ABES Institute of Technology, Ghaziabad

Approved by AICTE, New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical

University, Uttar Pradesh, Lucknow.

(College Code: 290)
NBA Accredited Branches (CSE, IT)

Mandatory Disclosure

19th KM Stone, NH-9, Ghaziabad-201009 (U.P.) INDIA

ABES Institute of Technology, Ghaziabad
Mandatory Disclosure

- **AICTE File No.**

  F.No. Northern/1-36495147518/2023/EOA

- **Date of approval**

  Date: 07-Jun-2023 for academic Year 2023-24

- **Name of the Institution**

  ABES Institute of Technology
  19th Km. Stone, NH-9, Ghaziabad – 201009 Uttar Pradesh (India)

- **Email & Website**

  info@abesit.in & www.abesit.in

- **Nearest Railway Station**

  Ghaziabad (04 Km.)

- **Nearest Airport**

  IGI Airport, Delhi (60 Km.)

ABES Institute of Technology, Ghaziabad
Mandatory Disclosure

- **Type of Institution**

  Private-Self Financed

  Non-Minority

  Co-Ed

- **Name and Address of the Trust**

  Ved Foundation

  A-61, H.C.G.H.S, Plot No.10, Sector-22, Dwarka,

  New Delhi - 110075

- **Name and Address of the Director**

  Prof. (Dr.) M. K. Jha

  ABES Institute of Technology, Ghaziabad

- **Name and Address of the Affiliating University**

  Dr. APJ Abdul Kalam Technical University, Sec-11, Jankipuram Vistar,

  Lucknow, U.P. www.aktu.ac.in

ABES Institute of Technology, Ghaziabad
Governing Council

S.No	Name	Designation
1	Sh. Ashu Goel	Chairman, Managing Trustee of the Trust
2	Smt. Shalini Goel	Member, Managing Trustee of the Trust
3	Sh. Vaidik Goel	Member, Managing Trustee of the Trust
4	Sh. Dinesh Goel	Member, Nominee by the Trust
5	Prof. (Dr.) Vipin Garg, Advisor (ABESIT)	Member, Managing Trustee of the Trust
6	Prof. (Dr.) M.K. Jha	Director of the Institute
7	Sh. Sandeep Kumar	Member, Nominee of AICTE (An Industrialist of the Region)
8	Prof.(Dr.) Sampath Kumar V.	Member, Nominee of University, AKTU Lucknow
9	Prof.(Dr.) Arpita Gupta, Dean Incubation & Startup	Member, Faculty Nominee of the Institute – Professor
10	Smt. Manuja Pandey, Deptt. of ME	Member, Faculty Nominee of the Institute-Asstt. Professor
11	Ex-Officio	Member, Nominee of AICTE, Regional Officer

ABES Institute of Technology, Ghaziabad

Establishment of Anti Ragging Committee

S. No.	Name of Committee Members	Designation	Mobile No.
1.	Prof.(Dr.) M. K. Jha	Director	**9711060919**
2.	Prof. (Dr.) Subodh Kumar Sharma	Dean Student Welfare & Proctor	9808621738
3.	Prof.(Dr.) Bipin Kumar Rai	Dean Academics	9454285149
4.	Prof.(Dr.). Arpita Gupta	Dean-Incubation & Startup	8810553180
5.	Mr. Sumit Kumar	HOD-B. Tech. CSE-DS & IT	9891502406
6.	Mr. Vaibhav Jain	Registrar	**9711060930**
7.	Dr. Sandeep Kumar	Teaching Faculty	9953867649
8.	Dr. Anuj Kumar	Teaching Faculty	8433036849
9.	Mr. Mahak Singh Karnwal	SHO–Thana, Crossing Republik	9643327934
10.	Mr. Pradumn Upadhyaya	Journalist	9911055536
11.	Mr. Raj Kumar	Parent	7063970269
12.	Mr. Akanshu Mittal	Student (CSE-2nd year) *to be revised after counseling	7351754001
13.	Mr. Saurabh Pathak	Student (CSE- 4th year)	8881088879

ABES Institute of Technology, Ghaziabad

Courses Offered in the Campus

Programs presently running	Duration	Intake
B.Tech. in Computer Science Engineering (NBA accredited)	4 Years	180
B.Tech. in Information Technology (NBA accredited)	4 Years	60
B.Tech. in Computer Science and Engineering (DATA SCIENCE)	4 Years	180
B.Tech. in Computer Science and Engineering (ARTIFICIAL INTELLIGENCE)	4 Years	180
B.Tech. in Computer Science and Engineering (INTERNET of THINGS)	4 Years	90
B.Tech. in Electronics and Communication Engineering	4 Years	30
MCA (Master of Computer Application)	2 Years	120

ABES Institute of Technology, Ghaziabad
UG/PG Programmes

B.Tech. in Computer Science Engineering	4 Years
B.Tech. in Computer Science and Engineering (Data Science)	4 Years
B.Tech. in Computer Science and Engineering (AI)	4 Years
B.Tech. in Computer Science and Engineering (IoT)	4 Years
B.Tech. in Information Technology	4 Years
B.Tech. in Electronics & Communication Engineering	4 Years
MCA (Master of Computer Application)	2 Years

ABES Institute of Technology, Ghaziabad

Establishment of Internal Quality Assurance Cell

S.No.	Composition of IQAC Committee	Name
1.	Member from Management	1. Shri Ashu Goel
2.	Chairperson	2. Prof.(Dr.) M. K. Jha, Director
3.	Members from Faculty	3. Prof.(Dr.) Upasana Pandey, HOD (AI&IoT)
		4. Prof.(Dr.) Hoshiyar Singh Kanyal, HOD (CSE)
		5. Prof. Sumit Kumar, HOD (IT)
		6. Prof. Sanjeev Kumar, AHOD (CSE)
		7. Prof.(Dr.) Sheelesh Kumar Sharma, HOD (MCA)
		8. Dr. Surendra Prabhat Gupta, ASH (IQAC Coordinator)
		9. Dr. Amit Kumar Vats, ASH (NIRF Coordinator)
		10. Ms. Shivani Sharma, IT
		11. Dr. Sunil Kumar Arya, Head Research
4.	Administrative	12. Prof.(Dr.) Bipin Kumar Rai, Dean Academics
		13. Prof.(Dr.) Arpita Gupta, Dean, Incubation & Startup
		14. Prof.(Dr.) Subodh Kumar Sharma, DSW & Proctor
		15. Mr. Vaibhav Jain, Registrar
		16. Mr. Sachin Sharma, Accounts Officer
		17. Mr. Vijay Kumar, Exam Cell
		18. Mr. Krishan Bihar Dubey, Exam Cell
		19. Mr. Gaurav Kansal, Head-Training
		20. Dr. Adarsh Kumar, TPC
		21. Dr. Kaushal Kishor, IIC Coordinator
		22. Dr. Rakesh Singh Tomar, Librarian
5.	Alumni, Representative of Community	23. Mr. Kumar Satyarth, IT 2018-22
		24. Mr. Tarun Agarwal, CSE 2017-21
		25. Mr. Akash Chaudhary, IT 2007-2011
		26. Mr. Chirag Garg, CSE 2008-2012
		27. Mr. Dilip Kumar Gupta, Parent
6.	Nominees from Employers Industrialists/ Stakeholders	28. Mr. Naresh Gupta, Vice President-New Age Technologies Global Infoventures Pvt. Ltd.
		29. Mr. Eshan Pundir, Great Champ Technologies Pvt. Ltd., email-eshan.pundir@greatchamp.in
		30. Ms. Mukta Sharma, Innobit Systems, email-mukta.sharma@innobitsystems.com
7.	External Expert	31. Prof.(Dr.) J. P. Pandey, Vice-Chancellor, AKTU, Lucknow
		32. Prof. Sampath Kumar V., JSS, Noida
		33. Prof.(Dr.) Vipin Garg, Former Advisor-AICTE, Former Vice Chancellor-CCS Univ., Meerut

ABES Institute of Technology, Ghaziabad

Fee Structure for Candidate seeking admission in B. Tech. /MCA 1st Year of Session 2023-2024

Fee Head	For Students Admitted in 2023-2024		
	Counseling	Direct/Vacant	Fee Waiver
*Tuition Fee	**97,000***	**97,000***	-
Registration Fee (Annually)	7,500/-	7,500/-	7,500/-
Student Activity (Annually)	15,000/-	15,000/-	15,000/-
Academic Security (Refundable on completion of Course)	5,000/-	5,000/-	5,000/-
Medical Insurance	900/-	900/-	900/-

Enrollment Fees & Examination Fees	To be Paid by the students directly to the University

Uniform Fabric -   **: Rs. 6800/- cash only** (at the time of admission only)

IT Services (Mobile App) : Rs. 3600/- cash only (One time, for Mobile App Subscription)

Admission Process Fees (Non-Refundable) : Rs. 8000/- (One time, for Direct Admissions only)

*The Tuition Fee part of Academic Fee is subject to change as per the approval of the State Government/ Fee Fixation Committee.

ABES Institute of Technology, Ghaziabad

Message from Director

ABESIT Group of Institutions (ABESIT) is devoted to excellence in teaching, and learning and to developing manpower that would serve society at large and would make a positive difference to the world.

NBA Accreditation in B. Tech Computer Science & Engineering, B. Tech in Information Technology and B. Tech in Electronics & Communication Engineering currently till 2022 seals our objective of academic excellence. The performance of our students in the Smart India Hackathon organized by MHRD/AICTE, Govt. of India and winning laurels shows their sensitivity to serving society through engineering solutions. Involvement of our students in adopting villages under Unnat Bharat Abhiyan, Govt. of India showcases their zeal towards understanding the fabric of the society and thereby enthusiasm to serve mankind.

With Centers of Excellence covering all domains of engineering being run at ABESIT, excellent infrastructure, green and clean campus for which it has been awarded 7th Rank in all India for Swachh Campus Ranking 2017 and 6th Rank in all India for Swachh Campus Ranking 2018 by MHRD/AICTE, we have been able to provide an ambience where a student not only aspires to make a career but also to understand the society and strive to bring positive change in it. All of these have been possible because the teaching faculty is qualified, competent and painstaking.

I extend my gratitude to the parents for the trust shown by selecting ABESIT for a better future for their wards. I appreciate your belief in us and look forward to achieving all-around success with your cooperation.

Prof. (Dr.) M. K. Jha
Director

ABES Institute of Technology, Ghaziabad

Message from Chairman

Greetings from ABESIT Group of Institutions!

It is my pleasure to note that ABESIT Group of Institutions has created a strong niche in the academic domain of Engineering and forwarded

its legacy to Pharmacy education with the start of ABESIT Group of Institutions College of Pharmacy from session 2019-20,MCA from 2022-23 and Step Up School from session 2017-18. This has been possible with the commitment of qualified and competent faculty and staff which has brought laurels in academics and also on platforms such as Smart India Hackathon, Institution Innovation Council, Unnat Bharat Abhiyan etc. It is a matter of pride that AICTE / MHRD, Govt. of India has awarded consecutively 7th Rank in all India for Swachh Campus Ranking 2017 and 6th Rank in all India for Swachh Campus Ranking 2018.

I am sure that the world-class infrastructure and Centers of Excellence available to the students will pave the way for job-fit and industry-ready graduates who shall be at par with the advancements happening across the globe.

As Chairman of the Institute, I am sure that through this Endeavour, we shall continue to build strong relations with our students, parents, and industry and create a unique name for our excellence in the world of education.

With best wishes

Ashu Goel
Chairman,
ABESIT Group of Institutions.

ABES Institute of Technology, Ghaziabad
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Sr.No	Faculty Name	Designation
1	**Dr. Hoshiyar Singh Kanyal**	**Professor & HOD**
2.	Dr. Anurag Rai	Professor
3.	Ms. Archana Sharma	Assistant Professor
4.	Mr. Avdhesh Kumar Tiwari	Assistant Professor
5.	**Mr. Sanjeev Kumar**	**Asstt. Prof. & AHOD**
6.	Mr. Govind Kumar Rahul	Assistant Professor
7.	Mr. Krishan Bihari Dubey	Assistant Professor
8.	Ms. Priyanka Gupta	Assistant Professor
9.	Mr. Laxman Singh	Assistant Professor
10.	Ms. Shalu Mall	Assistant Professor
11.	Mr. Kundan Singh Rautela	Assistant Professor
12.	Ms. Sakshi Malik	Assistant Professor
13.	Mr. Manish Kumar	Assistant Professor
14.	Mr. Satyendra Singh	Assistant Professor
15.	Ms. Swati Joshi	Assistant Professor
16.	Ms. Ankita Kirti	Assistant Professor

ABES Institute of Technology, Ghaziabad
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Faculty Research Publications (Session 2017-18)

Journal Papers

1. **Bandhan R., Garg S., Rai B. and Agarwal G.**, "Bus Management System," International Journal of Advance Research in Computer Science (IJARCS), Vol. 9, Issue 3, pp. 4-6, May- June 2018.
2. **Kumari M. and Khan R.**, "Review Paper on Blue Brain Technology", International Journal of Computer Applications, Vol. 180, Issue 48, pp. 21-23,Jun 2018.
3. **Jha P. and Khan R.**, "A Review Paper on DevOps: Beginning and More to Know" International Journal of Computer Applications, Foundation of Computer Science, Vol. 180, Issue 48, pp.16-20, June 2018.
4. **Dwivedi A., Sharma A., Yadav A. and Khan R.**, "Security of Wireless Sensor Networks Employing Malicious Node Detection & Prevention Method", International Journal for Science and Advance Research In Technology, Vol. 4, Issue 5, pp. 834-840, May 2018.
5. **Kulshrestha S., Agarwal P. and Khan R.**, "Clustering in Wireless Sensor Networks using Modified LEACH (M-LEACH) " International Journal for Science and Advance Research In Technology, Vol. 4, Issue 5, pp. 829-833, May 2018.
6. **Jain R. and Khan R.**, "A Review on Network Security", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue 5, pp. 113-115, May 2018.
7. **Srivastava V., Pandey A. and Khan R.**, "A Study of Node.js Using Injection Vulnerabilities", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue 5, pp. 64-69, May 2018.
8. **Bansal H. and Khan R.**, "A Review Paper on Human Computer Interaction", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue4, pp. 53-56, April 2018.
9. **Chaudhary J. and Khan R.**, "A Review on Biometric Technology", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue 4, pp. 101- 104, April 2018.
10. **Sharma S., Goel S., Salmani N. and Khan R**., "Multi-User Chat Application and Assistant", International Journal of Science and Advanced Research in Technology, Vol. 4, Issue 4, pp. 2011-2013, April 2018.
11. **Kaushal P., and Khan R**., "A Review on Information Security", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue 4, pp. 122- 124, April 2018.
12. **Saraswat K., Baranwal K., Sharma A. and Agarwal G.**, "Music Mood Recognition", International Journal of Advance in Management, Technology and Engineering Sciences (IJAMTES), Vol. 8, Issue 4, pp. 587-596, April 2018.
13. **Rawal S., Mansi, Tyagi P. and Agarwal G.**, "Student Portal Using Parallel Computing Environment", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp. 753-757, April 2018.
14. **Dubey A., Kumar A., and Agarwal G.**, "Face Recognition in Attendance Monitoring System", International Research Journal of Science Engineering and Technology (IJRSET), Vol. 8, Issue 1, pp. 23-26, Apr 2018.
15. **Goyal R. , Sharma P. , Mishra S. and Agarwal G**., "A Web Portal Architectural Design and Implementation for Skill Development and Entrepreneurship", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 68, Issue 4, pp. 3568-3574, Apr 2018.

16. **Sharma D., Sharma A. and Agarwal G.**, "Review Paper on Digital Steganography In Android Application", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp. 9-16, Apr 2018.

17. **Rastogi A. , Sharma A., Srivastav T. and Agarwal G.**, "A Review on Audio Fingerprinting and The Methods Behind", International Journal of Engineering and Techniques (IJET), Vol.4, Issue 2, pp. 467-470, Apr 2018.

18. **Kumar P., Kumari A. and Sharma A.**, "Smart Police Navigator", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Vol. 7, Issue 2, pp. 57-60, Apr 2018.

19. **Ritika Km., Mittal T. and Sharma A.**, "A Review on: Job Portal", International Journal for Science and Advance Research in Technology (IJSART), Vol. 4, Issue 4, pp. 538-540, Apr 2018.

20. **Ali J., Sharma D. and Sharma A.**, "Finding Intrusion Detection using Cloud Computing Network", International Journal for Scientific Research and Development (IJSRD),Vol.6, Issue 2, pp. 2286-2288, Apr 2018.

21. **Sharma S., Singh S., Kachroo M. and Sharma A.**, "Library on Cloud", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp. 725-728, Apr 2018.

22. **Verma S., Tyagi P. and Sharma A.**, "Online Voting System", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp. 589-590, Apr 2018 .

23. **Dutta J., Gupta K., Chaudhary A. and Sharma A.**, "Providing Security by Encryption and Splitting Techniques over Cloud Storage", International Journal of Engineering & Techniques (IJET), Vol. 4, Issue 2, pp. 493-496, Apr 2018 .

24. **Sharma A., Chaudhay S., Attray D. and Badgoti V.**, "Research & Implementation of IOS APP for Interactive Weather", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp. 712-715, Apr 2018.

25. **Gautam S., Singh S., Singh S. and Sharma P.**, "Classification of Age and Gender using Deep Learning", International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 4, pp 2469-2474, Apr 2018.

26. **Agarwal H., Sharma J., Sharma P. And Agarwal S.**, "Detection of Moles, Scars and Deformed Faces", International Journal for Science and Advance Research In Technology (IJSART), Vol. 4, Issue 4, pp. 3380-3385, Apr 2018.

27. **Goya A., Sharma S., and Tiwari U.**, "Intrusion Detection in Wireless Sensor Networks", International Journal of Creative Research Thoughts, Vol. 6, Issue 2, pp. 120-125, Apr 2018.

28. **Rajput K. and Khan R.**, "Review on Garbage Monitoring System using Internet of Things", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 8, Issue 4, pp. 48-52, April 2018.

29. **Vaibhav A., Jaiswal A., Singh H., and Pandey D.,** "Secure Routing in Wireless Sensor Network using ACO", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, 2018.

30. **Srivastava T., Kashyap S., Garg U. and Pandey D.,** "A Comparative Study of Weather Forecasting using Statistical Models and Deep Neural Networks", International Research Journal of Engineering and Technology, Vol.5, Issue 4, pp.1-6, 2018.

31. **Singh B., Tyagi A., Chawla J., and Pandey D.,** "Smart Home Using Arduino", International Journal of Creative Research Thoughts (IJCRT) , Vol. 6, Issue 2, 2018.

32. **Sharma A.,** "A Review on the New Speed 5",International Journals of Advanced Research in Computer Science and Software Engineering , Vol. 8 , Issue 5, pp. 94-96, 2018.

33. **Goel S. and Sharma S.,** "Non Homogenous Anonymization Approach Using Association Rule Mining for Preserving Privacy", 2nd International conference on Electronics, Communication and Aerospace Technology (ICECA), 2018.

34. **Pandey A., Khan R. and Srivastava A.,** "Challenges in Automation of Test Cases for Mobile Payment Apps", IEEE CICT-2018.

35. **Gupta N. and Mittal K.,** "Survey on Chatbot Work and Design", International Journal of Computer Sciences and Engineering (IJCSE), Vol. 6, Issue 5, pp. 721-723, 2018.

36. **Srivastava T., Pandey A. and Khan R.,** "A Study of Node.js Using Injection Vulnerabilities", International Journals of Advanced Research in Computer Science and Software Engineering

(IJARCSSE), Vol. 8, Issue 5, pp. 64-69, 2018.

37. **Malhotra V., Chaudhary P., Sharma K., and Pandey A.,** "Online Registration Platform for Training Partner and Assessment Body", International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 4, pp. 5006-5008, 2018.

38. **Bhargava A., Singh P., Khanna S. and Pandey A.,** "Skill Development Portal for Training Partner and Assessment Bodies", International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 5, pp. 534-536, 2018.

39. **Rai A., Batra S., Ansari R., and Kumar S.,** "Developing Prediction Model of Loan Risk in Banks using Machine Learning", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp.763-768,2018.

40. **Chaurasia R., Gupta S., Siddhu S., and Kumar S.,** "Prediction of Heart Disease using Machine Learning Algorithm", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp.69-73, 2018.

41. **Hammad H., Singh N., Kumar M., and Kumar S.,** "Prediction of Alphabet Matrix Through SVM", International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 2, pp758- 762, 2018.

42. **Nath A., Katiyar A., Sahu S., and Kumar S.,** "Time Series Forecasting using ARIMA and Recurrent Neural NET with LSTM Network", International Journal of emerging trend &technology in computer science (IJETTCS), Vol. 7, Issue 2, 2018.

43. **Dwivedi A.,** "Analysis and Development of Web Based Decision Support System for Municipal Corporation", International Conference on Technology & Trust ICCT-17, 28-29 Dec2017.

Faculty Research Publications (Session 2018-19)

Journal Papers

1. **Sharma A. K.,** and Nitin, "A Multi-Objective Genetic Algorithm for Virtual Machine Placement in Cloud Computing" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue-8, Jun 2019.

2. **Sharma A. K.,** and Nitin, "A Broker Policy for Cloud Environments Using Hybrid Soft Computing Techniques", International Journal of Simulation, Systems, Science & Technology, ISSN 1473-804x Vol 19, Number 6, Page 3, Dec 2018.

3. **Khan R.** and Amjad M. " Mutation-based genetic algorithm for efficiency optimization of unit testing", International Journal Advanced Intelligence Paradigms, Vol. 12, Issue Nos. 3/4, Jan 2019.

4. **Khan R.** and Akhilesh Kumar Srivastava," A Tool for Generation of Automatic Control Flow Graph in Unit Testing of Python Programs", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Vol. 8, Issue-8, Jun 2019.

5. **Khan R.** and Akhilesh Kumar Srivastava, " Automatic Software Testing Framework forAll def-use with Genetic Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Vol. 8, Issue-8, Jun 2019.

6. **Kumar R.** and Pramod Kumar, and Vivek Singhal, "A Survey: Review of Cloud IoT Security Techniques, Issues, and Challenges", Proceedings of 2nd International Conference on Advanced Computing and Software Engineering held at KNIT Sultanpur from Feb. 8-9, 2019, published in ELSEVIER (SSRN digital library).

Research Publication (Session 2019-20)

Journal Papers

1. **Khan R.**, Sharma P. K. and Srivastava A. K., "Improving the Quality of Gaming Apps After Testing using Genetic Algorithm", International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249–8958, Volume-9 Issue-3, February 2020.

2. **Khan R.**, Singh. V., and Singh S., "Pregnancy Assistance using Ai-Based Application", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-5, March 2020.

3. **Khan R.**, Shrivastava P. and Kapoor A., Tiwari A., Mittal A., "Social Media Analysis with AI: Sentiment Analysis Techniques for the Analysis of Twitter COVID-19 Data", Journal of Critical Reviews, ISSN- 2394-5125, Volume-7, Issue-09, August 2020.

4. **Khan R.,** Kaushal A. and Agarwal A., Kumar A., "Tourist's Translator based on Digital Image Processing and Hybrid Translation", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-5, March 2020.

5. **Khan R.,** Sharma P. K. and Raj S., Verma S. K., Katiyar S., "Voice Based E-Mail System using Artificial Intelligence", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3, February 2020.

6. **Agrawal K. K.**, Sharma S. and Tomar S., Kumar S., "Disease Prediction for the Deprived using Machine Learning", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-7, May 2020.

7. Mishra D**.**, Yadav R. S. and **Agrawal K.K.**, "Kinematic modelling and emulation of robot for traversing over the pipeline in the refinery", Microsystem Technologies, Micro- and Nanosystems Information Storage and Processing Systems, ISSN0946-7076, Springer, September 2019.

8. Mishra D., Yadav R. S. and **Agrawal K.K.**, Abbas A., "Study of Application Layer Protocol for Real-Time Monitoring and Maneuvering", International Conference on Innovative Computing, and Communications, Advances in Intelligent Systems and Computing, Nov 2019.

9. **Kumar S.,** Pillai A. M. and Bhardwaj A., Mittal G., "Lightweight ECC based RFID Authentication Protocol", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9, Issue-7, May 2020.

10. **Kumar S.,** Sharma M. and Handa K., Jaiswal R., "Improve OCR Accuracy with Advanced Image Preprocessing using Machine Learning with Python", International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-9 Issue-7, May 2020.

11. Prajapati A. and **Kumar S.,** "PSO-MoSR: a PSO-based multi-objective software Remodularisation" International journal of bio inspired computation, ISSN 1758- 0374 Volume-5, Issue-4, July 2020.

12. **Sharma A. K.,** Goel T. and Verma T., Vishno S., "PRABHAVI-UPYOG: Cost Effective Car Parking Solution", 1st International Conference on Intelligent Communication and Computational Research (ICICCR- 2020), Jan 2020.

13. **Sharma A. K.**, Goel N. and Rajput J., Bilal M., "An Intelligent Model for Predicting the Sales of a Product", CONFLUENCE-2020, IEEE CONFERENCE RECORD NUMBER-47617 (SCOPUS INDEXED), April 2020.

14. Sharma M., Sharma H. and **Sharma A.**, Sharma B. K., "Application of Machine Learning Techniques in Various Emerging Fields", International Journal of Engineering Research & Management Technology, ISSN: 2348-4039, Volume-7, Issue-1, March-2020.

15. **Dubey K.B.**, Srivastava P. and Mishra P., "Emergency Accident Reporting using Smartphone", International Journal of Research in Engineering, IT and Social Sciences, ISSN 2250-0588, Volume-10 Issue-12, June 2020.

16. Dayal K. V., Singh P. and Sharma N., **Dubey K.B.**, "Detection of Diabetic Retinopathy using CNN", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-

0056, Volume-7, Issue-3, Mar 2020.

17. **Shukla J.**, Srivastava A. and Chauhan A., "Airline Price Prediction using Machine Learning", International Journal of Research in Engineering, IT and Social Sciences, ISSN 2250-0588, Volume-10, Issue-5, May 2020.

18. **Shukla J.**, Roy A.K., and Jaiswal A., Singh A., "Lung Cancer Prediction usingMachine Learning", International Journal of Research in Engineering, IT and Social Sciences, ISSN 2250-0588, Volume-10 Issue-5, May 2020.

19. **Tiwari U. K.**, Dhiman N. and Tandon N., "Predictive Big Data Analysis in Healthcare", Aegaeum Journal, ISSN NO: 0776-3808, Volume-8, Issue-4, April 2020.

20. **Tiwari U. K.**, Umair M. and Kumar M., "Predictive Analysis of Disease Using Big Data", Aegaeum Journal, ISSN 0776-3808, Volume-8, Issue-5, April 2020,

21. **Tiwari U. K.**, Chauhan A. and Kumar D., Gupta A., "Web Superintendence", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9, Issue-6, April 2020.

22. Das A., Singh A., Goyal A. and **Gupta A.**, "Real Time Drowsiness Detection System", IJSRD - International Journal for Scientific Research & Development, ISSN: 2321-0613, Volume-9, Issue-2, Feb 2020.

23. **Gupta A.**, Sharma D. and Sharma S., Agarwal A., "Survey Paper on Gender and Emotion Classification using Facial Expression Detection", International Conference on Intelligent Communication and Computational Research (ICICCR- 2020).

24. Singh N., **Singh S.**, "Proficient Key Hash Indexing Scheme with Page Rank for Category Based Big Data in Search Engine", International Journal of Applied Engineering Research ISSN 0973-4562 Volume-14, Number-10, Oct 2019.

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ABES Institute of Technology, Ghaziabad

DEPARTMENT OF INFORMATION TECHNOLOGY

Sr.No	Faculty Name	Designation
1	**Dr. Bipin Kumar Rai**	**Professor & Dean-Academics**
2	**Prof. Sumit Kumar**	**Associate Professor & HoD**
3	Prof.(Dr.) Kaushal Kishor	Professor
4	Ms. Deepti Singh	Assistant Professor
5	Ms. Faraj Chishti	Assistant Professor
6	Mr. Nagendra Nath Dubey	Assistant Professor
7	Ms. Shivani Sharma	Assistant Professor
8	Ms. Reshu Tyagi	Assistant Professor

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Kishor, K., Tyagi, R., Bhati, R., Rai, B.K. (2023). Develop Model for Recognition of Handwritten Equations Using Machine Learning. In: Mahapatra, R.P., Peddoju, S.K., Roy, S., Parwekar, P. (eds) Proceedings of International Conference on Recent Trends in Computing. Lecture Notes in Networks and Systems, vol 600. Springer, Singapore.

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DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING
(DATA SCIENCE)

List of Faculty Members

Sr.No	Faculty Name	Designation
1	Ms. Akanksha Bana	Assistant Professor
2	Mr. Raj Kishor Verma	Assistant Professor
3	Ms. Rupa Rani	Assistant Professor
4	Ms. Neha Varshney	Assistant Professor
5	Ms. Manu	Assistant Professor
6	Ms. Renuka Singh	Assistant Professor

Research Paper / Conference paper / Book Chapter Publication Details

1. **Kishor, K. & Verma, R. K. (2023). Cloud Computing-Based Smart Agriculture. In A. Sharma, N. Chanderwal, & R. Khan (Eds.), Convergence of Cloud Computing, AI, and Agricultural Science (pp. 120-136). IGI Global. https://doi.org/10.4018/979-8-3693-0200-2.ch006**

2. **Arvind Kumar, Raj Kishor Verma, Rupa Rani, "Edge Cloud Computing-Based Model for IoT", Researchgate, book chapter published in Cloud-based Intelligent Informative Engineering for Society 5.0 (pp.123-140), February 2023. DOI:10.1201/9781003213895-7 https://www.researchgate.net/publication/368522758_Edge_Cloud_Computing-Based_Model_for_IoT**

ABES Institute of Technology , Ghaziabad
DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING (IoT)

LIST OF FACULTY MEMBERS

Sr.No	Faculty Name	Designation
1	**Dr. Upasana Pandey**	**Professor & HOD**
2	Mr. Gaurav Kansal	Assistant Professor
3	Ms. Meena Kumari	Assistant Professor

Research Paper / Conference paper / Book Chapter Publication Details

Journal Papers

1. Geeta Rani, Upasana Pandey, Aniket Anil Wadges, Vijay Singh Dhaka "A Deep Reinforcement Learning Technique for bug detection in video games", International Journal of Information Technology, Volume 15, issue 1, Publication Date: 04/08/2022, Publisher-Springer Link, https://doi.org/10.1007/s41870-022-01047-z

Conference Papers

1. Upasana Pandey et al, "Role of Machine Learning in Resource Usgae and Security challenges for Cloud Computing", International Conference on Artificial Inteligence and Smart Communication (IEEE Xplore), 27th-29th Jan 2023, GL Bajaj Institute of Technology and Management, Greater Noida, India
2. Upasana Pandey et al, "Hospital Resource Management - A Survey", International Conference on Artificial Inteligence and Smart Communication (IEEE Xplore), 27th-29th Jan 2023, GL Bajaj Institute of Technology and Management, Greater Noida, India

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1. Upasana Pandey, Arvinda Kushwaha (2022), "Role of Artificial Intelligence in Medicine and Health Care: A Review", Artificial Intelligence and Natural Algorithms, ISBN NO: 978-981-5036-09-1 (Online), published by Bentham Science. Doi:10.2174/9789815036091122010005 (Scopus Indexed)
2. Upasana Pandey et al (2023), " Review and Analysis of Disease Diagnostic Models using AI and ML": Advancements in Bio-Medical Image Processing and Authentication in Telemedicine, ISBN NO: 9781668469583, published by IGI Global, DOI: 10.4018/978-1-6684-6957-6.ch003 (Scopus Indexed)

Patents

1. An Artificial Intelligence & Machine Learning Based system for Railway Asset Management, Application No: 202211014942, Publication Date: 1/04/2022(Dr.Upasana Pandey)
2. Patent Published: Risk Minimizing Device For Small and Large Scale Industries Patent Application Number-202311001180(Ms.Meena Kumari)

ABES Institute of Technology , Ghaziabad
DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING
(ARTIFICIAL INTELLIGENCE)

LIST OF FACULTY MEMBERS

Sr.No	Faculty Name	Designation
1	**Dr. Upasana Pandey**	**Professor & HOD**
2	Dr. Sandeep Kumar	Associate Professor
3	Ms. Khushboo Saxena	Assistant Professor
4	Mr. Gopal Gupta	Assistant Professor
5	Ms. Priyanka Sharma	Assistant Professor
6	Dr. Vineet Kumar Singh	Assistant Professor
7	Mr. Kuldeep Kumar	Assistant Professor
8	Ms. Sadhna Singh	Assistant Professor
9	Ms. Varsha Srivastava	Assistant Professor
10	Ms. Medhavi Bhardwaj	Assistant Professor
11	Ms. Abha Sharma	Assistant Professor
12	Mr. Anil Kumar Gupta	Assistant Professor
13	Ms. Poornima Kasana	Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING
(ARTIFICIAL INTELLIGENCE)

Research Paper / Conference paper / Book Chapter Publication Details

Journal Papers

2. Geeta Rani, Upasana Pandey, Aniket Anil Wadges, Vijay Singh Dhaka "A Deep Reinforcement Learning Technique for bug detection in video games", International Journal of Information Technology, Volume 15, issue 1, Publication Date: 04/08/2022, Publisher-Springer Link, https://doi.org/10.1007/s41870-022-01047-z

3. Amit Kumar "Face and gait biometrics authentication system based on simplified deep neural networks" International Journal of Information Technology, Published: 11 September 2022.

4. Yogesh Kumar,Khushboo Saxena," Numerical Simulation and Design of Hybrid Underwater Image Restoration and Enhancement with Deep Learning" International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-67992147-6799,Published Date:10/09/2022,Publisher-IJISAE

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3. Sandeep Kumar et al,"A Cross CNN-LSTM Model for Sarcasm Identification in Sentiment Analysis" International Conference on Artificial Intelligence, Blockchain, Computing and Security .ICABCS-2023 Galgotias University, Gr. Noida,

4. Vineet Kumar Singh et al,"GA Based Medical Image Encryption Algorithm Using Binary Circular Shift" International Conference of The Mathematical Society-BHU on Recent Trends in Mathematical and Computational Sciences(RTMCS),3-5 Jan 2023,Banaras Hindu University,Varanasi.

5. Amit kumar et al, Blind Spot Monitoring System Using Ultrasonic Sensor. In 2023 International Conference on Disruptive Technologies (ICDT) (pp. 30-35). IEEE.

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3. Upasana Pandey, Arvinda Kushwaha (2022), "Role of Artificial Intelligence in Medicine and Health Care: A Review", Artificial Intelligence and Natural Algorithms, ISBN NO: 978-981-5036-09-1 (Online), published by Bentham Science. Doi:10.2174/9789815036091122010005 (Scopus Indexed)

4. Upasana Pandey et al (2023), " Review and Analysis of Disease Diagnostic Models using AI and ML": Advancements in Bio-Medical Image Processing and Authentication in Telemedicine, ISBN NO: 9781668469583, published by IGI Global, DOI: 10.4018/978-1-6684-6957-6.ch003 (Scopus Indexed)

Patents

3. An Artificial Intelligence & Machine Learning Based system for Railway Asset Management, Application No: 202211014942, Publication Date: 1/04/2022(Dr.Upasana Pandey)

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5. Patent Granted: LAMP Post With Air Purification Assembly PATENT ID: 364572001(Dr.Sandeep Kumar)

ABES Institute of Technology, Ghaziabad

DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

LIST OF FACULTY MEMBERS

Sr.No	Faculty Name	Designation
1	Dr. Subodh Kumar Sharma	Professor
2	**Dr. Amit Kumar Vats**	**Associate Professor**
3	**Dr. Surendra Prabhat Gupta**	**Associate Professor**
4	Dr. Sunil Kumar Arya	Associate Professor
5	Dr. Nisha Singh	Associate Professor
6	Dr. Anjali Saxena	Associate Professor
7	Dr. Ratna Singh	Associate Professor
8	Dr. Dolly Sharma	Associate Professor
9	Dr. Anchala	Assistant Professor
10	Dr. Anuj Kumar	Assistant Professor
11	Ms. Aakansha Garg	Assistant Professor
12	Ms. Archana Srivastava	Assistant Professor
13	Mr. Anuj Kumar Tyagi	Assistant Professor
14	Mr. Kaushal Gupta	Assistant Professor
15	Dr. Rajeev Rajput	Assistant Professor
16	Ms. Renu Saluja	Assistant Professor
17	Dr. Vaishali Tyagi	Assistant Professor
18	Ms. Varuna Bhardwaj	Assistant Professor
19	Dr. Satish Chand Gupta	Assistant Professor
20	Dr. Manisha	Assistant Professor
21	Mr. Sandeep Kumar	Assistant Professor
22	Ms. Anamika Sharma	Assistant Professor

23	Mr. Vishal Gupta	Assistant Professor
24	Ms. Amita Dwivedi	Assistant Professor
25	Ms. Palak Saxena	Assistant Professor
26	Dr. Sheetal Chandra	Assistant Professor
27	Dr. Adarsh Kumar	Associate Professor
28	Mr. Anuj Kumar Saini	Assistant Professor
29	Prof. Avinash Chandra Trivedi	Associate Professor
30	Mr. Sachin Rana	Associate Professor
31	Dr. Sanjeev Kumar	Associate Professor
32	Mr. Vijay Kumar	Assistant Professor
33	Mr. Kalyan Pal	Assistant Professor
34	Mr. Rachit Patel	Assistant Professor
35	Ms. Sugandh Gupta	Assistant Professor
36	Mr. Suneel Kr. Agrawal	Assistant Professor

Research Data from 2018 to 2022

1. **Arya S.K**., Chhina MK, Choudhary R, Dua V, Singh K.,"Growth of different nanocrystalline phases in $ZnO–Li_2O–B_2O_3–TiO_2–V_2O_5$ glass and their effect on photoluminescence and photocatalytic activity", Ceramics International (Elsevier) 48 (14), 20619-20626 , Volume 48, Issue 14, , Pages 20619-20626, 15 July 2022.

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