5.1.2 Event Report on Soft Skills

(initiatives of IQAC)

Sessions: 2018-19 to 2022-23

Academic Year: 2018-19

1. **A Seminar on 'Linux OS and its Utilities'**

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 12.09.2018

Number of Participants: 47

In 2018, IQAC, Achhruram Memorial College in collaboration with Webel: Achhruram Memorial College Computer Training Centre, organized a seminar on "Linux OS and its Utilities" on December 9th, attended by 47 students. The seminar aimed to deepen students' understanding of Linux operating systems and explore the practical utilities it offers. Linux is renowned for its stability, security, and flexibility, making it a preferred choice in various professional environments, from server management to embedded systems and software development. The seminar included sessions on Linux basics, command-line operations, shell scripting, and an introduction to popular distributions like Ubuntu and CentOS. Hands-on demonstrations allowed students to navigate the Linux environment, install software packages, and perform system configurations. This practical exposure was complemented by discussions on the advantages of using open-source software and the career opportunities available for Linux administrators and developers. Attendees gained insights into the role of Linux in driving technological innovation and its growing relevance in the IT industry. By the end of the seminar, participants had not only acquired foundational skills in Linux but also developed a deeper appreciation for its role in enhancing efficiency and security in computing environments.

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2. A Seminar on 'Programming language in C'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 17.01.2019

Number of Participants: 53

A seminar on "Programming Language in 'C' was conducted on January 17th January, 2019 with 53 students in attendance. This session, supported by Webel, aimed to provide students with a solid foundation in the C programming language, known for its efficiency, versatility, and widespread application in system programming, game development, and embedded systems. The seminar covered fundamental concepts such as variables, control structures, functions, and pointers, enabling students to write and understand basic C programs. Practical exercises and coding challenges allowed participants to apply their knowledge, reinforcing their understanding of programming principles and problem-solving skills. Discussions also highlighted the historical significance of C as a precursor to many modern programming languages and its role in shaping computational thinking. Moreover, the seminar emphasized the importance of mastering C programming for students aspiring to pursue careers in software development and engineering. By the end of the session, students had gained confidence in their ability to write efficient and structured code in C, laying a robust foundation for their future endeavors in programming.

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Academic Year: 2019-20

1. **A Seminar on 'Career Options & Opportunities for Computer Application'**

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 20.11.2019

Number of Participants: 41

On 20th November, 2019, a seminar titled "Career Options & Opportunities for Computer Application" attracted 41 students. The session was designed to broaden students' awareness of diverse career paths within the field of computer applications, catering to those interested in software development, database administration, systems analysis, and IT consulting, among other areas. The seminar featured presentations from industry professionals and alumni who shared their career journeys and insights into the skills and qualifications sought by employers in the IT sector. Discussions also covered emerging trends such as cloud computing, cybersecurity, and data analytics, underscoring the demand for skilled professionals in these specialized fields. Practical advice on building a competitive resume, preparing for interviews, and networking effectively was also provided to equip students with the tools needed to succeed in their chosen career paths. The seminar served as a valuable platform for students to envision their future roles in the dynamic and rapidly evolving landscape of computer applications, encouraging them to align their academic pursuits and professional aspirations accordingly.

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2. **A One-year Diploma in 'Personal Computer Application'**

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: WEBEL: Achhruram Memorial College Computer Training Center

Date: started from 08.08.2019

Number of Participants: 60

In 2019, Achhruram Memorial College initiated a one-year Diploma in Personal Computer Application starting on August 8th, with enrollment reaching 60 students. This comprehensive course, supported by Webel, aimed to equip participants with practical skills in essential computer applications. Students underwent rigorous training in word processing, spreadsheet management, presentation software, and database fundamentals. The curriculum also included modules on internet basics, email etiquette, and digital literacy, ensuring proficiency in modern office tools and technologies. Practical sessions and hands-on workshops allowed students to apply theoretical knowledge in simulated workplace scenarios, enhancing their efficiency and productivity. The diploma program not only prepared students for entry-level positions in administrative roles but also empowered them with transferrable skills essential for professional success in a digital-centric environment.

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3. A Seminar on 'Microsoft Certification'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 22.01.2020

Number of Participants: 47

A seminar focused on "Microsoft Certification" was conducted on 22nd January, 2020, attracting 47 students eager to enhance their expertise in Microsoft technologies. The session, facilitated by Webel at Achhruram Memorial College, provided a pathway for students to attain globally recognized certifications such as Microsoft Certified Professional (MCP) and Microsoft Technology Associate (MTA). Participants received comprehensive training in Microsoft Office applications, Windows operating systems, and server technologies, preparing them for roles in IT support, system administration, and software development. Practical labs and simulated exams allowed students to practice real-world scenarios and assess their readiness for certification exams. The seminar underscored the value of Microsoft certifications in validating technical skills and enhancing employability in competitive job markets. By the end of the session, students were equipped with the knowledge and credentials to pursue rewarding careers in various sectors leveraging Microsoft technologies.

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Academic Year: 2020-21

1. **A Seminar on 'Importance of Online Education after COVID 19 Pandemic'**

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Online Mode

Date: 11.10.2020

Number of Participants: 43

In response to the COVID-19 pandemic's impact on education, IQAC, Achhruram Memorial College conducted a seminar on the "Importance of Online Education" on 11th October, 2020, transitioning to an online mode with 43 students participating remotely. The seminar explored the transformative role of online learning in ensuring continuity and accessibility amidst global disruptions. Discussions focused on the benefits of virtual classrooms, digital collaboration tools, and remote learning platforms in delivering quality education remotely. Participants examined strategies for optimizing online teaching methodologies, enhancing student engagement, and fostering inclusive learning environments. The session also addressed the digital divide and equitable access to technology, emphasizing the need for innovative solutions to bridge educational gaps. Insights shared during the seminar underscored the resilience of online education in adapting to evolving educational landscapes and preparing students for future challenges in a digital economy.

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2. A Seminar on 'Data Security'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Online Mode

Date: 14.03.2021

Number of Participants: 36

In the online platform, a seminar on "Data Security" was held on March 14th, 2021, engaging 36 students in discussions on safeguarding sensitive information in digital environments. The session highlighted the growing threats posed by cyberattacks, data breaches, and privacy concerns, emphasizing the importance of robust data protection strategies and compliance with regulatory frameworks. Participants gained insights into encryption techniques, access control measures, and incident response protocols essential for mitigating risks and maintaining data integrity. Practical case studies and real-world examples illustrated the impact of data security breaches on organizations and underscored the role of cybersecurity professionals in safeguarding organizational assets. The seminar concluded with recommendations for implementing proactive cybersecurity measures, raising awareness among stakeholders, and fostering a culture of cyber resilience within organizations. Attendees left with a heightened awareness of their role in protecting data assets and contributing to a secure digital ecosystem.

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Academic Year: 2021-22

1. A One-year Diploma in 'Personal Computer Application'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: WEBEL: Achhruram Memorial College Computer Training Center

Date: started from 11.08.2021 (in Online mode)

Number of Participants: 76

A one-year Diploma in Personal Computer Application continued its course offerings, starting on August 11th, 2021 in an online format and attracting a cohort of 76 students. This adaptation ensured continuity in delivering essential computer training amidst evolving educational paradigms and challenges posed by the ongoing pandemic. The diploma program continued to focus on equipping students with practical skills in computer applications, including advanced modules in spreadsheet modeling, database management, and web development. Virtual labs and interactive sessions allowed participants to gain hands-on experience in software installation, troubleshooting, and system maintenance, preparing them for diverse roles in administrative support and IT operations. The online delivery mode facilitated flexible learning schedules and enhanced accessibility for students, fostering a conducive environment for acquiring digital literacy and proficiency in modern office technologies.

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2. A Seminar on 'Programming in C++'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 14.03.2022

Number of Participants: 41

A seminar on "Programming in C++" was held on March 14th, 2022 with 41 students in attendance. This session expanded on foundational programming concepts introduced in earlier seminars, focusing on the advanced features and applications of the C++ programming language. Discussions covered topics such as object-oriented programming principles, data structures, and memory management techniques unique to C++. Practical exercises and coding challenges allowed participants to deepen their understanding of C++ syntax and semantics, enhancing their ability to develop robust and scalable software solutions. The seminar underscored the significance of mastering C++ in modern software development practices, highlighting its role in creating high-performance applications, games, and system software. By the end of the session, students gained proficiency in leveraging C++ to tackle complex programming tasks and were well-prepared to pursue advanced studies or enter the workforce as skilled C++ developers.

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3. **A Seminar on 'Java Language'**

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 08.04.2022

Number of Participants: 44

The IQAC, Achhruram Memorial College in collaboration with Webel organized a seminar on "Java Language" on 8th April, 2022 with the participation of 44 students. Java remains a cornerstone in software development, known for its platform independence, scalability, and extensive use in enterprise applications, mobile development, and web services. The seminar provided comprehensive insights into Java programming fundamentals, including object-oriented concepts, exception handling, multithreading, and GUI development using Java Swing. Practical labs and coding workshops enabled students to apply theoretical knowledge in creating interactive applications and solving real-world programming challenges. Discussions also highlighted Java's role in driving innovations such as Internet of Things (IoT) and cloud computing solutions, emphasizing its relevance in shaping the future of technology. The session concluded with guidance on pursuing Java certifications and advancing career prospects in Java development, equipping students with the skills and credentials to thrive in a competitive IT landscape.

4. **Certificate Course on 'Spoken and Communicative English'**

organized by **Department of English** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Dr. Debmalya Das

Date: 01.03.2022 to 30.06.2022

Number of Participants: 5

5. **Certificate Course on 'Health and Nutrition'**

organized by **Department of Botany** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Dr. Ghanashyam Mahato

Date: 01.06.2022 to 19.06.2022

Number of Participants: 12

6. **Certificate Course on 'Integrating Herbal Products in Modern Medicine'**

   organized by **Department of Botany** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

   Course Coordinator: Md. Salman Hyder

   Date: 13.02.2022 to 28.03.2022

   Number of Participants: 12

7. **Certificate Course on 'Information Sources and Services'**

   organized by **Library** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

   Course Coordinator: Mrs. Riptika Pal

   Date: 20.04.2022 to 17.05.2022

   Number of Participants: 10

8. **Certificate Course on 'Library and Information Management'**

   organized by **Library** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

   Course Coordinator: Mrs. Riptika Pal

   Date: 02.02.2022 to 25.02.2022

   Number of Participants: 9

9. **Certificate Course on 'Financial Mathematics for Real-Life Applications'**

   organized by **Department of Mathematics** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Mr. Laltu Gorai

Date: 01/03/2022 to 14/05/2022

Number of Participants: 8

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Academic Year: 2022-23

1. A Seminar on 'Cyber Security'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 07.09.2022

Number of Participants: 42

A seminar on "Cyber Security" was conducted on 7th September, 2022, engaging 42 students in discussions on emerging threats and strategies to protect digital assets. The session delved into cybersecurity principles, risk assessment methodologies, and best practices for securing networks, systems, and data against malicious attacks. Participants explored case studies of cyber incidents, analyzing the impact on organizations and the importance of incident response planning. Practical simulations and hands-on exercises allowed students to simulate cyber defense strategies and assess vulnerabilities in simulated environments. The seminar highlighted the critical role of cybersecurity professionals in safeguarding sensitive information and maintaining trust in digital transactions. It also emphasized the need for continuous learning and staying abreast of evolving cyber threats to effectively mitigate risks and protect organizational assets. Attendees left with a heightened awareness of cybersecurity challenges and a commitment to enhancing their skills in safeguarding digital infrastructures.

2. Certificate Course on 'Vedic Mathematics in Human Development'

organized by **Department of Mathematics** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Dr. Shibajee Singh Deo

Date: 21/01/2023 to 29/04/2023

Number of Participants: 8

3. A Seminar on 'AI and Machine Learning'

in collaboration with **WEBEL: Achhruram Memorial College Computer Training Centre**, organized by **IQAC**, Achhruram Memorial College, Jhalda

Venue: Seminar Hall, A. M. College, Jhalda

Date: 14.03.2022

Number of Participants: 48

The IQAC, Achhruram Memorial College organized a seminar on "AI and Machine Learning" on 14th March, 2023, attracting 48 students eager to explore the transformative applications of artificial intelligence (AI) and machine learning (ML). The session delved into the theoretical foundations of AI, including machine learning algorithms, neural networks, and natural language processing. Practical demonstrations and case studies showcased AI's impact across industries such as healthcare, finance, and autonomous systems. Participants gained insights into AI-driven innovations, such as predictive analytics and autonomous vehicles, highlighting the potential for AI to revolutionize business processes and enhance decision-making capabilities. Discussions also addressed ethical considerations and societal implications of AI adoption, emphasizing the importance of responsible AI development and governance. The seminar concluded with a call to explore further studies and certifications in AI and ML, equipping students with the skills and knowledge to thrive in the era of artificial intelligence.

4. **Certificate Course on 'Yoga and Wellness'**

organized by **Department of Physical Education** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Mr. Sajal Maji

Date: 03/04/2023 to 28/04/2023

Number of Participants: 4

5. **Certificate Course on 'Hindi Language'**

organized by **Department of Hindi** in collaboration with **IQAC,** Achhruram Memorial College, Jhalda

Course Coordinator: Mr. Gautam Singh Rana

Date: 03/04/2023 to 28/04/2023

Number of Participants: 10

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