



STUDENT INDUSTRIAL WORKING EXPERIENCE SHCEME

A TECHNICAL REPORT OF WORK DONE

HELD AT

MUDASHINNER RESOURCES VENTURE

PRESENTED BY

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ND/23/PAD/PT/0549

IN PARTIAL FULFILLMENT OF THE NATIONAL DIPLOMA of KWARA

STATE POLYTECHNIC

SUBMITTED TO THE DEPARTMENT OF PUBLIC AMINISTRATION.

INSITUTE OF FINANCE AND MANAGEMENT STUDIES, KWARA STATE

POLYTECHNIC, ILORIN.

DEDICATION

This piece of work is dedicated first to Almighty God for giving me the opportunity and resources to complete this work and my parent for their love, support and parental care throughout the program.

PREFACE

This report highlights the skills and knowledge gained during the SIWES program, bridging the gap between classroom theory and real-world media practice. It serves as a guide for Mass Communication students, covering key aspects like news writing, interviews, transcription, and media ethics. Organized into chapters with subheadings, it provides a structured overview of practical experiences that enhance learning and professional development in the field of journalism and communication.

ACKNOWLEDGEMENT

All thanks and glory be to Almighty God for His grace, mercy, and protection throughout the process of writing this report. His divine provision, wisdom, and strength have been my guiding light.

I extend my heartfelt gratitude to my loving parents, Mr. and Mrs. Ibrahim, whose unwavering support, prayers, and encouragement have been a source of strength and motivation. Their sacrifices and guidance have shaped my academic journey. My sincere appreciation also goes to my Head of Department (HOD), my esteemed lecturers, and my dedicated supervisor, whose mentorship, knowledge, and encouragement have played a vital role in my academic and professional growth.

I also acknowledge the management and staff of my department, whose commitment to excellence has provided me with a solid foundation in Mass Communication. My deepest appreciation goes to my siblings, friends, and colleagues, whose constant support, words of encouragement, and assistance whether financial, moral, or spiritual have been invaluable throughout this journey.

To everyone who contributed, directly or indirectly, to the success of this work, I say a big thank you. May Almighty God bless you all abundantly and reward you for your kindness.

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CHAPTER ONE

1.1 INTRODUCTION

This programme is introduced by the Federal Government of Nigeria to all the student of higher institutions throughout the country in order to gives them the opportunity to obtain industrial working experience in their respective disciplines. And it has been introduced in 1973.

I was attached to computer and information technology centre, kwara state college of education, which is divided into different units for the four months of my SIWES (Student Industrial Work Experience Schemes) programme.

Furthermore, the student industrial work experience scheme (SIWES) provides an atmosphere for continuity of learning that can update student's understanding on the course of study. SIWES also prepare students for future purposes and also supply the needed experience which will assist the student to maintain their stand in the labor market. SIWES will also assist the students to be more exposed and prepare them for challenge ahead.

1.2 DEFINITION OF SIWES

The student industrial work experience scheme (SIWES) can be referred to as the industrial training or the involvement for science and technology education in order to gain more theories an practical works being offered in the place of attachment, it is the programme designed for student for students in higher institution to acquire practical skills in their respective field of study.

The student industrial work experience scheme (SIWES) enable student to improve on the practical skills and as well as to improve students on the overall development.

1.3 AIMS AND OBJECTIVES

The aims and objective of this programme is to expose student to computer operating system, professional work methods, hardware device and ways of carryout operation in industries and others organizations.

The objectives set out for this report is that, the ideal of student industrial work experience scheme (SIWES) has set a goal for student who really has the focus to achieve in his/her respective field of specialization.

Many higher institutions could not afford adequate number of computer and others things for the practical work, as a result of economic predicament in the country, so the programme give students opportunity to have a full knowledge of practical and application of various devices.

CHAPTER TWO

2.1 MUDASHINNER RESOURCES VENTURE: EXCELLENCE IN WELDING AND METAL FABRICATION

Mudashinner Resources Venture is a distinguished welding and metal fabrication company committed to delivering high-quality craftsmanship and innovative solutions in the metal industry. Established with a vision to provide durable and precise metalworks, the company has grown into a trusted name in welding, fabrication, and industrial metal services. The firm is spearheaded by **Mr. Mudashiru Adeshina**, an experienced professional with extensive expertise in welding, structural engineering, and metal fabrication.

Company Overview

Mudashinner Resources Venture specializes in a variety of welding services, catering to diverse industries, including construction, manufacturing, and automotive. The company is known for its commitment to quality, safety, and customer satisfaction. It offers welding solutions for both small-scale and large-scale projects, ensuring that clients receive durable and high-performance metalwork tailored to their needs.

Core Services

The company provides a wide range of services, including:

1. Metal Fabrication:

- Design and production of metal structures, gates, railings, and fences.

- Customized steel and aluminum fabrication for residential, commercial, and industrial use.

2. Structural Welding:

- Reinforcement of metal beams and frames for construction projects.
- Specialized welding techniques for heavy-duty structures.

3. Pipe Welding and Fitting:

- Fabrication and installation of pipelines for plumbing and industrial purposes.
- Repairs and maintenance of existing piping systems.

4. Automotive and Machinery Welding:

- Repairs and modifications for vehicles, trailers, and heavy machinery.
- Welding solutions for agricultural and mechanical equipment.

5. On-Site and Mobile Welding Services:

- Provision of on-the-go welding solutions to meet clients' urgent needs.
- Repairs of damaged metal structures without the need for transportation to the workshop.

Leadership and Expertise

Mr. Mudashiru Adeshina, the founder and head of Mudashinner Resources Venture, brings a wealth of experience in metal fabrication and welding engineering. Under his leadership, the

company has developed a reputation for precision, durability, and technical excellence. His expertise in advanced welding techniques, such as MIG (Metal Inert Gas) and TIG (Tungsten Inert Gas) welding, has positioned the company as a leader in the industry.

Commitment to Quality and Safety

One of the hallmarks of Mudashinner Resources Venture is its dedication to maintaining high safety standards. The company adheres to industry best practices to ensure that all projects meet regulatory requirements and client expectations. By using high-quality welding materials and advanced machinery, the company ensures that every project is executed with accuracy and efficiency.

Clientele and Market Reach

Mudashinner Resources Venture serves a wide range of clients, from homeowners and contractors to large-scale industrial firms. The company's ability to adapt to different project requirements has earned it a strong client base.

CHAPTER THREE

EXPERIENCE GAINED DURING SIWES

3.1 LEADERSHIP AND MANAGEMENT

Leadership and management are essential functions in organizations, involving guiding and coordinating the efforts of individuals and teams to achieve organizational goals. While leadership focuses on vision, inspiration, and motivation, management emphasizes planning, organizing, and controlling resources to ensure efficiency and productivity.

Key Elements of Leadership and Management:

1. **Strategic Planning:** Developing and implementing strategic plans that align with the organization's mission and vision.
2. **Team Building:** Creating and managing effective teams to enhance collaboration and overall productivity.
3. **Communication:** Ensuring clear and effective communication within the organization to minimize misunderstandings and enhance coordination.
4. **Decision-Making:** Making informed and timely decisions that support organizational growth and stability.
5. **Motivation and Engagement:** Encouraging employees to perform at their best by recognizing their contributions and fostering a positive work culture.

Steps in Effective Leadership and Management:

1. **Set Clear Goals:** Define specific and measurable objectives that align with the organization's long-term vision.

2. **Delegate Responsibilities:** Assign tasks to individuals or teams based on their expertise and strengths.
3. **Provide Feedback and Support:** Offer constructive feedback to employees and provide them with the necessary support to enhance performance.
4. **Foster a Positive Work Culture:** Create a work environment that encourages collaboration, innovation, and respect among employees.
5. **Adapt to Change:** Stay responsive to market trends, technological advancements, and other external factors that may impact the organization.

Challenges in Leadership and Management:

1. **Managing Diverse Teams:** Leading teams with different backgrounds, perspectives, and skills can be challenging but is necessary for fostering innovation.
2. **Dealing with Uncertainty:** Making sound decisions in unpredictable and rapidly changing environments.
3. **Resolving Conflicts:** Managing and addressing conflicts among team members to maintain a harmonious work environment.
4. **Developing Future Leaders:** Identifying and training future leaders to ensure continued organizational success.

Importance of Leadership and Management:

- **Drives Performance:** Enhances productivity and efficiency within an organization.
- **Fosters Innovation:** Encourages new ideas and creative problem-solving.
- **Improves Morale:** Boosts employee satisfaction and retention.

- **Ensures Accountability:** Promotes ethical conduct and responsibility in organizational operations.

3.2 HUMAN MANAGEMENT

Human management, also known as human resources management, is the strategic approach to effectively managing people within an organization. It ensures that employees contribute productively to achieving business objectives while fostering a positive and engaging work environment.

Key Elements of Human Management:

1. **Recruitment and Selection:** Identifying job openings, attracting qualified candidates, and selecting the best fit for the organization.
2. **Training and Development:** Providing continuous learning opportunities to enhance employees' skills and knowledge.
3. **Performance Management:** Setting performance standards, offering feedback, and conducting evaluations to ensure employee growth.
4. **Compensation and Benefits:** Designing attractive salary packages and benefits programs to retain top talent.
5. **Employee Relations:** Addressing employee concerns, promoting open communication, and ensuring compliance with labor laws.

Importance of Human Management:

- Enhances employee engagement and productivity.
- Reduces turnover and improves job satisfaction.

- Ensures compliance with labor laws and industry standards.
- Helps organizations gain a competitive advantage through effective workforce management.

3.3 ORGANIZATIONAL BEHAVIOR

Organizational behavior is the study of how individuals and groups interact within an organization. It examines the impact of various factors, such as motivation, leadership, and communication, on employee behavior and overall organizational effectiveness.

Key Elements of Organizational Behavior:

1. **Individual Behavior:** Understanding personality, perception, motivation, and learning processes in the workplace.
2. **Group Dynamics:** Analyzing how teams function and interact within an organization.
3. **Organizational Culture:** Exploring shared values, beliefs, and norms that influence employee behavior.
4. **Leadership Styles:** Examining different leadership approaches and their impact on employee engagement.
5. **Communication:** Ensuring that information is effectively shared among employees to promote efficiency.

Benefits of Understanding Organizational Behavior:

- Improves workplace relationships and teamwork.
- Enhances employee motivation and performance.
- Creates a strong organizational culture that aligns with business goals.
- Encourages effective leadership and communication strategies.

3.4 BUSINESS LAW

Business law refers to the legal framework that governs commercial activities and corporate transactions. It ensures fair business practices, legal compliance, and protection of stakeholders' interests.

Key Elements of Business Law:

1. **Contract Law:** Governs agreements between parties, ensuring obligations are met and disputes are resolved fairly.
2. **Corporate Law:** Covers the formation, operation, and regulation of corporations.
3. **Intellectual Property Law:** Protects patents, trademarks, and copyrights to encourage innovation.
4. **Employment Law:** Regulates workplace policies, employee rights, and fair labor practices.
5. **Regulatory Compliance:** Ensures businesses adhere to environmental, consumer protection, and data privacy laws.

Importance of Business Law:

- Protects business interests and assets.
- Prevents legal disputes and liabilities.
- Ensures fair competition and ethical business practices.
- Provides a stable legal environment for business growth.

3.5 ETHICS AND GOVERNANCE

Ethics and governance guide decision-making and operations within organizations and public institutions. Ethics deals with moral principles, while governance refers to systems that ensure accountability and transparency.

Key Elements of Ethics and Governance:

1. **Ethical Codes and Standards:** Establishing guidelines for ethical conduct.
2. **Transparency and Accountability:** Promoting openness in decision-making.
3. **Corporate Social Responsibility (CSR):** Integrating social and environmental concerns into business operations.
4. **Risk Management:** Identifying and mitigating ethical risks.
5. **Compliance and Oversight:** Ensuring adherence to regulations and ethical standards.

Importance of Ethics and Governance:

- Builds trust among stakeholders.
- Maintains a positive organizational reputation.
- Promotes responsible business practices.
- Enhances decision-making through ethical considerations.

3.6 RISK MANAGEMENT

Risk management involves identifying, assessing, and mitigating risks that could impact an organization's objectives. It helps businesses prevent financial losses and operational disruptions.

Key Elements of Risk Management:

1. **Risk Identification:** Recognizing potential threats.
2. **Risk Assessment:** Evaluating the likelihood and impact of risks.
3. **Risk Mitigation:** Developing strategies to reduce risks.
4. **Risk Monitoring:** Continuously tracking and evaluating risks.
5. **Risk Communication:** Sharing risk-related information with stakeholders.

Importance of Risk Management:

- Protects business assets.
- Ensures continuity during crises.
- Improves decision-making by anticipating risks.
- Strengthens resilience against uncertainties.

3.7 PUBLIC POLICY ANALYSIS

Public policy analysis evaluates policies to determine their effectiveness and impact. It involves examining how policies are formulated, implemented, and assessed.

Key Elements of Public Policy Analysis:

1. **Problem Definition:** Identifying policy issues and their implications.
2. **Policy Formulation:** Developing alternative policy options.
3. **Policy Implementation:** Executing policies and monitoring outcomes.
4. **Policy Evaluation:** Assessing policy effectiveness through data analysis.
5. **Stakeholder Analysis:** Considering the perspectives of affected groups.

Benefits of Public Policy Analysis:

- Improves policy effectiveness.

- Enhances government accountability.
- Supports evidence-based decision-making.
- Promotes transparency in governance.

3.8 STRATEGIC MANAGEMENT

Strategic management involves formulating and executing strategies to achieve long-term organizational success.

Key Elements:

1. **Strategic Analysis:** Assessing internal strengths, weaknesses, opportunities, and threats.
2. **Strategy Formulation:** Developing competitive strategies.
3. **Implementation:** Executing strategic plans.
4. **Evaluation:** Measuring success and making adjustments.

Importance:

- Enhances competitive advantage.
- Aligns business goals with market trends.
- Improves decision-making and efficiency.

CHAPTER FOUR

CONCLUSION, RECOMMENDATION AND PERSONAL IMPRESSION

4.1 CONCLUSION

Professional success in the welding and fabrication industry is not solely defined by titles but by the practical application of skills, experience, and continuous innovation. The Students Industrial Work Experience Scheme (SIWES) at Mudashinner Resources Venture, under the leadership of Mr. Mudashiru Adeshina, provided an excellent platform to bridge the gap between theoretical knowledge and real-world application in metal fabrication, structural welding, and industrial design.

During my time at Mudashinner Resources Venture, I gained firsthand experience in the technical, managerial, and operational aspects of the welding industry. I learned about fabrication techniques, material selection, quality control, safety protocols, and project execution. The exposure to custom metalwork, industrial welding, and structural reinforcement significantly enhanced my technical skills, problem-solving abilities, and precision in handling welding tools and machinery.

Beyond technical skills, I also observed effective business management, client relations, and project coordination, which are essential for running a successful fabrication business. The company's commitment to innovation, safety standards, and customer satisfaction demonstrated the importance of professional ethics and quality assurance in industrial welding.

Furthermore, time management, teamwork, and adaptability were crucial takeaways from my experience. Observing how the company navigates challenges such as material procurement, deadline constraints, and client-specific requirements provided valuable insights into strategic management and risk assessment in the welding sector. This practical exposure has reinforced my passion for metal fabrication and provided a strong foundation for a future career in the industry.

4.2 RECOMMENDATIONS: ENHANCING SIWES AT MUDASHINNER RESOURCES VENTURE

To further improve the SIWES experience at Mudashinner Resources Venture, the following recommendations should be considered:

Provision of Modern Welding Equipment and Technology

Upgrading to advanced welding machines, CNC cutters, and automated fabrication tools would enhance students' exposure to modern industry practices, aligning with global welding standards.

Structured Training and Certification

Introducing certified training programs that cover advanced welding techniques, blueprint reading, and safety compliance will ensure that students leave with industry-recognized skills.

Improved Supervision and Hands-on Learning

Increasing one-on-one mentorship and project-based training will ensure students gain practical experience rather than just observing senior welders.

Safety and Risk Management Training

Providing more structured training on workplace safety, hazard prevention, and first aid procedures will enhance safety culture and prevent workplace accidents.

Business and Entrepreneurial Training

Offering insights into business management, pricing strategies, and client negotiations will prepare students not only for employment but also for starting their own welding businesses.

By implementing these recommendations, Mudashinner Resources Venture can further solidify its role as a leading training ground for future welders and metal fabricators, ensuring that students receive industry-

relevant knowledge and hands-on experience that will make them valuable assets in the welding profession.

4.3 ORGANIZATIONAL INSIGHTS: THE IMPACT OF MUDASHINNER RESOURCES VENTURE ON INDUSTRIAL WELDING TRAINING

My experience at Mudashinner Resources Venture was highly impactful and eye-opening. The company's structured work environment, commitment to excellence, and hands-on training approach set a high standard for industrial training in welding and fabrication.

One of the key observations was the company's emphasis on precision and durability in all fabrication projects. The seamless coordination between welders, fabricators, and supervisors showcased the importance of teamwork and efficiency in the welding industry.

Additionally, the company's approach to customer service, project execution, and safety compliance reinforced the importance of ethics and professionalism in welding. The organization effectively integrates modern techniques with traditional craftsmanship, ensuring that every project meets both aesthetic and structural standards.

Overall, Mudashinner Resources Venture provided an excellent learning environment where I was able to gain technical expertise, problem-solving skills, and business knowledge. This experience has strengthened my confidence and enthusiasm for a career in metal fabrication, welding, and structural engineering.