CURRICULUM -VITAE

DR.PAWAN KUMAR PANEY

(Asst. Professor, Department of Computer Science)

Digvijay Nath P.G College Gorakhpur

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Personal Detail-

Father's Name	: Col Ram Mohan Pandey (Retd. Army Officer)
Mother's Name	: Smt Priyambada Pandey (House Wife)
Date of Birth	: 15 August 1981
Sex	: Male
Marital Status	: Married
Language Known	: Bhojpuri, Hindi and English.
Address	: H.No 503P,Gayatri Nagar, Kunraghat Gorakhpur(U.P)

Education-

PhD	Relative Performance Issues in Distributed Real-Time Database Computer Science & Engineering	2024
M.Tech	Information Technology	2010
MCA	Master in Computer Application	2008
ADCA	Advance Diploma in Computer Application	2008
BCA	Bachelor in Computer Application	2005

Teaching & Administrative Experience –

Head Of Department	Department of Computer Science, Digvijay Nath P.G. College Gorakhpur	Jan 2018 to Till Date
Assistant Professor	Department of computer science, Digvijay Nath P.G. College Gorakhpur	July 2011 to Till Date
Convener	EDP Cell, Digvijay Nath P.G. College Gorakhpur	July 2015 to Till Date
Convener	Network Administrator Cell, Digvijay Nath P.G. College Gorakhpur	July 2015 to Till Date
Convener	Placement Cell, Digvijay Nath P.G. College Gorakhpur	July 2013 to Till Date
Convener	Institutional Development Cell, Digvijay Nath P.G. College Gorakhpur	July 2021 to Till Date
Nodal Officer	AISHE, Digvijay Nath P.G. College Gorakhpur	July 2021 to Till Date
Member	Institutional Innovation Cell, Digvijay Nath P.G. College Gorakhpur	July 2023 to Till Date
Member	Admission Committee, Digvijay Nath P.G. College Gorakhpur	July 2012 to Till Date
Member	IQAC, Digvijay Nath P.G. College Gorakhpur	July 2012 to Till Date
Member	Proctorial Board, Digvijay Nath P.G. College Gorakhpur	July 2012 to Till Date
Assistant Centre Superintendent	University Examination , D.D.U. Gorakhpur University Gorakhpur.	2016-17, 2017-18 & 2022-23 , 2023-24
Assistant Centre Superintendent	Government Competitive Examinations	From 2018 to Till Date
Officer	NSS, Digvijay Nath P.G College Gorakhpur	2016-17 & 2017-18
Member	Library Committee, Digvijay Nath P.G College Gorakhpur	2014-15 & 2015-16
Member	Cultural Committee, Digvijay Nath P.G College Gorakhpur	2016-17 & 2017-18

Project Undertaken and Guided to Students –

- Database System for INCOME-TAX using C.
- Database for School Management in java
- Database for Library Management using C++,Java.
- Client Server Model using Java.
- Online Job Portal in Asp.Net, Oracle.
- Online Career counseling using java.

Published articles in national and international Journals

S.No.	Titles of Paper	Name of Journal & ISSN No.	Date of Publications & Vol. Issue No.
1	Protocol For Dynamic Replication In Real-Time Distributed Database	Webology (ISSN: 1735-188X) **SCOPUS**	Volume 17, No. 3, 2020
2	Processing Mobile Transactions In MDRTDBS (Mobile Distributed Real-Time Database Systems)	Journal of Namibian Studies ISSN: 2197-5523 (online) **SCOPUS**	Vol 30 (2021): Special Issue 1
3	Leveraging AI To Enhance The Efficiency And Effectiveness Of Real-Time Big Data Processing And Analytics In Databases	Journal of Namibian Studies ISSN: 2197-5523 (online) **SCOPUS**	Vol 32 (2022)
4	ENHANCING DATABASE SYSTEMS WITH NLP CAPABILITIES TO ALLOW USERS TO INTERACT WITH DATABASES USING NATURAL LANGUAGE QUERIES	International Journal of Applied Engineering & Technology ISSN: 2633-4828 **SCOPUS**	Vol. 5 No. S6, (Oct-Dec) 2023
5	Modern Database Management Systems and Organizational Strategies	International journal of food and nutritional sciences (IJFANS) & 2320-7876 **UGC Care List**	01/07/2022 Volume 11, Iss 4
6	"Growing impact of Distributed Computing and Distributed Database"	International Journal of New Media Studies & 2394-4331	06/02/2023 Vol 10 Iss 1
7	Replication techniques used to improve availability and fault tolerance in distributed DBMS.	International journal of research in IT and management (IJRIM) & 2231-4334	08/08/2019 Vol. 9 Iss 8
8	Query optimization techniques in database management system	International journal of research in engineering and applied sciences (IJREAS)) & 2249-3905	01/09/2018 Vol. 8 Iss 9
9	Distributed machine learning with database management system.	International Journal of research in Economics and Social Science & 2249-3905	01/11/2017 Vol 7, Issue 11
10	Study on Distributed Real-Temporal Image Processing System	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/06/2021 Vol. 15 issue 1
11	Study on a Replicated and Distributed Real-Time Database	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/06/2022 Vol 17 issue 1

12	Role of DBMS In Supporting Recommendation Systems by Storing and Processing User Preference Data	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/12/2016 Vol 6 issue 1
13	Study the Process of System Analysis and Design Applied To DBMS	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/12/2015 Vol 4 issue 1
14	Role of DBMS In Supporting Data Science Workflows, Including Data Preprocessing	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/12/2014 Vol 2 issue 1
15	Advanced Drill Data Management Solutions Market: Growth and Forecast	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/06/2014 Vol 1 issue 1
16	Distributed operating system and infrastructure for scientific data management	International Journal of Advanced Research in Management and Social Sciences & 2278-6244	01/10/2012 Vol 1 issue 4
17	Data management in cloud environments	International Journal of Advanced Research in Management and Social Sciences & 2278-6236	01/08/2012 Vol 1 issue 2
18	Privacy Concerns in Social Media	International Advance Journal of Engineering, Science and Management (IAJESM) & 2393-8048	01/12/2023 Vol 20 issue Special. Edition

National & International Conference participation with paper presentation-

S.No	Organized By	Title of Presentation	Date
1	Kaaf University College,Ghana (West Africa) , IISE, Lucknow & Science Tech Institute,Lucknow,UP,India	Role of AI and Multidisciplinary Research in shaping sustainable future	11-12 Jan 2024
2	IAJESM & Sushant University,Haryana	Privacy concerns in Social Media	28-29 Oct 2023
3	Digvijay nath P.G College Gorakhpur & Science Tech Institute Lucnow,U.P	Information Technology – Based Data management in Retail	7-9 April 2023
4	IAJESM & Sant Shri Prannath Parnami Teachers training College Padampur	Research Trends Scope of Computer Education	26 June 2022
5	IAJESM & Maharaja Aggresen College,Suratgarh,Rajasthan	New Vista in Computer Revaluation	23-24 Oct 2021
6	IAJESM & Sant Shri Prannath Parnami	Recent Innovation in Science	23 August 2020

	Teachers training College Padampur	Based Performance Issues of Real Time Database	
7	IAJESM & Sant Shri Prannath Parnami Teachers training College Padampur	Learning Technology relative to real time database	15 Dec 2019
8	IAJESM & Sri Vinayak Mahavidhyalay , Sri Vijaynagar ,Rajasthan	Computer oriented NEP in India	23 May 2019
9	Shradha Educational Academy ,Sri Ganganagar	India is IT hub related to Computer Education	17 June 2018
10	IAJESM & Sri Vinayak Mahavidhyalay , Sri Vijaynagar ,Rajasthan	Basic Computer knowledge in India must require	11 June 2017
11	IAJESM & Sri Vinayak Mahavidhyalay , Sri Vijaynagar ,Rajasthan	India can build best technology hub through performing Computer Knowledge	8 May 2016
12.	IAJESM & Sri Vinayak Mahavidhyalay , Sri Vijaynagar ,Rajasthan	Technology can be made India proud	14 June 2015

Participation in Faculty Development Program -

S.No	Organized By	Topic	Date
1	Digvijay nath P.G College Gorakhpur & Science Tech Institute Lucnow,U.P	Advanced Researched Methodology on Data Analytics	22-28 June 2023
2	National Intellectual Property Awareness Mission,India	IP awareness/Training program	28 Feb 2023
3	Digvijay nath P.G College Gorakhpur & Science Tech Institute Lucnow,U.P	Advanced Research Methodology applicable in NEP	22-28 June 2022

Workshop Organized as Convener-

S.No	Organized By	Topic	Date
1	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Use of Digital Platform for Education	14-20 Feb 2022
2	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Use of ICT to make learning more effective	22-01 April 2019
3	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Computer Awareness & DigitalApplications	06-12 Feb 2018
4	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Seven C's of Communication Skill	15 Nov 2017

5	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Role of Youth in Primary Education	02 Nov 2017
6	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Fundamental of MS Power-point & MSExcel	08-14 Aug 2016
7	Department of Computer Science, Digvijay Nath P.G college Gorakhpur	Application of Computer in Education	19-25 Jan 2014

NAAC Support:

Type of support	University/Institution	Grade Secured
Advisor	D.D.U. Gorakhpur University, Gorakhpur	A++
Advisor	Chhatrapati Sahuji Maharaj Kanpur University,Kanpur	A++
Advisor	Kisan P.G. College Ratsar ,Ballia	A
Advisor	Pranveer Singh Intitute of Engineering College,Kanpur	A+
Advisor	Chandrakanti Ramawati Arya Mahila P.G. College Gorakhpur	In Process
Advisor	SGPGI Lucknow	In Process
Advisor	AIHE Kanpur	In Process

Books Edited:

S.No	TITLE	Co-Editor	Publisher & ISBN No.	Year
1.	Quality Management in Higher Education Institutions	PAWAN KUMAR PANDEY	Maharana Pratap P.G. College Jangal Dhusan, GKP 978-81-929457-0-5	2016
2.	Placement Essentials for Higher Education Students	PAWAN KUMAR PANDEY	Swaranjali Publications 978-93-54705-86-1	2022

Edited in Chief-

Designation	Publication	ISSN No	Member Duration
Assistant Chief Editor of Computer Science	International Journal of Engineering, Science and Management (IAJESM)	2393-8048	01 May 2014 Till Date

Reviewer of high impact Journals-

- Reviewer of Journal of International Journal of Engineering, Science and Management (IAJESM, Impact factor **(SJIF) =7.938)**

Editor of e-content -

S.No	Topic	Subject	Online Platform
1	Operating System Concepts	Computer Science	U.P Digital Library
2	Discrete Mathematics	Computer Science	U.P Digital Library
3	Principal of Mathematics	Computer Science	U.P Digital Library
4	Computer Network	Computer Science	U.P Digital Library
5	Data Communication and computer Network	Computer Science	U.P Digital Library

Honors and Awards-

S.No.	Title of Award/fellowship	Agency	Award Type & Year
1	BEST INNOVATION AWARD	International Advance Journal of Engineering, Science & Management	International Level 2018
2	BEST TEACHER AWARD	Maharana Prata Shiksha Parishad Gorakhpur	State Level 2020
3	BEST TEACHER AWARD	UP Higher Education	State Level 2021
4	BEST YOUNG FACULTY AWARD	Science Tech Institute Luckhnow	National 2023
5	BEST PAPER AWARD	International Advance Journal of Engineering, Science & Management	International 2023
6	GLOBAL FACULTY AWARD	Cut Edge Technolgy and Solutions Pvt Ltd.	International 2023

Patent -

Certificate of Registration for a UK Design	Design Number: 6333906	Grant Date: 04 January 2024	Smart Device for Detecting and Preventing on Network Intrusion
Indian Patent Advanced Search System	Application Number: 202411014857	Publication Date: 08.03.2024	AI Based Digital Educational tool to enhanced language learning platform using NLP and deep learning
Intellectual Property India	Design Number: 424994-001	Grant Date: 22.10.2024	Interactive Social Media Engagement Device for Brand Promotion
Intellectual Property India	Design Number: 425787-001	Grant Date: 20.11.2024	AI Based Data Processing and Analysis Device

Seminar /workshop/Guest lecture attended-

S.No	Date	Topic	Organized By	Type of Program
1.	09 April 2014	Quality Assurance in Higher Education : Challenges & Effort	IQAC	workshop
2	09-10 Feb 2015	Rovers Rangers Meet	Rovers & Rangers	02 Days Meet
3	06-07 Nov 2015	Globalization & Indian Agriculture : Perspective & prospects	Dept. of Economics & ICSSR	02 Days National Seminar
4	08-14 Aug 2016	Fundamental of MS Power-point & MS Excel	Dept. of CS & IQAC	07 Day Workshop
5	06 October 2016	India's Foreign Policy : Indo-Nepal Relations	Dept. of Defence Studies & ICWA New Delhi	National Seminar
6	17-18 Oct 2016	Role of Women in Rural Economic Development	Dept. of Economics & UGC	02 Days National Seminar
7	20-21 Oct 2016	Quality Management in Higher Education Institutions	IQAC & NAAC Bangalore	02 Days National Seminar
8	25 Oct 2016	Workshop on Digital India	Ministry of Electronics & Inf. Tec. Govt. of India	workshop

9	26 Oct 2016	Introduction to Differential equation	Dept. of Math's	Guest Lecture
10	22 July 2017	Workshop on GST	DDU Gorakhpur University	Workshop
11	06 October 2017	Stem cells in Regenerative Medicine	Dept. of Zoology	Workshop
12	25 October 2017	Plant : Power of the mother earth planet	Dept. of Botany	Workshop- Technical Support
13	23-24 March 2018	Role of Cooperation in Rural Economic Development	Dettt. of Economics & Higher Education Deptt. UP	02 Days National Seminar
14	25-26 March 2018	Advances in Health and Well-being Research	Dettt. of Psychology & Higher Education Deptt. UP	02 Days National Seminar
15	16 Sept 2018	Yoga for Social Health	IFYP, New Delhi & DNPG College	National Seminar
16	24 December 2018	Listening Skill	Placement Cell	Guest Lecture
17	22 April 01 May 2019	Use of ICT to make learning more effective	CS Deptt. & IQAC	10 Days Workshop – Convener
18	06 August 2019	otln o "t7.t vxzoty : 0;Ic5uRo ,o d`frRo	m-iz- fgUnh laLFkku ,o xksj[kukFk lkfgfR;d dsUnz	l˙xt`'Bh-lnL;
19	09-10 Feb 2020	Rovers & Rangers meet	Rovers & Rangers	02 Days Meet
20	03 June 2020	COVID 19 Challenges and Perspective	Deptt. Of Botany	One Day International Webinar – Technical Support
21	08-14 June 2020	How to Develop Effective e-learning content	Deptt. Of CS	07 Days Workshop
22	21 June 2020	Yoga at Home & Yoga with Family	Ministry of Ayush, Govt. of India	International Yoga day
23	23-25 June 2020	Survival with Covid-19	Deptt. Of Chemistry	02 Days International webinar – Technical Support

24	20-26 July 2020	ICT Learning and E- content development	IQAC & Placement Cell, RML University, Ayodya	07 Days Workshop
25	27-8 July 2020	orZeku lkekftd ifjizs{; vk¡j egkRek xkW/kh	,e-ih-ih-th dkyst] taxy /kw1M+	nk¡s fnolh; 7T'V¾h; 1 xT'Bh
26	01 August 2020	jke eafnj fuek.k : loksŭp U;k;ky; dk fu.kZ; , o¼ ,sfrgkfld ifjizs{;	,e-ih-ih-th dkyst] taxy /kw1M+	7T'V¾h; 1 xT'Bh
27	07-08 September 2020	Implementation of National Education Policy -2020 in Higher Education	Dept. Of B.Ed.	02 Days National webinar – Technical Support

Responsibilities performed in different Institutions-

S.No	Responsibilities in Different Institutions
1.	Member, Academic and Administrative Audit organized by Chandrakanti Ramawati Arya Mahila P.G College, Gorakhpur on 12 & 13 Feb 2024.
2.	Chief Speaker, Guest Lecture Organized by Dept of Student welfare, Chandigarh University on 6 & 7 Feb 2024.
3.	Chairperson, International conference organized by IAJESM & Asha Girls College, Panihar Chack (Hisar) on 27-28 Jan 2024.
4.	Chief Speaker,Workshop Organized by Chandrakanti Ramawati Arya Mahila P.G College,Gorakhpur on 06 Jan 2024.
5.	Chief Speaker, Workshop organized by Buddha P.G. College Ratasia Kothi,Deoria on 16 Dec 2023.
6	Chairperson, International Conference organized by IAJESM & SMC ,Rajkiye Uchch Prathmik Vidalya, 1-LNP, Sadulshahar, Sri Ganganagar
7.	Chief Speaker,Lecture Series organized by Sri Gorakshnath Sanskritvidhyapeeth Snatakottar mahavidhyalay,Gorakhpur on 03 August 2023.
8.	Chief Speaker, Workshop Organized by Balaji Academy Gorakhpur on 04 July 2023.
9.	Chief Speaker ,Workshop oraganized by IQAC, M.P.P.G Jungle Dhusan, Gorakhpur in 8

	March 2023.
10.	Chief Speaker, Workshop Organized by Chandrakanti Ramawati Arya Mahila P.G College, Gorakhpur on 01 March 2023.
11.	Chief Speaker , Workshop oraganized by IQAC, M.P.P.G Jungle Dhusan, Gorakhpur in 5 Jan 2023.
12.	Chief Speaker, Workshop Organized By M.G. P.G College Gorakhpur on 13 September 2022.
13.	Chief speaker, Seminar Organized by Balaji Academy Gorakhpur on 04 September 2022.
14.	Chief Speaker, workshop organized by Kisan P.G college Ballia on 20 & 21 June 2022.

Summary of Skills-

- Composed, innovative and creative.
- Store house of fresh ideas and a keen learner who believes in team work and co-operation in an organization
- Profound knowledge of various computer applications and ability to solve the technical problems.
- Excellent communication and written skills as well as ability to motivate the students.
- Ability to provide the best practices to make the students expert in using computer.
- Capacity to solve the problems pertaining to the computer programs
- Elaborative approach as well as analytical attitude.

- Ability to research on the various computer applications.
- Ability to provide support to the students and good organizational skills.

Professional Summary-

Studied and dignified computer science professor with established following and thorough discipline in the practice of programming looking for new academic opportunities. Have been involved in the development and launch of pioneering research and interdisciplinary programs for students.

Dr. Pawan Kumar Pandey