


e-Newsletter

An official Bi-Annual e-Newsletter for internal circulation

July 2021

Volume (VII)

The IT Department offers Bachelor of Technology programme in Information Technology. The faculty members of department are well qualified and effective.

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(Assistant Professor, IT)

VISION

- To become a front runner in transforming the individuals into competent IT professionals, to meet the needs of evolving technology and serve the humanity.

MISSION

- To impart quality education with innovative teaching learning process to develop culture of research and innovation.
- Collaborate and interact with industry professionals, academicians to provide suitable forums to exhibit the creative talent of students.
- Provide leadership and planning for effective and strategic use of information technology.

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02

FDP Organized on Blockchain Technology

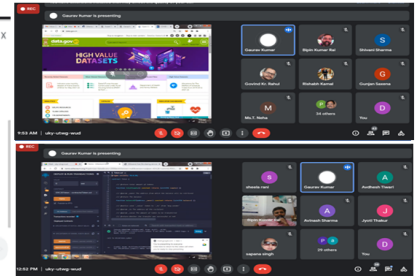
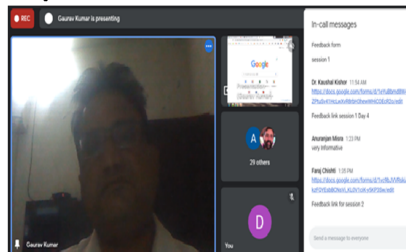
FDP ON Blockchain Technology: ARCHITECTURE & ITS APPLICATION

ABESIT

FDP ON BLOCKCHAIN TECHNOLOGY: ARCHITECTURE & ITS APPLICATIONS

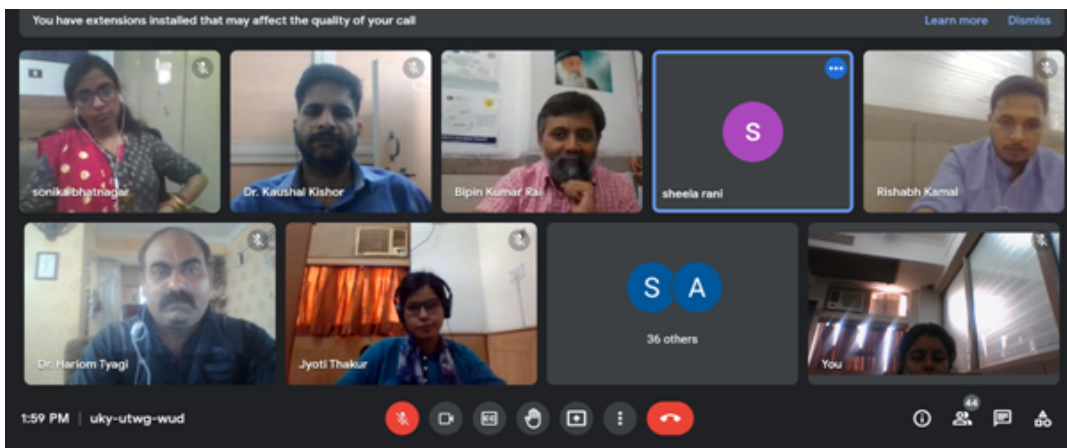


Day 5



Session:
Session 1: Solidity, Ganache, Metamask (hands-on session)
Session 2: Smart Contracts ,Decentralized Applications (DAPP) (hands-on session)

Speaker:
Mr. Gaurav Kumar
Director Magma Research and Consultancy Services
Ambala Cantt., Haryana



Five days of FDP (Faculty Development Program) on Blockchain Technology: Architecture & its Application organized by the Department of Information Technology, ABESIT Ghaziabad was successfully completed in online mode.

On the fifth day of FDP, Mr. Gaurav Kumar, Director Magma Research and Consultancy Services Ambala Cantt., Haryana gave hands-on experience on implementation of Solidity, Ganache, Metamask, Smart Contracts, and Decentralized Application. The FDP successfully realized its aim to improve and scale up the research skills and teaching aptitude of the faculty members for the enhancement of their practical knowledge.

The valedictory session of the FDP was chaired by Dr. Bipin Kumar Rai, HOD-IT Department, the participants were asked to share their experience and he also congratulated the organizing team for the successful completion of the FDP.

03

FDP Attended by Faculty Members

FACULTY DEVELOPMENT PROGRAM

SESSION (2020-2021)

**Dr. Bipin
Kr. Rai**

1 Week	Attended one week Faculty Development Program Blockchain Technology- Architecture and its applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU
1 Week	Blockchain Technology, Research Avenues, and its applications	12th to 17th July 2021	Nirma University, Ahmedabad, Gujrat
1 Month	Completed innovation Ambassador Training (Advanced Level)	30th June to 30th July 2021	Conducted by MoE's Innovation Cell & AICTE

**Mr.
Sumit
Kumar**

1 Week	Attended one week Faculty Development Program Blockchain Technology- Architecture and its applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU
1 Month	Completed innovation Ambassador Training (Advanced Level)	30th June to 30th July 2021	Conducted by MoE's Innovation Cell & AICTE

**Dr. Satya
Prakash
Yadav**

1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	ABESIT GHAZIABAD
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04

FDP Attended by Faculty Members

FACULTY DEVELOPMENT PROGRAM

SESSION (2020-2021)

**Ms.
Faraj
Chishti**

1 Month	AI-GPUs and Deep Learning	20th April to 19th May 2021	Organised by Dr. A.P.J. Abdul Kalam Technical University,
1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU.
1 Week	Artificial Intelligence: Application in Modern Scenarios	05th to 09th July 2021	Organised by M.B.M. Engineering College, Jodhpur sponsored by ATAL
1 Week	"Deep learning for computer vision"	26th to 20th July 2021	Organised by KIET Group of institutions, GZB sponsored by ATAL

**Ms.
Shivani
Sharma**

2 Weeks	Data Science	15th to 27th Feb 2021	E & ICT Academy, IIT Kanpur
1 Week	Research Confront and document typesetting using LaTeX:202X	22nd to 27th Feb 2021	Organized by ABESIT and sponsored by AICTE
3 Weeks	'Student Engagement, Future of Education, Design Thinking & Innovation'	10th to 31st May 2021	Organized by Strategyk Consilium Pvt. Ltd., Bengaluru and Dr. A.P.J. Abdul Kalam Technical University
1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU.

05

FDP Attended by Faculty Members

FACULTY DEVELOPMENT PROGRAM

SESSION (2020-2021)

**Dr.
Kaushal
Kishor**

1 Week	Attended one week Faculty Development Program Blockchain Technology- Architecture and its applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU
1 Week	Research Confront and Document typesetting using Latex:202x, mode	22nd to 27th Feb 2021	ABESIT Ghaziabad (STTP Sponsored by AICTE)
1 Week	Completed innovation Ambassador Training (Foundation Level)	30th June to 30th July 2021	Conducted by MoE's Innovation Cell & AICTE

**Ms.
Sonika
Bhatnagar**

1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU.
1 Week	Research Confront and document typesetting using LaTeX:202X	22nd to 27th Feb 2021	ABESIT GHAZIABAD

06 FDP Attended by Faculty Members

FACULTY DEVELOPMENT PROGRAM

SESSION (2020-2021)

Mr. Rishabh Kamal	1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU.
	1 Week	Research Confront and document typesetting using LaTeX:202X	22nd to 27th Feb 2021	ABESIT GHAZIABAD
Ms. Deepti Singh	1 Week	Blockchain Technology : Architecture & its Applications	14th to 18th June 2021	Organized by ABESIT and sponsored by AKTU.

07

Faculty Achievements

Book Published

Dr. Satya Prakash Yadav

Transforming Management with AI, Big-Data, and IoT Editors: Al-Turjman, F., Yadav, S.P., Kumar, M., Yadav, V., Stephan, T. (Eds.)

 Springer

springer.com

1st ed. 2021. Approx. 350 p.

Printed book

Hardcover

Ca. 149.99 € | Ca. £129.99 | Ca. \$179.99

[1] Ca. 160.49 € (D) | Ca. 164.99 € (A) | Ca. CHF 177.00

eBook

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F. Al-Turjman, S.P. Yadav, M. Kumar, V. Yadav, T. Stephan (Eds.)

Transforming Management with AI, Big-Data, and IoT

- Presents research in various industries and how artificial intelligence and Internet of Things is changing the landscape of business and management
- Presents new and innovative features in artificial intelligence and IoT use and in raising economic efficiency at both micro and macro levels
- Examines case studies with tried and tested approaches to resolution of typical problems in each application of study

This book discusses the effect that artificial intelligence (AI) and Internet of Things (IoT) have on industry. The authors start by showing how the application of these technologies has already stretched across domains such as law, political science, policy, and economics and how it will soon permeate areas of autonomous transportation, education, and space exploration, only to name a few. The authors then discuss applications in a variety of industries. Throughout the volume, the authors provide detailed, well-illustrated treatments of each topic with abundant examples and exercises. This book provides relevant theoretical frameworks and the latest empirical research findings in various applications. The book is written for professionals who want to improve their understanding of the strategic role of trust at different levels of the information and knowledge society, that is, trust at the level of the global economy, of networks and organizations, of teams and work groups, of information systems and, finally, trust at the level of individuals as actors in the networked environments.

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Faculty Achievements

Paper Published

Dr. Bipin Kumar Rai

Paper Published in International Journals/ Conferences

1. Bipin Kumar Rai, Ravi Verma, Shiva Tiwari, "Using Open Source Intelligence as a Tool for Reliable Web Searching" in **SN Computer Science**, ISSN: 2661-8907 Springer Nature Singapore Pte, Ltd (ACM Digital Library Indexed). <https://doi.org/10.1007/s42979-021-00777-4>
2. Bipin Kumar Rai, Shivani Sharma, Anjani Kumar, Akash Goyal, "Medical Prescription and Report Analyzer" in International Conference on Contemporary Computing (IC3-2021) on (August 5th -7th, 2021) jointly organized by the Jaypee Institute of Information Technology (JIIT), Noida, India, and the University of Florida, Gainesville, USA. Proceedings published in ACM ICPS ISBN Number: 978-1-4503-8920-4 (ACM Digital Library Indexed). (Scopus Indexed) DOI: <https://doi.org/10.1145/3474124.3474165> .

Dr. Kaushal Kishor

1. "Student Performance Prediction using Technology of Machine Learning." Available at SSRN 3879645 (2021).
2. "Prediction and Analysis of Financial Trends Using MI Algorithm." Available at SSRN 3884458 (2021), 11796-11802.
3. "Financial Supervision And Management System Using MI Algorithm." Solid State Technology 63, no. 6 (2020): 18974-18982

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Faculty Achievements

Book Chapter

Dr. Bipin Kumar Rai

Bipin Kumar Rai "**Access Control Mechanism in Healthcare Information System**", **Book Chapter** in "Cybersecurity: Ambient Technologies, IoT, and Industry 4.0 Implications" pp. 149-160. **CRC Press.**, 2021. **ISBN: 9780367702168, eBook ISBN: 9781003145042 DOI: 10.1201/9781003145042-10**

Patent Published

Dr. Bipin Kumar Rai & Shivani Sharma

Indian Patent Published (Date: 18 June 2021), IPR No: **202111024778**
Invention Title: Blockchain Technology Enabled Smart Electricity Billing System
Inventor(S): **Dr. Bipin Kumar Rai & Shivani Sharma,**

Dr. Kaushal Kishor

Patent Application Publication in India, Application No. **202111009704 A** . Title is **An automated Health Care System with medical services Assistance** published on 19-03-2021

10 Students Achievements

Student Research Papers

SESSION (2020-2021)

01	ATISHAY JAIN	<p>"Financial Supervision And Management System Using ML Algorithm" Solid State Technology ISSN 0038-111x, Vol. 63, No. 6, Page 18974-18982.</p>
	YASH SHARMA	
02	Rahul Sharma	<p>"Student Performance Prediction using Technology of Machine Learning" Presented in 2nd International Conference on Data Analytics and Management (ICDEM-2021) organized by Jan Wyzykowski University Poland and Panipat Institute of Engineering and Technology. Paper Available at Elsevier SSRN 3879645, 2021</p>
	Satyam Kumar Maurya	
03	ATISHAY JAIN	<p>"Prediction and Analysis of Financial Trends Using MI Algorithm." Presented in 2nd International Conference on Data Analytics and Management (ICDEM-2021) organized by Jan Wyzykowski University Poland and Panipat Institute of Engineering and Technology. Paper Available at SSRN 3884458 (2021).</p>
	YASH SHARMA	
04	ANKIT SHARMA	<p>"Predict COVID-19 with Chest X-ray" Presented in 2nd International Conference on Data Analytics and Management (ICDEM-2021) organized by Jan Wyzykowski University Poland and Panipat Institute of Engineering and Technology. Accepted for proceeding in Springer Lecture Notes (Scopus index).</p>
	NIKHIL JHA	
05	SANIYA TYAGI	<p>"Study and development of Self Sanitizing Smart Elevators" Presented in 2nd International conference on Data analytics and Management (ICDEM-2021) organized by Jan Wyzykowski University Poland and Panipat Institute of engineering and Technology. Accepted for proceeding in Springer Lecture Notes (Scopus index).</p>
	SATYAN GUPTA	
06	VIMAL VASHISHTHA	<p>"A Collective Polling Platform for Recording and Sharing People's Opinion" International Journal of Innovative Research in Technology(IJIRT) Volume 8 Issue 1 ISSN: 2349-6002</p>
	SAMARTH GARG	
07	RISHI KUMAR KAMAT	<p>"THIRD EYE FOR BLIND PERSON (SMART GLOVES)" International Journal of Innovative Research in Technology(IJIRT) Volume 8 Issue 1 ISSN: 2349-6002</p>
	RITIK SINGH	

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Students Achievements

Student Research Papers

SESSION (2020-2021)

08	MAYANK SHARMA	"MALWARE DETECTION USING MACHINE LEARNING" International Journal of Innovative Research in Technology(IJIRT) Volume 8 Issue 1 ISSN: 2349-6002
	AKARSH SRIVASTAVA	
09	ANUPAM KUMAR	"RIDEINWAY" International Journal of Innovative Research in Technology(IJIRT) Volume 8 Issue 1 ISSN: 2349-6002
	KRISHNA KUMAR MADHESIYA	
10	AKASH KESHARWANI	"Hand Talk: Intelligent gesture-based communication recognition & object identification for Deaf and Dumb" Presented in International Conference on Computational Intelligence & Computing Applications-21(ICCICA 21)
	SHREYASHI MAHESHWARI	
11	DEEPAI RAO	"SAHYOG: AN INFORMATION-DELIVERY CHANNEL USING KIOSK & HONEYPOT" Presented in International Conference on Computational Intelligence & Computing Applications-21(ICCICA 21)
	PALLAVI GHOSAL	
12	VISHNU KUSHWAHA	"AUTOMATED VOICE ASSISTANT" Presented in 4th Edition of International Conference on Communications and Cyber-Physical Engineering (ICCCE-2021)
	VISHAL TYAGI	
13	SHURTI GARG	"Voice-Text Chat App" International Journal of Innovative Research in Technology(IJIRT) Volume 8 Issue 1 ISSN: 2349-5162
	TRAPTI MISHRA	
14	GAURAV	"Unusual Event Detection" Presented in International Conference on Recent Trends in Parallel and Distributed Processing Techniques(RTPDP-2021)
	SARTHAK CHAHAL	

12 Students Achievements

Student Research Papers

SESSION (2020-2021)


15	ROHIT SHARMA	"Virtual Auto Stand" International Journal of Scientific Research in Engineering and Management, Volume:05 Issue:04, April 2021
	SPARSH SRIVASTAVA	
16	ANIKET KUMAR CHAUDHARY	"Indoor Navigation System" International Journal of Innovative Research in Technology, Volume 8, Issue 2
	AMRIT RAJ	
17	JULI	"Epidemic Tracker" Presented in International Conference on Advances in Security and Computing (ICASC 2021)
	SATYAM PAL	
18	JUHI RAJPUT	"Face Mask Detection " IJSTE - International Journal of Science Technology & Engineering Volume 7 Issue 7 January 2021
19	SAHIL KHERA	"Investment Management and Trading SimulatorApp" Presented in 3rd international conference on Advance in Management and Technological Innovations: MNIT Prayagraj
	PRIYA KATIYAR	
20	SIDDHARTH YADAV	"Android Notes using Finger Print Authentication" International Journal of Science and Research (IJSR) Paper ID- SR21405101230
	VAIBHAV GARG	

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Placements

Congratulations and Wishing All The Success!!

S.No	Name of Student	Company
1	Sparsh Srivastava	Xoriant
2	Sarthak Chahal	Vinove Software, Coforge
3	Dhishwari Singh	InnoBit Systems, Cognizant , TCS
4	Juli	InnoBit Systems, Wipro
5	Gaurav	Coforge
6	Ritik Singh	Coforge
7	Satyam Pal	Velocity Software
8	Vimal Vashisth	NetProphets
9	Pallavi Ghosal	NTT Data, Accenture
10	Riya Mittal	ONE BCG, Accenture
11	Rohit Sharma	Indus Valley
12	Anjani Kumar	NetProphets
13	Syedaamir Hussain Zaidi	NetProphets
14	Shreyshi Maheshwari	Erasmith Technologies
15	Akash Goyal	QA InfoTech
16	Digvijay Chauhan	QA InfoTech
17	Nikita Gupta	QA InfoTech
18	Aditya Kumar Pandey	QA InfoTech
19	Atishay Jain	QA InfoTech
20	Mayank Sharma	QA InfoTech
21	Trapti Mishra	QA InfoTech, TalentSarve
21	Trapti Mishra	QA InfoTech, TalentSarve
22	Yash Sharma	QA InfoTech

 Single Offer
 Double Offer
 Triple Offer

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Placements

Congratulations and Wishing All The Success!!

S.No	Name of Student	Company
23	Akanksha Tyagi	TalentSarve, QA InfoTech
24	Akarsh Srivastava	TalentSarve
25	Deepali Rao	TalentSarve
26	Nitin Bhati	TalentSarve, Advintek Technologies
27	Priya Katiyar	TalentSarve
28	Rahul Sharma	TalentSarve
29	Vishal Tyagi	TalentSarve, Planetcast Media Services
30	Yash Raghav	TalentSarve, Cloud Analogy
31	Roshan Sharma	QA InfoTech, Sopra Steria
32	Bhawana Arora	Accenture
33	Vineet Vashisht	CharPixel Technologies
34	Ankit Sharma	Cloud Analogy, Wipro
35	Juhi Rajput	Cloud Analogy
36	Nikhil Jha	Cloud Analogy, TCS, Innolabz
37	Aniket Kumar Chaudhary	Innolabz
38	Saniya Tyagi	Planetcast Media Services
39	Nirmal Akash	Innolabz
40	Akash Kesarwani	cloud Analogy, Accenture
41	Shruti Garg	cloud Analogy
42	Sidh Bhardwaj	cloud Analogy
43	Satyan Gupta	Spraxa Solution
44	Sahil Khera	Gerson Lehman Group, Cognizant

15 How to be safe online?

Article by : Sagar Singhal (4th Year IT)

Being safe online means protecting your personal information from intruders and securing your devices from cyberattacks.

Because your personal information is gold to a hacker, any trace of yourself that you simply leave online might be tracked, stolen, and sold. If you get infected by spy-malware or a selected virus, as an example, everything you are doing are often spied on and transferred on to a hacker's device.

You can get infected like this any time you employ unsecured public Wi-Fi, also as if you click on a malware-loaded pop- up ad or accidentally visit a malicious website. And, worst of all, you'd haven't any idea you were infected and are being spied on.

Many countries have now started taking actions for the protection against the illegal use of the personal information by the organizations. They have passed several Legislation for the same. But that's not enough in today's time. Hence, mentioned below are some more safety concern's one may look after for better protection:

- Choose to share limited data online on your social media handles.
- While filling any form online always keep in mind that you do not share any personal or say sensitive information.
- Use of passwords that do not involve anything predictable about yourself and use different passwords for different accounts.
- Prefer use of the Alpha-Numeric passwords i.e., Alpha- Numeric passwords are those which consist of a combination of upper as well as lower case, punctuation marks, and numbers.
- Prefer not to use any public computer or Wi-Fi, to access any of your online bank account, shopping site or E-mails.
- Use firewall protection or antivirus, it will prevent Malware, bugs, and hacking.
- While doing any online transaction use credit card instead of using a debit card as it has relatively better fraud protection policy than the debit card. Also remember not to save your card details on any site.