTAL									80000
TOTAL IN WORDS: EIGHTY THOUSAND ONLY									

Six Days Short Term Training Programme (STTP) under AQIS on **IMAGE PROCESSING AND ITS APPLICATION**

September 7-12, 2020

Sponsored by



Organized by
**Department of
Computer Engineering**



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ABOUT INSTITUTE

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B.Tech CSE 2020.
- Accredited with NBA for B.Tech Civil in 2019.
- NAAC Accredited Institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B.Tech in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too.

Image processing basically includes the following three steps:

- Importing the image via image acquisition tools;
- Analysing and manipulating the image;
- Output in which result can be altered image or report that is based on image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing Computer Vision
- Image Processing Operations Using Python
- Introduction to Pattern Recognition
- Classification of Images using Machine Learning Algorithms
- Image Segmentation
- Image Classification using Artificial Neural Network
- Document Image Classification using ML
- Convolutional Neural Network for image classification
- Image Re construction
- Medical Image Analysis
- Moving Object Detection using Deep Learning
- Deep Generative Adversarial Networks Models

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/AICTE recognized Institutions are only eligible.
- No Registration Fees
- Last Date of Registration: September 3, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/cRytuDpJQzsw1vGAA>



PATRON

Dr. Dinesh Goyal

Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR

Mr. Deepak Moud

Assistant Professor, Computer Engineering, PIET

PROGRAM CO-CHAIR

Dr. Gautam Singh

Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR

Dr. Praveen Gupta

Professor, Computer Engineering, PIET

CO-COORDINATOR

Ms. Pooja Sharma

Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Deepak Garg
HOD and Professor, CSE
Bennett University

Dr. Sumit Srivastava
Professor
Manipal University

Dr. Meenakshi Arya
Professor
SRM University

Dr. Manish Bhatt
Consultant, Shell Technology
Centre, Postdoc, IISC, Bangalore

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Manipal University

Mr. Yogendra Singh
Co-Founder Forsk Lab

Mr. Praveen Chandaliya
Trainer, Sdj Infosoft Pvt Ltd

Ms. Shubhra Dalakoti
Process Manager, American Express

RSVP

Dr. Praveen Gupta

✉ : piet.outreach@poornima.org • ☎ : 8058665842

Poornima Institute of Engineering & Technology				
Department of Computer Engineering				
Second Short Term Training Programme (STTP) under AQIS on Image Processing and its Application(September 7-12,2020)				
	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM	Coordinator
Monday 7.09.2020	Introduction to Digital Image Processing Computer Vision Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	Dr. Praveen Gupta
Tuesday 8.09.2020	Classification of Images using Support Vector Machine Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	Sentiment Analysis using CNN Dr. Basant Agarwal Assistant Professor, Department of CSE IIT Kota	Image Segmentation Using K-Means Clustering Algorithm Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	Dr. Praveen Gupta
Wednesday 9.09.2020	Image Classification using Artificial Neural Network Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University	Introduction & Implementation of Image Classification using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University	Dr. Praveen Gupta
Thursday 10.09.2020	Introduction to Convolutional Neural Network for image classification Dr. Meenakshi Arya, Professor, SRM University	Implementation of Image Classification using CNN Mr. Yogendra Singh, Co-Founder Forsk Lab	Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	Dr. Praveen Gupta
Friday 11.09.2020	Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	Dr. Praveen Gupta
Saturday 12.09.2020	Moving Object Detection using Deep Learning Dr. Santosh Vipparthi Assistant Professor, MNIT	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Dr. Praveen Gupta

POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY, JAIPUR

DEPARTMENT OF COMPUTER ENGINEERING

**Six Days Second Short Term Training Programme (STTP) under AICTE-
AQIS**

On

Image Processing and its Application

Session (2020-2021)



**Submitted By: -
Dr. Praveen Kumar Gupta
Coordinator,
Department of Computer Engineering**

**Submitted To:-
Dr. Dinesh Goyal
Director, PIET**



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POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY



Report

On

Six Days Second Short Term Training Programme (STTP)
under AICTE-AQIS

On

Image Processing and its Application

7th - 12th September 2020

Organized By-

**DEPARTMENT OF COMPUTER ENGINEERING
POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
ISI-2 RIICO INSTITUTIONAL AREA, SITAPURA
JAIPUR – 302022 RAJASTHAN, INDIA**


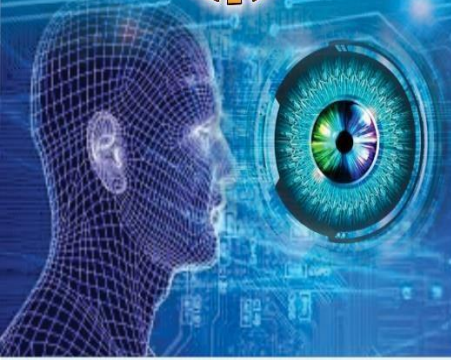
CONTENTS

S.NO	TOPIC	PAGE NO
1	STTP Brochure	3
2	Brief Overview	4
3	Media Coverage	5
3	Detail Report	6
	3.1 About PIET	6
	3.2 About Department	6
	3.3 About STTP	6
	3.4 Topic to be Covered	7
	3.5 Objective of STTP	8
4	Schedule of STTP	9
5	Q-Sheet – Inaugural Function	10
	5.1 Report & Snap Shots	11
6	Technical Session Details – Session Wise Including Snapshots	12
7	Video Links of Session 7.1 Poornima Group You Tube Link 7.2 Department	22
8	List of Participants	24
9	Result	29
10	Feedback	32
11	Annexure	35
	11.1 STTP Certificates	35



1. STTP Brochure:

Six Days Short Term Training Programme (STTP)
under AQIS on
IMAGE PROCESSING AND ITS APPLICATION
September 7-12, 2020

Sponsored by

Organized by
Department of Computer Engineering

POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

ABOUT INSTITUTE

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B.Tech CSE 2020.
- Accredited with NBA for B.Tech Civil in 2019.
- NAAC Accredited institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B.Tech in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too.

Image processing basically includes the following three steps:

- Importing the image via image acquisition tools;
- Analysing and manipulating the image;
- Output in which result can be altered image or report that is based on image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing Computer Vision
- Image Processing Operations Using Python
- Introduction to Pattern Recognition
- Classification of Images using Machine Learning Algorithms
- Image Segmentation
- Image Classification using Artificial Neural Network
- Document Image Classification using ML
- Convolutional Neural Network for image classification
- Image Re- construction
- Medical Image Analysis
- Moving Object Detection using Deep Learning
- Deep Generative Adversarial Networks Models

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/ AICTE recognized Institutions are only eligible.
- No Registration Fees
- Last Date of Registration: September 3, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/rYtuDpJQzsw1vGAA>

PATRON
Dr. Dinesh Goyal
Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR
Mr. Deepak Moud
Assistant Professor, Computer Engineering, PIET

PROGRAM CO-CHAIR
Dr. Gautam Singh
Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR
Dr. Praveen Gupta
Professor, Computer Engineering, PIET

CO-COORDINATOR
Ms. Pooja Sharma
Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Deepak Garg HOD and Professor, CSE Bennett University	Dr. Sumit Srivastava Professor Manipal University
Dr. Meenakshi Arya Professor SRM University	Dr. Manish Bhatt Consultant, Shell Technology Centre, Postdoc, IISC, Bangalore
Dr. Santosh Vipparthi Assistant Professor MNIT, Jaipur	Dr. Deepak Ranjan Nayak Assistant Professor MNIT, Jaipur
Dr. Kuldeep Singh Assistant Professor MNIT, Jaipur	Dr. Basant Agarwal Assistant Professor, CSE IIIT, Kota
Dr. Tapas Badal Assistant Professor, CSE Bennett University	Dr. Mahesh Jangid Assistant Professor, CSE Manipal University
Mr. Yogendra Singh Co-Founder Forsk Lab	Mr. Praveen Chandaliya Trainer, SdJ Infosoft Pvt Ltd

Ms. Shubhra Dalakoti
Process Manager, American Express

RSVP
Dr. Praveen Gupta
✉ : pier.outreach@poornima.org • ☎ : 8058665842

2. Brief Overview:

Six Days Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application		
Date: September 7-12, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Google Colab	
Participants Registered	201	
Resource Persons	SPEAKERS	
	Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	
	Dr. Sumit Srivastava Professor, Manipal University	
	Dr. Meenakshi Arya, Professor, SRM University	
	Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	
	Dr. Santosh Vipparthi Assistant Professor, MNIT	
	Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	
	Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	
	Dr. Basant Agarwal Assistant Professor, Department of CSE IIIT Kota	
	Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	
	Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	
	Mr. Yogendra Singh, Co-Founder Forsk Lab	
	Mr. Praveen Chandaliya, Trainer, Sdj Infosoft Pvt Ltd	
Ms. Shubhra Dalakoti Process Manager, American Express		

3. Media Coverage

कंप्यूटर विज्ञान की एडवांस एप्लीकेशंस की दी जानकारी

जयपुर। पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी की ओर से इमेज प्रोसेसिंग एंड इट्स एप्लीकेशन विषय पर छह दिवसीय ट्रेनिंग प्रोग्राम आयोजित किया जा रहा है। एआईसीटीई द्वारा आयोजित इस प्रोग्राम में विभिन्न कॉलेजों व यूनिवर्सिटीज के 100 से अधिक फैकल्टी मेंबर भाग ले रहे हैं। इन्हें विशेषज्ञों द्वारा कंप्यूटर विज्ञान, इमेज प्रोसेसिंग, आर्टिफिशियल न्यूरल नेटवर्क, डॉक्यूमेंट वेरिफिकेशन, इमेज वेलिडिटेसन जैसी तकनीकों व इनमें मशीन लर्निंग, डीप लर्निंग व पॉयथन के उपयोग की जानकारी दी जा रही है। विशेषज्ञों ने बताया कि वर्तमान में मेडिकल, बायो मेडिकल व सिक्वोरिटी जैसे क्षेत्रों में ये

तकनीकें सर्वाधिक उपयोग में ली जा रही हैं। अब डीप लर्निंग के जरिए मूविंग ऑब्जेक्ट्स का डिटेक्शन भी किया जा रहा है। बैनेट यूनिवर्सिटी में कंप्यूटर साइंट डिपार्टमेंट के एचओडी डॉ. दीपक गर्ग ने इमेज प्रोसेसिंग के विभिन्न तरीकों के बारे में जानकारी दी। एमएनआईटी जयपुर के डॉ. दीपक रंजन नायक ने मशीन के जरिए किसी भी पैटर्न को पहचानने की प्रक्रिया के बारे में बताया। बैनेट यूनिवर्सिटी के डॉ. तपस बादल ने मशीन लर्निंग के जरिए इमेज प्रोसेसिंग के बारे में बताया। इस मौके पर डॉ. सुमित श्रीवास्तव, डॉ. महेश जागिड़, डॉ. बसंत अग्रवाल सहित अन्य लोगों ने भी अपने विचार रखे।

6 दिवसीय ट्रेनिंग प्रोग्राम आयोजित

डेली न्यूज, mix रिपोर्टर

जयपुर। 'इमेज प्रोसेसिंग एंड इट्स एप्लीकेशन' सब्जेक्ट पर पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी की ओर से 6 दिवसीय ट्रेनिंग प्रोग्राम आयोजित हुआ। एआईसीटीई की ओर से प्रोग्राम में विभिन्न इंस्टीट्यूट व यूनिवर्सिटीज के 100 से अधिक फैकल्टी मेंबर्स शामिल हुए। विशेषज्ञों ने कंप्यूटर विज्ञान, इमेज प्रोसेसिंग, आर्टिफिशियल न्यूरल नेटवर्क, डॉक्यूमेंट वेरिफिकेशन, इमेज वेलिडिटेसन जैसी तकनीकों व इनमें मशीन लर्निंग, डीप लर्निंग व पॉयथन के उपयोग की जानकारी दी।

कंप्यूटर विज्ञान की एडवांस एप्लीकेशंस नॉलेज

जानकारी में बताया कि वर्तमान में मेडिकल, बायो मेडिकल व सिक्वोरिटी जैसे फील्ड में ये तकनीकें सर्वाधिक उपयोग में ली जाती हैं। अब डीप लर्निंग के जरिए मूविंग ऑब्जेक्ट्स का डिटेक्शन भी किया जा रहा है।

बैनेट यूनिवर्सिटी में कंप्यूटर साइंस डिपार्टमेंट के एचओडी डॉ. दीपक गर्ग, एमएनआईटी, जयपुर के असिस्टेंट प्रोफेसर डॉ. दीपक रंजन नायक, मणिपाल यूनिवर्सिटी के प्रोफेसर डॉ. सुमित श्रीवास्तव, प्रोफेसर डॉ. महेश जागिड़, बैनेट यूनिवर्सिटी के डॉ. तपस बादल ने भी जानकारी दी।

कंप्यूटर विज्ञान की एडवांस एप्लीकेशंस की दी जानकारी

■ पूर्णिमा इंस्टीट्यूट में 'इमेज प्रोसेसिंग एंड इट्स एप्लीकेशन' विषय पर ट्रेनिंग प्रोग्राम

जयपुर (सीमा सन्देश)। पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी की ओर से 'इमेज प्रोसेसिंग एंड इट्स एप्लीकेशन' विषय पर छह दिवसीय ट्रेनिंग प्रोग्राम आयोजित किया जा रहा है। एआईसीटीई द्वारा प्रायोजित इस प्रोग्राम में विभिन्न कॉलेजों व यूनिवर्सिटीज के 100 से अधिक

फैकल्टी मेंबर भाग ले रहे हैं। इन्हें विशेषज्ञों द्वारा कंप्यूटर विज्ञान, इमेज प्रोसेसिंग, आर्टिफिशियल न्यूरल नेटवर्क, डॉक्यूमेंट वेरिफिकेशन, इमेज वेलिडिटेसन जैसी तकनीकों व इनमें मशीन लर्निंग, डीप लर्निंग व पॉयथन के उपयोग की जानकारी दी जा रही है।

विशेषज्ञों ने बताया कि वर्तमान में मेडिकल, बायो मेडिकल व सिक्वोरिटी जैसे क्षेत्रों में ये तकनीकें सर्वाधिक उपयोग में ली जा रही हैं और अब डीप लर्निंग के जरिए मूविंग ऑब्जेक्ट्स का डिटेक्शन भी किया जा रहा है।

4. Detail Report

Department of Computer Engineering, Poornima Institute of Engineering & Technology has conducted Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from September 7th to September 12th, 2020

a. About Institute:

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'

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- Importing the image via image acquisition tools
- Analyzing and manipulating the image
- Output in which result can be altered image or report that is based on image analysis.

d. Topics covered:

1. Introduction to Digital Image Processing Computer Vision
2. Image Processing Operations Using Python
3. Introduction to Pattern Recognition
4. Classification of Images using Machine Learning Algorithms
5. Image Segmentation
6. Image Classification using Artificial Neural Network
7. Document Image Classification using ML
8. Convolutional Neural Network for image classification
9. Image Re construction
10. Medical Image Analysis
11. Moving Object Detection using Deep Learning
12. Deep Generative Adversarial Networks Models

a. Objective of STTP:

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

5. Schedule of Program

Poornima Institute of Engineering & Technology				
Department of Computer Engineering				
Second Short Term Training Programme (STTP) under AQIS on Image Processing and its Application(September 7-12,2020)				
	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM	Coordinator
Monday 7.09.2020	Introduction to Digital Image Processing Computer Vision Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	Dr. Praveen Gupta
Tuesday 8.09.2020	Classification of Images using Support Vector Machine Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	Sentiment Analysis using CNN Dr. Basant Agarwal Assistant Professor,Department of CSE IIIT Kota	Image Segmentation Using K-Means Clustering Algorithm Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	Dr. Praveen Gupta
Wednesday 9.09.2020	Image Classification using Artificial Neural Network Dr. Mahesh Jangid Assistant Professor, Department of CSE,Manipal University	Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University	Introduction & Implementation of Image Classification using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University	Dr. Praveen Gupta
Thursday 10.09.2020	Introduction to Convolutional Neural Network for image classification Dr. Meenakshi Arya, Professor, SRM University	Implementation of Image Classification using CNN Mr. Yogendra Singh, Co-Founder Forsk Lab	Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	Dr. Praveen Gupta
Friday 11.09.2020	Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	Dr. Praveen Gupta
Saturday 12.09.2020	Moving Object Detection using Deep Learning Dr. Santosh Vipparthi Assistant Professor, MNIT	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Dr. Praveen Gupta

5. Q-Sheet of Inaugural Function



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Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

13.Q-Sheet – Inaugural Function

Day & Date: **Monday, 7/09/2020**

Time: **9.30 AM-10.00 AM**

Online Link: <https://meet.google.com/xze-ooyt-zsz>

Time	Activity	Presenter
9.25 AM-9.30 AM	Arrival of Dignitaries, Faculty members and Students Online	
9.30 AM-9.35 AM	Welcoming Guest 1. Dr. Deepak Garg HOD and Professor, Department of CSE, Bennett University 2. Dr. Dinesh Goyal, Principal & Director, PIET 3. Dr. Gautam Singh, Registrar, PIET 4. Mr. Deepak Moud, HOD CE, PIET 5. Dr. Praveen Gupta, Coordinator, STTP	Hosted & Anchored by Ms. Pooja Sharma , Co- Coordinator STTP
9.35 AM-9.40 AM	Welcome Address and About STTP	Mr. Deepka Moud, HOD CSE Department
9.40 AM-9.45 AM	Welcome Address and Progress Report of Poornima Institute of Engineering & Technology	Dr. Dinesh Goyal, Principal & Director, PIET
9.45 AM-9.55 AM	Words of Wisdom by Chief Guest	Dr. Deepak Garg HOD and Professor, Department of CSE, Bennett University
9.55 AM-10.00 AM	Vote of Thanks	Dr. Praveen Gupta, Professor, CSE Department, PIET

5.1 Inaugural Session

Monday, 7/09/2020

Time: 9:30 AM to 10:00 AM

The Inaugural Function for Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur organized on Monday, 7/09/2020 at 9.30 AM-10.00 AM.

Ms. Pooja Sharma, Co-Coordinator STTP welcomed all the Dignitaries & Faculty members.

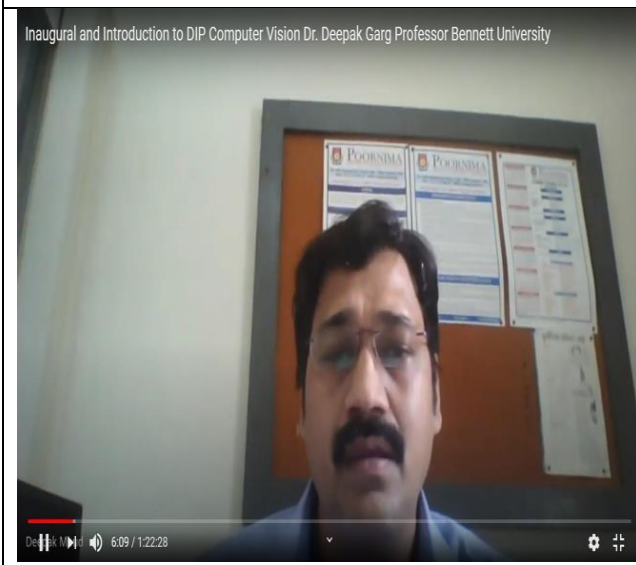
Mr. Deepak Moud, HOD, Dept. of Computer Engineering conveyed welcome note to all Dignitaries and Participants.

Dr. Dinesh Goyal, Director, PIET welcomed all the participants & shared the success stories of institution in terms of NAAC & NBA accreditation programme.

Dr. Deepak Garg, Chief Guest HOD Professor, Department of CSE, Bennett University explained the importance of image processing & use of innovative practices in the field of computer engineering. He has introduced latest applications & practices in the area of AI, Image processing & deep learning.

Dr. Praveen Gupta, Professor, CSE Department, PIET has conveyed thanks note to AICTE-AQIS , management of Poornima Institute of Engineering & Technology, Department Organizing Team, HOD, Dy. HOD Dept. of CSE, PIET , all dignitaries , invited speakers & participants.

5.2 Snapshots



6. Technical Session Detail:

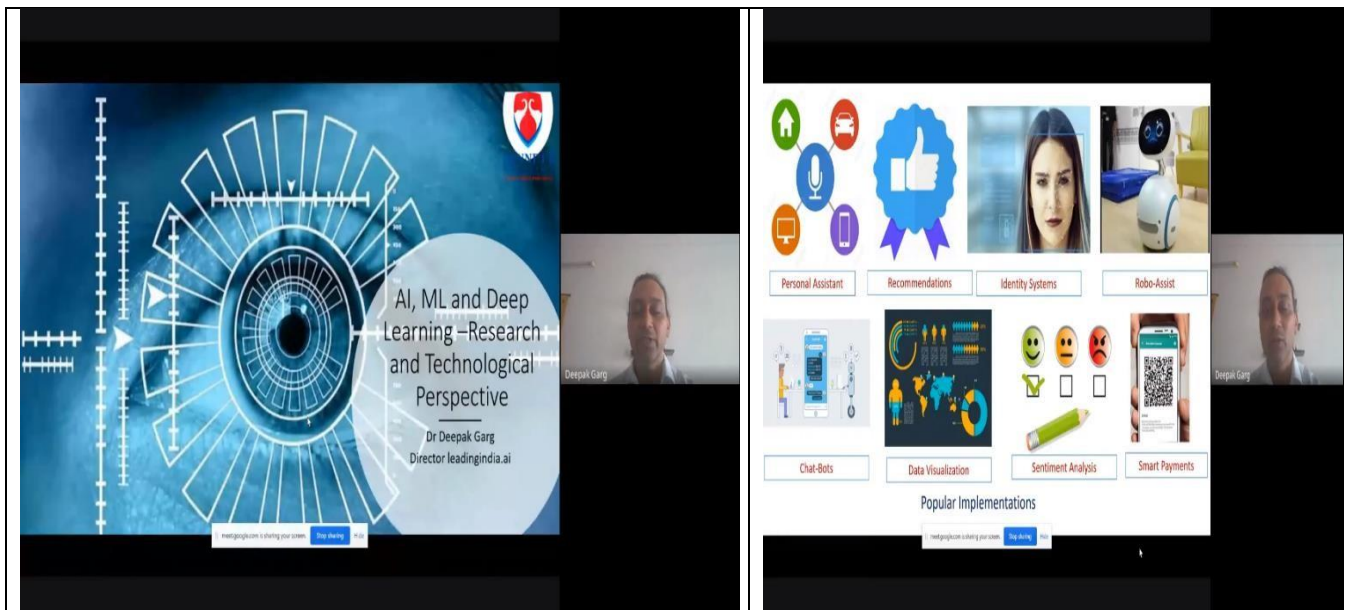
Session 1: Day: Monday 7.09.2020

Time: 10:00 AM to 11:30 AM

Topic-Introduction to Digital Image Processing Computer Vision

Resource Person-Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University

Snapshot:



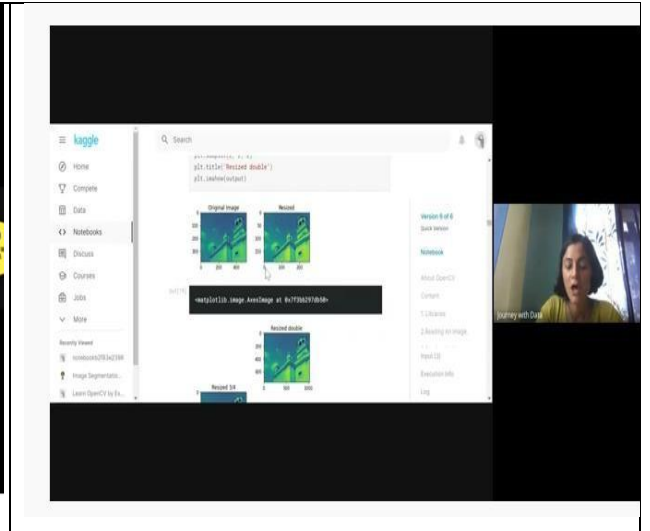
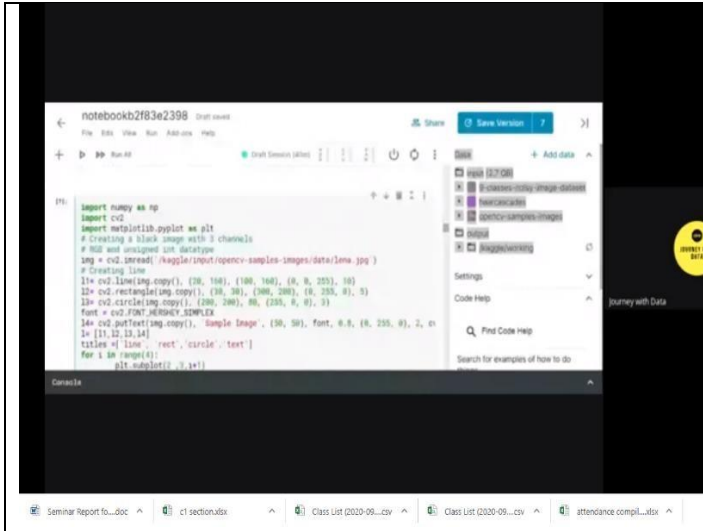
Session 2: Day: Monday 7.09.2020

Time: 11:45 AM to 01:15 PM

Topic-Image Processing Operations Using Python

Resource Person -Ms. Shubhra Dalakoti Process Manager, American Express

Snapshot:



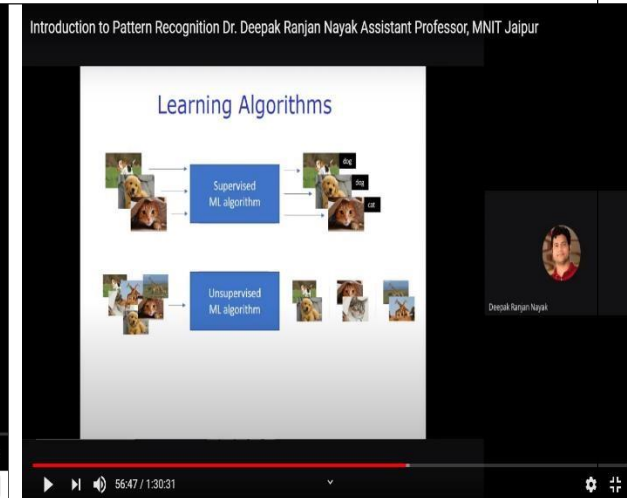
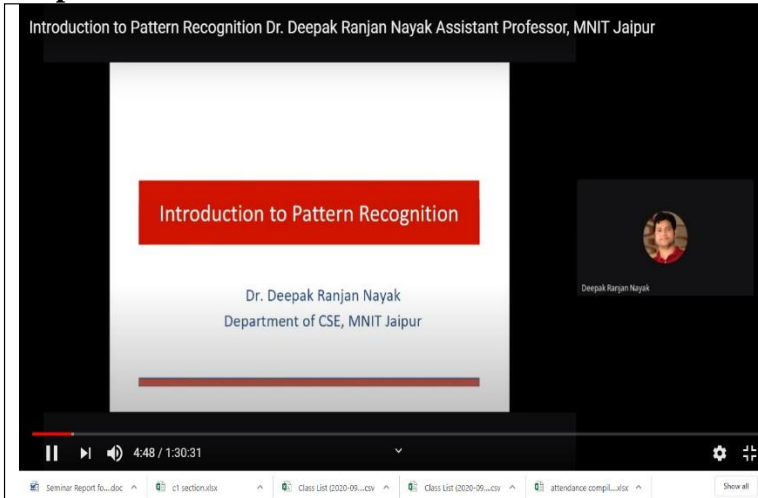
Session 3: Monday 7.09.2020

Time: 02:00 PM to 03:30 PM

Topic-Introduction to Pattern Recognition

Resource Person-Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur

Snapshot:



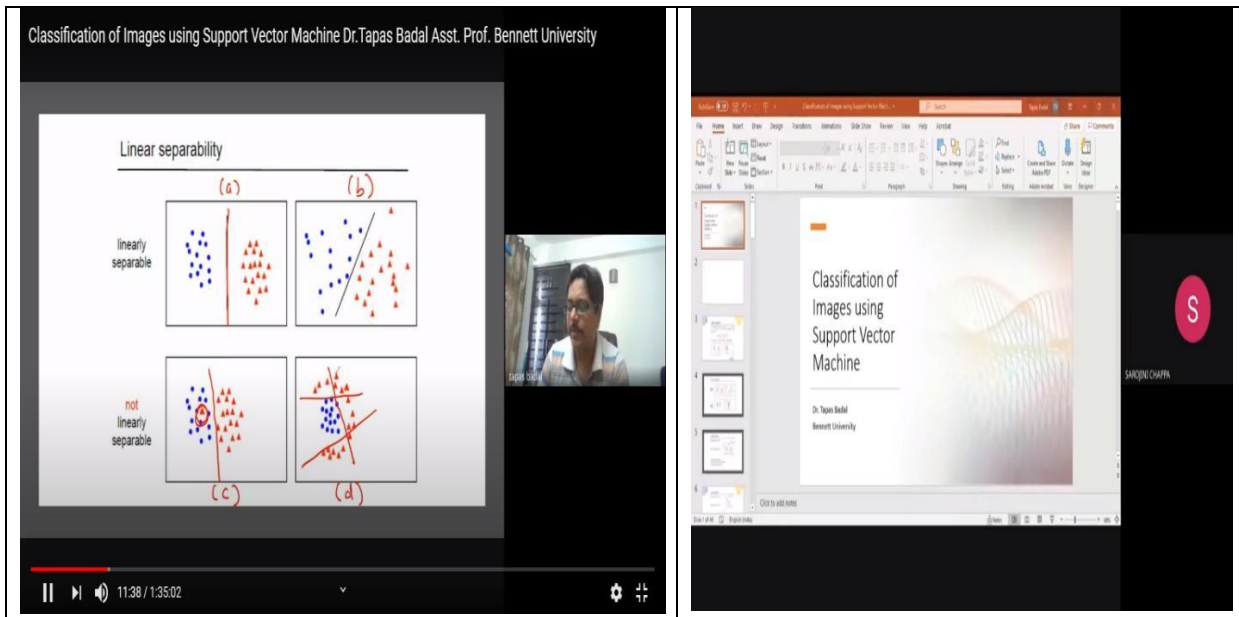
Session 4: Day: Tuesday 8.09.2020

Time: 10:00 AM to 11:30 AM

Topic-Classification of Images using Support Vector Machine

Resource Person-Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University

Snapshot:



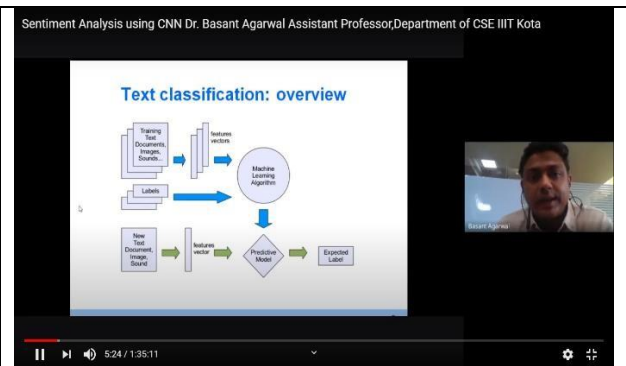
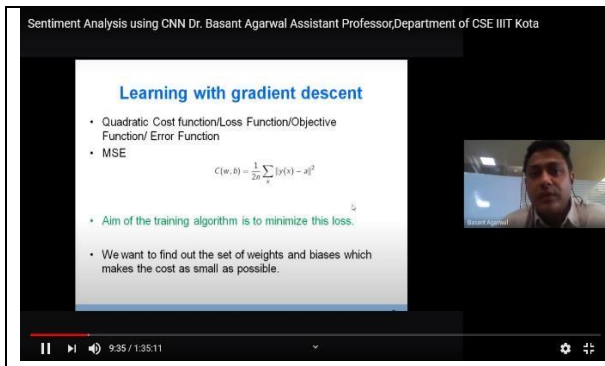
Session 5: Day: Tuesday 8.09.2020

Time: 11:45 AM to 01:15 PM

Topic-Sentiment Analysis using CNN

Resource Person-Dr. Basant Agarwal Assistant Professor, Department of CSE IIIT Kota

Snapshot:



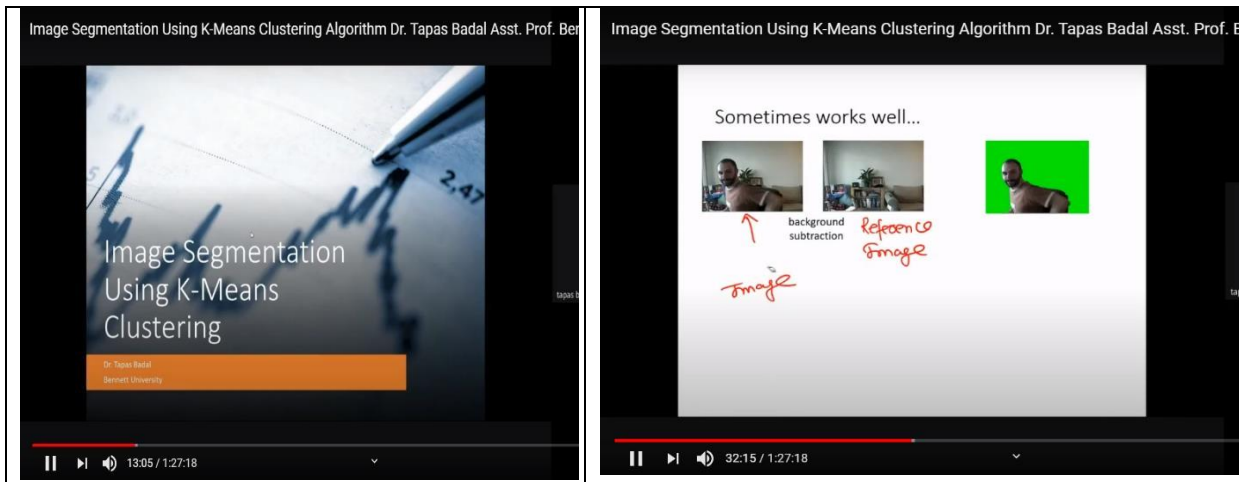
Session 6: Day: Tuesday 8.09.2020

Time: 02:00 PM to 03:30 PM

Topic: Image Segmentation Using K-Means Clustering Algorithm

Resource Person -Dr. Tapas Badal Assistant Professor, Department of CSE, Bennett University

Snapshot:



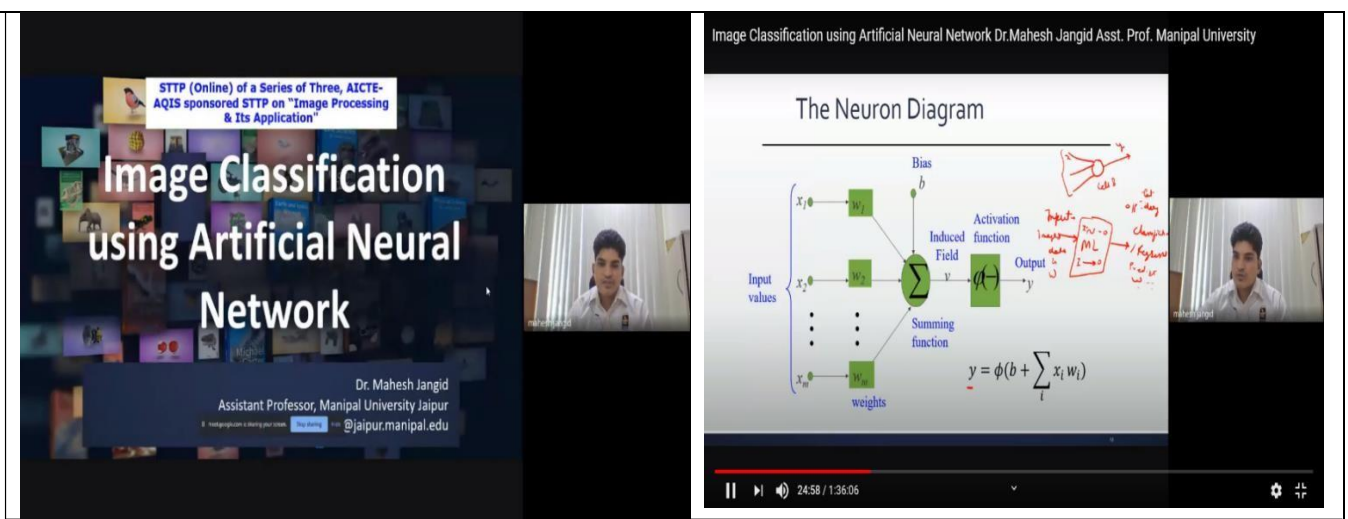
Session 7: Day: Wednesday, 9.09.2020

Time: 10:00 AM to 11:30 AM

Topic: Image Classification using Artificial Neural Network

Resource Person -Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University

Snapshot:

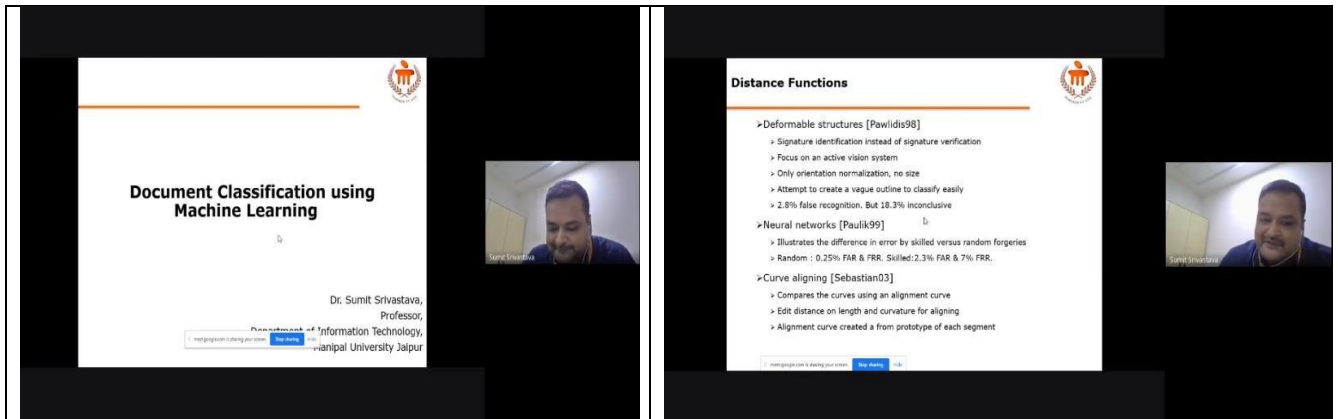


Session 8: Day: Wednesday, 9.09.2020

Time: 11:45 AM to 01:15 PM

Topic: Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University

Snapshot:

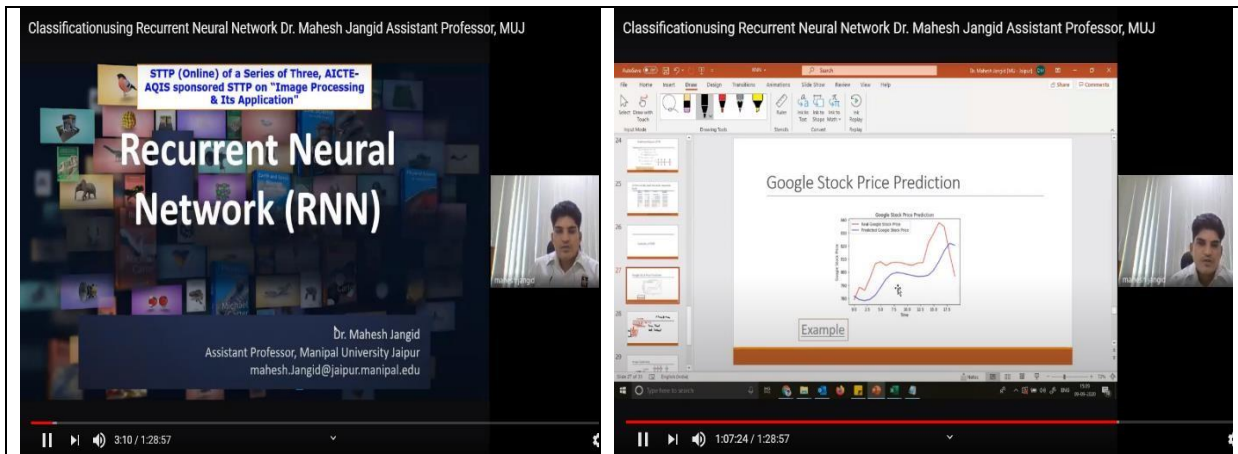


Session 9: Day: Wednesday, 9.09.2020

Time: 02:00 PM to 03:30 PM

Topic: Introduction & Implementation of Image Classification using Recurrent Neural Network
Resource Person Dr. Mahesh Jangid, Assistant Professor, Manipal University

Snapshot:



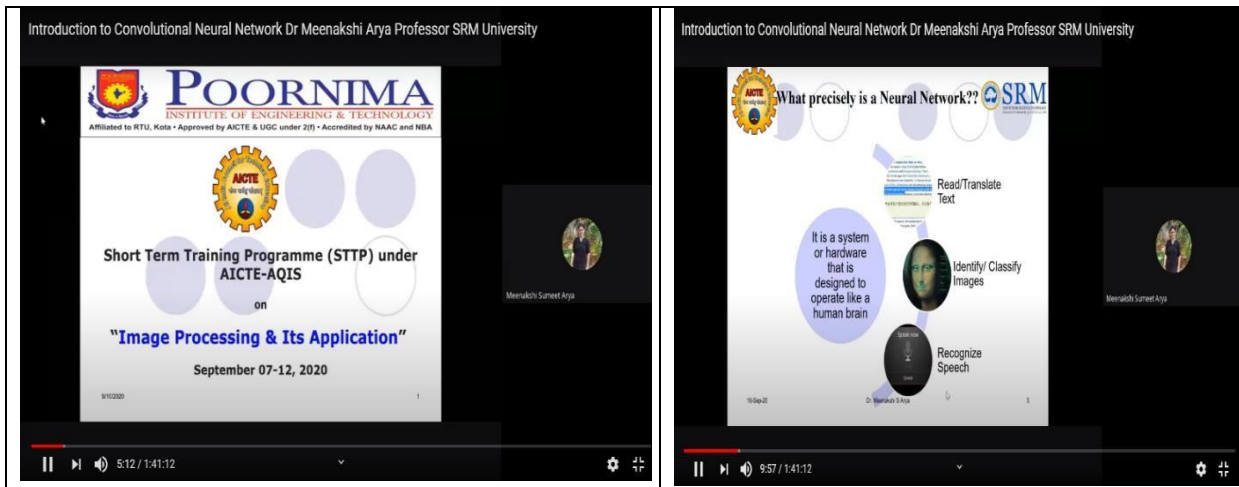
Session 10: Day: Thursday, September 10, 2020

Time: 10:00 AM to 11:30 AM

Topic: Introduction to Convolutional Neural Network for image classification

Resource Person -Dr. Meenakshi Arya, Professor, SRM University

Snapshot:



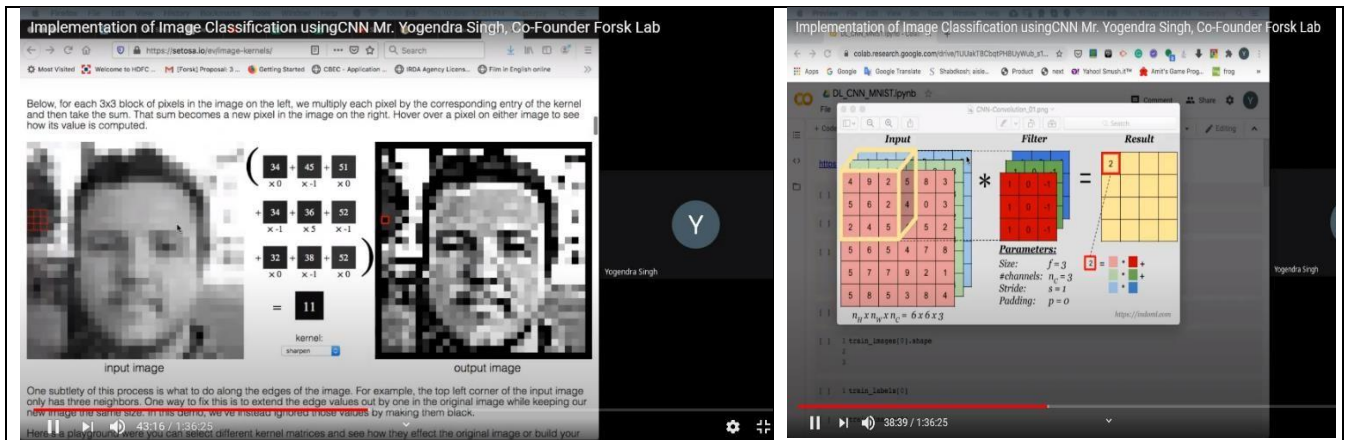
Session 11: Day: Thursday, September 10, 2020

Time: 11:45 AM to 01:15 PM

Topic: Implementation of Image Classification using CNN,

Resource Person -Mr. Yogendra Singh, Co-Founder, Forsk Lab

Snapshot:



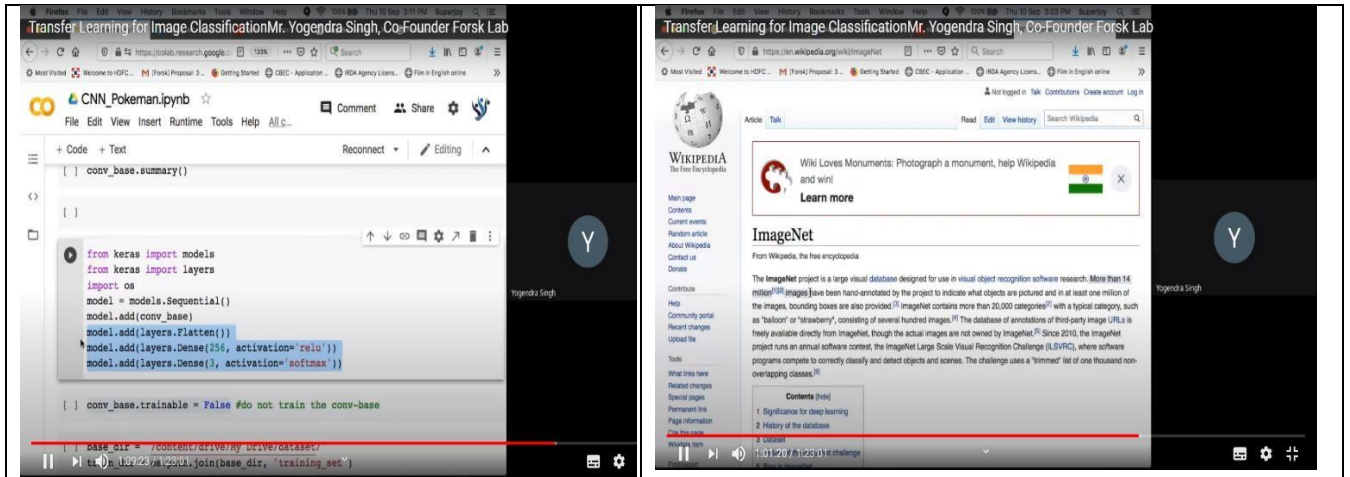
Session 12: Day: Thursday, September 10, 2020

Time: 02:00 PM to 03:30 PM

Topic: Transfer Learning for Image Classification

Resource Person -Mr. Yogendra Singh, Co-Founder Forsk Lab

Snapshot:



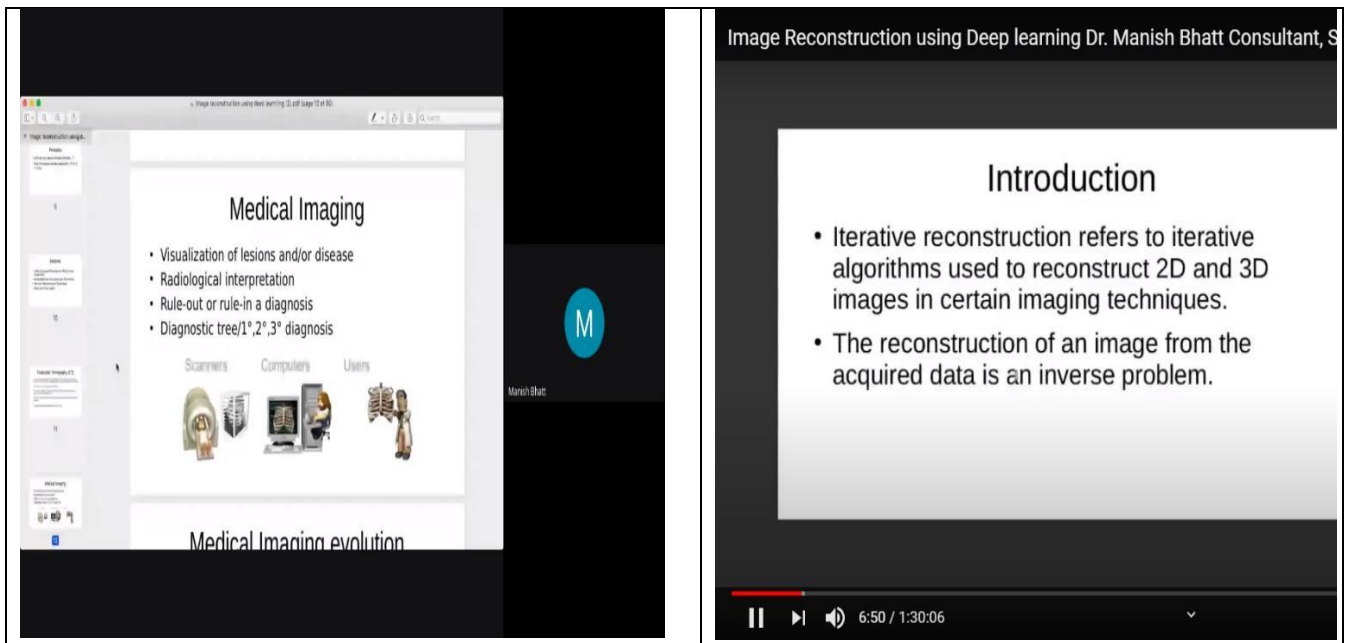
Session 13: Day: Friday, September 11, 2020

Time: 10:00 AM to 11:30 AM

Topic: Image Reconstruction using Deep learning

Resource Person Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science, Bangalore

Snapshot:

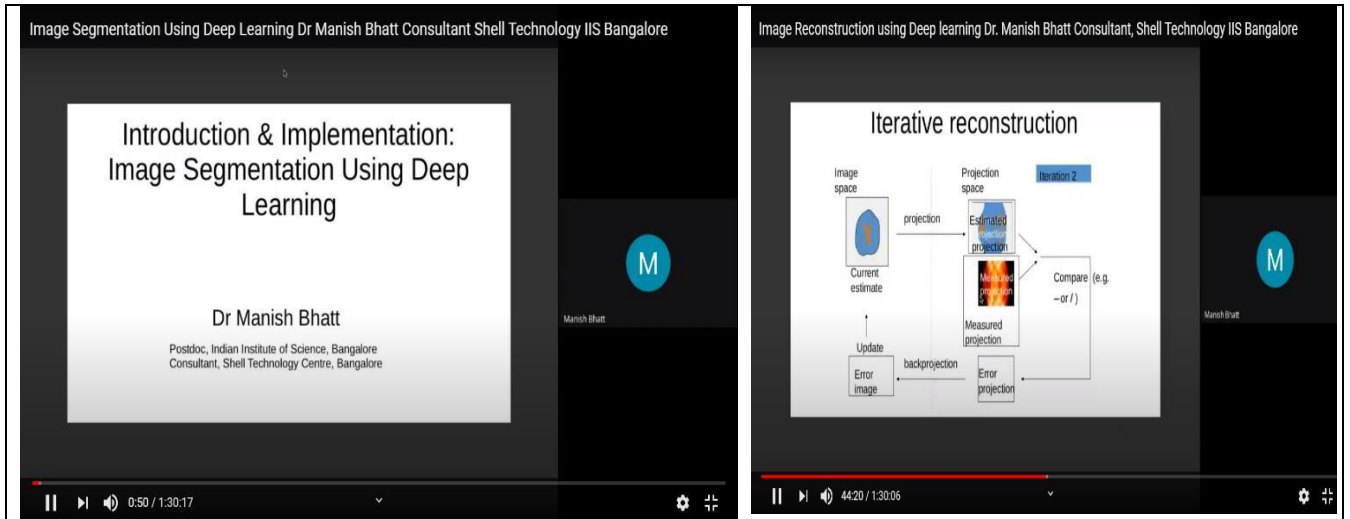


Session `14 Day: Friday, September 11, 2020

Time: 11:45 AM to 01:15 PM

Topic: Implementation of Image Segmentation Using Deep Learning

Resource Person Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore
Snapshot:



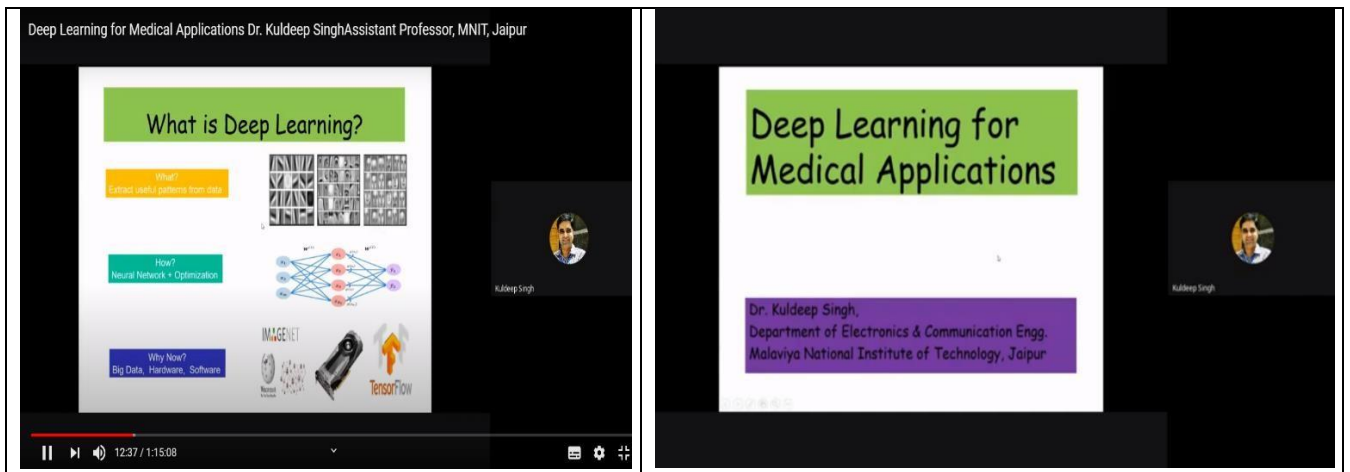
Session 15: Day: Friday, September 11, 2020

Time: 02:00 PM to 03:30 PM

Topic Deep Learning for Medical Applications

Resource Person Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur

Snapshot:



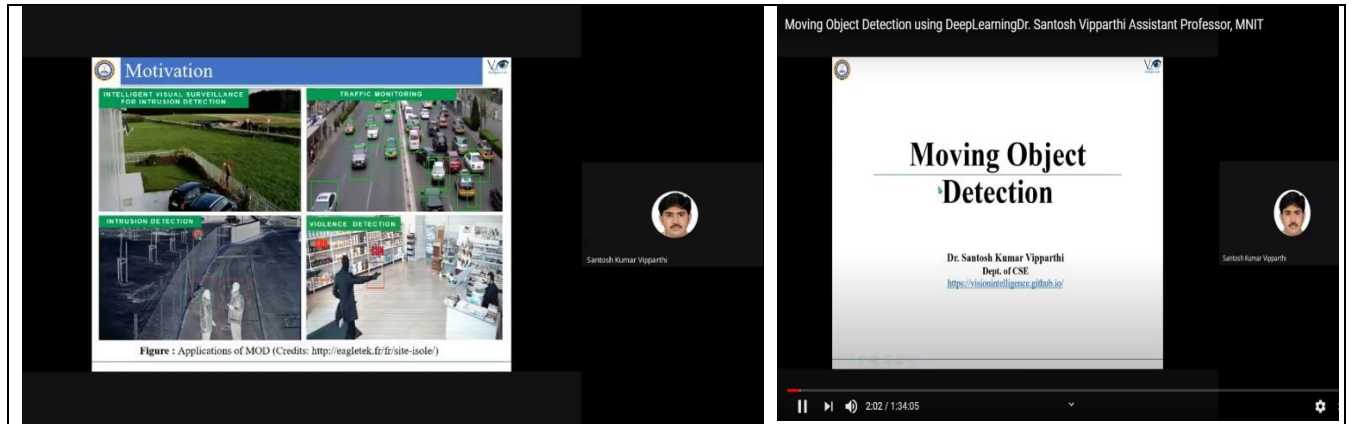
Session 16: Day: Saturday, September 12, 2020

Time: 10:00 AM to 11:30 AM

Topic: Moving Object Detection using Deep Learning

Resource Person -Dr. Santosh Vipparthi Assistant Professor, MNIT, Jaipur

Snapshot:



Session 17: Day: Saturday, September 12, 2020

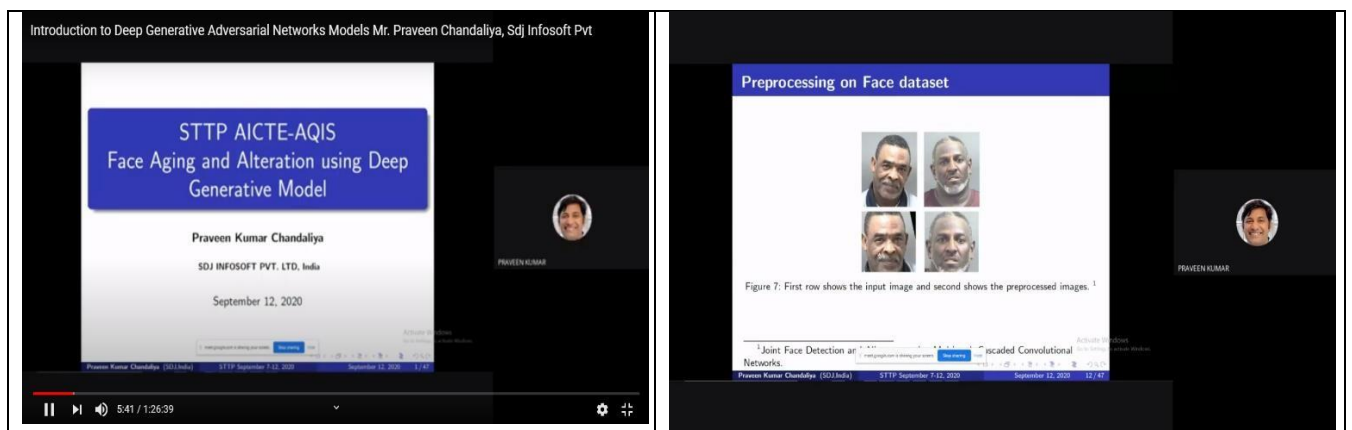
Time: 11:45 AM to 01:15 PM

Topic: Introduction to Deep Generative Adversarial Networks Models

Resource Person Mr. Praveen Chandaliya,

Sdj Infosoft Pvt Ltd

Snapshot:



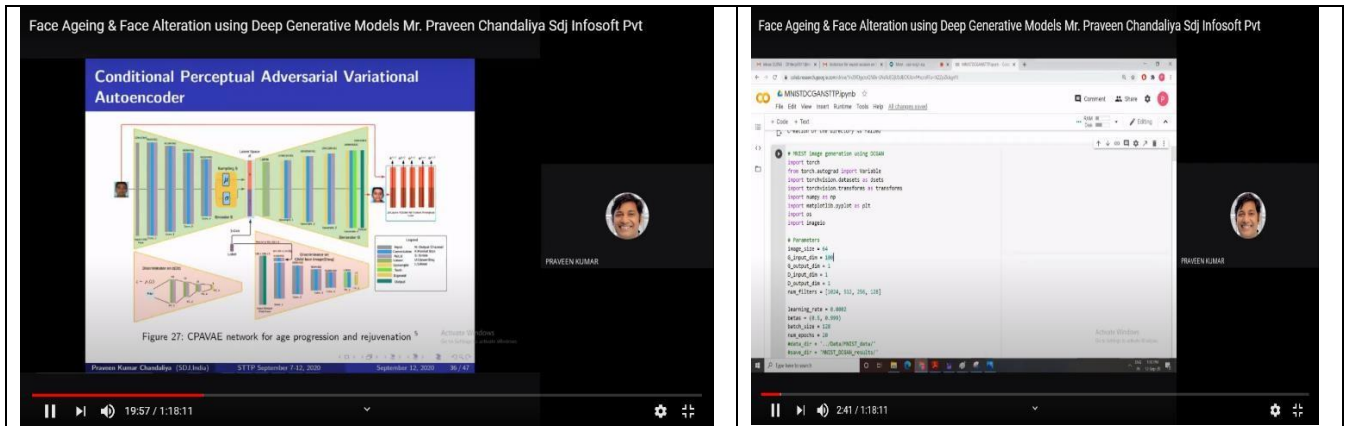
Session 18: Day: Saturday, September 12, 2020

Time: 02:00 PM to 03:30 PM

Topic: Implementation of Face Ageing & Face Alteration using Deep Generative Models (Autoencoders)

Resource Person Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd

Snapshot:



6. Video links:

5.1 Poornima Group You Tube TV

Sr. No.	Resource Person	Link
1.	Introduction to Digital Image Processing Computer Vision Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	https://youtu.be/fmhkpZB8JXo
2.	Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/xqFdDOr91vI
3.	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/MvbPIKWx1dk
4.	Classification of Images using Support Vector Machine	https://youtu.be/tnf0AwwYYHO

	Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	
5.	Sentiment Analysis using CNN Dr. Basant Agarwal Assistant Professor, Department of CSE IIT Kota	https://youtu.be/u2GInh-zNbw
6.	Image Segmentation Using K-Means Clustering Algorithm Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	https://youtu.be/LUla_XwY9vM
7.	Image Classification using Artificial Neural Network Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	https://youtu.be/86bB_zIUD08
8.	Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University	https://youtu.be/4ZraDF3v7po
9.	Introduction & Implementation of Image Classification using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University	https://youtu.be/1GEI9MapGc
10.	Introduction to Convolutional Neural Network for image classification Dr. Meenakshi Arya, Professor, SRM University	https://youtu.be/OJXV44Ixnw4
11.	Implementation of Image Classification using CNN Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/Oo-vTjVVcFs
12.	Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/-RuZi4hYsNg
13.	Image Reconstruction using Deep learning	https://youtu.be/FsRdqCiLBES

	Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	
14.	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	https://youtu.be/pR3HKtOG91o
15.	Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	https://youtu.be/vhXnyZp9eg8
16.	Moving Object Detection using Deep Learning Dr. Santosh Vipparthi Assistant Professor, MNIT	https://youtu.be/XbT4biS2nI4
17.	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/MdyVzIeJvXk
18.	Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders), Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/us3tSwzu1II

5.2 Department of Computer Engineering Channel

Sr. No.	Resource Person	Link
1.	Introduction to Digital Image Processing Computer Vision Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	https://youtu.be/Mcacbzdvpzs
2.	Image Processing Operations Using Python	https://youtu.be/DgHUXviBUhU

	Ms. Shubhra Dalakoti Process Manager, American Express	
3.	Introduction to Pattern Recognition Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	https://youtu.be/4KZXuxOY5bE
4.	Classification of Images using Support Vector Machine Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	https://youtu.be/k5OPD2LX6EU
5.	Sentiment Analysis using CNN Dr. Basant Agarwal Assistant Professor, Department of CSE IIIT Kota	https://youtu.be/XMqwmWMFu4s
6.	Image Segmentation Using K-Means Clustering Algorithm Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	https://youtu.be/Y_yVzcSqiUw
7.	Image Classification using Artificial Neural Network Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	https://youtu.be/MHz3X04BkL0
8.	Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University	https://youtu.be/JddDW0KpwME
9.	Introduction & Implementation of Image Classification using Recurrent Neural Network Dr. Mahesh Jangid	https://youtu.be/pXIs4BxrCVO

	Assistant Professor, Manipal University	
10.	Introduction to Convolutional Neural Network for image classification Dr. Meenakshi Arya, Professor, SRM University	https://youtu.be/5gDknbMpUx0
11.	Implementation of Image Classification using CNN Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/mUGvHOiMSwE
12.	Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/MbI5hm955eU
13.	Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	https://youtu.be/m-42eCYg1Cc
14.	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	https://youtu.be/Bw7ANLmnTFU
15.	Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	https://youtu.be/LPrAnnZy4Vs
16.	Moving Object Detection using Deep Learning Dr. Santosh Vipparthi Assistant Professor, MNIT	https://youtu.be/pO4s6uJv6m8
17.	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/8XufI5WPdKI
18.	Implementation of Face Ageing & Face Alteration	https://youtu.be/jbedwkCCFWs

	using Deep Generative Models(Autoencoders), Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	
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7. List of participants:

Sr. No.	NAME	Designation	College Name	E-Mail Id
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16	Chittabarni Sarkar	Ph.D Student of NIT ARUNACHAL PRADESH	NIT ARUNACHAL PRADESH	chittabarni.1@gmail.com
17	Deepa J	Research Scholar	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	vasdeepa03@gmail.com
18	Deepak Moud	Assistant Professor	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY	deepakmoud@poornima.org
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20	Dr Sailesh Iyer	Associate Professor	Rai University	drsaileshiyer@gmail.com
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22	Dr arshia Akhtar	Having capacity to work as a Assistant professor	Aligarh Muslim University	arshia.chem@gmail.com
23	Dr Govinda Rajulu G	Professor	St Martin's engineering college	rajulug7@gmail.com
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42	Dr. SYED IBRAHIM K	Assistant Professor	IP SOFTWARE SOLUTION ,COIMBATORE	syedibrahimkaliba@gmail.com
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54	Mahender Kumar Beniwal	Associate Professor	Swami Keshvanand Institute of Technology, Management & Gramothan	mbeniwal@gmail.com
55	MAHESH KUMAR MEHRA	Assistant Professor	University College of Engineering and Technology, Bikaner	mkmeh@rediffmail.com
56	MANI T N	Lecturer	P.A.C.R.POLYTECHNIC COLLEGE, RAJAPALAYAM	tnmani@pacrpoly.org
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58	MANOJ KUMAR	ASSISTANT PROFESSOR	Manav Rachna university, faridabad	manojattri003@gmail.com
59	MANOJ KUMAR	ASSISTANT PROFESSOR	Manav Rachna university, faridabad	manoj@mru.edu.in
60	MANOJ KUMAR DIWAKER	Research Scholar	MANIT BHOPAL	manoj.diwaker2007@gmail.com
61	MANVINDER SHARMA	Assistant Professor	CGC College of Engineering, Landran	manvinder.sharma@gmail.com
62	Mayank Kumar Jain	Assistant Professor	SKIT JAIPUR RAJASTHAN	mayank.jain@skit.ac.in
63	Mr. K. CHANDRA SHEKAR	ASSOCIATE PROFESSOR	GURU NANAK INSTITUTIONS TECHNICAL CAMPUS (Autonomous)	chandhra2k7@gmail.com
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65	Mr. Seshaiiah Merikapudi	Assistant Professor	SJC institute of technology chickballapur	merikapudi@gmail.com
66	Mr. SYED MUNAWWAR	Asst Professor	Santhiram Engineering College	munne786@gmail.com
67	Mr.Devender kumar Dhaked	Assistant Professor	Rajasthan College of Engineering For Women	dd.rcew@gmail.com
68	Mr.DHUPAM ARUN KUMAR	ASSISTANT PROFESSOR	RAGHU INSTITUTE OF TECHNOLOGY(AUTONOMOUS),VISAKHAPATNAM	arunrs9848@gmail.com
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70	MS. REENA SHARMA	ASSISTANT PROFESSOR	POORNIMA COLLEGE OF ENGINEERING	reena.sharma@poornima.org
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83	RAHUL SHARMA	Assistant Professor	Chameli Devi Group of Institutions, Indore	Sharma.rahul5656@gmail.com
84	Ravindra Kumar Singh Rajput	Assistant Professor	G. B. Pant University of Agriculture & Technology, Pantnagar	rajpoot.rs@gmail.com
85	RITA BANIK	ASSISTANT PROFESSOR	THE ICFAI UNIVERSITY TRIPURA	rita.nit@gmail.com
86	Saikumar Tara	Associate Professor	CMR Technical Campus	Tarasaikumar@gmail.com
87	Sameer Saxena	Assistant Professor	Amity University Rajasthan Jaipur	sameer.saxena4@gmail.com
88	SANDEEP TULI	ASSISTANT PROFESSOR	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY	sandeeptuli@poornima.org
89	Santosh Kumar Singh	Assistant Professor	Trinity Institute of Professional Studies, New Delhi-75	santosh.trinity17@gmail.com
90	SHANKAR G	Assistant Professor	VFSTR Deemed to be University	shankarganesan1985@gmail.com
91	Shefali sharma	Assistant professor	Jaipur National University	shefalisharma888@gmail.com

92	SHIVANAND BHIMASHANKAR KONADE	Assistance professor	G V Acharya college shelu Mumbai	shiva_konade@rediffmail. com
93	SIMRAN CHHETIJA	Student	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	2017pietcssimran066@po ornima.org
94	Smita Sunil Kulkarni	Assistant Professor	MIT ACADEMY OF ENGINEERING	sskulkarni@entc.maepune .ac.in
95	Sneha Mishra	Research Scholar	Galgotias University, Greater Noida	snehariet@gmail.com
96	Somya Goyal	Assistant Professor	Manipal University Jaipur	Somyagoyal1988@gmail.c om
97	Sree Vrinda G M	Assistant Professor	St.Martin's Engineering College	sreevrindacse@smec.ac.i n
98	SUMAN CHATTERJEE	Assistant professor	SCM INSTITUTE OF ENGINEERING and Technology	sumanc.2006@gmail.com
99	SUMIT KUSHWAHA	Assistant Professor	KAMLA NEHRU INSTITUTE OF TECHNOLOGY (KNIT) SULTANPUR	sumit.kushwaha1@gmail.c om
100	SUNIL KUMAR AGARWAL	Assistant professor	Poornima College of engineering	sunil.agarwal@gmail.com
101	Sushila Vishnoi	Associate Professor	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur	bishnoisush@gmail.com
102	T MUKTHAR AHAMED	ACADEMIC CONSULTANT	Y. S. R ENGINEERING COLLEGE OF YOGI VEMANA UNIVERSITY	tmukthar@gmail.com
103	Tarun Mishra	Assistant Professor	Poornima College of Engineering	Tarunmishra@poornima.or g
104	UMESH GUPTA	Research scholar	NIT Arunachal-pradesh	Er.umeshgupta@gmail.co m
105	Vijay Deep Gupta	Technical Assistant	Poornima College Of Engineering	vijaydeep.gupta@poornim a.org
106	Vijay Kumar Sharma	Assistant Professor	Shri Mata Vaishno Devi University, Katra (J&K)	vijay.sharma@smvdu.ac.in
107	Vijayakumari G	Assistant Professor	H.K.E.Society's S.L.N.College of Engineering	vijayakumari043@gmail.co m
108	VINYA VIJAYAN	Research Scholar	COLLEGE OF ENGINEERING TRIVANDRUM	vinya.vijayan@cet.ac.in
109	Vishal Kumar Sagtani	Assistant Professor, Computer Science	M.L.B. Government College, Nokha (Bikaner)	Vishalsagtani@gmail.com
110	WARISH D. PATEL	Associate Professor	PIET, Parul University	warishpatel.phd@gmail.co m

8. Result:

Sr.No.	Name	Institute Name	Email address	Score
1.	AMAR RANJAN DASH	PARALA MAHARAJA ENGINEERING COLLEGE	researchamardash@gmail.com	30 / 40
2.	Ankita Jain	IIIT Ranchi	ankitajain1691@gmail.com	34 / 40
3.	Ankur Biswas	Tripura Institute of Technology	abiswas.tit@gmail.com	28 / 40
4.	Ayush Goyal	Poornima Institute of Engineering & Technology, Jaipur	ayush.goyal@poornima.org	18 / 40
5.	Baby Syla L	College of Engineering, Trivandrum	syla@cet.ac.in	38 / 40
6.	BAISHNOBI DASH	Vignan Institute of Technology and Management	baishnobi123@gmail.com	30 / 40
7.	Chandrasekhar kosuri	Government Polytechnic Anakapalle	meetsekhar9@gmail.com	24 / 40
8.	Chapala Maharana	CV Raman Global University, BBSR	chapalamaharana@gmail.com	30 / 40
9.	CHAPPA SAROJINI	Government Polytechnic, Anakapalli, Visakhapatnam	nandini.ch@gmail.com	27 / 40
10.	Chetna	CGC College of Engineering, Landran	chetna279@gmail.com	17 / 40
11.	Deepa J	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	vasdeepa03@gmail.com	23 / 40
12.	Desiree Juby Vincent	College of Engineering Chengannur	jubyvincent@gmail.com	33 / 40
13.	Dr Arshia Akhtar	Aligarh Muslim University	arshia.chem@gmail.com	14 / 40
14.	Dr GNANESWARA RAO NITTA	DRK College Of Engineering and Technology	gnani.nitta@gmail.com	36 / 40
15.	DR SANDIP D SATAV	JSPM'S JAYAWANTRAO SAWANT COE PUNE 411028	sandy_satav@yahoo.co.in	24 / 40
16.	Dr. Amit Ranjan	Dr. D.Y. Patil Biotechnology and Bioinformatics Institute, Pune	amith.ranjan@dpu.edu.in	24 / 40
17.	Dr. Anila Dhingra	Poornima College of Engineering, Jaipur	anila.dhingra@poornima.org	35 / 40
18.	Dr. Anjali Pant	Government Polytechnic Shaktifarm Uttarakhand	anjalikunnu@rediffmail.com	31 / 40
19.	Dr. Garima Mathur	Poornima College of Engineering, Jaipur	drg.mathur@poornima.org	26 / 40
20.	Dr. Kamaljit Lakhtaria	Gujarat University	kamaljit.ilakhtaria@gmail.com	24 / 40
21.	Dr. Kavitha S	Dayananda Sagar College of Arts, Science and Commerce	kavithas@dayanandasagar.edu	27 / 40

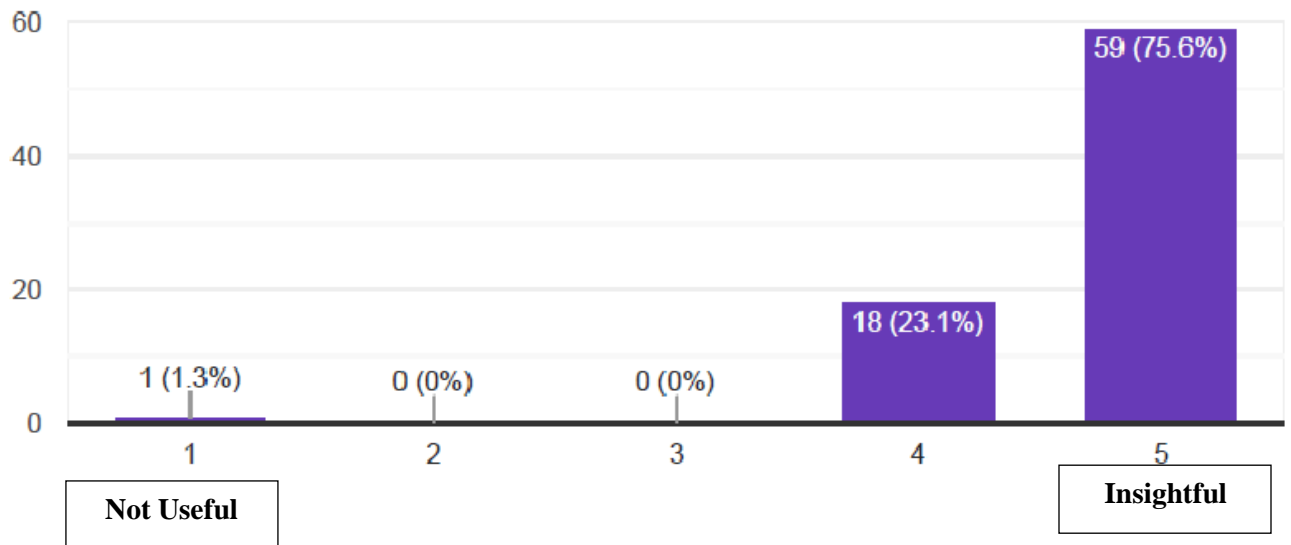
22.	Dr. NIRGISH KUMAR	HBTU Kanpur	nirgish.hbtu@gmail.com	18 / 40
23.	Dr. Sailesh Iyer	Rai University	drsaileshiyer@gmail.com	29 / 40
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25.	Dr. Sonam Mittal	B K Birla Institute of Engineering and Technology	sonam.mittal2405@gmail.com	16 / 40
26.	Dr. SYED IBRAHIM K	IP SOFTWARE SOLUTION, COIMBATORE	syedibrahimkaliba@gmail.com	24 / 40
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30.	Gaurav Sahu	B K Birla Institute of Engineering & Technology, Pilani	gauravsahu.87@gmail.com	11 / 40
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40.	Mr.DEVENDER KUMAR DHAKED	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN	dd.rcew@gmail.com	33 / 40
41.	Mr.DHUPAM ARUN KUMAR	RAGHU INSTITUTE OF TECHNOLOGY(AUTONOMOUS), VISAKHAPATNAM	arunrs9848@gmail.com	23 / 40
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44.	Parashjyoti Borah	Sikkim Manipal Institute of Technology	parashjyoti@hotmail.com	21 / 40

45.	Prabhu Chakkaravarthy A	St.Josephs College of Engineering	sjce.prabhuca@gmail.com	21 / 40
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50.	Rita Banik	The ICFAI University Tripura	rita.nit@gmail.com	27 / 40
51.	SAIKUMAR TARA	CMR Technical Campus	tarasaikumar@gmail.com	31 / 40
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55.	seshaiah m	SJCIT	merikapudi@gmail.com	18 / 40
56.	SHANKAR G	VFSTR DEEMED TO BE UNIVERSITY	shankarganesan1985@gmail.com	29 / 40
57.	Shefali sharma	Jaipur National University	shfalisharma888@gmail.com	18 / 40
58.	SHIVANAND BHIMASHANKAR KONADE	G V Acharya college shelu Mumbai	shiva_konade@rediffmail.com	15 / 40
59.	Sneha Mishra	Galgotias University, Greater Noida	snehariet@gmail.com	25 / 40
60.	Sreekala kk	IIT Kottayam	sreekalaphd2019@iitkottayam.ac.in	33 / 40
61.	SUMAN CHATTERJEE	SCM INSTITUTE OF ENGINEERING and Technology	sumanc.2006@gmail.com	24 / 40
62.	Sureshkumar C	KGISL Institute of Technology	cskinit@gmail.com	22 / 40
63.	T MUKTHAR AHAMED	Y.S.R ENGINEERING COLLEGE OF YOGI VEMANA UNIVERSITY	tmukthar@gmail.com	14 / 40
64.	Tarun Mishra	POORNIMA COLLEGE OF ENGINNERING	tarunmishra@poornima.org	31 / 40
65.	Usha	AVVM	dhanshya@gmail.com	15 / 40
66.	Vijay Kumar Sharma	Shri Mata Vaishno Devi University, Katra (J&K)	vijay.sharma@smvdu.ac.in	28 / 40
67.	Vinya Vijayan	College of Engineering Trivandrum	vinya.vijayan@cet.ac.in	23 / 40
68.	Vishal Kumar Sagtani	M.L.B. Government College, Nokha (Bikaner)	vishalsagtani@gmail.com	20 / 40

9. Feedback:

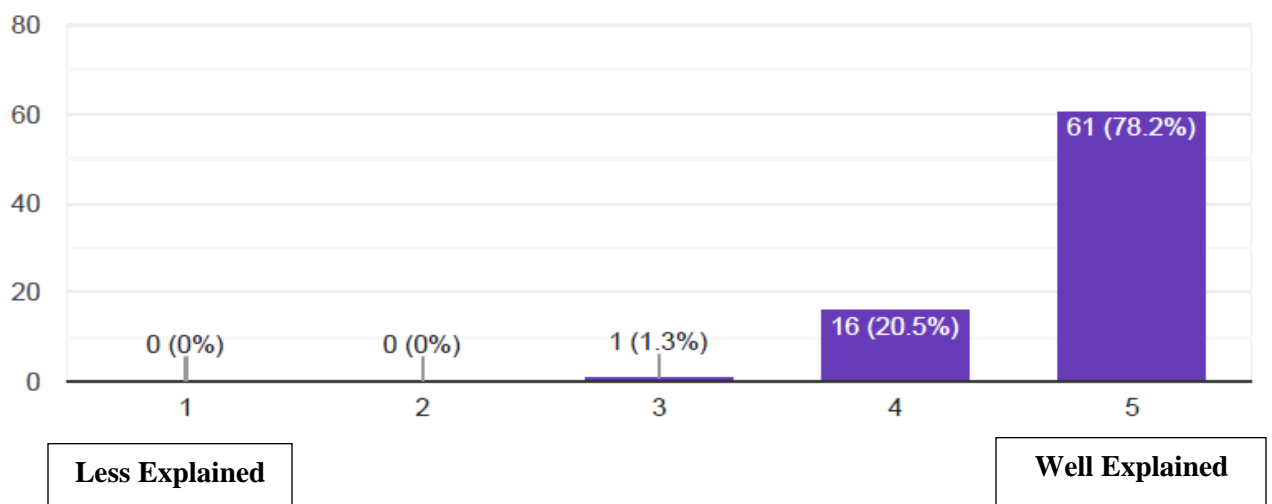
The STTP broadened my understanding of concepts and principles in the field of Big data, Machine Learning and Deep learning

78 responses



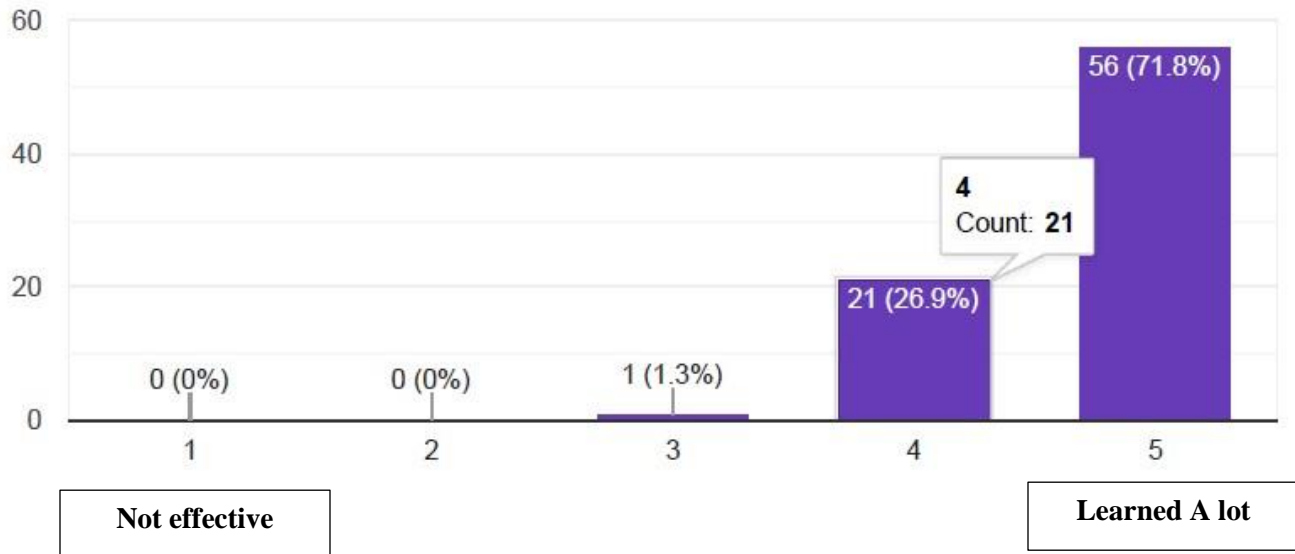
The instructors explained the material well.

78 responses



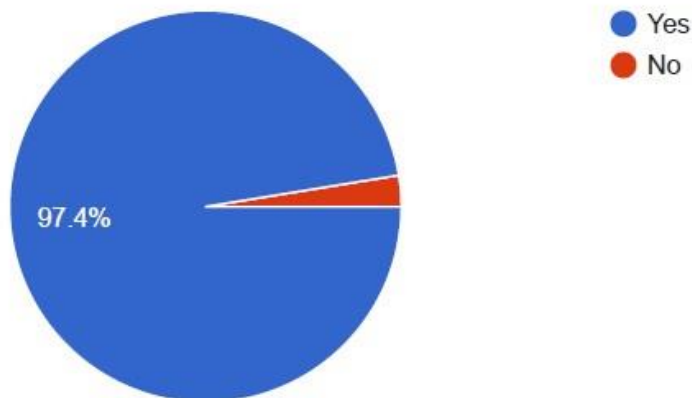
The Practical sessions increased my understanding in image processing machine learning and deep learning.

78 responses



The balance between lectures and hands-on sessions was optimal.

78 responses



Overall feedback of STTP

78 responses

Excellent

Good

Very Good

Excellent

excellent

GREAT INTERACTIVE SESSIONS

-

It was very informative

Very good

10. Annexure:

a. STTP Certificate Speakers Certificate

AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application

September 7-12, 2020



Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

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AICTE Quality Improvement Scheme (AQIS)

Appreciation Certificate

This certificate is awarded to Dr. Sumit Srivastava from Manipal University, Jaipur for sharing his valuable knowledge as a Speaker in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, held from September 7, 2020 to September 12, 2020.

(Dr. Praveen Kumar Gupta)
Coordinator

(Dr. Dinesh Goyal)
Principal & Director, PIET

ISI-2, RIICO Institutional Area, Sitapura, Jaipur • E-mail : info@poornima.org • www.piet.poornima.org

Participant Certificate

AICTE Sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application

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AICTE Quality Improvement Scheme (AQIS)

Certificate

This is to certify that **Chapala Maharana**

From **CV Raman Global University** has participated

in the AICTE sponsored One Week Short Term Training Programme (STTP) on **Image Processing and its Application** organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, held from September 7, 2020 to September 12, 2020.

(Dr. Praveen Kumar Gupta)
Coordinator

(Dr. Dinesh Goyal)
Principal & Director, PIET

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POORNIMA FOUNDATION

INTER OFFICE MEMO

College:- PIET

Dept.:- COMPUTER ENGINEERING

From:-MR. DEEPAK MOUD

To:- ACCOUNTS DEPARTMENT

Date:-28.09.2020

Time

10:00 AM

Reference: AICTE-AQIS STTP On Image Processing & Its Applications - REMUNERATION

C.C.: Dr. Dinesh Goyal

C.C.

Respected Sir,

This is to bring to kind notice that Department of Computer Engineering has organized a **Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application** on from **September 7-12, 2020**. In the same concern following are the details of the Remuneration of Speakers of various sessions conducted in STTP.

NO	NAME	Remark	AMOUNT
1	Dr. MAHESH JANGID	Speaker	8000
2	Dr. TAPAS BADAL	Speaker	8000
3	Dr. DEEPAK RANJAN NAYAK	Speaker	4000
4	Dr. SUMIT SRIVASTAVA	Speaker	4000
5	Dr. BASANT AGARWAL	Speaker	4000
6	Dr. MANISH BHATT	Speaker	8000
7	Mr. YOGENDRA SINGH	Speaker	8000
8	Dr. KULDEEP SINGH	Speaker	4000
9	Dr. MEENAKSHI SUMEET ARYA	Speaker	4000
10	Ms. SHUBHRA DALAKOTI	Speaker	4000
11	Mr. PRAVEEN KUMAR CHANDALIYA	Speaker	8000
12	DR.SANTOSH VIPPARTHI	Speaker	4000
13	Dr. DEEPAK GARG	Speaker	4000
14	Ms. Pooja Sharma (Acting Co-Coordinator) instead of Dr. Praveen Kumar Gupta	Co-Coordinator	5000
15	Mr. Sanjeev Kumar Mittal	Technical Assistant	3000
TOTAL			80000/-

Total (in words) : Eighty Thousand Only

Above amount can be released from the account No 13: (Write full account No.)

Name **POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY**

Account No. **66542011000013**

**Total Amount Received for AICTE-AQIS STTP containing three modules is Rs. 226666/-
The above amount is for the Second Module only. Remaining fund will be used in third Module.**

Detailed Sheet containing all information is also attached herewith for your reference. You are requested to do the needful at the earliest.

Thanks& Regards

Mr. Deepak Moud
HOD CE, PIET

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY JAIPUR**DEPARTMENT OF COMPUTER ENGINEERING****Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application(September 7-12,2020)****HONORARIUM BILL**

S.NO	Name (Capital Letters)	Your Name as per in Bank Account	Account Number	Bank Name	Bank IFSC Code	Branch Address	Bank City Name	PAN CARD NUMBER	Amount
1	DR.MAHESH JANGID	Mahesh Jangid	031501541659	ICICI bank	ICIC0002842	Rama complex, Bagru	Jaipur	AIQPJ3205L	8000
2	DR.TAPAS BADAL	Tapas Badal	50100223190973	HDFC Bank	HDFC0001329	VILLA STATION ROAD, Jaipur	Jaipur	BAKPB8639R	8000
3	DR.DEEPAK RANJAN NAYAK	DEEPAK RANJAN NAYAK	30794064319	SBI	SBIN0012053	GOPALPUR	BALASORE	AKUPN5181H	4000
4	DR.SUMIT SRIVASTAVA	SUMIT SRIVASTAVA	031501505975	ICICI bank	ICIC0000315	ICICI Bank Johri Bazar, Jaipur	Jaipur	BKUPS1102E	4000
5	DR.BASANT AGARWAL	Basant Agarwal	61028849801	SBI	SBIN0031806	Peetal factory Jaipur	Jaipur	AKDPA8640B	4000
6	DR.MANISH BHATT	Manish Bhatt	50100301672410	HDFC Bank	HDFC0000628	NEW BEL RD,BANGALORE	Bangalore	AXWPB0535A	8000
7	MR. YOGENDRA SINGH	YOGENDRA SINGH	00541050139441	HDFC	HDFC0000054	D-54, SIDDI VINAYAK ASHOK MARG, C-SCHEME JAIPUR RAJASTHAN 302001 JAIPUR	JAIPUR	AVJPS3647M	8000
8	DR.KULDEEP SINGH	Kuldeep Singh	676801701100	ICICI Bank	ICIC0006768	Jawahar Lal Nehru Marg, MNIT, Malviya Nagar	Jaipur	BEEPS7382N	4000
9	DR.MEENAKSHI SUMEET ARYA	Meenakshi Arya	026601518577	ICICI Bank	ICIC0000266	Residency Road	Jammu	AJSPA588F	4000

10	MS. SHUBHRA DALAKOTI	Shubhra Dalakoti	188201500260	ICICI BANK	ICIC0001882	ICICI BANK LTD.,SHOP NO 0, / & 8, KIDHI SIDDHI HERITAGE, PLOT NO 56 &57, SECTOR -13, AIKOLI NAVI MUMBAI 400 /08	AIKOLI, NAVI MUMBAI.	BBEPD9972Q	4000
11	MR. PRAVEEN KUMAR CHANDALIYA	PRAVEEN KUMAR CHANDALIYA	676801504423	ICICI Bank	ICIC0006768	Jawahar Lal Nehru Marg, MNIT, Malviya Nagar	Jaipur	AHPPC9453P	8000
12	DR.SANTOSH VIPPARTHI	santosh kumar vipparthi	676801501179	ICICI Bank	ICIC0006768	Jawahar Lal Nehru Marg, MNIT, Malviya Nagar	Jaipur	AGDPV1636J	4000
13	DEEPAK GARG	Deepak Garg	50100166342392	HDFC	HDFC0000003	KG Marg	New Delhi	AAQPG0536R	4000
14	MS. POOJA SHARMA	POOJA SHARMA	50100223542445	HDFC	HDFC0003873	HDFC BANK LTD LTD F128 SITAPURA INDUSTRIAL AREA JAIPUR RAJASTHAN 302022	JAIPUR	BJCPP2932H	5000
15	MR. SANJEEV KUMAR MITTAL	Sanjeev Kumar Mittal	50100307510246	HDFC	HDFC0003873	HDFC BANK LTD LTD F128 SITAPURA INDUSTRIAL AREA JAIPUR RAJASTHAN 302022	JAIPUR	CZOPM2961F	3000
TOTAL									80000
TOTAL IN WORDS: EIGHTY THOUSAND ONLY									

Six Days Short Term Training Programme (STTP)
under AQIS on
**IMAGE PROCESSING AND
ITS APPLICATION**

September 21-26, 2020

Sponsored by



Organized by
**Department of
Computer Engineering**



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ABOUT INSTITUTE

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B. Tech CSE 2020.
- Accredited with NBA for B. Tech Civil in 2019.
- NAAC Accredited institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIT, IMPACT, ZEETRON NETWORKS)

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B. Tech in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too.

Image processing basically includes the following three steps:

- Importing the image via image acquisition tools;
- Analysing and manipulating the image;
- Output in which result can be altered image or report that is based on image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing Computer Vision
- Image Processing Operations Using Python
- Image enhancement, Restoration and Segmentation
- Introduction to Image Morphology and its Implementation
- Image Steganography and Implementation of Steganography
- Video Analysis Implementation
- Image Classification using Artificial Neural Network
- Document Image Classification using ML
- Convolutional Neural Network for image classification
- Image Re construction
- Medical Image Analysis
- Moving Object Detection using Deep Learning
- Deep Generative Adversarial Networks Models

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/AICTE recognized Institutions are only eligible.
- No Registration Fees
- Last Date of Registration: September 19, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/52gkXULwxzKaE5BF8>



PATRON

Dr. Dinesh Goyal
Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR

Dr. Gautam Singh
Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR

Dr. Praveen Gupta
Professor, Computer Engineering, PIET

CO-COORDINATOR

Mr. Deepak Moud
Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Rajesh Kumar
Professor
MNIT, Jaipur

Dr. Sumit Srivastava
Professor
Manipal University

Dr. Meenakshi Arya
Professor
SRM University

Dr. Manish Bhatt
Consultant, Shell Technology
Centre, Postdoc, IISC, Bangalore

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Manipal University

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Co-Founder Forsk Lab

Mr. Praveen Chandaliya
Trainer, SdJ Infosoft Pvt Ltd

Dr. Mehak Khurana

Assistant Professor, The North Cap University, Gurugram, Haryana

RSVP

Dr. Praveen Gupta

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Department of Computer Engineering

Third Short Term Training Programme (STTP) under AQIS on Image Processing and its Application(September 21-26,2020)

	9:30 AM- 10:00 AM	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM
Monday 21.09.2020	Inaugural Session Chief Guest: Dr. Rajesh Kumar, Professor, MNIT, Jaipur	Introduction to Digital Image Processing and Intelligent systems Dr. Rajesh Kumar , Professor, MNIT, Jaipur	Image Steganography and Implementation of Stegnography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur
Tuesday 22.09.2020		Introduction to Image Morphology and its implementation. Dr. Preety Singh,Assistant Professor, LNMIIT Jaipur	Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	Natural Language Processing using RNN Dr. Mahesh Jangid Assistant Professor, Manipal University
Wednesday 23.09.2020		Image Classification using Artificial Neural Network Dr. Vipul Mishra, Professor, Bennett University	Document Image Classification using computer vision Dr. Sumit Srivastava, Professor,Manipal University	Image Captioning using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University
Thursday 24.09.2020		Introduction to Convolutional Neural and hands on for image classification Dr. Meenakshi Arya, Professor, SRM University	Implementation of Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	Image Feature Extraction using CNN Dr. Tapas Badal , Assistant Professor, Department of CSE Bennett University
Friday 25.09.2020		Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre
Saturday 26.09.2020		Moving Object Detection using Deep Learning Dr. Santosh Vipparthi, Assistant Professor, MNIT	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd

Google Meet link: <https://meet.google.com/zz-buef-uuf>

**POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY, JAIPUR
DEPARTMENT OF COMPUTER ENGINEERING**

Six Days Third Short Term Training Programme (STTP) under AICTE-AQIS

On

Image Processing and its Application

Session (2020-2021)



**Submitted By: -
Dr. Praveen Kumar Gupta
Coordinator,
Department of Computer Engineering**

**Submitted To:-
Dr. Dinesh Goyal
Director, PIET**



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

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Report

On

Six Days Second Short Term Training Programme (STTP)
under AICTE-AQIS

On

Image Processing and its Application

21st–26nd September 2020

Organized By-

**DEPARTMENT OF COMPUTER ENGINEERING
POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
ISI-2 RIICO INSTITUTIONAL AREA, SITAPURA
JAIPUR – 302022 RAJASTHAN, INDIA**

CONTENTS

S.NO	TOPIC	PAGE NO
1	STTP Brochure	1
2	Brief Overview	2
3	Detail Report	3
	3.1 About PIET	3
	3.2 About Department	3
	3.3 About STTP	3
	3.4 Topic to be Covered	4
	3.5 Objective of STTP	4
4	Schedule of STTP	5
5	Q-Sheet – Inaugural Function	6
	5.1 Report & Snap Shots	7
	5.2 Snapshots	9
6	Technical Session Details – Session Wise Including Snapshots	9
7	Video Links of Session 7.1 Poornima Group You Tube Link 7.2 Department	18
8	List of Participants	21
9	Result	32
10	Feedback	39
11	Annexure	41
	11.1 STTP Certificates	41

1. STTP Brochure:

**Six Days Short Term Training Programme (STTP)
under AQIS on**

IMAGE PROCESSING AND ITS APPLICATION

September 21-26, 2020

Sponsored by

Organized by
**Department of
Computer Engineering**

Affiliated to RTU, Aode • Approved by AICTE & UGC under 5B • Accredited by NAAC and NBA

ABOUT INSTITUTE

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. With its fruitful journey of 13 years, PIET has set benchmarks and reached at new premises in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'.

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B.Tech CEG 2018.
- Approved with NBA for B.Tech CEG in 2018.
- NAAC Accredited Institute from 2018.
- National funding received from various Government and Private bodies (AICTE, RTU, IIT, ANAFCT, DESTRON NETWORKS).

ABOUT DEPARTMENT

The Department of Computer Engineering is one of the Best and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the best in Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in site list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech degree course with an approved intake of 150 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Salesforce. Department has huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

ABOUT STTP

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing, in which input is an image and output may be image or characteristic feature associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research areas with engineering and computer science disciplines.

Image processing typically includes the following knowledge:

- Importing the image via image acquisition tools.
- Viewing and manipulating the image.
- Output in which result can be stored image or imported to basic/other image analysis.

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of image processing. The STTP aims at imparting participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

TOPICS TO BE COVERED

- Introduction to Digital Image Processing Computer Vision
- Image Processing Operations Using Python
- Image enhancement, Restoration and Segmentation
- Introduction to Image Morphology and its implementation
- Image Geoprocessing and Implementation of Stereography
- Video Analysis Implementation
- Image Classification using Artificial Neural Network
- Document Image Classification using ML
- Convolutional Neural Network for Image Classification
- Image Reconstruction
- Medical Image Analysis
- Moving Object Detection using Deep Learning
- Deep Generative Adversarial Networks Models

INSTRUCTIONS:

- Faculty/Research Scholars from Universities/AICTE recognized Institutions are only eligible.
- No Registration Fee.
- Last Date of Registration: September 18, 2020
- E-Certificates will be provided after successful completion of STTP
- Registration Link: <https://forms.gle/5gAXUlwvKwE5BFB>

PATRON

Dr. Dinesh Goyal
Deputy Director, Poornima Institute of Engineering & Technology

PROGRAM CHAIR

Dr. Gautam Singh
Registrar, Poornima Institute of Engineering & Technology

CO-ORDINATOR

Dr. Praveen Gupta
Professor, Computer Engineering, PIET

CO-COORDINATOR

Mr. Deepak Moud
Assistant Professor, Computer Engineering, PIET

SPEAKERS

Dr. Rajesh Kumar Professor MNIT, Jaipur	Dr. Sumit Srivastava Professor Manipal University
Dr. Meesakshi Arya Professor SRM University	Dr. Manish Shrivastava Consultant, Shell Technology Centre, Paschim, SSC, Bangalore
Dr. Sarvesh Vignarath Assistant Professor MNIT, Jaipur	Dr. Vipul Mishra Assistant Professor, CSE Bennett University
Dr. Kallab Singh Assistant Professor MNIT, Jaipur	Dr. Tejas Sood Assistant Professor, CSE Bennett University
Dr. Mahesh Jangid Assistant Professor, CSE Manipal University	Ms. Shubhra Dasgupta Process Manager American Express
Dr. Pooja Singh Assistant Professor LNMIT Jaipur	Dr. Vivek Kumar Verma Assistant Professor, CSE Manipal University
Mr. Yogendra Singh Co-Founder, Fortis Lab	Mr. Praveen Chandoliya Trainer, Sky Inhouse Pvt Ltd

Dr. Mehak Khanna
Assistant Professor, The North Cap University, Gurugram, Haryana

RSVP

Dr. Praveen Gupta
 ✉ : piet.outreach@poornima.org • 📞 : 7568748510

2. Brief Overview:

Six Days Third Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application		
Date: September 21-26, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Google Colab	
Participants Registered	268	
Resource Persons	SPEAKERS	
	1. Dr. Rajesh Kumar, Professor, MNIT, Jaipur	
	2. Dr. Sumit Srivastava Professor, Manipal University	
	3. Dr. Meenakshi Arya, Professor, SRM University	
	4. Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, IISc Bangalore	
	5. Dr. Santosh Vipparthi Assistant Professor, MNIT	
	6. Dr. Vipul Mishra, Professor Bennett University, Professor, MNIT Jaipur	
	7. Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	
	8. Dr. Preety Singh, Associate Professor, LNMIIT Jaipur	
	9. Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	
	10. Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	
	11. Mr. Yogendra Singh, Co-Founder Forsk Lab	
	12. Mr. Praveen Chandaliya, Trainer, Sdj Infosoft Pvt Ltd	
	13. Ms. Shubhra Dalakoti Process Manager, American Express	
	14. Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	
15. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur		

3. Detail Report

Department of Computer Engineering, Poornima Institute of Engineering & Technology has conducted Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from September 21st to September 22nd, 2020

3.1 About Institute:

Poornima Institute of Engineering & Technology was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 13 years, PIET has set benchmarks and reached at new pinnacles in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based Learning.
- Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.
- Accredited with NBA for B.Tech. CSE 2020.
- Accredited with NBA for B.Tech. Civil in 2019.
- NAAC Accredited institute from 2019.
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

3.2 About Department

The Department of Computer Engineering is one of the finest and most diverse departments in the Poornima Foundation as well as in the Rajasthan Technological University, Kota. We offer the B.Tech. In Computer Engineering since year 2007. I am glad to inform that Department has been accredited by National Board of Accreditation (NBA) and it is now in elite list of departments in India which has got this accreditation. The department of Computer Engineering offers B.Tech. Degree course with an approved intake of 180 students per year. Department makes the student industry ready with all practical experience by introducing new technology Machine learning, Data Science, Sales force. Department has Huge Alumni base of more than 900 Alumni currently working with MNC's and Government Institutions.

3.3 About STTP:

Image processing is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features associated with that image. Nowadays, image processing is among rapidly growing technologies. It forms core research area within engineering and computer science disciplines too. Image processing basically includes the following three steps:

- Importing the image via image acquisition tools
- Analyzing and manipulating the image
- Output in which result can be altered image or report that is based on image analysis.

3.4 Topics to be covered:

1. Introduction to Digital Image Processing and Intelligent systems.
2. Image Steganography and Implementation of Steganography.
3. Image enhancement, Restoration and Segmentation.
4. Introduction to Image Morphology and its implementation.
5. Image Processing Operations Using Python.
6. Natural Language Processing using RNN
7. Image Captioning using Recurrent Neural Network
8. Image Classification using Artificial Neural Network
9. Document Image Classification using ML.
10. Introduction to Convolutional Neural and hands on for image classification
11. Implementation of Transfer Learning for Image Classification.
12. Image Feature Extraction using CNN
13. Convolutional Neural Network for image classification
14. Image Re construction
15. Medical Image Analysis
16. Moving Object Detection using Deep Learning
17. Deep Generative Adversarial Networks Models

3.5 Objective of STTP:

The objective of the STTP is to provide conceptual knowledge and research opportunities in the areas of Image processing. The STTP aims at equipping participants with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

4. Schedule of Program

	9:30 AM-10:00 AM	10:00 AM -11:30 AM	11:45 AM - 01:15 PM	02:00 PM - 03:30 PM
Monday 21.09.2020	Inaugural Session Chief Guest: Dr. Rajesh Kumar Professor, MNIT, Jaipur	Introduction to Digital Image Processing and Intelligent systems Dr. Rajesh Kumar Professor, MNIT, Jaipur	Image Steganography and Implementation of Stegnography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur
Tuesday 22.09.2020		Introduction to Image Morphology and its implementation. Dr. Preety Singh Associate Professor, LNMIIT Jaipur	Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	Natural Language Processing using RNN Dr. Mahesh Jangid Assistant Professor, Manipal University
Wednesday 23.09.2020		Image Classification using Artificial Neural Network Dr. Vipul Mishra Professor Bennett University	Document Image Classification using computer vision Dr. Sumit Srivastava Professor, Manipal University	Image Captioning using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University
Thursday 24.09.2020		Introduction to Convolutional Neural and hands on for image classification Dr. Meenakshi Arya, Professor, SRM University	Implementation of Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	Image Feature Extraction using CNN Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University
Friday 25.09.2020		Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore
Saturday 26.09.2020		Moving Object Detection using Deep Learning Dr. Santosh Vipparthi Assistant Professor, MNIT	Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd

5. Q-Sheet of Inaugural Function



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Third Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from September 21-26, 2020

Q-Sheet – Inaugural Function

Day & Date: **Monday, 21/09/2020**

Time: **9.30 AM-10.00 AM**

Online Link: <https://meet.google.com/zzz-bluef-uuf>

Time	Activity	Presenter
9.25 AM-9.30 AM	Arrival of Dignitaries and Faculty members Online	
9.30 AM-9.35 AM	Welcoming Guest 1. Dr. Rajesh Kumar Professor, MNIT, Jaipur 2. Dr. Dinesh Goyal, Principal & Director, PIET 3. Dr. Gautam Singh, Registrar, PIET 4. Dr. Praveen Gupta, Coordinator, STTP	Hosted & Anchored by Mr. Deepak Moud , Co-Coordinator STTP
9.35 AM-9.45 AM	Welcome Address and Progress Report of Poornima Institute of Engineering & Technology	Dr. Dinesh Goyal, Principal & Director, PIET
9.45 AM-9.55 AM	Words of Wisdom by Chief Guest	Dr. Rajesh Kumar Professor, MNIT, Jaipur
9.55 AM-10.00 AM	Vote of Thanks	Dr. Praveen Gupta, Professor, CSE Department, PIET

5.1 Inaugural Session

Monday, 7/09/2020

Time: 9:30 AM to 10:00 AM

The Inaugural Function for Third Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur organized on Monday, 21/09/2020 at 9.30 AM-10.00 AM.

Ms. Deepak Moud, Co-Coordinator STTP welcomed all the Dignitaries & Faculty members.

Dr. Dinesh Goyal, Director, PIET welcomed all the participants & shared the success stories of institution in terms of NAAC & NBA accreditation programme.

Dr. Rajesh Kumar, Chief Guest HOD Professor, MNIT explained the importance of image processing & use of innovative practices in the field of computer engineering. He has introduced latest applications & practices in the area of AI, Image processing & deep learning.

Dr. Praveen Gupta, Professor, CSE Department, PIET has conveyed thanks note to AICTE-AQIS , management of Poornima Institute of Engineering & Technology, Department Organizing Team, HOD, Dy. HOD Dept. of CSE, PIET , all dignitaries , invited speakers & participants.

5.2 Snapshots



Chief Guest. Dr Rajesh Kumar

Dr. Praveen Gupta, Coordinator



Dr. Dinesh Goyal, Principal

Deepak Moud, Co-coordinator

6. Technical Session Detail:

Session 1: Day: Monday 21.09.2020

Time: 10:00 AM to 11:30 AM

Topic-Introduction to Digital Image Processing and Intelligent systems

Resource Person-Dr. Rajesh Kumar Professor, MNIT, Jaipur

Snapshot:



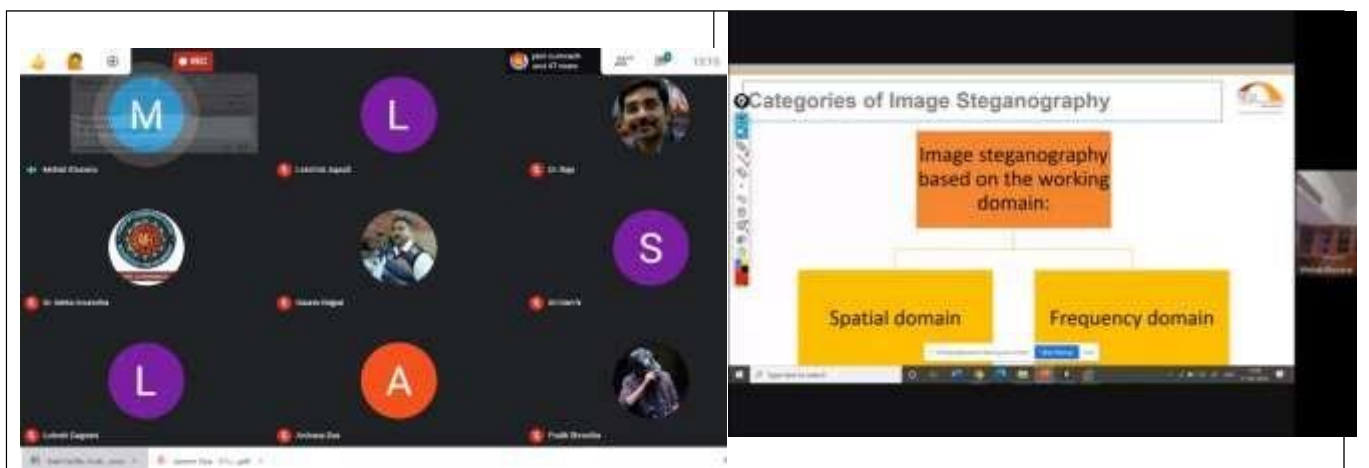
Session 2: Day: Monday 21.09.2020

Time: 11:45 AM to 01:15 PM

Topic-Image Steganography and Implementation of Steganography

Resource Person -Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana

Snapshot:



Session 3: Monday 21.09.2020

Time: 02:00 PM to 03:30 PM

Topic-Image enhancement, Restoration and Segmentation.

Resource Person-Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur

Snapshot:



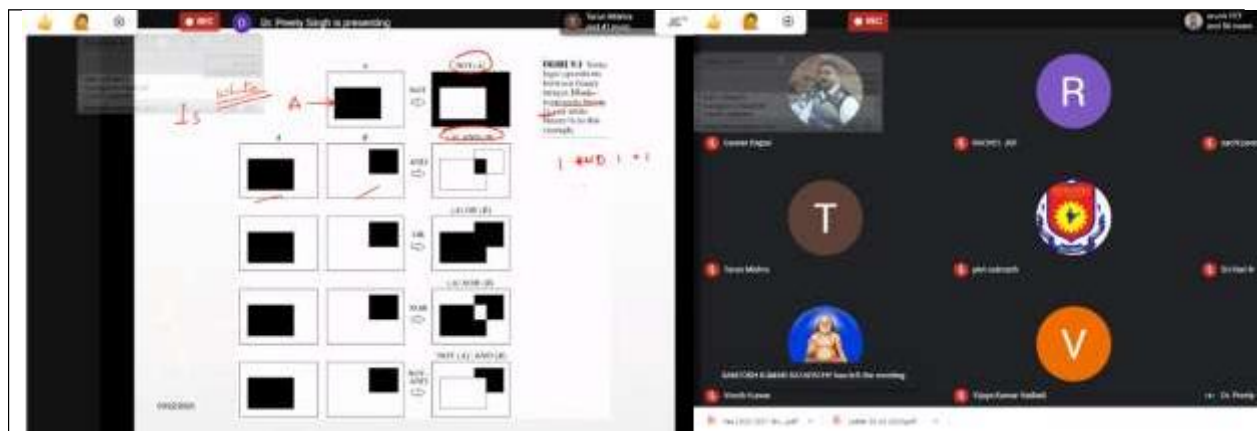
Session 4: Day: Tuesday 22.09.2020

Time: 10:00 AM to 11:30 AM

Topic-Introduction to Image Morphology and its implementation.

Resource Person-Dr. Preety Singh Associate Professor, LNMIIIT Jaipur

Snapshot:



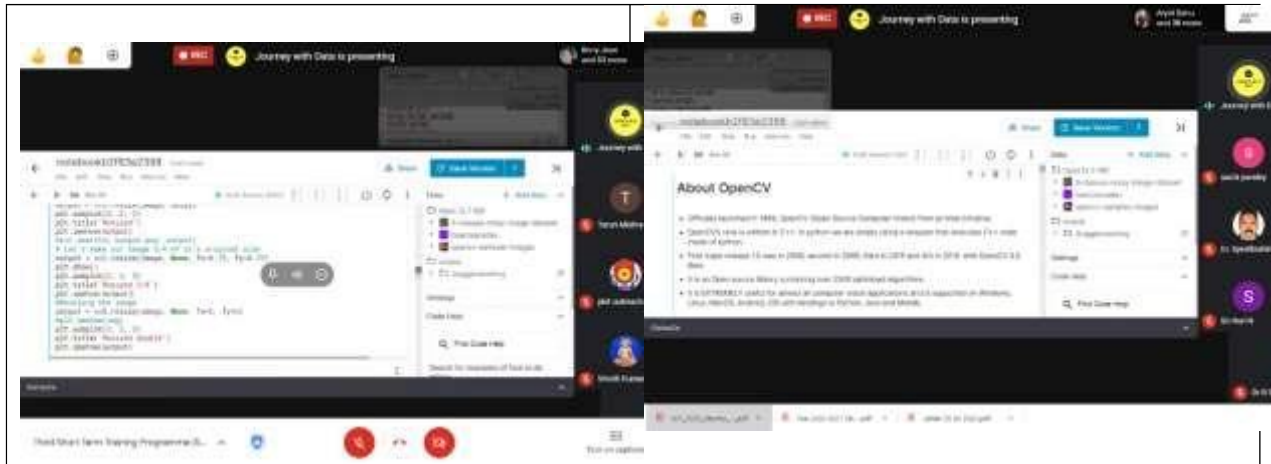
Session 5: Day: Tuesday 22.09.2020

Time: 11:45 AM to 01:15 PM

Topic-Image Processing Operations Using Python

Resource Person-Ms. Shubhra Dalakoti Process Manager, American Express.

Snapshot:



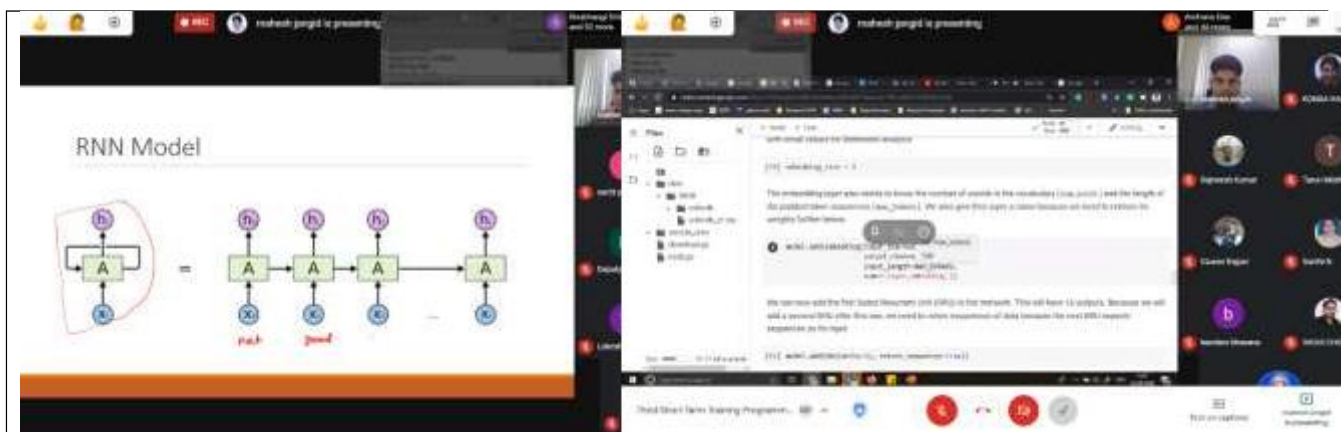
Session 6: Day: Tuesday 22.09.2020

Time: 02:00 PM to 03:30 PM

Topic: Natural Language Processing using RNN

Resource Person -Dr. Mahesh Jangid Assistant Professor, Manipal University

Snapshot:



Session 7: Day: Wednesday, 23.09.2020

Time: 10:00 AM to 11:30 AM

Topic: Image Classification using Artificial Neural Network

Resource Person -Dr. Vipul Mishra Professor Bennett University

Snapshot:



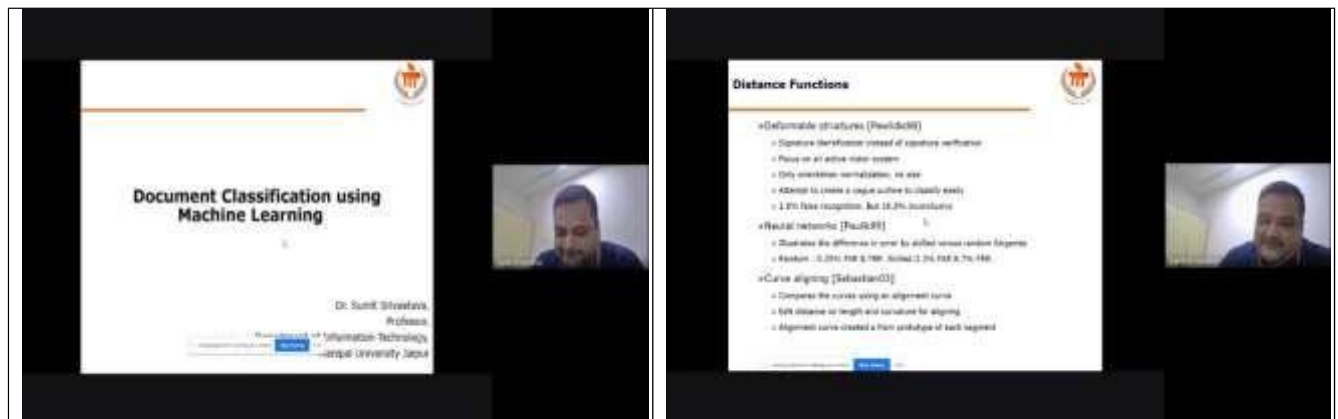
Session 8: Day: Wednesday, 23.09.2020

Time: 11:45 AM to 01:15 PM

Topic: Document Image Classification using computer vision

Resource person:Dr. Sumit Srivastava Professor, Manipal University

Snapshot:



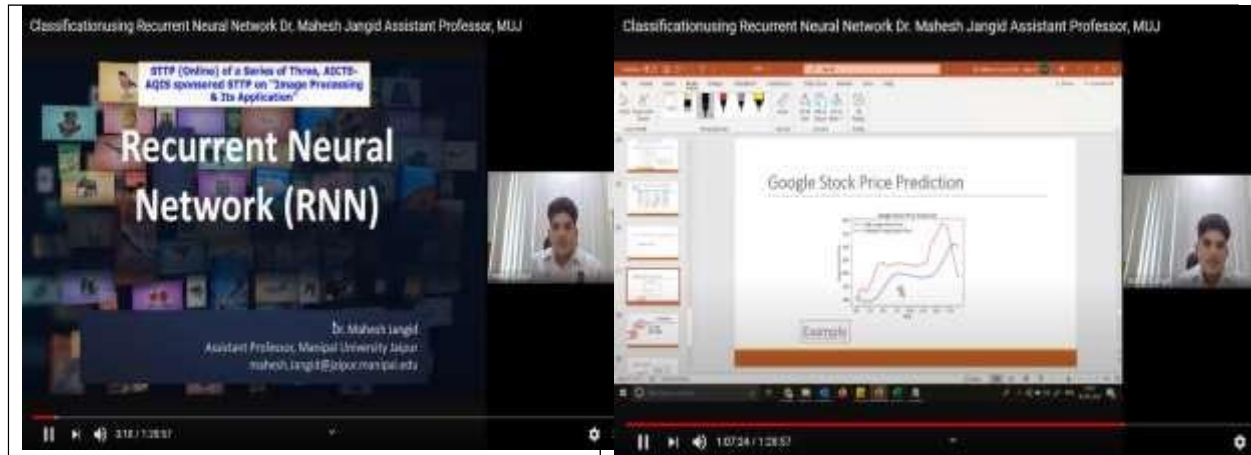
Session 9: Day: Wednesday, 23.09.2020

Time: 02:00 PM to 03:30 PM

Topic: Image Captioning using Recurrent Neural Network

Resource Person:Dr. Mahesh Jangid Assistant Professor, Manipal University

Snapshot:



Session 10: Day: Thursday, September 24, 2020

Time: 10:00 AM to 11:30 AM

Topic: Introduction to Convolutional Neural and hands on for image classification

Resource Person -Dr. Meenakshi Arya, Professor, SRM University

Snapshot:



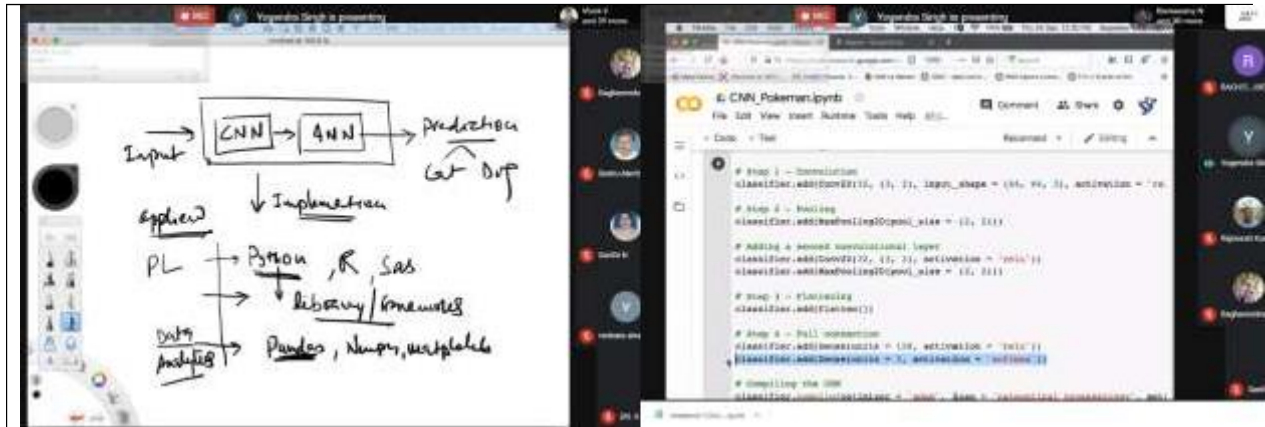
Session 11: Day: Thursday, September 24, 2020

Time: 11:45 AM to 01:15 PM

Topic: Implementation of Transfer Learning for Image Classification

Resource Person -Mr. Yogendra Singh, Co-Founder Forsk Lab

Snapshot:



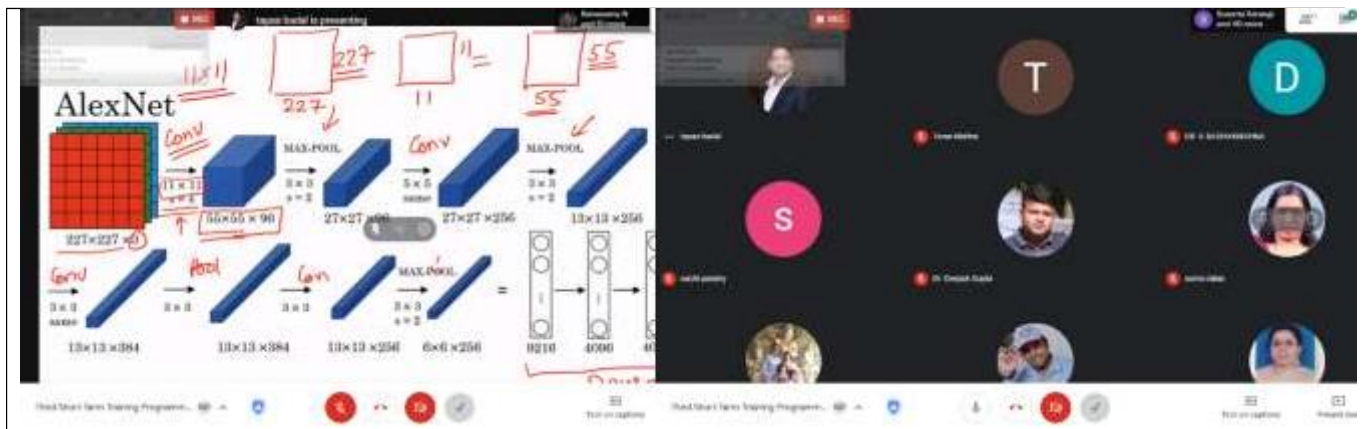
Session 12: Day: Thursday, September 24, 2020

Time: 02:00 PM to 03:30 PM

Topic: Image Feature Extraction using CNN

Resource Person -Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University.

Snapshot:



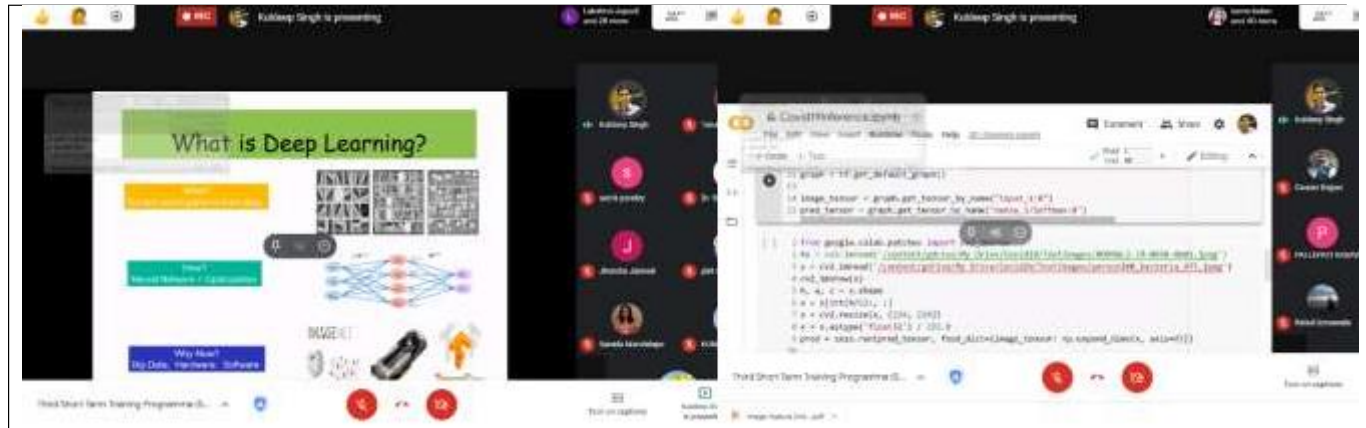
Session 13: Day: Friday, September 25, 2020

Time: 10:00 AM to 11:30 AM

Topic: Deep Learning for Medical Applications

Resource Person Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur

Snapshot:



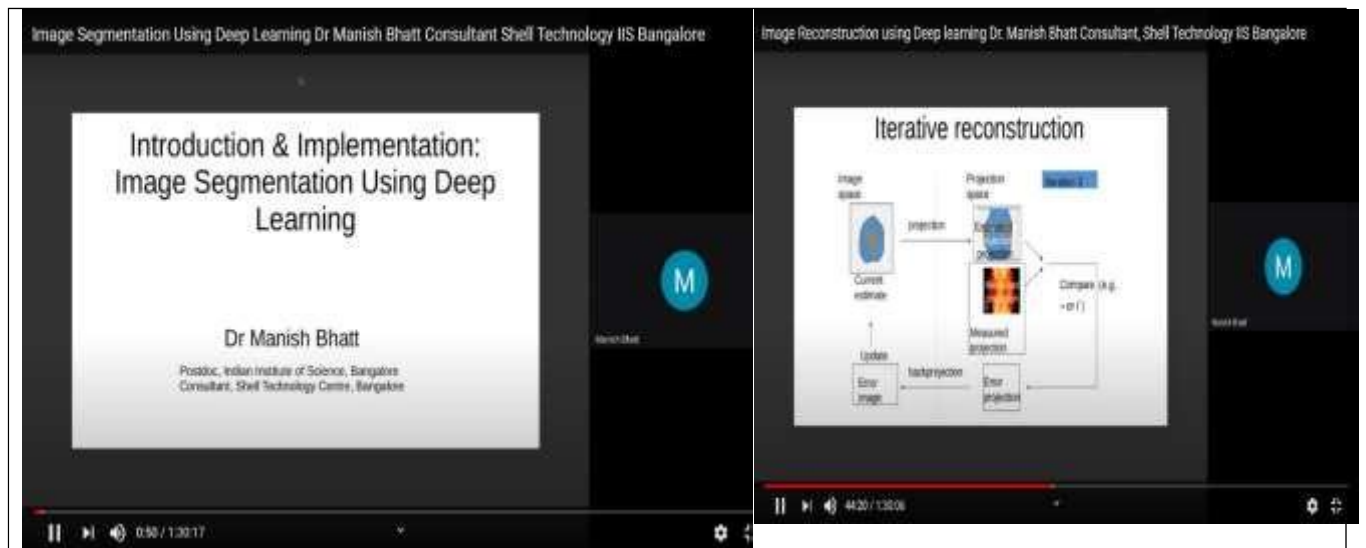
Session `14Day: Friday, September 25, 2020

Time: 11:45 AM to 01:15 PM

Topic: Image Reconstruction using Deep learning

Resource Person Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore

Snapshot:



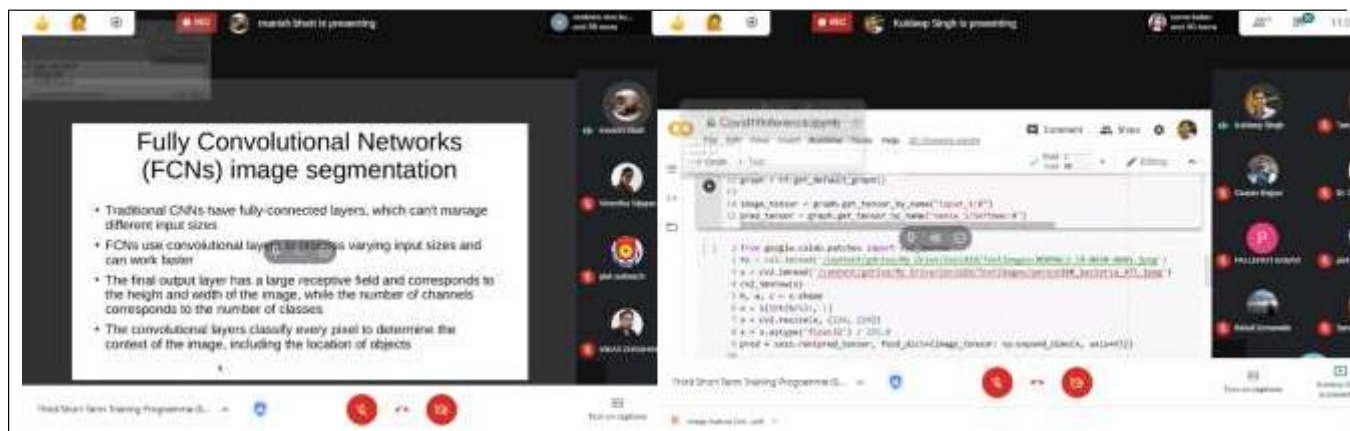
Session 15: Day: Friday, September 25, 2020

Time: 02:00 PM to 03:30 PM

Topic Implementation of Image Segmentation Using Deep Learning

Resource Person Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore

Snapshot:



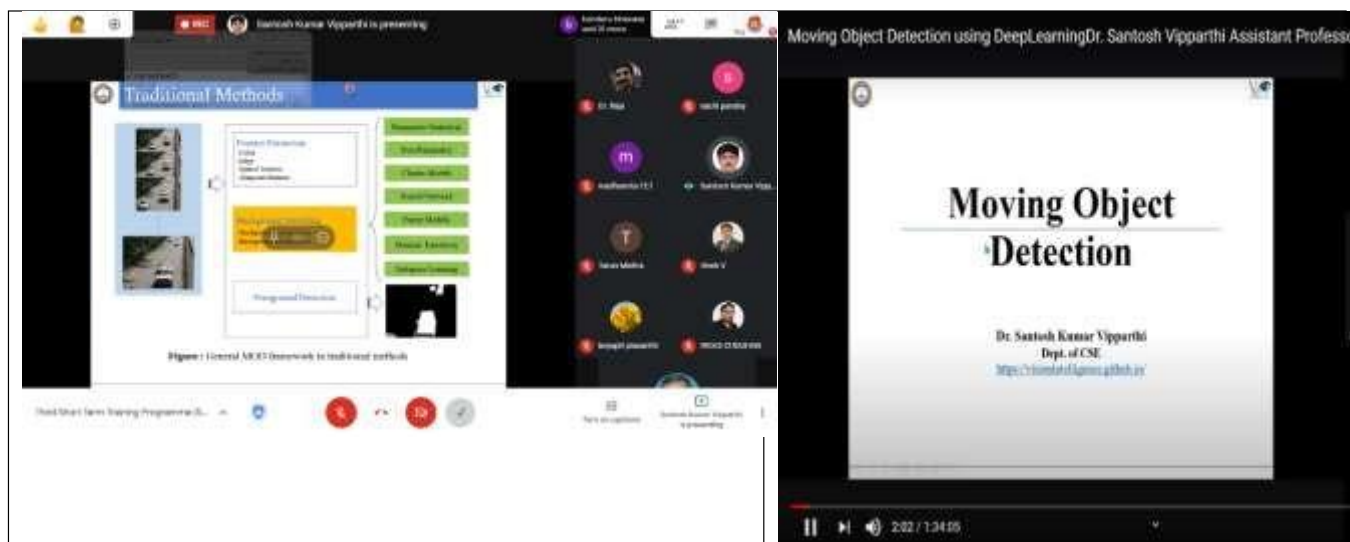
Session 16: Day: Saturday, September 26, 2020

Time: 10:00 AM to 11:30 AM

Topic: Moving Object Detection using Deep Learning

Resource Person -Dr. Santosh Vipparthi Assistant Professor, MNIT, Jaipur

Snapshot:



Session 17: Day: Saturday, September 26, 2020

Time: 11:45 AM to 01:15 PM

Topic: Introduction to Deep Generative Adversarial Networks Models

Resource Person Mr. Praveen Chandaliya,
Sdj Infosoft Pvt Ltd

Snapshot:



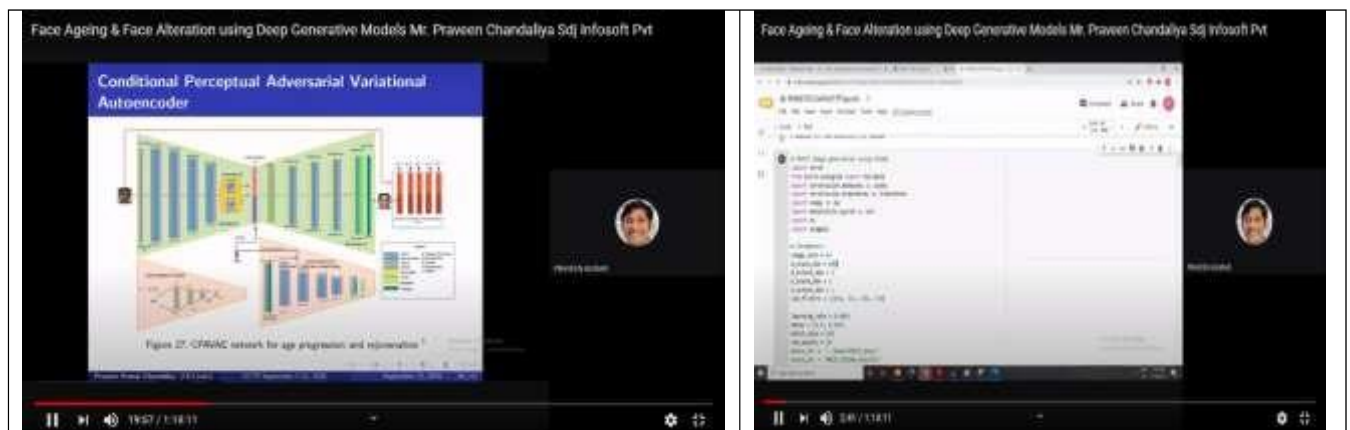
Session 18: Day: Saturday, September 26, 2020

Time: 02:00 PM to 03:30 PM

Topic: Implementation of Face Ageing & Face Alteration using Deep Generative Models (Autoencoders)

Resource Person Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd

Snapshot:



7. Video links:

7.1 Poornima Group You Tube TV

<u>Technical Session Title</u>	<u>link</u>
1. Introduction to Digital Image Processing and Intelligent systems Dr. Rajesh Kumar , Professor, MNIT Jaipur	https://youtu.be/PF9OOWg2aPg
2. Image Steganography and Implementation of Stegnography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	https://youtu.be/4MZO6-xkeFI
3. Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur	https://youtu.be/uvTIc9w9a7Y
4. Introduction to Image Morphology and its implementation. Dr. Preety Singh, Assistant Professor, LNMIIT Jaipur	https://youtu.be/ftQMBJ2suwU
5. Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/-r08zdCLtW4
6. Natural Language Processing using RNN Dr. Mahesh Jangid Assistant Professor, Manipal University	https://youtu.be/cJeCXFfbLLc
7. Image Classification using Artificial Neural Network Dr. Vipul Mishra, Professor, Bennett University	https://youtu.be/kTqeQgiJY1c
8. Document Image Classification using computer vision Dr. Sumit Srivastava, Professor, Manipal University	https://youtu.be/eyVSbw-u-wo
9. Image Captioning using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University	https://youtu.be/JIuVqxVBfkM
10. Introduction to Convolutional Neural and hands on for image classification Dr. Meenakshi Arya, Professor, SRM University	https://youtu.be/qUO7ntq8_WI
11. Implementation of Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/V82n28b-PP0
12. Image Feature Extraction using CNN Dr. Tapas Badal , Assistant Professor, Department of CSE Bennett University	https://youtu.be/IVUS7thQX3A
13. Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	https://youtu.be/dEKkVIQXx6g

14. Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science	https://youtu.be/MDA67C1ixHQ
15. Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science	https://youtu.be/4laQ_eneHg0
16. Moving Object Detection using Deep Learning Dr. Santosh Vipparthi, Assistant Professor, MNIT	https://youtu.be/ND66br9zM3Y
17. Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/Amb-Vybfnos
18. Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/CoUBK-JDxi4

7.2. Department of Computer Engineering Channel

Technical Session Title	Youtube link
1. Introduction to Digital Image Processing and Intelligent systems Dr. Rajesh Kumar , Professor, MNIT Jaipur	https://youtu.be/ETQrW8v-Tq4
2. Image Steganography and Implementation of Stegnography Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	https://youtu.be/eCkQ1uxXR58
3. Image enhancement, Restoration and Segmentation. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipu	https://youtu.be/rC1t-chNXRQ
4. Introduction to Image Morphology and its implementation. Dr. Preety Singh,Assistant Professor, LNMIIT Jaipur	https://youtu.be/_eUfw84O8t0
5. Image Processing Operations Using Python Ms. Shubhra Dalakoti Process Manager, American Express	https://youtu.be/jgwF9iey8yU
6. Natural Language Processing using RNN Dr. Mahesh Jangid Assistant Professor, Manipal University	https://youtu.be/jYXgP4EkSy0
7. Image Classification using Artificial Neural Network Dr. Vipul Mishra, Professor, Bennett University	https://youtu.be/FSK3IT5Cl3w
8. Document Image Classification using computer vision Dr. Sumit Srivastava, Professor,Manipal University	https://youtu.be/1A4XpAypWN4
9. Image Captioning using Recurrent Neural Network Dr. Mahesh Jangid Assistant Professor, Manipal University	https://youtu.be/LGgd1rHnMNc
10. Introduction to Convolutional Neural and hands on for	https://youtu.be/oFHwXQ-ANzY

image classification Dr. Meenakshi Arya, Professor, SRM University	
11. Implementation of Transfer Learning for Image Classification Mr. Yogendra Singh, Co-Founder Forsk Lab	https://youtu.be/fk1QY8iFqMg
12. Image Feature Extraction using CNN Dr. Tapas Badal , Assistant Professor, Department of CSE Bennett University	https://youtu.be/HGxU25-rP5g
13. Deep Learning for Medical Applications Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	https://youtu.be/5gEhMMA7gcM
14. Image Reconstruction using Deep learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science	https://youtu.be/eCna8fW5-KA
15. Implementation of Image Segmentation Using Deep Learning Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science	https://youtu.be/hjMwPjU1tRc
16. Moving Object Detection using Deep Learning Dr. Santosh Vipparthi, Assistant Professor, MNIT	https://youtu.be/1P2SIghihmc
17. Introduction to Deep Generative Adversarial Networks Models Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/0--9F-5gqyQ
18. Implementation of Face Ageing & Face Alteration using Deep Generative Models(Autoencoders) Mr. Praveen Chandaliya, Sdj Infosoft Pvt Ltd	https://youtu.be/U5KenAxpBDA

8. List of participants:

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Mr. SHANKAR G	Assistant Professor	CSE	VFSTR Deemed to be University
Mr. Mr. JITENDRA R PATEL	Assistant professor	Computer Department	Smt. S.R.Patel Engg College
Ms. KANIKA MALIK	ASSISTANT	COMPUTER	MEERUT INSTITUTE OF

	PROFESSOR	SCIENCE AND ENGINEERING	TECHNOLOGY, MEERUT
Mr. SUMIT KUSHWAHA	Assistant Professor	ELECTRONICS ENGINEERING	KAMLA NEHRU INSTITUTE OF TECHNOLOGY (KNIT) SULTANPUR
Ms. URMILA PAWAR	Professor	SPA	POORNIMA UNIVERSITY
Mr. DEVENDER KUMAR DHAKED	ASSISTANT PROFESSOR	COMPUTER SCIENCE AND ENGINEERING	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN
Ms. SUMA M	Assistant professor	computer science	Govt science college
Mr. SAIKUMAR TARA	Associate Professor	ECE	CMR Technical Campus
Ms. UNNATI SUNILKUMAR SHAH	Assistant Professor	Computer Engineering	C.K.Pithawala College of Engineering and Technology
Dr. DR. KAUSHIK HARILALA RAVIYA	Associate Professor	Computer Engineering	OM Engineering College
Dr. MAYANA JIGNESH SHAH	Assistant professor	Electronics and communication	C.k>pithawalla college of eng and Technology
Mr. AMITKUMAR R CHAUHAN	Assistant Professor	Civil engineering	Laxmi institute of technology Sarigam
Mr. RAMA KRISHNA PALADUGU	ASSISTANT PROFESSOR	CSE	RVR & JC COLLEGE OF ENGINEERING

9. Result:

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22	SHWETA	swethaskaddi@jssateb.ac.in	14.00 / 40

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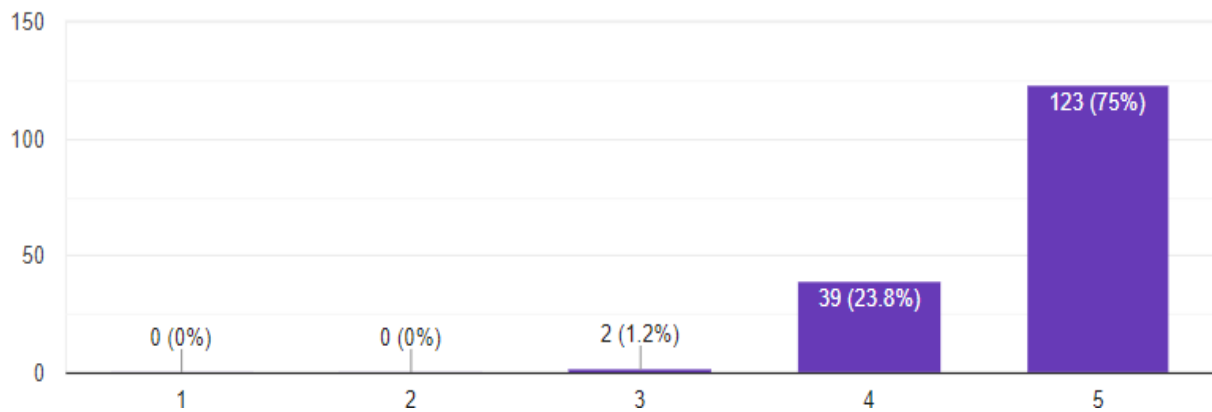
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10.Feedback:

The STTP broadened my understanding of concepts and principles in the field of Image processing, Machine Learning and Deep learning

164 responses

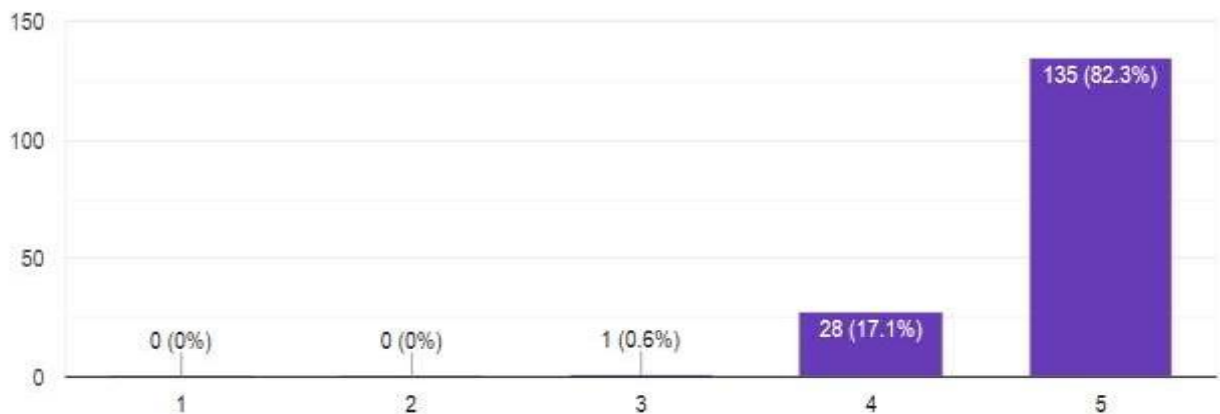


Not useful

got insight

The instructors explained the material well.

164 responses

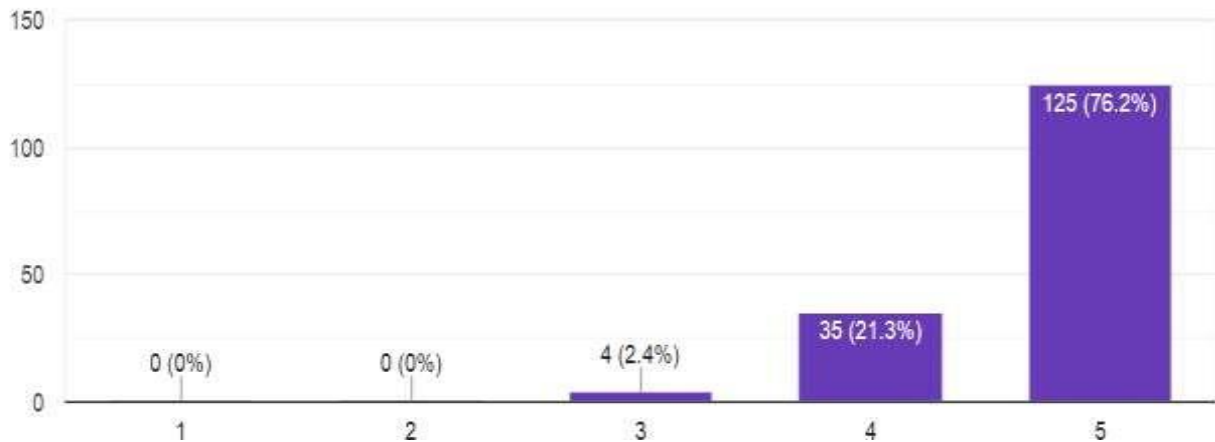


Less Explained

Well Explained

The Practical sessions increased my understanding in image processing machine learning and deep learning.

164 responses



Not effectively

learned a lot

The balance between lectures and hands-on sessions was optimal.



164 responses



11. Annexure:

a. STTP Certificate Speakers Certificate

**AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on
Image Processing and its Application**

September 21-26, 2020

Organized by

 **POORNIMA**
INSTITUTE OF ENGINEERING & TECHNOLOGY
Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

Sponsored by

 **AICTE**
New Delhi
AICTE Quality Improvement Scheme (AQIS)

Appreciation Certificate

This certificate is awarded to Dr. Mehak Khurana from The North Cap University, Gurugram, Haryana for sharing his/her valuable knowledge as a Resource person in the **AICTE-AQIS** sponsored One Week Short Term Training Programme (STTP) on **Image Processing and its Application** organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, held from September 21, 2020 to September 26, 2020.


(Dr. Praveen Kumar Gupta)
Coordinator


(Dr. Dinesh Goyal)
Principal & Director, PIET

ISI-2, RIICO Institutional Area, Sitapura, Jaipur • E-mail : info@poornima.org • www.piet.poornima.org

Participant Certificate

AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application

September 21-26, 2020



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AICTE Quality Improvement Scheme (AQIS)

Certificate

This is to certify that **Dr. RAKHI MUTHA**

From **POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY**

participated in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on **Image Processing and its Application** organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur; held from September 21, 2020 to September 26, 2020.

(Dr. Praveen Kumar Gupta)
Coordinator

(Dr. Dinesh Goyal)
Principal & Director, PIET

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AICTE-AQIS Sponsored One Week Short Term Training Programme (STTP) on Image Processing and its Application

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AICTE Quality Improvement Scheme (AQIS)

Certificate

This is to certify that **SESHAIAH M**
From **SJCIT**

participated in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on **Image Processing and its Application** organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, held from September 21, 2020 to September 26, 2020.

(Dr. Praveen Kumar Gupta)
Coordinator

(Dr. Dinesh Goyal)
Principal & Director, PIET

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POORNIMA FOUNDATION

INTER OFFICE MEMO

College:- PIET

Dept.:- COMPUTER ENGINEERING

From:-MR. DEEPAK MOUD

To:- ACCOUNTS DEPARTMENT

Date:-5.10.2020

Time

10:00 AM

Reference: AICTE-AQIS STTP On Image Processing & Its Applications - REMUNERATION

C.C.: Dr. Dinesh Goyal

C.C.

Respected Sir,

This is to bring to kind notice that Department of Computer Engineering has organized a **Third Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application** on from **September 21-26, 2020**. In the same concern following are the details of the Remuneration of Speakers of various sessions conducted in STTP.

S.NO	NAME	Remark	AMOUNT
1	Dr. MAHESH JANGID	Speaker	8000
2	Dr. TAPAS BADAL	Speaker	4000
3	Dr. MEHAK KHURANA	Speaker	4000
4	Dr. SUMIT SRIVASTAVA	Speaker	4000
5	Dr. PREETY SINGH	Speaker	4000
6	Dr. MANISH BHATT	Speaker	8000
7	Mr. YOGENDRA SINGH	Speaker	4000
8	Dr. KULDEEP SINGH	Speaker	4000
9	Dr. MEENAKSHI SUMEET ARYA	Speaker	4000
10	Ms. SHUBHRA DALAKOTI	Speaker	4000
11	Mr. PRAVEEN KUMAR CHANDALIYA	Speaker	8000
12	DR.SANTOSH VIPPARTHI	Speaker	4000
13	Dr. VIVEK KUMAR VERMA	Speaker	4000
14	Dr. VIPUL MISHRA	Speaker	4000
15	Dr. RAJESH KUMAR	Speaker	4000
16	Mr. DEEPAK MOUD (Acting Co-Coordinator) instead of Dr. Praveen Kumar Gupta	Co-Coordinator	5000
17	Mr. SANJEEV KUMAR MITTAL	Technical Assistant	3000
TOTAL			80000/-

Total (in words) : Eighty Thousand Only

Above amount can be released from the account No 13: (Write full account No.)

Name	POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY
Account No.	66542011000013

Total Amount Received for AICTE-AQIS STTP containing three modules is Rs. 226666/-

The above amount is for the Third Module only. Remaining fund have been used in first Two Modules

Detailed Sheet containing all information is also attached herewith for your reference. You are requested to do the needful at the earliest.

Thanks& Regards

Mr. Deepak Moud

HOD CE, PIET

Poornima Institute of Engineering & Technology
Department of Computer Engineering

Third Short Term Training Programme (STTP) under AQIS on Image Processing and its Application(September 21-26,2020)

S. No.	Your Name as per in Bank Account	Account Number	Bank Name	Bank IFSC Code	Branch Address	Bank City Name	PAN CARD NUMBER	Amout
1	Manish Bhatt	50100301672410	HDFC	HDFC0000628	New Bel Road	Bangalore	AXWPB0535A	8000
2	MEENAKSHI ARYA	026601518577	ICICI	ICIC0000266	Residency Road Jammu	JAMMU	AJSPA5884F	4000
3	Mehak Khurana	82472180002266	Syndicate Bank (Canara Bank)	SYNB0008247	ITM, Sector 23A, Gurgaon	Gurgaon	BDEPK7364K	4000
4	Preety Singh	676801460989	ICICI Bank	ICIC0006768	MNIT, JLN Marg, Malviya Nagar, Jaipur	Jaipur	AANPS5976Q	4000
5	Mahesh Jangid	031501541659	ICICI Bank	ICIC0002842	Bagru, Jaipur	Jaipur	AIQPJ3205L	8000
6	Tapas Badal	50100223190973	HDFC Bank	HDFC0001329	Villa road, Jaipur	Jaipur	BAKPB8639R	4000
7	RAJESH KUMAR	676801128921	ICICI	ICIC0006768	MNIT CAMPUS	JAIPUR	ADIPK4605N	4000
8	PRAVEEN KUMAR CHANDALIYA	676801504423	ICICI Bank	ICIC0006768	Malviya Regional Eng. College Campus, Malviya Nagar, Jaipur-30207	Jaipur	AHPPC9453P	8000
9	YOGENDRA SINGH	00541050139441	HDFC	HDFC0000054	D-54, SIDDI VINAYAK ASHOK MARG, C- SCHEME JAIPUR RAJASTHAN 302001 JAIPUR	Jaipur	AVJPS3647M	4000
10	SHUBHRA DALAKOTI	188201500260	ICICI BANK	ICIC0001882	ICICI BANK LTD.,SHOP NO 6,7 & 8, RIDHI SIDDHI HERITAGE, PLOT NO 56 &57, SECTOR -19, AIROLI NAVI MUMBAI 400708	AIROLI, NAVI MUMBAI	BBEPD9972Q	4000
11	SANJEEV KUMAR MITTAL	50100307510246	HDFC	HDFC0003873	HDFC BANK LTD F128 SITAPURA INDUSTRIAL AREA JAIPUR RAJASTHAN 302022	JAIPUR	CZOPM2961F	3000
12	vipul mishra	50100171480901	HDFC Bank	HDFC0000003	KG marg Delhi	Delhi	BNAPM6138B	4000
13	Santosh Kumar Vipparthi	676801501179	ICICI Bank	ICIC0006768	Department Of Computer Science & Enginee, Malaviya National Institute Of Technolog	Jaipur	AGDPV1636J	4000
14	SUMIT SRIVASTAVA	031501505975	ICICI BANK Pvt. Ltd.	ICIC0000315	Johari Bazar, 123 Raj Building, Jaipur, Rajasthan 302001	JAIPUR	BKUPS1102E	4000
15	Kuldeep Singh	676801701100	ICICI Bank	ICIC0006768	ICICI MNIT Campus	Jaipur	BEEPS7382N	4000
16	VIVEK KUMAR VERMA	61231648239	STATE BANK OF INDIA	SBIN0031804	BHANKROTA	Jaipur	AMXPV7838A	4000
17	Deepak Moud	031501530003	ICICI BANK	ICIC0000315	Johari Bazar, 123 Raj Building, Jaipur, Rajas	JAIPUR	ARYPM3199D	5000
Total								80000

Annexure-III

Audited Utilization Certificate

Name of Institute: Poornima Institute of Engineering & Technology, ISI-2, RIICO Institutional Area Sitapura, Goner Road Jaipur- 302022 Rajasthan

Name of Scheme under which grant was sanctioned: Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	Ref. No. 34-65/131/RIFD/STTP/Policy-1/2018-19	226666 /- (Rupees Two Lakh Twenty Six Thousand Six Hundred Sixty Six Only)	Certified that out of the grant-in-aid of Rs. Two Lakh Twenty Six Thousand Six Hundred Sixty Six Only (in words) sanctioned by the AICTE during the financial year 2019-20 in favour of Poornima Institute of Engineering & Technology (name of the institute) as per letter mentioned in the margin, Rs. 0 on account of unspent balance of previous year, Rs. 0 on account of other income / receipts, a sum of Rs Two Lakh Twenty Six Thousand Six Hundred Sixty Six Only has been utilized for the purpose for which it was sanctioned and the balance of Rs. 0- remained unutilized at the end of the year.

Grant was sanctioned and received in bank account number 665420110000013 of bank of India RAMCHANDRAPURA BRANCH, Jaipur. Out of which Rs. 226666 /- (Rupees Two Lakh Twenty Six Thousand Six Hundred Sixty Six Only) was utilized for the purpose it was granted.

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.

Kinds of checks exercised: -

- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports.

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

2). Signature of Chartered Accountants
Name: **For R SOGANI & ASSOCIATES**
Membership No: **Chartered Accountants**
Full Address

(NARESH KUMAR KADRA)
M. NO. 411127

(3). Signature of Head of the Institute:
Name **Dr. Dinesh Goyal**
Designation: **Principal's Director**
Full Address: **PIET, Jaipur**

[With Seal]

[With Seal]

4). Signature of the Finance Officer/Accounts Officer:

Name:

Designation

Full address

(If it is Govt./Govt. Aided Institute)

Place: **JAIPUR**

Date: **4/11/2020**

UDIN: **20411127AAAACK7442**

Director
(Finance & Admin.)
Poornima Institute of Engg. & Tech.
ISI-2, Sitapura, JAIPUR

ISI-2
RIICO Institute
Arca. Goner Road
Sitapura
JAIPUR-302022

Dr. Dinesh Goyal
Principal's Director
PIET, Jaipur

STATEMENT OF EXPENDITURE

Ref. No. : 34-65/131/RIFD/STTP/Policy-1/2018-19

Title of the Programme: IMAGE PROCESSING AND ITS APPLICATION

Name of the Coordinator: Dr. Praveen Gupta

Receipt & payment Account					
Sl. No.	Receipt	Amount	Sl. No.	Payment	Amount
		Rs.			Rs.
1	To Opening balance	0			
2	To grants received by AICTE	226666 /-			
3	of extra money required to complete program borne by institute	13334 /-			
4				By expenses incurred	240000 /-
5				Closing Balance	0/-
	Total	240000 /-		Total	240000 /-

1). Signature of Chartered Accountant:

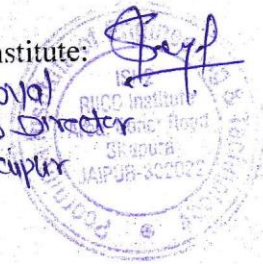
Name: **For R SOGANI & ASSOCIATES**
 Membership No: **Chartered Accountants**
 Full Address

(Signature)
 NARESH KUMAR KABRA
 M. No. 411127
 Partner

[With Seal]

2). Signature of Head of the Institute:

Name: **Dr. Dinesh Goyal**
 Designation: **Principal & Director**
 Full Address: **PLET, Jaipur**



[With Seal]

3). Signature of the Finance Officer/Accounts Officer:

Name:
 Designation: **Director**
 Full address: **(Finance & Admin.)**
 (If it is Govt./Govt. Aided Institute)

Place: **JAIPUR**

Date: **4/11/2020**

UDIN: **20411127AAAACR7442**

(Signature)
Director
 (Finance & Admin.)
 Poonima Institute of Engg. & Tech.
 ISI-2, Sitapura, JAIPUR



The Institute of Chartered Accountants of India

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You have logged in as: CA NARESH KUMAR KABRA (411127)

Last login: 04/11/2020 | 15:32:56

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INSTITUTE OF ENGINEERING & TECHNOLOGY

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

Program Evaluation committee (PEC)

Date:1/07/2020

Reference: - 1. Sanction Letter No. 34-65/131/RIFD/STTP/Policy-1/2018-19
2. Letter from office of Director(FDC) dated 25 June 2020, Regarding online Conduction of FDP

Subject: Three Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

Respected Sir,

With reference to above mentioned subject and the references cited above, Program Evaluation committee (PEC) is constituted at institutional level. The constitution of the PEC will be as under:

1. Chairman: Dr. Dinesh Goyal, Principal/Director
2. Member Secretary: Dr. Praveen Gupta, Coordinator of the program.
3. Mr. Deepak Moud, HoD, CSE
4. Dr. Sama Jain, HoD, I year
5. Subject Expert :Dr. Rekha Jain, Professor subject expert

Program execution Committee shall be responsible for conducting Test at the end of the program and the certificates will be issuing certificate to those participants who have attended the program and have qualified in the test.

Dr. Gautam Singh
Registrar





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Meeting 1 Minutes of Meeting Program Evaluation committee (PEC)

Date:30/08/2020

**Reference: - 1. Sanction Letter No. 34-65/131/RIFD/STTP/Policy-1/2018-19
2. Letter from office of Director(FDC) dated 25 June 2020, Regarding online
Conduction of FDP**

Subject: Three Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

Respected Sir,

With reference to above mentioned subject and the references cited above, Program Evaluation committee (PEC) consist of following members:

1. Chairman: Dr. Dinesh Goyal, Principal/Director
2. Member Secretary: Dr. Praveen Gupta, Coordinator of the program.
3. Mr. Deepak Moud, HoD, CSE
4. Dr. Sama Jain, HoD, I year
5. Subject Expert :Dr. Rekha Jain, Professor subject expert

Program execution Committee has conducting Test at the end of the First Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from August 24 - 29, 2020 and the certificates were issued to those participants who have attended the program and have qualified in the test. Summary of Short-term training program and list of participants received certificate along with score is as follows.



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1. Brief Overview:

Six Days First Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application		
Date: August 24 - 29, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Open CV (Spider, Mat Lab)	
Participants Registered	148	
Total Number of Candidate Attended FDP	120	
Total number of candidates issued Certificate	120	
Resource Persons	<ol style="list-style-type: none">1. Dr Pratistha Mathur, Professor, Manipal University Jaipur2. Dr. Munesh Chandra, Associate Professor, NIT Agartala3. Dr. Preety Singh, Assistant Professor, LNMIIT Jaipur4. Dr. Abhimanyu Singh Garhwal, Post-Doctoral Scientist, AgResearch, New Zealand5. Dr. Deepak Ranjan Nayak, Assistant Professor, MNIT Jaipur6. Dr. Vivek Kumar Verma, Assistant Professor, Manipal University Jaipur.7. Ms. Saroj Agrawal, Assistant Professor, Mahaveer College of Commerce Jaipur.8. Dr. Mehak Khurana, Assistant Professor, The North Cap University, Gurugram, Haryana.9. Mr. Saurabh Dutta, Assistant Professor, Poornima University Jaipur.10. Ms. Shubhra Dalakoti, Process Manager, American Express11. Mr. Ashutosh Tiwari, Software Engineer, Optimus Information	



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2. Result:

S.NO.	NAME	MARKS(40)
1	Mr. Abhishek Dadhich	25
2	Mr. Devender Kumar Dhaked	32
3	Ms. Shefali Sharma	33
4	Mr. Rahul Gupta	23
5	Ms. Vanitha.G	23
6	Dr. Rekha Jain	23
7	Ms. Priyanka Sharma	34
8	Dr. Garima Mathur	29
9	Ms. Reena Sharma	18
10	Mr. Gaurav Saxena	19
11	Mr. Vikram Khandelwal	16
12	Mr. Santosh Kumar Singh	8
13	Ms. Manisha Kumawat	18
14	Dr. Payal Bansal	17
15	Mr. Sumit Kushwaha	36
16	Mr. Aniket Shahade	19
17	Mr. Saikumar Tara	34
18	Ms. Sridevi Gangina	33
19	Ms. Abhilasha Vyas	30
20	Ms. Poonam Sharma	37
21	Mr. Aman Dureja	19
22	Dr. P Chandra Sekhar Reddy	14
23	Dr. Jampani Chandra Sekhar	33
24	Dr. Sailesh Iyer	26
25	Ms. Seelaboyina Radha	35
26	Mr. Shivanand Bhimashankar Konade	14
27	Mr. Seshaiiah M	25
28	Dr. Balajee Maram	35
29	Ms. Sushila Vishnoi	32
30	Dr. Raghavendra Patidar	34
31	Mr. Ranjith S	29
32	Mr. Mahesh Madhukar Mahajan	36
33	Mr. Ramagiri Kiran	12
34	Mr. Shankar G	32
35	Dr. Ankur Biswas	37



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36	Ms. Desiree Juby Vincent	38
37	Dr. Jagannath Nirmal	19
38	Mr. M Sreedhar Reddy	19
39	Dr. A Nagesh	27
40	Ms. Krishna Gupta	27
41	Ms. Damini Yuvraj Deore	36
42	Dr. Kavitha S	32
43	Mr. Raj Jaiswal	37
44	Mr. Mayank Kumar Jain	16
45	Dr. Anuradha T	33
46	Mr. Abdul Alim	15
47	Mr. Amar Ranjan Dash	37
48	Ms. Baishnobi Dash	37
49	Mr. T Mukthar Ahamed	37
50	Ms. Mereena John	24
51	Dr. Chengathir Selvi Murugesan	37
52	Dr. Mohanjeet Singh	35
53	Mr. Sameer Saxena	13
54	Mr. Balachandran.G	30
55	Mr. Raghavendar Raju L	19
56	Dr. Sasikumar Gurumoorthy	22
57	Mr. M. Praveen Kumar	37
58	Ms. Palanimeera J	26
59	Dr. P.Malliga	31
60	Mr. Vanga Karunakar Reddy	29
61	Dr. Pankaj Bhambri	12
62	Ms. R.Prasanthi@Punithavathi	34
63	Dr. Nirmalrani V	24
64	Ms. Aakanksha Jain	26
65	Mr. Ganeshkumar M	29
66	Mr. Suman Chatterjee	31
67	Mr. Amit Kumar Jain	31
68	Ms. Shashikala H K	32
69	Mr. Krishnarao Patwari	20
70	Dr. Pankaj Dadhich	34
71	Ms. Belina. N	30
72	Mr. Bhagavathi Santoskumar	21
73	Dr. Sumit Kumar	11
74	Ms. Chapala Maharana	28



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75	Ms. Pooja Sharma	37
76	Ms. Priya Dilip Chaudhari	35
77	Ms. Gouri Khadabadi	26
78	Dr. Sreenadh Chevula	10
79	Dr. Megha Gupta	27
80	Ms. Swati Srivastava	34
81	Dr. Sandip D Satav	31
82	Ms. Rashmi Tallalli	19
83	Mr. Sanjeev Kumar Mittal	9
84	Mr. Gaurav R Agrawal	33
85	Ms. Seeta Gupta	20
86	Ms. Archana Vinayak Gangurde	11
87	Ms. Malathi Freetham	11
88	Mr. Sandeep Tuli	31
89	Ms. Nidhi Periwal	16
90	Ms. Shruti Bijawat	37
91	Mr. Manish Mathuria	34
92	Mr. Manish Bhardwaj	26
93	Mr. Chandan Kumar Dubey	37
94	Mr. Deepak Moud	34
95	Dr. Anil Kumar	25
96	Ms. Anitha E	27
97	Mr. Chintoju Sidhardha	32
98	Mr. Dinesh Jain	17
99	Dr. Chander Mohan Associate Professor	14
100	Dr. Pokkuluri Kiran Sree	14
101	Dr. Pokkuluri Kiran Sree	10
102	Dr. S Karkuzhali	21
103	Dr. Sanjay Bhargava	13
104	Dr. Chander Mohan Associate Professor	19
105	Mr. Gautam Pal	21
106	Ms. J.Palanimeera	17
107	Dr. Kusum Pandey	27
108	Ms. Lakshmi	20
109	Mr A Venkata Ramana	17
110	Mr. K. Chandra Shekar	36
111	Mr.K.Ravikanth	7
112	Mr. Nagaraju Pamarthi	30
113	Mr. Prasad Prabhakar Mahale	32



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114	Ms. Priyanka V Deshmukh	19
115	Mr. Rahool Sekera	25
116	Mr. Ranjith S	29
117	Mr. Shaik Akbar	19
118	Ms. Simran Chhetija	21
119	Dr. Suneet Kumar	12
120	Mr. Uttam Basu	37

Dr. Dinesh Goyal
Principal

Deepak Moud

Dr. Praveen Gupta

Dr. Rekha Jain Mr. Sandeep Tuli





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Meeting 2 Minutes of Meeting Program Evaluation committee (PEC)

Date:19/09/2020

Reference: - 1. Sanction Letter No. 34-65/131/RIFD/STTP/Policy-1/2018-19
2. Letter from office of Director(FDC) dated 25 June 2020, Regarding online Conduction of FDP

Subject: Three Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

Respected Sir,

With reference to above mentioned subject and the references cited above, Program Evaluation committee (PEC) consist of following members:

1. Chairman: Dr. Dinesh Goyal, Principal/Director
2. Member Secretary: Dr. Praveen Gupta, Coordinator of the program.
3. Mr. Deepak Moud, HoD, CSE
4. Dr. Sama Jain, HoD, I year
5. Subject Expert :Dr. Rekha Jain, Professor subject expert

Program execution Committee has conducting Test at the end of the second Six Days Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from September 7-12, 2020 program and the certificates were issued to those participants who have attended the program and have qualified in the test. Summary of each Short-term training program and list pf participants received certificate along with score is as follows.



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3. Brief Overview

Six Days Second Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application		
Date: September 7-12, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Google Colab	
Participants Registered	201	
Total Number of Candidate Attended FDP	110	
Total number of candidate issued Certificate	68	
Resource Persons	SPEAKERS	
	Dr. Deepak Garg HOD and Professor, Department of CSE Bennett University	
	Dr. Sumit Srivastava Professor, Manipal University	
	Dr. Meenakshi Arya, Professor, SRM University	
	Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, Indian Institute of Science Bangalore	
	Dr. Santosh Vipparthi Assistant Professor, MNIT	
	Dr. Deepak Ranjan Nayak Assistant Professor, MNIT Jaipur	
	Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	
	Dr. Basant Agarwal Assistant Professor, Department of CSE IIIT Kota	
	Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	
	Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	
	Mr. Yogendra Singh, Co-Founder Forsk Lab	
	Mr. Praveen Chandaliya, Trainer, Sdj Infosoft Pvt Ltd	
Ms. Shubhra Dalakoti Process Manager, American Express		



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4. Result:

Sr.No	Name	Institute Name	Email address	Score
1.	AMAR RANJAN DASH	PARALA MAHARAJA ENGINEERING COLLEGE	researchchamardash@gmail.com	30 / 40
2.	Ankita Jain	IIIT Ranchi	ankitajain1691@gmail.com	34 / 40
3.	Ankur Biswas	Tripura Institute of Technology	abiswas.tit@gmail.com	28 / 40
4.	Ayush Goyal	Poornima Institute of Engineering & Technology, Jaipur	ayush.goyal@poornima.org	18 / 40
5.	Baby Sylal	College of Engineering, Trivandrum	sylal@cet.ac.in	38 / 40
6.	BAISHNOBI DASH	Vignan Institute of Technology and Management	baishnobi123@gmail.com	30 / 40
7.	Chandrasekhar kosuri	Government Polytechnic Anakapalle	meetsekhar9@gmail.com	24 / 40
8.	Chapala Maharana	CV Raman Global University, BBSR	chapalamaharana@gmail.com	30 / 40
9.	CHAPPA SAROJINI	Government Polytechnic, Anakapalli, Visakhapatnam	nandini.ch@gmail.com	27 / 40
10.	Chetna	CGC College of Engineering, Landran	chetna279@gmail.com	17 / 40
11.	Deepa J	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	vasdeepa03@gmail.com	23 / 40
12.	Desiree Jubyl Vincent	College of Engineering Chengannur	jubylvincent@gmail.com	33 / 40
13.	Dr Arshia Akhtar	Aligarh Muslim University	arshia.chem@gmail.com	14 / 40
14.	Dr GNANESWARA RAO NITTA	DRK College Of Engineering and Technology	gnani.nitta@gmail.com	36 / 40
15.	DR SANDIP D SATAV	JSPM'S JAYAWANTRAO SAWANT COE PUNE 411028	sandy_satav@yahoo.co.in	24 / 40
16.	Dr. Amit Ranjan	Dr. D.Y. Patil Biotechnology and Bioinformatics Institute, Pune	amith.ranjan@dpu.edu.in	24 / 40
17.	Dr. Anila Dhingra	Poornima College of Engineering,	anila.dhingra@poornima.or	35 /



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		Jaipur	g	40
18.	Dr. Anjali Pant	Government Polytechnic Shaktifarm Uttarakhand	anjalikunnu@rediffmail.com	31 / 40
19.	Dr. Garima Mathur	Poornima College of Engineering, Jaipur	drg.mathur@poornima.org	26 / 40
20.	Dr. Kamaljit Lakhtaria	Gujarat University	kamaljit.ilakhtaria@gmail.com	24 / 40
21.	Dr. Kavitha S	Dayananda Sagar College of Arts, Science and Commerce	kavithas@dayanandasagar.edu	27 / 40
22.	Dr. NIRGISH KUMAR	HBTU Kanpur	nirgish.hbtu@gmail.com	18 / 40
23.	Dr. Sailesh Iyer	Rai University	drsaileshiyer@gmail.com	29 / 40
24.	Dr. Sonal Sharma	Poornima College of Engineering Jaipur	sonal.sharma@poornima.org	10 / 40
25.	Dr. Sonam Mittal	B K Birla Institute of Engineering and Technology	sonam.mittal2405@gmail.com	16 / 40
26.	Dr. SYED IBRAHIM K	IP SOFTWARE SOLUTION, COIMBATORE	syedibrahimkaliba@gmail.com	24 / 40
27.	Dr.Y.Vijayalata	Gokaraju Rangaraju Institute of Engineering & Technology	vijaya@griet.ac.in	31 / 40
28.	E Ramanujam	Thiagarajar college of Engineering	ramanujamge@gmail.com	37 / 40
29.	GAJENDRA SINGH	Vedant College Of Engineering & Technology Bundi	deepurajawat.singh7@gmail.com	18 / 40
30.	Gaurav Sahu	B K Birla Institute of Engineering & Technology, Pilani	gauravsahu.87@gmail.com	11 / 40
31.	Gurpreet Singh	CGC-COe Landran	gurpreet.3529@cgc.edu.in	21 / 40
32.	Harsha Mario Akano	RGM CET	akano474@gmail.com	15 / 40
33.	K.SWAMINATHAN	perunthalaivar kamarajar institute of engineering and technology	snathank@yahoo.com	16 / 40
34.	KARTHIK P	PRIST Deemed To Be University	pkpristuni@gmail.com	30 / 40
35.	MADHAVI VELPULA	Vaagdevi Engineering College	madhavi.0515@gmail.com	18 / 40
36.	Mahender Kumar Beniwal	Swami Keshvanand Institute of Technology Management & Gramothan	mbeniwal@skit.ac.in	20 / 40



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37.	MANISH DUBEY	POORNIMA COLLEGE OF ENGINEERING JAIPUR	manish.dubey@poornima.org	14 / 40
38.	Manish Mathuria	Poornima Institute of Engineering & Technology, Jaipur	manish.mathuria@poornima.org	17 / 40
39.	MANOJ KUMAR DIWAKER	MANIT BHOPAL	manoj.diwaker2007@gmail.com	26 / 40
40.	Mr.DEVENDER KUMAR DHAKED	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN	dd.rcew@gmail.com	33 / 40
41.	Mr.DHUPAM ARUN KUMAR	RAGHU INSTITUTE OF TECHNOLOGY(AUTONOMOUS),VISA KHAPATNAM	arunrs9848@gmail.com	23 / 40
42.	Ms.Priyanka Atmaram Deshmane	Anuradha engineering college chikhli	priyanka.deshmane8218@gmail.com	26 / 40
43.	NIVEDITHA GOPIGARI	Geethanjali College of Engineering and Technology	nive.gopigari@gmail.com	30 / 40
44.	Parashjyoti Borah	Sikkim Manipal Institute of Technology	parashjyoti@hotmail.com	21 / 40
45.	Prabhu Chakkaravarthy A	St.Josephs College of Engineering	sjce.prabhuca@gmail.com	21 / 40
46.	Prasad Prabhakar Mahale	R. C. Patel Institute of Technology, Shirpur	prash.mahale@gmail.com	11 / 40
47.	Rajarajacholan g	PRIST DEEMED TO BE UNIVERSITY	gsrajarajacholan@gmail.com	7 / 40
48.	Ravindra Kumar Singh Rajput	G.B. Pant University of Agriculture & Technology, Pantnagar	rajpoot.rs@gmail.com	29 / 40
49.	Reena Sharma	Poornima College of Engineering	reena.sharma@poornima.org	16 / 40
50.	Rita Banik	The ICFAI University Tripura	rita.nit@gmail.com	27 / 40
51.	SAIKUMAR TARA	CMR Technical Campus	tarasaikumar@gmail.com	31 / 40
52.	Santosh Kumar Singh	Trinity Institute of Professional Studies	santosh.trinity17@gmail.com	10 / 40
53.	SARITA TEJRAO SAWALE	Anuradha Engg. College, Chikhli	sarita.sawale@gmail.com	26 / 40
54.	Seshaiah M	Sjc Institute of technology	merikapudi@gmail.com	24 / 40
55.	seshaiah m	SJCIT	merikapudi@gmail.com	18 / 40
56.	SHANKAR G	VFSTR DEEMED TO BE UNIVERSITY	shankarganesan1985@gmail.com	29 / 40



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57.	Shefali sharma	Jaipur National University	shelialsharma888@gmail.com	18 / 40
58.	SHIVANAND BHIMASHANKAR KONADE	G V Acharya college shelu Mumbai	shiva_konade@rediffmail.com	15 / 40
59.	Sneha Mishra	Galgotias University, Greater Noida	snehariet@gmail.com	25 / 40
60.	Sreekala kk	IIIT Kottayam	sreekalaphd2019@iiitkottayam.ac.in	33 / 40
61.	SUMAN CHATTERJEE	SCM INSTITUTE OF ENGINEERING and Technology	sumanc.2006@gmail.com	24 / 40
62.	Sureshkumar C	KGISL Institute of Technology	cskinit@gmail.com	22 / 40
63.	T MUKTHAR AHAMED	Y.S.R ENGINEERING COLLEGE OF YOGI VEMANA UNIVERSITY	tmukthar@gmail.com	14 / 40
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65.	Usha	AVVM	dhanshya@gmail.com	15 / 40
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Meeting 3 Minutes of Meeting Program Evaluation committee (PEC)

Date:2/10/2020

Reference: - 1. Sanction Letter No. 34-65/131/RIFD/STTP/Policy-1/2018-19
2. Letter from office of Director(FDC) dated 25 June 2020, Regarding online Conduction of FDP

Subject: Three Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application

Respected Sir,

With reference to above mentioned subject and the references cited above, Program Evaluation committee (PEC) consist of following members:

1. Chairman: Dr. Dinesh Goyal, Principal/Director
2. Member Secretary: Dr. Praveen Gupta, Coordinator of the program.
3. Mr. Deepak Moud, HoD, CSE
4. Dr. Sama Jain, HoD, I year
5. Subject Expert :Dr. Rekha Jain, Professor subject expert

Program execution Committee has conducting Test at the end of the Six Days Third Short Term Training Programme (STTP) under AICTE-AQIS on Image Processing and its Application from September 21-26, 2020 and the certificates were issued to those participants who have attended the program and have qualified in the test. Summary of each Short-term training program and list pf participants received certificate along with score is as follows.



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1. Brief Overview

Six Days Third Short Term Training Programme (STTP) under AICTE-AQIS on		
Image Processing and its Application		
Date: September 21-26, 2020	Time-	10:00 AM-11:30 AM 11:45 AM-1:15 PM 2:00 PM-3:30 PM
Mode	Online (Google Meet) Presentation and Hands On Sessions using Google Colab	
Participants Registered	268	
Total Number of Candidate Attended FDP	268	
Total number of candidate issued Certificate	174	
Resource Persons	SPEAKERS	
	1. Dr. Rajesh Kumar, Professor, MNIT, Jaipur	
	2. Dr. Sumit Srivastava Professor, Manipal University	
	3. Dr. Meenakshi Arya, Professor, SRM University	
	4. Dr. Manish Bhatt Consultant, Shell Technology Centre Postdoc, IISc Bangalore	
	5. Dr. Santosh Vipparthi Assistant Professor, MNIT	
	6. Dr. Vipul Mishra, Professor Bennett University, Professor, MNIT Jaipur	
	7. Dr. Kuldeep Singh Assistant Professor, MNIT, Jaipur	
	8. Dr. Preety Singh, Associate Professor, LNMIIT Jaipur	
	9. Dr. Tapas Badal Assistant Professor, Department of CSE Bennett University	
	10. Dr. Mahesh Jangid Assistant Professor, Department of CSE, Manipal University	
	11. Mr. Yogendra Singh, Co-Founder Forsk Lab	
	12. Mr. Praveen Chandaliya, Trainer, Sdj Infosoft Pvt Ltd	
	13. Ms. Shubhra Dalakoti Process Manager, American Express	
	14. Dr. Mehak Khurana Assistant Professor, The North Cap University, Gurugram, Haryana	
	15. Dr. Vivek Kumar Verma Assistant Professor Manipal University Jaipur	



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2. Result:

S. No.	Name	E-mail id	Total score
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