



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in>)

## Patent Search

Invention Title	AN ANALYTICAL STRATEGY FOR ENHANCING THE WORK ENVIRONMENT THROUGH THE USE OF APPLICATION PROGRAMMING INTERFA HUMAN RESOURCE MANAGEMENT SYSTEMS
Publication Number	22/2023
Publication Date	02/06/2023
Publication Type	INA
Application Number	202321028563
Application Filing Date	19/04/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	A61K 090000, G06F 095000, G06F 095400, G06Q 100600, G06Q 101000

### Inventor

Name	Address	Country
Professor Dr. Aftab Anwar Shaikh	Professor and Principal Poona College of Arts, Science and Commerce, Camp Pune Pin: 411001 Maharashtra India	India
Dr.Anil Adsule	Principal St.Vincent College of Commerce, Behind Mira Society , Off Shankar Seth Road , Pune Pin:411037 Maharashtra India	India
Dr.Reena Poojara	Assistant Professor Atharva Institute Of Management Studies. Mumbai - Malad Marve Road, Charkop Naka,Malad west Pin: 400095 Maharashtra India	India
Dr. Sanjay Kumar Singh	Professor of English Department of Humanities, OP Jindal University, Raigarh Pin:496109 Chhattisgarh India	India
Dr. K.RajaRajeswari	Associate Professor Nehru Arts and Science College, Coimbatore Pin: 641105 Tamil Nadu, India	India
Ms. Vrindha A	Assistant Professor, Department of Commerce, Nehru Arts and Science College, Coimbatore Pin: 641105 Tamil Nadu, India	India
Mr. Vangeti Suryaprakash Reddy	ASSISTANT PROFESSOR INSTITUTE OF AERONAUTICAL ENGINEERING COLLEGE DUNDIGAL HYDERABAD MEDCHAL Pin: 501401 TELANGANA INDIA	India
Mr. Mohammad Manzoor Hussain	Assistant Professor Department of Computer Science and Engineering B V Raju Institute of Technology, Narsapur, Medak, Pin: 502313 Telangana India	India
Dr.V.RATHNAMANI	Assistant Professor in Commerce Aided National College (Autonomous), Tiruchirapalli, Pin:620001 TamilNadu India	India
Dr.M.A.PARVEEN BANU	Assistant Professor in Commerce ( Aided) National College ( Autonomous) Tiruchirapalli Pin: 620 001 Tamilnadu India	India
Dr. K.Sivaperumal	Assistant Professor Faculty of Science and Humanities, SRM Institute Of Science and Technology SRM Nagar, Kattankulathur, Chennai Pin: 603203 TamilNadu India	India
Dr. Harikumar Pallathadka	Director and Professor Manipur International University, Ghari, Imphal, Imphal West, Imphal Pin: 795140 Manipur India	India

### Applicant

Name	Address	Country
Professor Dr. Aftab Anwar Shaikh	Professor and Principal Poona College of Arts, Science and Commerce, Camp Pune Pin: 411001 Maharashtra India	India
Dr. Anil Adsule	Principal St. Vincent College of Commerce, Behind Mira Society, Off Shankar Seth Road, Pune Pin: 411037 Maharashtra India	India
Dr. Reena Poojara	Assistant Professor Atharva Institute Of Management Studies. Mumbai - Malad Marve Road, Charkop Naka, Malad west Pin: 400095 Maharashtra India	India
Dr. Sanjay Kumar Singh	Professor of English Department of Humanities, OP Jindal University, Raigarh Pin: 496109 Chhattisgarh India	India
Dr. K. Raja Rajeswari	Associate Professor Nehru Arts and Science College, Coimbatore Pin: 641105 Tamil Nadu, India	India
Ms. Vrindha A	Assistant Professor, Department of Commerce, Nehru Arts and Science College, Coimbatore Pin: 641105 Tamil Nadu, India	India
Mr. Vangeti Suryaprakash Reddy	ASSISTANT PROFESSOR INSTITUTE OF AERONAUTICAL ENGINEERING COLLEGE DUNDIGAL HYDERABAD MEDCHAL Pin: 501401 TELANGANA INDIA	India
Mr. Mohammad Manzoor Hussain	Assistant Professor Department of Computer Science and Engineering B V Raju Institute of Technology, Narsapur, Medak, Pin: 502313 Telangana India	India
Dr. V. RATHNAMANI	Assistant Professor in Commerce Aided National College (Autonomous), Tiruchirapalli, Pin: 620001 Tamil Nadu India	India
Dr. M. A. PARVEEN BANU	Assistant Professor in Commerce (Aided) National College (Autonomous) Tiruchirapalli Pin: 620 001 Tamil Nadu India	India
Dr. K. Sivaperumal	Assistant Professor Faculty of Science and Humanities, SRM Institute Of Science and Technology SRM Nagar, Kattankulathur, Chennai Pin: 603203 Tamil Nadu India	India
Dr. Harikumar Pallathadka	Director and Professor Manipur International University, Ghari, Imphal, Imphal West, Imphal Pin: 795140 Manipur India	India

#### Abstract:

AN ANALYTICAL STRATEGY FOR ENHANCING THE WORK ENVIRONMENT THROUGH THE USE OF APPLICATION PROGRAMMING INTERFACES AND HUMAN RESOURCE MANAGEMENT SYSTEMS Abstract: In the big data environment, we develop personalized information of college libraries based on big data from three aspects: the overall architecture of the system model, the functional model of the system, and the design of system interface modules according to the design principles and requirements of a personalized information service system of the university library Service system design. In terms of the functional design of the platform, the service platform is divided into three levels: accurate identification of user needs based on big data, personalized customized services based on artificial intelligence, academic research and discussion supported by integrated media, and fine-grained subject resource aggregation based on knowledge. On this basis, a centralized model of individualized services of university libraries is constructed. Internal and external personnel, information resources, technology, services, processes, platforms, and environment have been constructed. Artificial intelligence (AI) is an emerging trend and application in libraries. It involves programming computers to do things, which if done by humans, would be said to require the ultimate promise of artificial intelligence in libraries is to develop computer systems or machines that think, behave, and in fact rival human intelligence, and this has clear implications on librarianship. The application of artificial intelligence in the library has become pervasive. They include expert systems for reference services, book recommendation systems, shelf-reading robots, virtual reality for immersive learning among others. Although the incorporation of artificial intelligence in libraries can be perceived to alienate librarians from their users, it will probably help libraries do more rather than taking over the jobs of librarians. It will enhance their services delivery. Artificial intelligence will greatly improve library operations and services and will upgrade and heighten the relevance of libraries in an ever-changing digital society. A human resource management system (HRMS) is a variety of HR software that facilitates the management of various HR functions through the application of information technology. By automating formerly manual HR functions, a Human Resource Management System (HRMS) enables a company to be more productive and effective as a whole. Consequently, the HR department has more time to focus on other responsibilities. With more time and resources, human resource managers can concentrate on the organization's most crucial long-term objectives. Human resource management systems (HRMS) frequently incorporate all components of human resource information systems (HRIS), including those pertinent to human capital management. Monitoring time and attendance and processing payroll are two of the most popular HRMS features.

#### Complete Specification

##### Description: Descriptions:

As a consequence of scientific and technological advancements, computer science and network technology are experiencing rapid expansion. The computer has become an indispensable part of modern existence in countless ways. As a venue for business competition, the network will soon surpass the market in importance. There has been a transition in recent years towards a more laid-back approach to business administration. The availability of qualified individuals determines a company's ability to accomplish long-term objectives and ensure its survival and growth. As the human resources department continues to address the issues brought on by the enterprise management system transformation, competition for talent has emerged as a new front. Companies can only set themselves apart from the competition if they excel at administering the talents of their employees. Due to their reliance on manual processes, traditional systems of human resource management have a number of issues, such as decreased labour efficiency, limited data, delayed updates, dispersed resources, and inadequate sharing. Manual human resource management cannot satisfy the supply and demand for human resources in organisations with diverse structural configurations. The design and development of a Human Resource Management System (HRMS) is essential for enhancing a company's informatization, market competitiveness, and talent retention and absorption. In many enterprises, human resources (HR) departments are now represented by virtual platforms rather than individuals. Human resource management is enduring a significant transformation due to the use of web-based applications and technological advancements. Human resources are now a standard benefit in nearly all organisations. The desire to reduce costs while simultaneously enhancing or enhancing services is a common motivation for such enhancements. Recent research indicates that businesses with an effective HR technology implementation have a higher rate of profitability. Since the majority of organisations have already automated the most fundamental aspects of HR administration, automating HR operations alone will no longer provide you with a competitive advantage. Instead, businesses must determine how to promote their

[View Application Status](#)

