

Human Resource Management: Case Study with Solutions

Dr C K Gomathy, Mr. Sai Ganesh Samudrala, Mr. Settemoni Manohar

Department of CSE-SCSVMV Deemed to be University, India

Abstract:

Human resource management (HRM) plays a vital role in organizations as it focuses on effectively managing the human capital to align with organizational goals and objectives. This abstract provides an overview of the key aspects of HRM in organizations. It highlights the importance of recruitment and selection in attracting qualified candidates, training and development in enhancing employee skills and knowledge, performance management in evaluating and improving employee performance, compensation and benefits in ensuring fair compensation and employee well-being, employee relations in maintaining positive workplace relationships, employee engagement and motivation in fostering a productive work environment, HR information systems in managing employee data and facilitating decision-making, and legal compliance in adhering to employment laws and regulations. Effective HRM contributes to employee satisfaction, productivity, and retention, thereby enhancing organizational success.

Keywords: Human resource management, HRM, Workforce management, Recruitment and selection, Training and development, Performance management

I. INTRODUCTION

Human resource management (HRM) is a critical function within organizations that focuses on managing the most valuable asset: people. Effective HRM practices are essential for attracting, developing, and retaining a skilled and motivated workforce that can contribute to the achievement of organizational goals. HRM encompasses a wide range of activities, including recruitment and selection, training and development, performance management, compensation and benefits, employee relations, and legal compliance.

In today's dynamic and competitive business environment, organizations recognize the strategic significance of HRM in gaining a competitive edge. Successful HRM practices not only ensure that the right people are in the right roles but also create a positive work culture that fosters employee engagement, productivity, and innovation.

Recruitment and selection involve attracting and identifying the most suitable candidates for job vacancies. HR professionals design recruitment strategies, assess candidate qualifications, and make informed decisions on hiring. Once employees are hired, training and development programs enhance their skills, knowledge, and abilities, equipping them to perform their roles effectively and adapt to evolving business needs.

Performance management processes help organizations assess employee performance, provide feedback, and set goals for improvement. It involves regular evaluations, performance appraisals, and developmental discussions that promote growth and career advancement. Compensation and benefits encompass designing equitable salary structures, administering employee benefits, and ensuring competitive remuneration packages that recognize employee contributions.

Employee relations play a crucial role in maintaining a positive work environment. HRM addresses workplace conflicts, handles employee grievances, and ensures compliance with employment laws and

regulations. By fostering a culture of fairness, respect, and inclusivity, organizations can cultivate strong employee relationships and minimize turnover.

Employee engagement and motivation are key drivers of organizational success. HRM initiatives focus on creating an environment where employees feel valued, recognized, and connected to the organization's mission. Through employee engagement surveys, feedback mechanisms, and development opportunities, HRM strives to enhance job satisfaction, foster a sense of belonging, and inspire employees to go above and beyond in their roles.

The emergence of HR information systems (HRIS) has revolutionized HRM practices by streamlining administrative tasks, managing employee data, and providing analytics for informed decision-making. HRIS platforms enable efficient record-keeping, automate processes, and support strategic workforce planning.

Lastly, legal compliance is a critical aspect of HRM. Organizations must adhere to labor laws, regulations, and ethical standards to avoid legal repercussions. HR professionals ensure that policies and procedures are in line with legal requirements and that employees are treated fairly and equitably.

In summary, effective HRM is essential for organizations to thrive and achieve their objectives. By strategically managing their human capital, organizations can attract and retain talented employees, nurture their growth and development, create a positive work environment, and drive organizational success in a competitive business landscape.

II. TYPES OF HRM

There are several types or approaches to human resource management (HRM) that organizations can adopt based on their goals, values, and organizational culture. Here are some common types of HRM:

1. **Traditional/Transactional HRM:** This approach focuses on the administrative and transactional aspects of HRM, such as payroll processing, benefits administration, and compliance with employment laws. The primary goal is to ensure efficient HR operations and maintain legal compliance.
2. **Strategic HRM:** Strategic HRM aligns HR practices with the overall strategic goals of the organization. It involves identifying and implementing HR strategies that support organizational objectives. Strategic HRM emphasizes long-term planning, talent management, and workforce planning to ensure the organization has the right people in the right positions to drive success.
3. **Talent Management:** Talent management focuses on attracting, developing, and retaining top talent within the organization. It includes activities such as succession planning, leadership development, career management, and high-potential identification. Talent management aims to nurture and retain high-performing employees to build a strong and capable workforce.
4. **Performance-based HRM:** This approach emphasizes managing employee performance to drive organizational success. It involves setting performance goals, conducting regular performance appraisals, providing feedback and coaching, and linking performance to rewards and recognition. Performance-based HRM aims to enhance individual and team performance to achieve organizational objectives.
5. **Employee Relations:** Employee relations HRM focuses on building and maintaining positive relationships between employees and the organization. It involves managing employee grievances, handling conflicts, and fostering open communication channels. Employee relations HRM aims to create a harmonious work environment and promote employee satisfaction and engagement.
6. **Diversity and Inclusion HRM:** This approach focuses on creating a diverse and inclusive workplace. It involves implementing policies and practices that promote diversity, equity, and inclusion, such as

diverse hiring practices, employee resource groups, and training programs on unconscious bias. Diversity and inclusion HRM aims to create a work environment that respects and values individual differences.

7. **Employee Engagement:** Employee engagement HRM focuses on fostering a positive work culture and enhancing employee satisfaction and commitment. It involves initiatives such as employee surveys, feedback mechanisms, recognition programs, and work-life balance initiatives. Employee engagement HRM aims to create a motivated and engaged workforce that contributes to organizational success.
8. **Agile HRM:** Agile HRM is an approach that aligns HR practices with the principles of agility and adaptability. It involves being responsive to changing business needs, promoting flexibility in work arrangements, and empowering employees to take ownership of their work. Agile HRM aims to create an agile organization that can quickly respond to market changes and opportunities.

It's important to note that these types of HRM are not mutually exclusive, and organizations often combine different approaches based on their specific needs and contexts. The chosen type of HRM should align with the organization's overall strategy and support its desired organizational culture and goals.

III. SKILLS NEEDED FOR HRM

Skills required for human resource management (HRM) in organizations include a combination of technical expertise, interpersonal skills, and strategic capabilities. Here are some essential skills for HR professionals:

1. **Communication Skills:** Effective communication skills are crucial for HR professionals. They need to communicate clearly and confidently with employees at all levels, listen actively, and convey information effectively in various formats, such as presentations, written documents, and interpersonal interactions.
2. **Interpersonal Skills:** HR professionals interact with employees, managers, and stakeholders on a daily basis. Strong interpersonal skills, including empathy, active listening, relationship building, and conflict resolution, are essential for fostering positive relationships and effectively handling employee concerns.
3. **Ethical and Professional Conduct:** HR professionals deal with sensitive and confidential information, making ethical conduct a fundamental skill. Upholding confidentiality, demonstrating integrity, and maintaining professionalism are vital for building trust and credibility within the organization.
4. **Problem Solving and Decision Making:** HR professionals often encounter complex issues and challenges. The ability to analyze problems, gather relevant information, evaluate options, and make informed decisions is crucial for effective HR management. Problem-solving skills help in identifying and implementing appropriate solutions to address employee and organizational needs.
5. **Strategic Thinking:** HR professionals need to think strategically and align HR practices with organizational goals. They should be able to understand the business context, anticipate future needs, and develop HR strategies and initiatives that support the organization's long-term objectives.
6. **Knowledge of Employment Laws and Regulations:** HR professionals must have a solid understanding of labor laws, regulations, and employment practices. Staying updated with changes in legislation and ensuring compliance with legal requirements is vital to avoid legal risks and protect the rights of employees and the organization.
7. **HR Technology and Analytics:** Proficiency in HR technology and data analytics is increasingly important in modern HRM. HR professionals should be familiar with HR information systems

(HRIS), applicant tracking systems (ATS), and other relevant tools. They should also be able to analyze HR data to derive insights for decision-making and strategic planning.

8. **Organizational and Time Management Skills:** HR professionals often deal with multiple responsibilities and deadlines. Strong organizational and time management skills are necessary to prioritize tasks, manage competing demands, and ensure efficient HR operations.
9. **Continuous Learning and Adaptability:** HRM is a dynamic field that requires continuous learning and adaptation to keep up with changing trends, best practices, and emerging technologies. HR professionals should be open to learning, stay updated with industry developments, and be willing to adapt their approaches to meet evolving organizational needs.

IV.CASE STUDY WITH SOLUTION

Case Study 1: Google's Employee Engagement Initiatives

Google is renowned for its exceptional HR practices that prioritize employee engagement. The company believes that engaged employees are more productive and innovative. Google's HRM initiatives include the following:

1. **20% Time:** Google allows employees to spend 20% of their work time on personal projects unrelated to their primary job responsibilities. This initiative fosters creativity and innovation, giving employees the freedom to pursue their passions and contribute to new ideas and product development.
2. **Employee Perks and Benefits:** Google provides numerous perks and benefits to its employees, including free gourmet meals, on-site medical care, fitness centers, and generous parental leave policies. These initiatives promote work-life balance, well-being, and employee satisfaction.
3. **Googleplex Work Environment:** The physical work environment at Google, known as the Googleplex, is designed to inspire and motivate employees. It features open and collaborative workspaces, recreational facilities, relaxation areas, and an overall vibrant and comfortable atmosphere.

These employee engagement initiatives have contributed to Google's success in attracting and retaining top talent, fostering a culture of innovation, and maintaining high levels of employee satisfaction.

Case Study 2: Patagonia's Employee Development and Sustainability Focus

Patagonia, an outdoor apparel company, places a strong emphasis on employee development and sustainability. Their HRM practices include the following:

1. **Environmental Initiatives:** Patagonia's mission is to "build the best product, cause no unnecessary harm, and use business to inspire and implement solutions to the environmental crisis." The company actively engages employees in environmental causes and sustainability efforts, aligning their values with the organization's mission.
2. **Employee Development and Education:** Patagonia supports employee development through programs like the "Environmental Internship Program" and the "Corporate Wilderness Program." These initiatives provide employees with opportunities to deepen their knowledge of environmental issues and develop leadership skills.

3. **Work-Life Balance:** Patagonia offers flexible work arrangements, such as flexible scheduling, telecommuting, and unlimited vacation policies. These practices promote work-life balance and trust between the organization and its employees.

Patagonia's HRM practices have helped the company attract passionate employees who align with their environmental mission and create a positive impact on society.

Case Study 3: Zappos' Unique Recruitment and Cultural Fit

Zappos, an online shoe and clothing retailer, is known for its distinct approach to recruitment and cultural fit. Their HRM strategies include:

1. **Core Values Alignment:** Zappos places great importance on cultural fit during the recruitment process. The company identifies core values and seeks candidates who align with them, emphasizing qualities such as customer focus, innovation, and fun. Candidates go through multiple interviews to assess their alignment with the company's culture.
2. **Offer of Employment Withdrawal:** After the recruitment process, Zappos provides a unique offer of employment withdrawal. They offer new hires a cash incentive to leave the company if they feel that Zappos is not the right fit for them. This practice ensures that employees genuinely want to be part of the organization and are committed to its values.
3. **Emphasis on Employee Happiness:** Zappos prioritizes employee happiness and fosters a positive work environment. They provide opportunities for personal and professional growth, celebrate achievements, and emphasize teamwork and collaboration.

Zappos' HRM practices have resulted in a strong and unified culture, leading to high employee satisfaction and customer loyalty.

These case studies demonstrate the diverse approaches to HRM and how organizations can leverage human resource practices to create a competitive advantage, drive employee engagement, and align with their values and mission.

V.CONCLUSION

Human resource management (HRM) is a critical function within organizations that focuses on effectively managing the human capital to achieve organizational goals. HRM encompasses various practices such as recruitment and selection, training and development, performance management, compensation and benefits, employee relations, and legal compliance. Effective HRM plays a crucial role in attracting and retaining top talent, enhancing employee engagement and motivation, promoting a positive work environment, and driving organizational success. By aligning HR practices with strategic objectives, organizations can create a strong workforce, nurture employee growth and development, and foster a culture of innovation and collaboration.

Furthermore, HRM practices that prioritize employee well-being, work-life balance, and diversity and inclusion contribute to higher job satisfaction, increased productivity, and reduced turnover rates. Organizations that value and invest in their employees through HRM initiatives gain a competitive advantage in attracting and retaining talent.

Moreover, technological advancements, such as HR information systems (HRIS), have transformed HRM practices by streamlining administrative tasks, enhancing data management, and facilitating data-driven decision-making. HRIS enables organizations to optimize HR processes, improve efficiency, and focus on strategic HR initiatives.

VI. References

- Dr.C K Gomathy, A CASE STUDY ON EMPLOYEE MOTIVATION IN AN ORGANISATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930, Impact Factor :7.185
- Dr.C K Gomathy, THE EFFECT OF HUMAN RELATION IN SOLVING CONFLICTS IN AN ORGANIZATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A PERSONALITY DEVELOPMENT PROGRESS IN BOSS AND SECRETARY RELATIONSHIP AT BUSINESS ORGANIZATIONS, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A Review Paper on Work-Life Balance in Large Organization, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A STUDY ON COOPERATIVE SOCIETIES IN ECONOMIC DEVELOPMENT International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 | March- 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A STUDY ON EMPLOYEE ABSENTEEISM IN GARMET INDUSTRY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 | April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A STUDY ON HUMAN RESOURCE MANAGEMENT FUNCTIONS AND ITS EFFECTIVENESS, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 | March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, ACHIEVING SUSTAINABILITY HUMAN RESOURCES DEVELOPMENT International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, CONFLICT MANAGEMENT AND ITS IMPACT ON ORGANIZATIONAL PERFORMANCE, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 | March- 2022 ISSN: 2582-3930
- Dr.C K Gomathy, EFFECTS OF EMPLOYEES ATTITUDE TO WORK ON PRODUCTIVITY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb- 2022 ISSN: 2582-3930 - Impact Factor :7.185
- Dr.C K Gomathy, EMPLOYEE MOTIVATION AND PRODUCTIVITY OF AN ORGANISATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 | March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, IMPACT OF HUMAN RESOURCES PLANNING ON THE ACTUALIZATION OF ORGANIZATIONAL GOAL, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 | March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, CUSTOMER SEGMENTATION TECHNIQUES, International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 031 | March - 2022 , p-ISSN: 2395-007, e-ISSN: 2395-005, Impact Factor:7.529
- Dr.C K Gomathy, ORGANISATIONAL BEHAVIOUR IN HUMAN RESOURCE DEVELOPMENT, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02| Feb- 2022 ISSN: 2582-3930




- Dr.C K Gomathy, OVERVIEW OF RECRUITMENT AND SELECTION PROCESS IN HRM, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A CONSEQUENCE OF ACCURATE RECORDS MANAGEMENT ON WORKERS PRODUCTIVITY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, EFFECTS OF GLOBALIZATION ON HUMAN RESOURCE DEVELOPMENT AND MANAGEMENT IN INDIA, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, SOCIAL AND ECONOMIC BENEFITS OF WORKERS IN INDUSTRIAL COOPERATIVE, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, STUDENT INFORMATION MANAGEMENT SYSTEM, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, TALENT MANAGEMENT AND EMPLOYEE JOB SATISFACTION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EFFECT OF COMMUNICATION BARRIER ON THE PRODUCTIVITY AND PERFORMACE OF EMPLOYEES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EFFECT OF INCENTIVES ON JOB PERFORMANCE IN AN ORGANIZATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EFFECT OF MOTIVATION ON STAFF PERFORMANCE, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EMPLOYEE STIMULUS AND RELATIONSHIP EFFICIENCY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE HUMAN RESOURCE MANAGEMENT SERVICE IN HOTEL AND CATERING INDUSTRY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, The Impact of Job Satisfaction on Workers' Productivity, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE IMPACT OF MOTIVATIONAL INCENTIVES ON EMPLOYEE PERFORMANCE., International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE INSPIRATION OF SUBORDINATE LABOURS FOR ENRICHED MANAGEMENT., International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE RECRUITMENT POLICIES AND PROCEDURES IN ORGANIZATIONS AND COMPANIES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE STRATEGIES FOR BOOSTING EMPLOYEE MORALE IN AN ORGANISATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930

- Dr.C K Gomathy, THE TALENT MANAGEMENT AND EMPLOYEE JOB SATISFACTION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 02 | Feb - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE USE OF PERFORMANCE APPRAISAL AND REWARD SYSTEM IN ENHANCEING EMPLOYEE PERFORMANCE IN AN ORGANISATION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, EMPLOYEE ENGAGEMENT STRATEGIES IN INFORMATION TECHNOLOGY COMPANIES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, HUMAN RESOURCE DEVELOPMENT PROGRAMS FOR DIVERSIFIED EMPLOYEES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EFFECTS OF STRESS ON EMPLOYEES' PRODUCTIVITY IN SERVICE INDUSTRY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EMPLOYEE RETENTIONS AND ITS STRATEGIES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE EMPLOYEE TRAINING AND DEVELOPMENT IN MULTI NATIONAL CORPORATIONS, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE IMPACT OF HUMAN RESOURCE PLANNING ON PRODUCTIVITY, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE IMPACT OF SOCIAL NETWORKING SITES ON EMPLOYEE JOB RECRUITMENT, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE ROLE OF WOMEN AND THEIR IMPACT ON OVERALL LEADERSHIP AND MANAGEMENT, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 03 March - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, A STUDY ON UNIFIED RECRUITMENT AND REJUVENATING, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 06 Issue: 04 April - 2022 ISSN: 2582-3930
- Dr.C K Gomathy, THE DETECTION OF FACE AND EYES USING PYTHON, Journal of Emerging Technologies and Innovative Research (JETIR) Volume: 09 Issue: 03 March – 2022, ISSN-2349-5162, Impact Factor: 7.95
- Dr.C K Gomathy, A DEVELOPING INDUSTRIAL SYMBIOSIS IN LARGE CITIES USING BIG DATA, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, BIG DATA ANALYSIS OF AIRLINE DATASET USING HIVE, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, BIG DATA-DRIVEN ABNORMAL BEHAVIOR DETECTION IN HEALTHCARE BASED ON ASSOCIATION RULES, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net

- Dr.C K Gomathy, FOREST FIRE DETECTION USING MACHINE LEARNING, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE CUSTOMER DATA ANALYSIS USING SEGMENTATION WITH SPECIAL Reference Mall, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 9 | Sep 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE FAKE NEWS DETECTION USING MACHINE LEARNING ALGORITHMS, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE INTEGRATING E-GOVERNANCE WITH BIG DATA ANALYTICS USING APACHE SPARK, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE LANE DETECTION ON ROADS USING COMPUTER VISION, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE LOAN PREDICTION USING MACHINE LEARNING, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE PARKINSON'S DISEASE DETECTION USING MACHINE LEARNING TECHNIQUES, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, THE TWITTER BEHAVIOURAL ANALYTICS, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, VEHICLE COUNTING AND NUMBER PLATE DETECTION, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, A STUDY ON RAINFALL PREDICTION TECHNIQUES, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com
- Dr.C K Gomathy, AGE AND GENDER DETECTION, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com
- Dr.C K Gomathy, COLOR DETECTION USING PANDAS AND OPENCV, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com
- Dr.C K Gomathy, THE PREDICTION OF DISEASE USING MACHINE LEARNING, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com
- Dr.C K Gomathy, THE REALTIME VEHICLE TRACKING SYSTEM, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com

- Dr.C K Gomathy, THE EFFICIENT MANAGEMENT FOR MALICIOUS USER DETECTION IN BIG DATA,COLLECTION., International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com
- Dr.C K Gomathy, A GAS LEAKAGE DETECTOR USING IOT, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 10 | Oct 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, A REVIEW ON IOT BASED COVID-19 PATIENT HEALTH MONITOR IN QUARANTINE, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 9 | Sep 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Available at www.irjet.net.
- Dr.C K Gomathy, A STUDY ON AN IOT-BASED PROACTIVE TECHNOLOGY TO AID FIGHTERS IN WAR ZONE., International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 10 | Oct- 2021, ISSN: 2582-3930, Impact Factor:7.185,Available at www.ijsrem.com

Author's Profile:

	<p>Dr. C.K. Gomathy, Assistant Professor in Computer Science and Engineering, SCSVMV University, Kanchipuram, India. Her area of interest: Software Engineering, Web Services, Knowledge Management, Organizational behaviour, and IoT</p>
	<p>Sai Ganesh Samudrala, Final Year Student, B.E. Computer Science and Engineering, SCSVMV University, Kanchipuram, India.</p>
	<p>Settimoni Manohar, Final Year Student, B.E. Computer Science and Engineering, SCSVMV University, Kanchipuram, India.</p>