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COLLEGE OF ENGINEERING
Approved by All India Council for Technical Education, New Delhi
Affiliated to Anna University, Chennai
NAAC Accredited Institution & NBA Accredited Courses   (Mech. Engg., ECE, CSE, IT)
"Nizara Educational Campus" Muthapudupet, Avadi-IAF, Chennai - 55.

MoU wise descriptions of the activities it has done for specific reason or academic goal, in a discrete block for each AY under the assessment period

Academic Year 2022-23

Sl. No	Name of the MoU	Purpose of the MoU	Descriptions of activities conducted	Page No
1	K.J Research Foundation. K.J.Hospital Research & Post Graduate Center	Research, FDP, On Job / Placement Training program for faculties and students	On Job Training Program on Global Healthcare Crisis	3-5
2	Seger Overseas Pvt.Ltd	Abroad studies, seminar, awareness program, On Job Training	On Job Training Program on Cyber security	6-7
3	TeachSub Techno Solutions Pvt.Ltd (MyOSin)	On Job Training and Placement	Placement Training Program on Effective communication	8-10
4	Institute of Industrial Design	On Job Training and Placement, Internship	On Job Training Program on Design for Manufacturing and Assembly	11-13
5	Construction Management Training Institute	On Job Training and Placement, workshop	On Job Training Program on Soft skill and Professional Development	14-18
6	Ifelse Techsmart Solutions Private Limited	Industry placement training program, guest lecture	1. Placement Training program on Emotional Intelligence 2. Student Internship	19-25
7	Felicet Infra Private Limited	Skill based training placement, IV, Expert lecture	1. Skill based Training program on From startup to success: How to build and scale your own business 2. Student Internship	26-34
8	Infocare Engineering Services Private	Skill based training placement, IV, Expert	1. Soft skill training on Transforming Teams:	35-42

		lecture	Building collaboration, creativity and communication 2. Student Internship	
9	Sai Education and Job Consultancy Private Limited	Skill based training placement, IV, Expert lecture	Placement Training program on Turning passion into purpose	43-44
10	Vanaaspire Private Limited	Skill based training placement, IV, Expert lecture	1. Placement Training program on Beyond the blueprint: skill development in the engineering and construction 2. Student Internship	45-53
11	Tech Mahindra Foundation & The Mafoi Foundation Smart Center	Placement Training program	Placement training program for Quants, Reasoning, Verbal and soft skills	54-55
12	Universal Education Consultant Abroad	Opportunity for higher abroad studies, trained on IELTS, Placement Training	Carrier guidance program on Reach Career Highs and Placement training	56-58
13	Association of Muslim Professionals	employability training program, webinars, assistance for internship, on-job training for the students	1. Employability placement training on Human capital skill gaps-industry ready 2. Placement Training program on Resume Writing, Interview skills & Job searching strategies 3. Workshop on Drug Abuse-Alarming Rise Prevention and safeguards 4. Placement Training Program on Personality Development 5. Student Internship	59-76
14	United Knowledge Education Consultations Pvt. Ltd	opportunities for higher education, UK universities to conduct guest lecture, seminar, Placement Training	Program on Higher studies in foreign countries	77-79

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

K.J Research Foundation. K. J. Hospital Research & Post Graduate Center

The Career planning and Development Cell organized a training program on "Global Healthcare Crisis" on *25-08-2023* from 02.30 p.m to 03.50 p.m by Dr. Selvaraj, **K.J Research Foundation. K. J. Hospital Research & Post Graduate Center** for final year (CSE,IT)students. A total of 96 participants attended.

The training program on **"Global Healthcare Crisis"** addressed pressing issues facing healthcare systems worldwide, focusing on challenges, root causes, and potential solutions. Experts from public health, healthcare policy, and medicine examined critical topics such as rising healthcare costs, accessibility gaps, workforce shortages, and the impact of global health crises like pandemics and chronic disease burdens on healthcare systems.

The session began with an overview of the state of global healthcare, highlighting disparities in healthcare access and quality between high-income and low-income countries. Speakers noted that economic instability, political factors, and uneven resource distribution contribute significantly to these disparities, leaving vulnerable populations without adequate care. Additionally, the rising prevalence of chronic diseases, such as diabetes, heart disease, and cancer, has placed an immense strain on healthcare infrastructures, especially in developing regions.
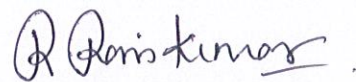
A key focus was on the impact of pandemics and emerging infectious diseases, which exposed weaknesses in global healthcare preparedness. Experts stressed the need for better international collaboration to develop rapid response systems, improve disease surveillance, and strengthen healthcare infrastructure. The session also highlighted the urgent need for investments in healthcare technology, including telemedicine and digital health tools, to expand access in remote areas.

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Another core issue discussed was the global healthcare workforce shortage, with participants noting the increasing burnout rates among medical professionals due to long hours and inadequate support. Solutions proposed included improving healthcare worker training, expanding mental health support, and encouraging policies that attract and retain skilled professionals.

The session concluded with a call to action, urging governments, healthcare organizations, and international agencies to prioritize healthcare reforms, increase funding, and work towards equitable healthcare access for all. Overall, the event emphasized that addressing the global healthcare crisis requires a coordinated, multifaceted approach that combines policy reform, technological advancements, and a commitment to building resilient healthcare systems worldwide.

COORDINATOR

(R. RAVI KUMAR)

31/8/2023

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## AVADI IAF, CHENNAI-55
ACTIVITIES UNDER MOU

ACADEMIC YEAR: 2022-2023

Conducted By: **Department of Information Technology**

Collaborated by: SEGER Overseas Pvt. Ltd.

The Department of IT conducted three days Training session on "Cyber security" for IT and CSE Students from 24.01.2023 to 26.01.2023. Resource person Mr. Vamsidhar , SEGER Overseas Pvt. Ltd. Cyber Security Expert from. A total of 61 students attended the Training session.

"Cyber security"
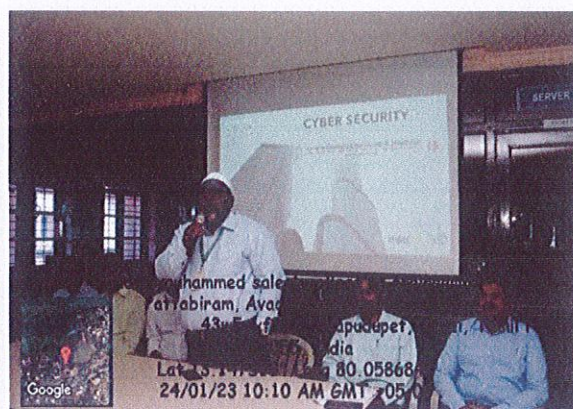
The **first day** began with opening remarks from the organizers, outlining the Training's objectives and agenda. The keynote sessions featured prominent cyber security experts who provided an overview of the current landscape, highlighting the increasing frequency and sophistication of cyber threats. They discussed the importance of cyber security in protecting critical infrastructure, personal data, and national security.

The **second day** focused on practical, hands-on learning. Participants engaged in interactive exercises designed to simulate real-world cyber threats and defenses.Case studies were presented, showcasing real-world examples of cyber attacks and the strategies employed to counter them. Group discussions allowed participants to share their experiences and best practices, fostering a collaborative learning environment.

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final day The was dedicated to strategic planning and future directions in cyber security. Sessions focused on developing national and organizational cyber security strategies, with an emphasis on proactive measures and resilience. Experts discussed emerging technologies such as artificial intelligence, block chain, and quantum computing, and their potential impact on cyber security. The Training concluded with feedback sessions and closing remarks, summarizing the key takeaways and outlining the next steps for participants.

HOD
Dr Amanulleh
IT/HOD

30/01/2023
Principal
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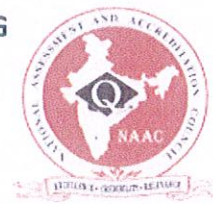AVADI - IAF, MUTHAPUDUPE
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Activities under MOU

Academic Year: 2022-2023

M/s. TeachSub Techno Solutions Pvt. Ltd.,

The CPD cell organized a Training Program on "**Effective communication**" by Mr. Mario Rosair, English Language Trainer, M/s. TeachSub Techno Solutions Pvt. Ltd., on 07-09-2022 from 10.00 a.m to 12.30 p.m for all final year students. A total of 392 students participated in the Training Program.

MyOS in

Effective Communication
for success in career

Training Program on Career skills

2022   Sep 07 Wednesday   10 AM

Speaker

Mr. Mario Rosair
Senior English Language Trainer
M/s. TeachSub Techno solutions
Private Limited

Report on Effective Communication for Career Skills Training Program
Conducted by Mr. Mario Rosair

Introduction

Effective communication is an essential skill in the professional world, and its significance extends beyond just technical abilities or academic qualifications. Recognizing this, Mr. Mario Rosair conducted a Career Skills Training Program aimed at equipping participants with the tools and strategies necessary to communicate effectively in a variety of professional settings. The program focused on enhancing interpersonal communication, presentation skills, and conflict resolution techniques, all of which are critical for career advancement and success.

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Objective of the Program

The primary objective of the program was to help participants develop and refine their communication abilities to improve both their personal and professional relationships. By the end of the session, participants were expected to have a clear understanding of how to tailor their communication style to different audiences, manage workplace conflicts, and convey ideas persuasively and clearly.

Key Topics Covered

1. **Verbal and Non-verbal Communication**

   One of the core elements of the training was understanding the difference between verbal and non-verbal communication. Mr. Rosair emphasized that effective communication is not just about what you say, but how you say it. The use of body language, tone of voice, and facial expressions all contribute to the message being delivered. Participants were shown how these non-verbal cues can either reinforce or contradict the spoken word.

2. **Active Listening Skills**

   Active listening was presented as a critical component of effective communication. Mr. Rosair introduced various techniques for improving listening skills, including maintaining eye contact, not interrupting, and providing feedback. He explained how good listening fosters trust and understanding, making it easier to respond appropriately and build stronger professional relationships.

3. **Clarity and Conciseness in Messaging**

   A central theme of the program was the importance of being clear and concise when conveying information. Mr. Rosair provided practical exercises to help participants avoid jargon and unnecessary complexity in their communications. The ability to distill complex ideas into simple, digestible messages is an invaluable skill, particularly in fast-paced and high-pressure work environments.

4. **Tailoring Communication to Different Audiences**

   Understanding the audience is a key aspect of successful communication. Mr. Rosair explained how communication styles should vary depending on whether one is addressing colleagues, clients, or superiors. He encouraged participants to adapt their tone, language, and delivery to suit the specific context and goals of their communication.

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5. **Conflict Resolution and Difficult Conversations**

   In any workplace, conflict is inevitable, but how it is managed can make a significant difference. Mr. Rosair led participants through techniques for resolving conflicts in a calm and constructive manner. The focus was on how to approach difficult conversations, remain composed, and use communication to find mutually beneficial solutions rather than escalating tensions.

Participant Engagement and Interaction

Throughout the program, Mr. Rosair engaged participants through a combination of theoretical presentations, group discussions, role-playing activities, and case studies. These interactive exercises allowed attendees to practice the communication skills being taught, receive immediate feedback, and observe the results of their efforts in real-time. The hands-on approach ensured that the training was both practical and relevant to the participants' daily professional challenges.

Conclusion

The Career Skills Training Program led by Mr. Mario Rosair was a comprehensive and highly valuable session on effective communication. By focusing on both the technical and interpersonal aspects of communication, the program equipped participants with a toolkit for enhancing their professional relationships and advancing their careers. The skills learned in this training—active listening, clarity, and adaptability in communication—will undoubtedly have a lasting impact on participants' effectiveness in the workplace. Through this training, individuals were not only able to understand the significance of communication in their careers but also gain the confidence and competence needed to excel in a wide range of professional situations.
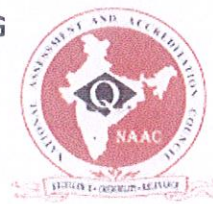
HOD

(R, RAVIKUMAR)

08/09/2022

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Activities under MOU

Academic Year: 2022-2023

Institute of Industrial Design,

The Department of Mechanical Engineering organized a Training Program on "**Design for Manufacturing and Assembly**" by Mr.P.K. Venkataramana, Business Head , Institute of industrial design on 09-02-2023 from 10.00 a.m to 12.30 p.m for all final and pre-final year students. A total of 112 students participated in the training program.

Training Program on
DESIGN FOR MANUFACTURING & ASSEMBLY

With :
Mr. P.K. Venkataramana
Business Head, IID

SPEAKER

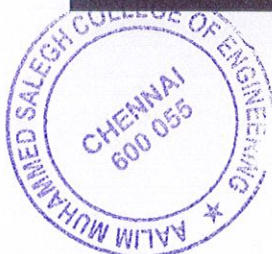09 Febraury, 2023
10:00 Am - 12:30 pm

JOIN US

Department of Mechanical Engineering
AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Dr. S. Ramkumar
HOD

Dr. S. Sathish
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Report on the "Design for Manufacturing and Assembly" Conducted by:
Mr. P.K. Venkataramana, Business Head, Institute of Industrial Design

Introduction:

The workshop on "Design for Manufacturing and Assembly" (DFMA) was conducted by Mr. P.K. Venkataramana, the Business Head, Institute of Industrial Design. The session aimed to impart key principles and practical approaches for designing products that are cost-effective, easy to manufacture, and efficient in assembly processes. The workshop was attended by professionals and students from diverse engineering and industrial design backgrounds.
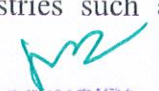
Objective:

The main objective of the workshop was to introduce participants to the core concepts of DFMA, emphasizing the importance of design choices that optimize manufacturing processes and reduce production costs while ensuring high product quality. The session also aimed at enhancing participants' understanding of how design decisions impact the assembly phase and how a seamless, integrated approach can lead to superior product performance.

Workshop Content:

1. **Introduction to DFMA Principles:** Mr. Venkataramana began the session by introducing the fundamental principles of DFMA, explaining how product design can directly influence manufacturing costs and assembly efficiency. He highlighted that designing with manufacturing constraints in mind from the very start of the product development cycle can lead to significant cost reductions and time savings.
2. **Manufacturing Considerations in Design:** The workshop focused on key manufacturing considerations, including material selection, manufacturing processes, tolerances, and part complexity. The instructor emphasized the importance of reducing the number of parts in a product, which simplifies assembly and reduces the overall cost.
3. **Assembly Considerations:** A major portion of the workshop was dedicated to discussing assembly optimization. Mr. Venkataramana explained how designs that are easier to assemble lead to reduced labor costs, fewer assembly errors, and improved product quality. He discussed strategies for minimizing the number of fasteners, improving part orientation, and designing for automated assembly systems.
4. **Practical Applications of DFMA Tools:** The participants were introduced to various DFMA tools and software that assist in evaluating the manufacturability and assemblability of a product. These tools help designers identify potential issues early in the design phase and suggest improvements that can be made to enhance manufacturability.
5. **Case Studies:** To enhance understanding, Mr. Venkataramana presented several real-world case studies where DFMA principles were successfully implemented. These case studies showcased both failures and successes, allowing participants to see the tangible impact of applying DFMA strategies in different industries such as automotive, electronics, and consumer goods.
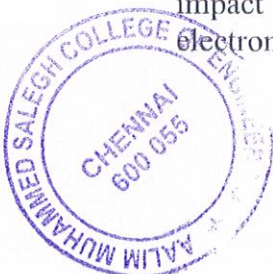
6. **Interactive Session:** The workshop included an interactive segment where participants worked in small groups to analyze a product design, identifying potential design flaws related to manufacturing and assembly. This hands-on approach encouraged collaboration and the practical application of DFMA concepts.

Key Takeaways:

- **Cost Efficiency**: DFMA is a powerful tool for identifying cost-saving opportunities early in the design phase by minimizing complexity, reducing parts, and optimizing assembly processes.
- **Improved Product Quality**: By considering manufacturing and assembly constraints, designers can create products that are easier to produce and assemble, leading to fewer defects and better end-user experiences.
- **Time Savings**: A well-executed DFMA approach can drastically reduce production timelines, which is a significant advantage in today's fast-paced market.
- **Collaboration Between Design and Manufacturing Teams**: The workshop underscored the importance of cross-functional collaboration between design engineers, manufacturing engineers, and assembly teams to achieve a balanced, optimized product design.

Conclusion:

The "Design for Manufacturing and Assembly" workshop, led by Mr. P.K. Venkataramana, provided valuable insights into how effective product design can reduce costs and enhance production efficiency. The workshop not only equipped participants with theoretical knowledge but also gave them practical tools and strategies to apply in their future projects. Overall, the session was informative, interactive, and provided a deep understanding of the importance of integrating DFMA principles into the product development cycle for achieving better manufacturability, assembly, and ultimately, a more competitive product in the market.
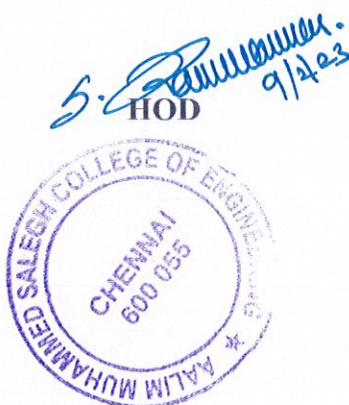
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DEPARTMENT OF CIVIL ENGINEERING

TRAINING PROGRAM FOR ENGINEERS

SOFT SKILL AND PROFESSIONAL DEVELOPMENT

MARCH 02, 2023

11 AM

Mr.Y.MOHAMMED RIZWAN
SENIOR ENGINEER SPECIALIST
INTERNATIONAL TECH PARK

VENUE : MOULANA ABUL KALAM AZAD AUDITORIUM

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ACTIVITIES UNDER MOU

Academic Year: 2021-2022

Company Name : Construction Management Training Institute

Department of Civil Engineering conducted **Soft Skills and Professional Development Program** by Mr. Mr.Mohammed Rizwan , senior engineering specialist for II,III & IV year Civil Engineeringstudents on March 02,2023. A total of 41 students participated in the training program. This type of program typicallyaddresses a range of competencies that help employees interact effectively, navigate challenges, and contribute to a positive work environment was very helpful for the students to gain collective ideas to improve their skills.

Soft Skills and Professional Development Program focuses on improving interpersonal and intrapersonal skills that are essential for success in the workplace. Soft Skills Focus Areas
Soft skills are often categorized into the following areas, each playing a critical role in an individual's professional success:

- **Communication Skills**
    - *Verbal communication*: Clear and concise speaking, active listening, and public speaking.
    - *Non-verbal communication*: Body language, facial expressions, and tone of voice.
    - *Written communication*: Professional writing skills, email etiquette, and report writing.
    - *Presentation skills*: Creating and delivering effective presentations to diverse audiences.

- **Emotional Intelligence (EQ)**
    - *Self-awareness*: Understanding your own emotions, strengths, weaknesses, and triggers.
    - *Self-regulation*: Managing emotions, stress, and impulses effectively.
    - *Empathy*: Recognizing and understanding the emotions of others.
    - *Social skills*: Building relationships, resolving conflicts, and collaborating with others.

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- **Teamwork and Collaboration**
  - *Building strong relationships*: Working harmoniously with colleagues.
  - *Conflict resolution*: Navigating and resolving conflicts in a constructive way.
  - *Adaptability*: Adjusting to changing situations and diverse work environments.
  - *Active listening and feedback*: Giving and receiving feedback to improve group dynamics.

- **Problem Solving and Critical Thinking**
  - *Analytical thinking*: Breaking down complex problems into manageable parts.
  - *Decision making*: Making informed, data-driven decisions.
  - *Creativity and innovation*: Thinking outside the box and suggesting newsolutions.
  - *Resourcefulness*: Using available resources to overcome obstacles.

- **Leadership and Management Skills**
  - *Motivation and inspiration*: Encouraging and guiding team members.
  - *Delegation*: Assigning tasks based on team members' strengths and workload.
  - *Time management*: Managing one's own time as well as the team's timeeffectively.
  - *Conflict management*: Leading teams through disagreements and findingsolutions.

- **Adaptability and Resilience**
  - *Dealing with change*: Adapting to new roles, responsibilities, or company-wide changes.
  - *Stress management*: Maintaining focus and effectiveness under pressure.
  - *Resilience*: Overcoming setbacks and bouncing back from failures.

Professional Development Areas

Professional development focuses on skill-building and career growth. This typically includes:

- **Career Planning**
  - *Setting career goals*: Identifying long-term and short-term career objectives.
  - *Personal branding*: Developing a strong professional identity.
  - *Networking skills*: Building and maintaining professional relationships both inside and outside the organization.

- **Personal Growth and Self-Improvement**
  - *Self-motivation*: Finding intrinsic motivation to perform at a high level.
  - *Continuous learning*: Keeping up with industry trends and pursuing new knowledge.
  - *Time management and productivity*: Prioritizing tasks and managing workload effectively.

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- **Cultural Competency**
    - *Diversity and inclusion*: Understanding and respecting cultural differences in the workplace.
    - *Inclusive leadership*: Leading diverse teams and ensuring everyone's voice is heard.
    - *Cultural sensitivity*: Adapting to different communication styles and work habits.
- **Negotiation Skills**
    - *Persuasion*: Effectively convincing others to see your perspective.
    - *Win-win strategies*: Ensuring that both parties benefit from the negotiation.
    - *Handling objections*: Managing pushback in a professional and constructive way.

Program Formats

Soft skills and professional development programs can take various forms depending on the needs of the organization and the learning preferences of participants:

- **Workshops & Seminars**: These are typically instructor-led sessions that provide hands-on exercises, case studies, and group discussions.
- **Webinars & Online Courses**: Virtual training modules that can be taken asynchronously or in real-time.
- **One-on-One Coaching**: Personalized coaching sessions that focus on specific skills or career objectives.
- **Mentoring Programs**: A pairing of less experienced employees with senior staff to guide their development.
- **Team-building Activities**: Group activities designed to improve collaboration, trust, and communication among team members.
- **Leadership Development Programs**: Focused training aimed at developing managerial and leadership skills in high-potential employees.

Implementation of the Program

To ensure the program's success, it should be well-structured and aligned with organizational goals. The following steps are commonly part of the implementation process:

1. **Needs Assessment**: Identify the skills gaps within the organization or team.
2. **Program Design**: Based on the needs assessment, create a curriculum that addresses both soft skills and professional development.
3. **Delivery Format**: Decide whether the program will be in-person, virtual, or a hybrid

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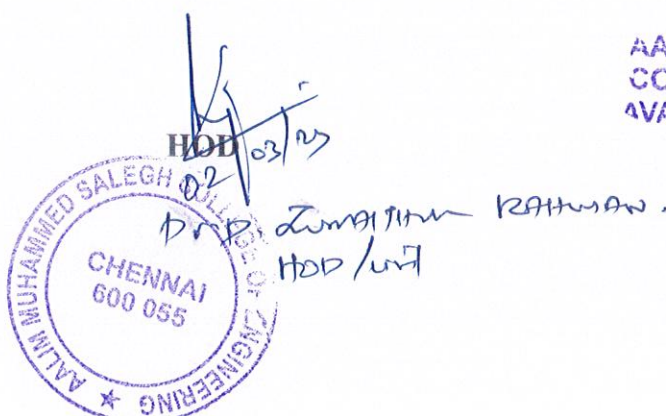CHENNAI 600 055

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format.

4. **Facilitators/Trainers**: Select qualified trainers or subject matter experts to deliver the content.

5. **Measurement and Feedback**: Evaluate the program's effectiveness through surveys, feedback, and measurable outcomes.

6. **Ongoing Support**: Provide ongoing resources and training to ensure the skills are continuously developed and applied.

Outcomes and Benefits

The benefits of investing in a Soft Skills and Professional Development Program include:

- **Improved Communication**: Clearer, more effective interactions within teams and across departments.

- **Stronger Leadership**: Better decision-making, delegation, and team management.

- **Higher Employee Engagement**: Employees feel valued, supported, and are more likely to stay with the organization.

- **Enhanced Collaboration**: Stronger teamwork, trust, and conflict resolution.

- **Increased Productivity**: More efficient work practices, better time management, and fewer workplace disruptions.

- **Career Advancement**: Employees are better equipped to take on leadership roles or pursue career growth opportunities.

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HOD 03/23

03/03/2023

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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

IFELSE TECHSMART SOLUTIONS PRIVATE LIMITED

The Department of Computer Science and Engineering organized a training program on "Emotional Intelligence" was conducted by **Mr. Mohamed Shabi, ifelse Technologies** on 15-02-2023 from 10.30 a.m to 12.30 p.m for III year CSE students. A total of 65 students attended the session. The students gave their valuable feedback.

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TNEA Counselling CODE: 1101

Department of Computer Science and Engineering
organizes

TRAINING PROGRAM

EMOTIONAL INTELLIGENCE

RESOURCE PERSON
Mr.MOHAMMED SHABI
M/S IF ELSE TECHNOLOGIES

TIME
10.30 AM TO 12.30 PM

DATE
15-02-2023

Ass.Prof.G.Sulthana Begum
HOD/CSE

Prof.Dr.S. Sathish
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent

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The program on **"Emotional Intelligence"** (EI) provided an insightful exploration into the concept of EI and its significance in both personal and professional development. The speaker emphasized that emotional intelligence is the ability to recognize, understand, manage, and influence emotions in one self and others. It consists of five key components: self-awareness, self-regulation, motivation, empathy, and social skills.

The lecture highlighted how EI plays a critical role in effective leadership, conflict resolution, and building strong interpersonal relationships. A person with high EI is better equipped to handle stress, communicate effectively, and foster positive work environments. The speaker also discussed how emotional intelligence can be developed and improved through practice, such as mindfulness exercises, active listening, and seeking constructive feedback.

Practical examples were shared to illustrate how EI impacts decision-making, collaboration, and productivity in the workplace. The lecture concluded with a reminder that emotional intelligence is just as important as cognitive intelligence (IQ) in achieving success and well-being, both personally and professionally.

Overall, the session underscored that cultivating emotional intelligence is essential for navigating complex social dynamics and for thriving in today's rapidly evolving world.
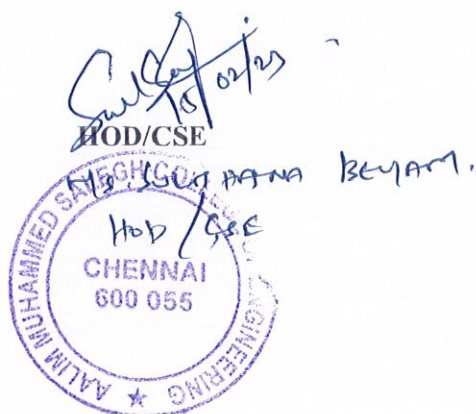
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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

M/S IFELSE TECHSMART SOLUTIONS PRIVATE LIMITED

Internship Report on Front End Development

Internship Period: 08-02-2022 TO 19-08-2022

Internship Mode: Online

Internship Conducted by: IfElse Technologies

Batch: IT, IV Year (Batch 19-23)

Duration: 2 Weeks

1. Introduction

The two-week online internship organized by IfElse Technologies was designed to provide an in-depth understanding of frontend web development. The focus of this internship was on technologies such as HTML, CSS, JavaScript, and the React-JS framework. Over the course of the internship, we were able to explore the core concepts of building responsive and interactive web applications.

This internship not only helped me gain hands-on experience in frontend development but also provided valuable insights into industry-standard practices, version control, and project management techniques. Throughout the internship, I worked on practical projects and gained an understanding of the real-world application of the frontend technologies I had studied in theory.

2. Objectives of the Internship

The main objectives of the internship were:

- To familiarize with the fundamentals of HTML, CSS, and JavaScript.
- To gain proficiency in ReactJS, a popular JavaScript framework for building interactive UIs.
- To learn about responsive web design and ensure web applications are optimized for different devices.
- To work with Git and GitHub for version control and collaboration.

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- To develop a complete web application, integrating frontend technologies with APIs.
- To improve communication and collaboration skills through online working methods and teamwork.

3. Internship Experience

Week 1: Introduction to Front End Development Tools and Technologies

Day 1 to 3

The internship began with an introduction to the foundational tools and technologies used in frontend development. We started with:

- HTML5: We learned the structure of web pages and the importance of using semantic tags for accessibility and SEO.
- CSS3: We covered styling techniques, focusing on layout, typography, color schemes, and how to make websites visually appealing. We also explored the use of Flex box and Grid for creating flexible, responsive layouts.
- Responsive Design: We were introduced to the concept of responsive web design, learning to build web pages that automatically adjust to different screen sizes using media queries.

Day 4 to 5

JavaScript Basics: The internship provided an introduction to JavaScript, where we learned fundamental concepts such as variables, functions, loops, and conditional statements. We explored how JavaScript interacts with HTML and CSS to make web pages dynamic.

Tools Introduced:

- Code Editor (VS Code): Introduction to the Visual Studio Code editor, a powerful tool for frontend development.
- Git and GitHub: We learned how to use Git for version control and how to collaborate effectively through Git Hub, including creating repositories, pushing and pulling changes, and handling merge conflicts.

Week 2: Advanced Front End Development with ReactJS

Day 6 to 8

- ReactJS Introduction: We began with an introduction to ReactJS, a popular JavaScript library for building interactive UIs. The focus was on understanding how React enables us to create reusable and maintainable components.

- JSX: We learned about JSX, which allows us to write HTML elements within JavaScript.
- Components: We learned the basic concepts of functional and class components in React.
- Props and State: We explored how data is passed between components using props and how internal component data is managed using state.

Day 9 to 10

- React Router: We explored React Router, a library used for handling navigation between different views or pages in a React application.
- State Management: We learned about use State for local state management and use Effect for handling side effects like fetching data from APIs.

Day 11 to 12

API Integration: One of the core aspects of the internship was learning to fetch data from an API and display it dynamically in a React application. Using the fetch API, we learned how to send HTTP requests to retrieve data and display it within our React components.

Day 13 to 14

Final Project: We applied all the concepts we learned by working on a final project, where we developed a simple React based web application. My project involved creating a weather application that fetched weather data from an API and displayed it dynamically, allowing users to search for weather updates by city name.

4. Key Skills Acquired

Through this internship, I gained valuable skills and knowledge in the following areas:

- HTML5 & CSS3: A deeper understanding of HTML structure, CSS styling, and creating responsive designs using media queries and Flex box.
- JavaScript: Strengthened my foundational knowledge of JavaScript, particularly in working with dynamic content, manipulating the DOM, and handling events.
- ReactJS: Gained practical experience in building React applications, managing component states, routing between pages, and handling side effects using hooks like use State and use Effect.
- Responsive Web Design: Developed skills in creating websites that adapt to various screen sizes, ensuring a seamless user experience across mobile, tablet, and desktop devices.

- API Integration: Learned how to fetch data from APIs and integrate it into a React application, making the application more interactive and dynamic.
- Version Control (Git): Improved my skills in version control using Git and GitHub, enabling better code management and collaboration with peers.
- Time Management & Communication: Working remotely helped me enhance my ability to manage time effectively and communicate well in an online team setting.

5. Challenges Faced

- Complexity of ReactJS: React's learning curve, especially with hooks, props, and state management, was initially challenging. However, with regular practice and mentorship from the IfElse Technologies team, I was able to overcome these hurdles.
- Debugging JavaScript and React Issues: Debugging React components and JavaScript errors was time consuming at times, but utilizing browser developer tools and React Dev Tools helped me identify and resolve issues faster.
- Remote Working: As the internship was conducted online, maintaining effective communication through digital platforms sometimes posed challenges, but the experience helped me improve my virtual collaboration skills.

6. Conclusion

The twoweek online internship conducted by IfElse Technologies has been an immensely valuable experience in my journey as a frontend developer. I have gained hands on experience with modern frontend technologies, especially ReactJS, and learned how to build dynamic, responsive web applications.

ifelse technologies

CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms. AMAL P** has successfully completed the internship program on **FRONT END DEVELOPMENT** from 08-08-2022 to 19-08-2022

DATE: 23th Aug 2022

SIGNATURE

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ifelse technologies

CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms. JANANI C H** has successfully completed the internship program on **FRONT END DEVELOPMENT** from 08-08-2022 to 19-08-2022

DATE: 23th Aug 2022

SIGNATURE

HOD 22/8/22
DR. ARIF ABDUL RAHUMAN

22/8/2022
Dr. S.SATHISH
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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Felicet Infra Private Limited

The Career Planning and Development Cell organized a training program on "From startup to success: How to build and scale your own business" by Mr. Mohammed Shariff, Team Lead, M/S Felicet Infra Private Limited on 18-10-2022 from 02.30 p.m to 03.50 p.m for final year (CSE, IT, ECE, EEE, Mech, Civil) students. A total of 134 students participated in the session.

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The program "From Startup to Success: How to Build and Scale Your Own Business" provided valuable insights for aspiring entrepreneurs on navigating the challenges of growing a business. The event covered key stages in the entrepreneurial journey, from initial idea generation to scaling a company for long-term success. Experts discussed the importance of validating a business idea through market research, identifying customer needs, and creating a minimum viable product (MVP) to test the market. Emphasis was placed on building a strong business model, creating a compelling value proposition, and developing a brand that resonates with target audiences.

The session also highlighted the significance of securing funding, whether through bootstrapping, venture capital, or crowd funding, and managing cash flow effectively. Attendees learned about hiring and building a resilient team, as well as fostering a company culture that promotes innovation and agility. Scaling strategies, including automation, leveraging technology, and expanding into new markets, were also explored. The event concluded with practical advice on managing growth sustainably, maintaining focus on customer satisfaction, and adapting to market shifts.

Overall, the session provided a comprehensive roadmap for entrepreneurs looking to transform their startups into thriving businesses while avoiding common pitfalls along the way.
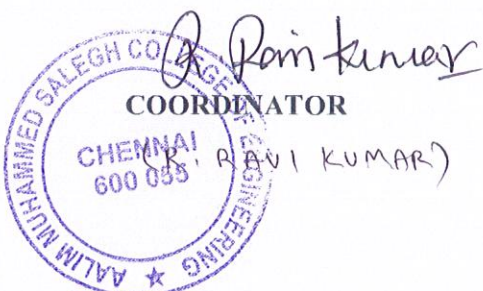
COORDINATOR
(K. RAVI KUMAR)

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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

M/S Felicet Infra Private Limited

Internship Report on Cyber Security

Internship Period: 12-09-2022 TO 23-09-2022

Batch: IV Year, 19-23 Batch

Company: Felicet Infra Private Limited

Mode: Online

Table of Contents

1. Introduction

This internship report outlines the details of the Cyber Security internship program that was conducted by Felicet Infra Private Limited for the IV Year, 19-23 batch from 7th March 2022 to 19th March 2022. The internship took place in an online format, allowing the student to engage with advanced cyber security practices, tools, and real world scenarios. The student gained practical experience in ethical hacking, vulnerability assessments, cryptography, and network security, which were aligned with the learning outcomes of the program.

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2. Company Overview

Felicet Infra Private Limited is an IT solutions company specializing in cyber security, infrastructure management, and cloud computing. They provide state of the art security services to businesses, including penetration testing, vulnerability assessments, and security audits. Felicet Infra's cyber security team employs advanced tools and techniques to safeguard clients from cyber threats, helping them build secure systems and networks. The company is highly regarded for its proactive approach to managing cyber risks and delivering high quality security solutions.

3. Internship Objectives

The main objectives of this internship were:

- To familiarize the student with industry standard cyber security practices and methodologies.
- To provide hands on experience in ethical hacking, penetration testing, and network security.
- To introduce the student to vulnerability assessment and cryptographic techniques.
- To develop the student's skills in using cyber security tools for threat identification and mitigation.
- To help the student understand the ethical, legal, and professional issues in cyber security.

4. Student's Learning Outcomes

Upon completion of the internship, the student demonstrated the following learning outcomes:

1. Understanding Cyber Security Principles: The student gained a deep understanding of core concepts such as the CIA triad, risk management, and attack vectors.

2. Proficiency in Penetration Testing: The student learned to perform ethical hacking, including network scanning, vulnerability assessment, and exploiting vulnerabilities using tools like Metasploit.

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3. Familiarity with Security Tools: The student became proficient in using cyber security tools like Nmap, Wireshark, and OpenVAS for network analysis and vulnerability scanning.

4. Knowledge of Cryptography: The student grasped key cryptographic techniques such as symmetric and asymmetric encryption, hash functions, and their applications in securing data.

5. Incident Response Skills: The student developed the ability to respond to cyber incidents, including analyzing logs, detecting breaches, and implementing recovery steps.

5. Week Wise Modules

The internship was structured into two weeks, with each week focusing on specific modules designed to build the student's knowledge progressively.

Week 1: Introduction to Cyber Security and Ethical Hacking Fundamentals

Module 1: Cyber Security Overview and Best Practices

Introduction to Cyber Security principles: CIA triad (Confidentiality, Integrity, Availability).

Understanding threats, vulnerabilities, and risk management.

Overview of common cyber attacks: Phishing, Malware, Ransomware, SQL Injection.

Importance of network security and firewalls.

Module 2: Ethical Hacking Basics

Introduction to ethical hacking and penetration testing.

Legal and ethical considerations in ethical hacking.

Tools used in ethical hacking (e.g., Kali Linux, Metasploit, Nmap).

Overview of phases in penetration testing: Reconnaissance, Scanning, Gaining Access, Maintaining Access, Clearing Tracks.

Module 3: Network Scanning and Mapping

Introduction to network reconnaissance techniques.

Hands on with Nmap: Network scanning, identifying open ports, services, and vulnerabilities.

Basic network mapping and topology analysis.

Module 4: Vulnerability Assessment

Understanding vulnerability scanning and assessment.

Introduction to OpenVAS for vulnerability scanning.

Identifying and mitigating vulnerabilities in a sample system.

Week 2: Advanced Cyber Security Concepts and Hands on Applications

Module 5: Penetration Testing with Metasploit

Introduction to Metasploit Framework for penetration testing.

Hands on session with Metasploit: Exploiting vulnerabilities, using payloads, and gaining access.

Understanding exploitation techniques like SQL injection and buffer overflow.

Module 6: Cryptography and Data Protection

Fundamentals of cryptography: Symmetric vs. Asymmetric encryption, Hashing algorithms (SHA, MD5).

Implementing encryption and decryption using Python.

Hands on with securing data using AES and RSA encryption techniques.

Module 7: Incident Response and Recovery

Introduction to the Incident Response lifecycle: Detection, Containment, Eradication, and Recovery.

Hands on practice with analyzing security logs to detect suspicious activity.

Techniques for responding to a cyber attack and preventing future breaches.

Module 8: Advanced Tools and Techniques

Introduction to Wireshark for network traffic analysis.

Hands on with Burp Suite for web vulnerability scanning.

Practical session on identifying and mitigating web based attacks (e.g., CrossSite Scripting, SQL Injection).

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6. Tasks and Projects Undertaken

The student worked on several practical tasks and projects, which contributed to their overall learning:

1. Network Scanning and Vulnerability Assessment

Scanned sample networks using Nmap and identified open ports and potential vulnerabilities.

Performed vulnerability assessments using Open VAS and suggested mitigation techniques for identified weaknesses.

2. Penetration Testing on Sample Systems

Used Metasploit to perform penetration tests on intentionally vulnerable systems, exploiting weaknesses like outdated software versions and weak passwords.

Successfully exploited vulnerabilities to gain access and demonstrated ethical hacking practices.

3. Cryptography Tasks

Implemented encryption and decryption techniques using Python, focusing on symmetric and asymmetric encryption methods.

Developed small Python scripts to encrypt and decrypt sensitive data and hash passwords.

4. Incident Response Simulation

Participated in simulated incident response exercises, where the student detected and mitigated security breaches by analyzing logs and traffic data.

Practiced containment and recovery procedures for various types of cyber incidents.

7. Tools and Technologies Used

Throughout the internship, the student utilized a variety of cybersecurity tools that are standard in the industry:

Kali Linux: A popular Linux distribution for penetration testing and ethical hacking.

Metasploit: A framework for exploiting vulnerabilities and performing penetration tests.

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TO WHOM IT MAY CONCERN

This is to certify that **ENAMUL HUK M** of Aalim Muhammed Salegh College of Engineering, Avadi – IAF has successfully completed internship program **"DATA SCIENCE WITH PYTHON"** Course conducted from **08-08-2022 TO 19-08-2022**

With Regards

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TO WHOM IT MAY CONCERN

This is to certify that **HIDARALI A** of Aalim Muhammed Salegh College of Engineering, Avadi – IAF has successfully completed internship program **"DATA SCIENCE WITH PYTHON"** Course conducted from **08-08-2022 TO 19-08-2022**

With Regards

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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Infocare Engineering Services Private Limited

The Career Planning and Development Cell organized a Soft skill training on "Transforming Teams: Building collaboration, creativity and communication" by Mr. Abdul Rahman, Network Engineer, Infocare Engineering Services Private Limited on 21-09-2022 from 02.30 p.m to 3.50 p.m for second year (CSE, IT, ECE) students. A total of 84 students participated in the session.

The program on **"Transforming Teams: Building Collaboration, Creativity, and Communication"** focused on strategies to enhance team work dynamics and foster innovation. Key themes included the importance of open communication channels, trust-building activities, and the role of leadership in creating a supportive team environment. Experts highlighted that collaboration thrives when team members feel psychologically safe to express ideas, take risks, and engage in constructive feedback. Practical tools were provided for improving creative thinking within teams, such as brainstorming techniques, design thinking, and collaborative problem-solving frameworks. Emphasis was placed on recognizing diverse perspectives, which fuels innovation and broadens problem-solving capabilities.

The program also addressed the significance of leveraging technology to improve communication, especially in remote or hybrid team structures. Platforms that encourage idea sharing, document collaboration and real-time discussions were recommended to maintain team cohesion and alignment. Finally, the program underscored the ongoing nature of team development, encouraging participants to regularly assess team dynamics and adapt strategies to evolving needs. By prioritizing trust, effective communication, and creative problem-solving, teams can unlock higher levels of productivity, innovation, and overall success.
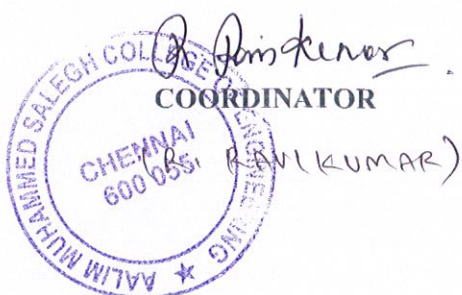
COORDINATOR

(RAVIKUMAR)

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22/09/2022

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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Infocare Engineering Services Private Limited

Internship Title: Data Science with Python

Internship Duration: 8th August 2022 – 19th August 2022

Batch: III Year (2018-2022)

Company Name: Info care Engineering Services Private Limited

Mode of Internship: Online

1. Introduction

The Data Science with Python internship conducted by Infocare Engineering Services Private Limited from 8th August 2022 to 19th August 2022 provided third year students of the 2018-2022 batch with an in depth understanding of key data science concepts and tools, delivered via an online platform. The aim of this internship was to equip students with practical knowledge in Python programming for data science applications, including data analysis, machine learning, and data visualization.

The internship provided the students with an opportunity to enhance their theoretical knowledge by applying it to real world datasets, gain hands on experience in Python, and explore the world of data science and machine learning algorithms.

2. Internship Objectives

The key objectives of the internship were as follows:

- To introduce students to the fundamentals of data science and its various applications in the industry.

- To provide hands on training in Python programming, with a focus on its application in data analysis, statistical modeling, and machine learning.

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- To familiarize students with important Python libraries like Pandas, NumPy, Matplotlib, Seaborn, and Scikitlearn, which are essential for working with data.
- To develop an understanding of the data science workflow, including data cleaning, preprocessing, and visualization, as well as model evaluation and validation.
- To guide students in building machine learning models, from data preprocessing to evaluation.

3. Internship Structure

The internship was structured over a 2week period, with detailed daily sessions and assignments. The content was delivered through online sessions, including lectures, demonstrations, and hands on exercises. Below is an outline of the schedule:

Week 1:
Introduction to Data Science and Python

Overview of data science, its real world applications, and an introduction to Python. Students were familiarized with Python libraries such as NumPy and Pandas for basic data manipulation.

Data Cleaning and Preprocessing

Focus on handling missing data, removing duplicates, data normalization, and encoding categorical variables. Techniques like data imputation and outlier detection were also discussed.

Data Visualization

Introduction to data visualization with Matplotlib and Seaborn. Students learned how to create various types of plots such as histograms, bar charts, line plots, and scatter plots to visualize data distributions and trends.

Week 2:
Statistical Analysis

Concepts like measures of central tendency, variance, hypothesis testing, and probability distributions were covered. The students also learned how to use statistical methods to interpret data.

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Introduction to Machine Learning

The basics of machine learning were introduced, focusing on supervised learning algorithms such as linear regression, decision trees, and K nearest neighbors (KNN). Students were shown how to apply these algorithms using Scikit learn.

Model Evaluation and Validation

This session covered model evaluation techniques such as train test split, cross validation, and evaluation metrics like accuracy, precision, recall, and F1 score.

Handson Project and Wrap up

The students applied their learning to a mini project, building and evaluating a machine learning model. The project was an opportunity for them to showcase their skills and gain practical experience working with a real world dataset.

4. Topics Covered

The internship covered the following key topics:

Data Science Overview: Introduction to data science, types of data, and the role of a data scientist.

Python Programming Basics: Key Python libraries for data science (NumPy, Pandas).

Data Cleaning and Preprocessing: Techniques for handling missing values, outliers, categorical variables, and scaling data.

Data Visualization: Visualizing data distributions, relationships, and patterns using Matplotlib and Seaborn.

Statistical Analysis: Descriptive statistics, probability theory, hypothesis testing, and inferential statistics.

Machine Learning Algorithms:

Supervised Learning: Linear regression, decision trees, KNN.

Unsupervised Learning: Clustering techniques such as K means.

Model Evaluation: Cross validation, evaluation metrics (accuracy, precision, recall, F1 score).

5. Learning Outcomes

By the end of the internship, the students had achieved the following learning outcomes:

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- Proficiency in Python for data analysis and visualization.
- A clear understanding of the data science pipeline, from data collection and cleaning to model building and evaluation.
- Experience in using machine learning algorithms to solve real world problems.
- Ability to evaluate machine learning models using evaluation metrics.
- Strong skills in data visualization, allowing them to effectively present their findings.
- Practical experience working with real world datasets and applying theoretical knowledge to solve complex problems.

6. Final Project Overview

For the final project, students were asked to work on a real world dataset and build a machine learning model. Some of the common projects completed by students included:

Predicting Housing Prices: Students used regression algorithms to predict house prices based on features such as location, size, and amenities.

Customer Segmentation: Students applied clustering techniques to segment customers based on purchasing behavior.

Classification of Iris Species: Using the popular Iris dataset, students applied classification algorithms to predict species based on flower attributes.

These projects allowed students to apply the skills learned throughout the internship and gain hands on experience in solving real world data science problems.

8. Conclusion

The Data Science with Python internship conducted by Infocare Engineering Services was an enriching and educational experience for all participants. The online format proved to be effective in delivering the content and providing students with a comprehensive understanding of data science concepts and tools.

HOD   22|8|22

Dr. Arif Abdul Rahuman

22|8|2022

Dr. S. SATHISH
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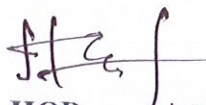COLLEGE OF ENGINEERING
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CERTIFICATE OF COMPLETION

This is to certify that **Mr. /Ms. MOHAMED FAIZAL A** has successfully completed the internship program on **CYBER SECURITY** from 12-09-2022 to 12-09-2022.

DATE: 18th SEP 2022

SIGNATURE

HOD   26/9/2022

Dr. Arif Abdul Rahuman

Dr. S. SATHISH
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COLLEGE OF ENGINEERING
AVADI - IAF, MUTHAPUDUPET
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Nmap: A tool for network scanning and vulnerability assessment.

Wireshark: A network protocol analyzer for inspecting network traffic.

OpenVAS: An open source vulnerability scanning tool.

Burp Suite: A tool for web application security testing.

Python: Used for scripting encryption and decryption tasks.

Shodan: A search engine for discovering internet connected devices and their vulnerabilities.

Felicet

CERTIFICATE OF COMPLETION

This is to certify that **Mr. /Ms. HASWATH R** has successfully completed the internship program on **CYBER SECURITY** from 12-09-2022 to 12-09-2022.

DATE: 18th SEP 2022

SIGNATURE

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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

SAI EDUCATION AND JOB CONSULTANCY PRIVATE LTD

The Department of Mechanical Engineering organized a training program on **"Turning passion into purpose"** was conducted by **Mr. M. Subramani, Sai Education and job Consultancy Private Limited** on 28-03-2023 from 02.30 p.m to3.50p.mforfinalyear(CSE,IT, Mech, EEE, ECE, Civil) students. A total of 117 students attended the session. The students gave their valuable feedback.

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING

Training program on Turning Passion into Purpose

Resource person
Mr. M. Subramani
M/S SAI EDUCATION AND JOB CONSULTANCY PRIVATE LTD

DATE: 28-03-2023
Time: 02.30 p.m to 03.50 p.m

Dr. Ramkumar
HOD/MECH

Dr. S. Sathish
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent

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The program on *"Turning Passion into Purpose"* focused on guiding individuals to align their personal passions with meaningful, purpose-driven careers and lives. Keynote speakers emphasized that passion is the intrinsic motivation that fuels long-term success and fulfillment, while purpose is the deeper sense of direction that gives this passion meaning.

The session outlined practical steps to help attendees transform their interests into actionable goals, such as identifying core values, setting clear intentions, and taking consistent, purposeful action. Workshops encouraged participants to reflect on their strengths, life experiences, and what excites them, providing tools to link these aspects with opportunities that can contribute to societal well-being.

Additionally, experts discussed overcoming common obstacles like fear of failure, societal pressure, and the challenge of financial stability when pursuing one's passion. Success stories of individuals who turned their passions into impactful careers were shared to inspire and motivate attendees. The program concluded with a call to action, urging participants to take small but consistent steps towards discovering and living their purpose, and to stay open to evolving passions as their journeys unfold. Overall, the event underscored that combining passion with purpose leads to a more fulfilling, authentic life.
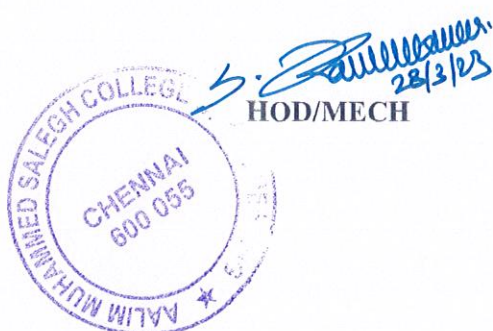
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AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

M/S Vanaaspire Private Limited

The Department of Civil Engineering organized a placement training on **"Beyond the blueprint: skill development in the engineering and construction"** by **Mr. M. Mohamed Shaariq, Trainer, M/S Vanaaspire Private Limited** on 12-08-2022 from 11.00 a.m to 12.30 p.m for Civil students. A total of 32 students participated.

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Approved by AICTE & NAAC Accredited Institution

DEPARTMENT OF CIVIL ENGINEERING

Placement training on beyond the blueprint: skill development in the engineering and construction

DATE: 12-08-2022
Time: 11.00 a.m
to 12.30 p.m

Resource person
Mr. M. Mohamed Shaariq
Trainer, M/S Vanaaspire
Private Limited

Dr.Afzal Ali Baig
HOD/CIVIL

Dr. S. Sathish
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent

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The program **"Beyond the Blueprint: Skill Development in Engineering and Construction"** addresses the growing need for a comprehensive skill set in the engineering and construction sectors. Traditionally, these industries have emphasized technical knowledge and adherence to blueprints, but in today's rapidly evolving environment, there is a heightened focus on developing abroad range of competencies. The session highlights the importance of combining core technical skills with essential soft skills such as communication, leadership, critical thinking, and collaboration. These are crucial for working effectively in multidisciplinary teams and navigating complex, large-scale projects.

Participants will explore emerging trends, such as the integration of digital technologies, Building Information Modeling (BIM), automation, and sustainable practices, which demand new technical proficiencies. The session will also emphasize the importance of adaptability, lifelong learning, and up skilling to stay competitive in an increasingly digital and globalized landscape.

Ultimately, it aims to enhance the ability to design, execute, and maintain complex projects, ensuring success and sustainability in the engineering and construction sectors for years to come. Students enjoyed the session.

HOD/CIVIL

Dr. D. Zunaithur Rahman

PRINCIPAL
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AVADI - IAF, MUTHAPUDUPE
CHENNAI 600 055

12/08/2023

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AVADI - IAF, MUTHAPUDUPE
CHENNAI 600 055

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Vanaaspire Private Limited
INTERNSHIP REPORT ON CLOUD COMPUTING

INTERNSHIP REPORT ON CLOUD COMPUTING
Conducted by Vanaaspire Private Limited
For III Year CSE Students (Batch: 2020-2024)
Period: 12th September 2022 to 23rd September 2022
Online Mode

1. Introduction

This report provides an overview of the Cloud Computing Internship conducted by Vanaaspire Private Limited for the III Year Computer Science and Engineering (CSE) students of the 2020-2024 batch. The internship took place from 12th September 2022 to 23rd September 2022 in an online mode. The internship aimed to provide students with an in-depth understanding of cloud computing concepts, tools, and services, focusing on the practical applications of cloud technologies in the real world.

Cloud computing has become a critical element in modern IT infrastructures, enabling scalable, flexible, and efficient computing resources. With this internship, students gained hands-on experience in working with popular cloud platforms like Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP).

2. About Vanaaspire Private Limited

Vanaaspire Private Limited is a leading technology services and solutions provider, specializing in cloud computing, software development, data analytics, and artificial intelligence. Vanaaspire

offers extensive training programs to bridge the knowledge gap between academic learning and real-world applications. The company works closely with industry-leading cloud providers to impart high-quality training and hands-on experience to students and professionals, making them industry-ready.

3. Objectives of the Internship

The primary objectives of this internship were:

- To provide students with a strong foundational understanding of cloud computing.
- To introduce students to key cloud platforms, including Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP).
- To expose students to cloud computing concepts such as virtualization, cloud storage, networking, and security.
- To give hands-on experience in deploying and managing applications in the cloud.
- To help students understand the importance of cloud services in scaling applications, managing infrastructure, and optimizing costs.

4. Internship Modules and Topics Covered

The internship was divided into four core modules, each focusing on different aspects of cloud computing and providing hands-on training with popular cloud platforms. Below is a detailed overview of each module, the topics covered, and the learning outcomes.

Module 1: Introduction to Cloud Computing

Topics Covered:
- What is Cloud Computing? Understanding its definition and benefits.
- Different types of cloud models: Public, Private, and Hybrid clouds.
- Cloud Service Models: IaaS (Infrastructure as a Service), PaaS (Platform as a Service), and SaaS (Software as a Service).
- Introduction to Virtualization and its role in cloud computing.
- Overview of leading cloud providers: Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP).

Learning Outcomes:

- Students understood the fundamental concepts of cloud computing and its application in modern IT infrastructure.

- They gained knowledge of the various cloud models and service offerings, and understood when to use each.

- Students were able to differentiate between IaaS, PaaS, and SaaS and identified real-world examples of these services.

Module 2: Cloud Platforms and Key Services

Topics Covered:

- Overview of AWS: Core services including EC2 (Elastic Compute Cloud), S3 (Simple Storage Service), RDS (Relational Database Service), and IAM (Identity and Access Management).

- Overview of Microsoft Azure: Key services such as Azure Virtual Machines, Azure Blob Storage, Azure SQL Database, and Azure Networking.

- Overview of Google Cloud Platform (GCP): Core offerings like Compute Engine, Cloud Storage, Cloud SQL, and Google Kubernetes Engine (GKE).

- Comparison between AWS, Azure, and GCP: Key differences and choosing the right cloud provider.

Learning Outcomes:

- Students learned about the core services of the three major cloud providers—AWS, Azure, and GCP.

- They understood the similarities and differences between the cloud platforms, and how to select the appropriate platform based on project requirements.

- Students gained hands-on experience in navigating through the cloud consoles of AWS, Azure, and GCP.

Module 3: Cloud Networking and Security

Topics Covered:

- Virtual Networks: Creating and configuring Virtual Private Networks (VPN), subnets, routing, and firewalls in the cloud.

- Security in the Cloud: Identity and Access Management (IAM), encryption, firewalls, and security best practices.
- Cloud Security: Understanding the shared responsibility model for cloud security and implementing network security policies.
- Backup and Disaster Recovery: Setting up cloud-based backup solutions and disaster recovery planning.

Learning Outcomes:

- Students gained experience configuring and managing networks in the cloud, including setting up virtual networks, subnets, and routing.
- They understood the importance of security in the cloud and implemented IAM roles, policies, and encryption methods.
- Students learned how to safeguard cloud applications and data using security best practices and disaster recovery solutions.

Module 4: Cloud Application Deployment and Cost Management

Topics Covered:

- Deploying Applications in the Cloud: Using cloud services like AWS EC2, Azure Virtual Machines, and Google Compute Engine to deploy applications.
- Cloud Storage Solutions: Configuring cloud storage using services like AWS S3, Azure Blob Storage, and GCP Cloud Storage.
- Scaling Cloud Applications: Using cloud auto-scaling features to handle fluctuating workloads.
- Cost Management and Optimization: Understanding cloud billing models, monitoring costs, and optimizing cloud resources.

Learning Outcomes:

- Students learned how to deploy and manage applications in the cloud using various cloud compute services.
- They gained practical knowledge in configuring and utilizing cloud storage solutions for data management.
- Students understood how to optimize cloud resource usage to reduce costs and ensure efficient scaling of applications.

5. Training Methodology

The internship was conducted online using a combination of live lectures, hands-on labs, and interactive sessions. The methodology included:

- Live Webinars: Experts from Vanaaspire Private Limited delivered interactive sessions, where they explained core concepts and demonstrated the use of cloud services.
- Hands-on Exercises: Students were provided access to cloud platforms (AWS, Azure, GCP) to carry out practical assignments and experiments on deploying cloud applications, setting up virtual networks, and managing resources.
- Assignments: Weekly assignments were given to reinforce the concepts learned during each module. These assignments helped students apply theoretical knowledge to real-world scenarios.
- Capstone Project: At the end of the internship, students were required to complete a capstone project, where they deployed a cloud-based solution, optimized resource usage, and implemented security practices.

6. Outcomes and Evaluation
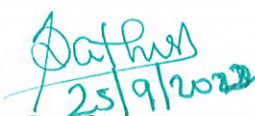
The internship was evaluated based on the following criteria:

- Assignments: Students were assessed on the completion of practical tasks related to cloud service configuration, networking, and application deployment.
- Project Work: The capstone project was evaluated based on the complexity of the solution, use of cloud services, and overall implementation.
- Quizzes and Exams: Regular quizzes and a final exam tested the students' understanding of cloud computing concepts, tools, and security practices.
- Participation: Active participation in live sessions, discussions, and hands-on labs was also a part of the evaluation process.

25/9/2022

HOD

Mr. G. Sultana Begam

25/9/2022

Dr. S. SATHISH

PRINCIPAL

AALIM MUHAMMED SALEGh

COLLEGE OF ENGINEERING

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Date: 26-09-2022

TO WHOM IT MAY CONCERN

This is to certify that **SAKTHIVEL** of Aalim Muhammed Salegh College of Engineering, Avadi – IAF has successfully completed internship program **"CLOUD COMPUTING"** Course conducted from **12-09-2022 TO 23-09-2022**

With Regards

PRINCIPAL
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COLLEGE OF ENGINEERING
AVADI

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Date: 26-09-2022

TO WHOM IT MAY CONCERN

This is to certify that **MD FAHIM** of Aalim Muhammed Salegh College of Engineering, Avadi –
IAF has successfully completed internship program **"CLOUD COMPUTING"** Course conducted from **12-
09-2022 TO 23-09-2022**

With Regards

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AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Date : 23.08.22

TECH MAHINDRA FOUNDATION

The Career Planning and Development Cell is involved in regular placement training for pre final and final year students in Aptitude (Quants, Reasoning, Verbal and soft skills) in the academic year of 2022-2023. They are also imparting the company specific training programme for the benefit of student community.
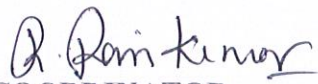
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Communication, aptitude and personality training is imparted for the final year students

Training module consists of

- Communication skills

- Technical aptitude

- General aptitude

- Quantitative reasoning

- Logical reasoning

- Verbal reasoning

- Group Discussion

- Interview skills

Exclusive pre placement training both general aptitude and technical aptitude is carried out by external

training firms, corporate professionals for final year students.

COORDINATOR

(R. RAVI KUMAR)

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AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

Universal Education Consultant Abroad

The Department of Computer Science and Engineering conducted Training program **on Reach Career Highs** by Mrs. S. Sivapriya on 09-05-2023 from 2.30 p.m to 3.50 p.m for final year students. A total of 78 students attended the session.

The training program on **"Reach Career Highs"** aimed to inspire and equip attendees with the tools and strategies needed to advance in their careers. Featuring talks by industry leaders, career coaches, and successful professionals, the session focused on personal branding, skill development, networking, and goal-setting to help participants maximize their potential and accelerate career growth.

The session began with a keynote on the importance of setting clear, actionable career goals. Speakers emphasized the need to periodically reassess personal aspirations and adapt to industry changes to stay competitive. Participants were encouraged to identify their unique strengths, passions, and areas for improvement, as self-awareness is key to charting an effective career path.

A significant part of the session was dedicated to personal branding. Experts explained how building a recognizable and positive professional identity can set one apart in today's competitive job market. Techniques discussed included creating a professional online presence, using social media effectively, and showcasing accomplishments through portfolios and LinkedIn. Attendees learned how to communicate their value clearly to potential employers and industry peers.

Skill development was another core topic, with speakers stressing the importance of both technical and soft skills. They encouraged continuous learning, advising participants to stay updated with the latest industry trends and technologies. Developing soft skills such as communication, leadership, and adaptability was highlighted as equally essential for career growth.

Networking strategies rounded out the session. Participants were guided on building a supportive professional network through attending industry events, joining professional groups, and reaching out to mentors. Panelists shared insights on the value of networking in accessing opportunities and receiving guidance along the career journey. The session concluded with a Q&A session, where participants sought advice on overcoming career challenges and finding motivation. Overall, attendees left with practical strategies and a renewed sense of purpose to reach new heights in their careers, equipped with a clear roadmap for success.

HOD

Drs. SUTHAMA BEYAM
HOD /CSE

PRINCIPAL

09/05/2023

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

ASSOCIATION OF MUSLIM PROFESSIONALS

- Placement training on **"Human capital skill gaps-industry ready"** on *21-03-2023, Tuesday* was conducted by, **Mr. Yahya Rasheed, Global-Head-learning & development, HCL Tech-Digital Workplace Services** for Pre final and final years students. Inauguration by Prof. Dr. S. Sathish, Principal, Aalim Muhammed Salegh College of Engineering. A total of 150 students participated.

ACADEMIA-INDUSTRY CONNECT

AMP CAREER GUIDANCE SEMINAR

CHENNAI CHAPTER

Topic

HUMAN CAPITAL SKILL GAPS-INDUSTRY READY
(PRE FINAL AND FINAL YEARS)

speaker

Mr. Yahya Rasheed

Global Head - Learning & Development,
Business Continuity Planning, Head Global
Delivery Center Chennai, Madurai & Sri Lanka.
HCLTech - Digital Workplace Services

Date & Time: Tuesday, 21st March 2023 at 11:00 am to 12:30 pm

Venue: Aalim Muhammed Salegh College of Engineering,
Nizara Educational Campus, Muthapudupet, IAF, AVADI, Chennai - 600055.

Convenor: Shereen Sultana
Co-convenor: Syed Faheem & Syef Deen Mohamed

ASSOCIATION OF MUSLIM PROFESSIONALS
STRIVING FOR PEACE AND PROGRESS

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AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING
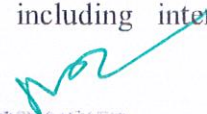AVADI - IAF, MUTHAPUDUPET
CHENNAI 600 055

The training program on **"Human Capital Skill Gaps – Industry Ready"** explored the critical disconnect between skills possessed by graduates and the skills required by industries today. It brought together industry experts, educators, and policymakers to discuss the pressing need to align academic training with practical, market-relevant skills. The session began with a comprehensive overview of the current skills gap, emphasizing that rapid technological advancements and evolving business needs often outpace the traditional educational curricula.

Key speakers highlighted that graduates frequently lack essential soft skills, such as communication, teamwork, and problem-solving, alongside technical proficiencies in areas like data analysis, digital literacy, and AI applications. A significant part of the session was dedicated to understanding the reasons behind these gaps, including outdated curriculum, limited industry exposure, and insufficient internship opportunities. Speakers proposed solutions, stressing the importance of collaboration between academia and industry to update educational content and provide hands-on experiences for students.
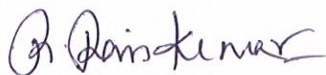
Industry representatives shared successful case studies where companies partnered with educational institutions to design specialized training programs, including internships and

apprenticeships. These initiatives not only helped students gain practical experience but also provided companies with job-ready candidates. The session concluded with a call for creating flexible learning pathways, incorporating technology in education, and fostering continuous learning among students and professionals alike to keep pace with industry changes.

The consensus was clear: bridging the human capital skill gap requires a multi-stakeholder approach, where academia, industry, and government work collaboratively. By adopting this model, the workforce can become more agile and better equipped to meet the demands of the future workplace.

COORDINATOR

(R. RAVI KUMAR)

22/03/2023

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CHENNAI 600 055

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

ASSOCIATION OF MUSLIM PROFESSIONALS

- Placement Training on *"Resume Writing, Interview skills & Job searching strategies"* on *23-01-2024, Tuesday* by **Mr. Mohammed Mansur, Psychologist, Training Specialist Global at Grundfos**. Inauguration by Prof. Dr.S.Sathish, Principal, Aalim Muhammed Salegh College of Engineering.

AMP'S
CAMPUS TO CORPORATE TRAINING PROGRAM

Exclusively for the Students of Aalim Muhammed Salegh College of Engineering, Chennai

TOPIC

RESUME WRITING, INTERVIEW SKILLS & JOB SEARCHING STRATEGIES

Speaker:
MR. MOHAMMED MANSUR
Psychologist, Training Specialist Global at Grundfos

Date: Tuesday, 23 January 2024
Time: 10:00 AM to 12:30 PM (IST)

Venue: Aalim Muhammed Salegh College of Engineering

Please register on the link below:
www.tinyurl.com/OfflineETPRegistration

Convenor:
Mrs. Shereen Sultana

AMP ASSOCIATION OF MUSLIM PROFESSIONALS
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MOU

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The placement training program on **"Resume Writing, Interview Skills & Job Searching Strategies"** provided invaluable insights into crafting effective resumes, mastering interview techniques, and developing smart job-search strategies to enhance employability. The event brought together career coaches, HR professionals, and recruitment experts to equip participants with practical skills for securing their desired positions in today's competitive job market.

The session on resume writing emphasized the importance of clarity, relevance, and customization. Experts advised tailoring resumes for each application, highlighting achievements over responsibilities, and using action verbs to convey impact. Key points included keeping resumes concise, using keywords from the job description to pass Applicant Tracking Systems (ATS), and ensuring a clean, professional layout. Additionally, presenters discussed the importance of including a strong summary statement that reflects one's strengths and career goals.

Interview skills training covered both behavioral and technical aspects of interviewing. Participants learned techniques to prepare for common questions like "Tell me about yourself" and "What are your strengths and weaknesses." Speakers emphasized the STAR method (Situation, Task, Action, Result) for answering behavioral questions and recommended practicing responses to build confidence. Attendees were advised to research the company thoroughly, dress professionally, maintain eye contact, and follow up with a thank-you email post-interview.

The final segment addressed job search strategies, focusing on networking, leveraging LinkedIn, and using job portals effectively. Attendees were encouraged to expand their professional networks by attending events, connecting with alumni, and participating in online forums. Tips were shared on optimizing LinkedIn profiles, creating a compelling headline, and engaging in relevant industry groups to increase visibility.

The session concluded with a Q&A session, where participants sought personalized advice. The event underscored the importance of strategic preparation, continuous learning, and a proactive approach to job hunting, leaving attendees better prepared to navigate the job market with confidence.

COORDINATOR

(R. RAVI KUMAR)

23/01/2024

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AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

ASSOCIATION OF MUSLIM PROFESSIONALS

- Training program on "*Drug Abuse-Alarming Rise Prevention and safeguards*" on *21-03-2023, Tuesday* by **Dr. Niha Rumaisa, Consultant Psychiatristat, ARK Hospital, Velachery** for First and Second year students.

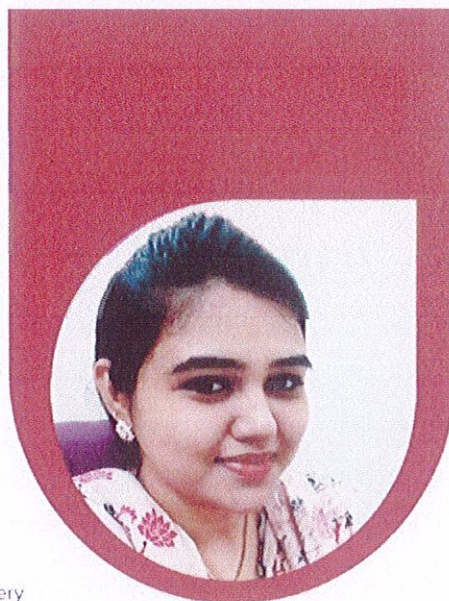**ACADEMIA-INDUSTRY CONNECT**
AMP CAREER GUIDANCE SEMINAR
CHENNAI CHAPTER

Topic
DRUG ABUSE- ALARMING RISE PREVENTION AND SAFE GUARDS.
(1 & 2 YEAR)

speaker

Dr. Niha Rumaisa
MBBS, MD (Psychiatry)
Consultant Psychiatrist at ARK Hospital, Velachery

Date & Time: Tuesday, 21st March 2023 at 11:00 am to 12:30 pm

Venue: Aalim Muhammed Salegh College of Engineering, Nizara Educational Campus, Muthapudupet, IAF, AVADI, Chennai - 600055.

Convenor: Shereen Sultana
Co-convenor: Syed Faheem & Syef Deen Mohamed

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The training program on **"Drug Abuse – Alarming Rise, Prevention, and Safeguards"** addressed the escalating issue of drug misuse and highlighted effective strategies to combat its spread, particularly among youth. This event brought together healthcare professionals, law enforcement officers, educators, and community leaders to examine the reasons behind the rise in drug abuse and discuss preventive measures.

The opening session provided an overview of the current drug abuse landscape, noting an alarming increase in usage, especially of prescription drugs and synthetic substances. Experts discussed the factors contributing to this trend, including peer pressure, mental health challenges, and easy availability of drugs. They emphasized the vulnerability of adolescents, who are often influenced by social media, pop culture, and the desire to experiment. The speakers underscored the importance of early intervention and community awareness in curbing the rise of substance abuse.

Preventive measures took center stage, with a focus on educational programs, school-based initiatives, and parental involvement. Panelists suggested incorporating drug education into school curriculums and conducting workshops to equip students with skills to resist peer pressure. Community-based programs were highlighted as vital in spreading awareness and providing resources for at-risk populations. Law enforcement officials stressed the importance of monitoring

drug distribution networks and implementing strict legal actions against drug traffickers.

The session also explored safeguarding mechanisms such as hotlines, counseling services, and support groups that can provide immediate assistance to individuals struggling with addiction. Mental health professionals advocated for the integration of mental health support within preventive frameworks to address underlying issues like anxiety and depression, which often lead to substance abuse.

The session concluded with a call for a collaborative approach to tackle drug abuse. Attendees agreed that parents, schools, communities, and policymakers must work together to create a safer, drug-free environment for future generations. This multi-pronged approach was deemed essential to protect individuals and strengthen societal resilience against drug misuse.

COORDINATOR

(R. RAVIKUMAR)

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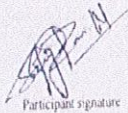## AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-2023

ASSOCIATION OF MUSLIM PROFESSIONALS

- Training Program on "*Personality Development*" on*10-04-2023,Monday* by **Mr. Mohammad Rafiq, Entrepreneur and Trainer** in Technical and soft skills for final year students.
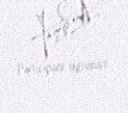
FEEDBACK FORM

Reg No: 110120104054
Name of the Student: Sobiya
Dept, Year, Section: CSE, III, B
Name of the Speaker: Mr. Mohammad Rafiq
Entrepreneur and Trainer in Technical & Soft Skills
Topic: Personality Development
Timing: 11.30 A.M to 01.00 P.M

Please 'ϟ' the option you find most suitable.
Note: 5 - Best, 3 - Average, 1 - Poor

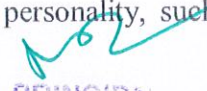| S No	Particulars	5	4	3	2	1
1	Are you satisfied with the time and venue?			✓		
2	How relevant was the content discussed by the speaker?			✓		
3	How much interesting this session was for you?					
	Subject content			✓		
	Technical Presentation by Faculty			✓		
4	Did the lecture cover what you were expecting?			✓		
5	Overall effectiveness of the lecture			✓		
6	How was the overall organization of the lecture?			✓		

Additional comments and suggestions:

Participant signature

Date: 10-04-2023

The training program on **"Personality Development"** focused on the importance of building a well-rounded personality to enhance personal and professional success. Experts in psychology, communication, and professional development discussed various aspects of personality, including self-confidence, communication skills, emotional intelligence, and positive thinking. The session aimed to help participants understand themselves better, develop key interpersonal skills, and cultivate a mindset conducive to growth and adaptability.

The session began with an introduction to the components of personality, such as attitudes,

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behaviors, and motivations, and their impact on personal and social relationships. Speaker emphasized the role of self-awareness as the foundation of personality development, encouraging participants to recognize their strengths and areas for improvement. Practical exercises were provided to help attendees increase self-confidence and build resilience in the face of challenges.

A significant part of the session focused on communication skills, highlighting the importance of both verbal and non-verbal communication. Presenters shared techniques for improving active listening, expressing thoughts clearly, and maintaining a confident body language, all of which are essential for effective interpersonal interactions. Participants were also introduced to emotional intelligence (EQ) as a critical component of personal and professional relationships. Through case studies and interactive sessions, they learned how to manage their emotions, empathize with others, and handle conflicts constructively.

Positive thinking and goal-setting were emphasized as crucial tools for personal growth. Participants were guided on techniques to develop a positive mindset, manage stress, and stay motivated. The session concluded with a discussion on continuous learning and adaptability, encouraging attendees to embrace change and view setbacks as opportunities for growth.

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Overall, the session provided valuable insights and practical strategies for personal development. Participants left with a clearer understanding of the importance of personality development in achieving success and were equipped with tools to make positive, lasting changes in their personal and professional lives.

COORDINATOR

(R. RAVI KUMAR)

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AVADI IAF, CHENNAI-55

ACTIVITIES UNDER MOU

Academic Year: 2022-23

Company Name : Association of Muslim Professionals (AMP)

Internship Training Report

Name of Intern: Mohamed Sufiyan and Sriman Pandi (2019-23 Batch)

Degree Program: B.E - Mechanical Engineering

Duration: 1 Month (05/12/22 to 02/01/23)

Company Name: Association of Muslim Professionals (AMP)

Supervisor: Mr. Abdul Razak Shaikh, Manager/AMP

Week 1: Orientation and Introduction to the Industry

Objectives:

- Familiarize with AMP's operations, workplace culture, and organizational goals.

- Understand the role of mechanical engineering in AMP's projects.

Activities:

- Attended orientation sessions led by the HR and technical teams to understand company policies and safety protocols.

- Reviewed past projects and case studies relevant to mechanical engineering.

- Received a tour of the workshop and engineering facilities, including introductions to key team members.

Skills Developed:

- Gained insights into project planning, team collaboration, and engineering safety measures.

Week 2: Basics of Mechanical Design and Analysis

Objectives:

- Learn the fundamentals of CAD (Computer-Aided Design) software and begin working on simple mechanical design tasks.

- Understand the analysis and troubleshooting processes in mechanical engineering.

Activities:

- Attended a CAD training session to learn basic design principles and software usage.

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- Assisted senior engineers with design modifications and reviewed designs for existing components.

- Learned about finite element analysis (FEA) techniques and observed the senior engineers applying FEA to test designs under simulated stress conditions.

Skills Developed:

- Improved proficiency in CAD software.

- Acquired basic knowledge of FEA and mechanical analysis processes.

Week 3: Hands-On Mechanical Engineering Projects

Objectives:

- Apply theoretical knowledge to real-world engineering problems.

- Contribute to ongoing projects under the supervision of a mentor.

Activities:

- Worked on a team project involving the design and testing of a small mechanical component.

- Participated in hands-on activities such as assembling components and conducting basic performance tests.

- Engaged in troubleshooting exercises to identify and resolve design flaws, supported by team feedback.

Skills Developed:

- Gained experience with mechanical assembly and testing.

- Enhanced problem-solving and troubleshooting abilities in a real-world context.

Week 4: Project Completion, Documentation, and Final Presentation

Objectives:

- Complete assigned tasks and document findings.

- Present the final project to the team, showcasing learning and contributions.

Activities:

- Finalized the design project with necessary adjustments based on testing outcomes.

- Documented all steps, methodologies, and findings of the project.

- Presented a summary of the project work, challenges encountered, and solutions developed to the AMP team.

Skills Developed:

- Strengthened technical documentation and presentation skills.

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- Gained confidence in communicating complex technical information to non-technical stakeholders.

This one-month internship provided invaluable practical experience in mechanical engineering within a professional setting. I gained foundational skills in CAD, learned about FEA, participated in hands-on assembly and troubleshooting, and improved my documentation and presentation skills. This experience has prepared me for future engineering challenges and helped clarify my career interests in the field of mechanical engineering.

S. Ramkumar
04/01/2023

HOD
Dr. Ram kumar

Sathish
04.01.2023

Dr. S. SATHISH
PRINCIPAL

AMP
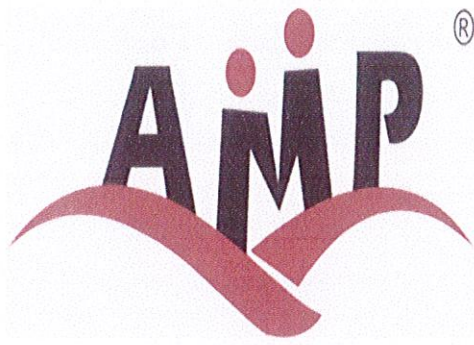
ASSOCIATION OF MUSLIM PROFESSIONALS

## STRIVING FOR PEACE AND PROGRESS

Certificate of Appreciation

Mohamed Sufiyan

This is to certify that the above Mechanical Engineering student (2019-23 Batch) of Aalim Muhammed Salegh College of Engineering, Chennai has successfully completed an internship program in our company from 05-Dec-2022 to 02-Jan-2023.

Date: 04-Jan-2023

Razak

Mr.Abdul Razak Shaikh / Manager

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CHENNAI 600 055

ASSOCIATION OF MUSLIM PROFESSIONALS

STRIVING FOR PEACE AND PROGRESS

Certificate of Appreciation

Sriman Pandi

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CHENNAI - 600 055

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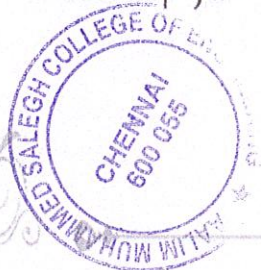
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ACTIVITIES UNDER MOU

Academic Year: 2022-2023

UNITED KNOWLEDGE EDUCATION CONSULTATIONS PVT. LTD

Department of Mechanical Engineering conducting a **Awareness program on Higher studies in foreign countries** by Mr. Senthil Kumar on 14-02-2023 at 11.00 a.m for final year students. The Head of the Department Dr. Ramkumar inaugurated the speaker.
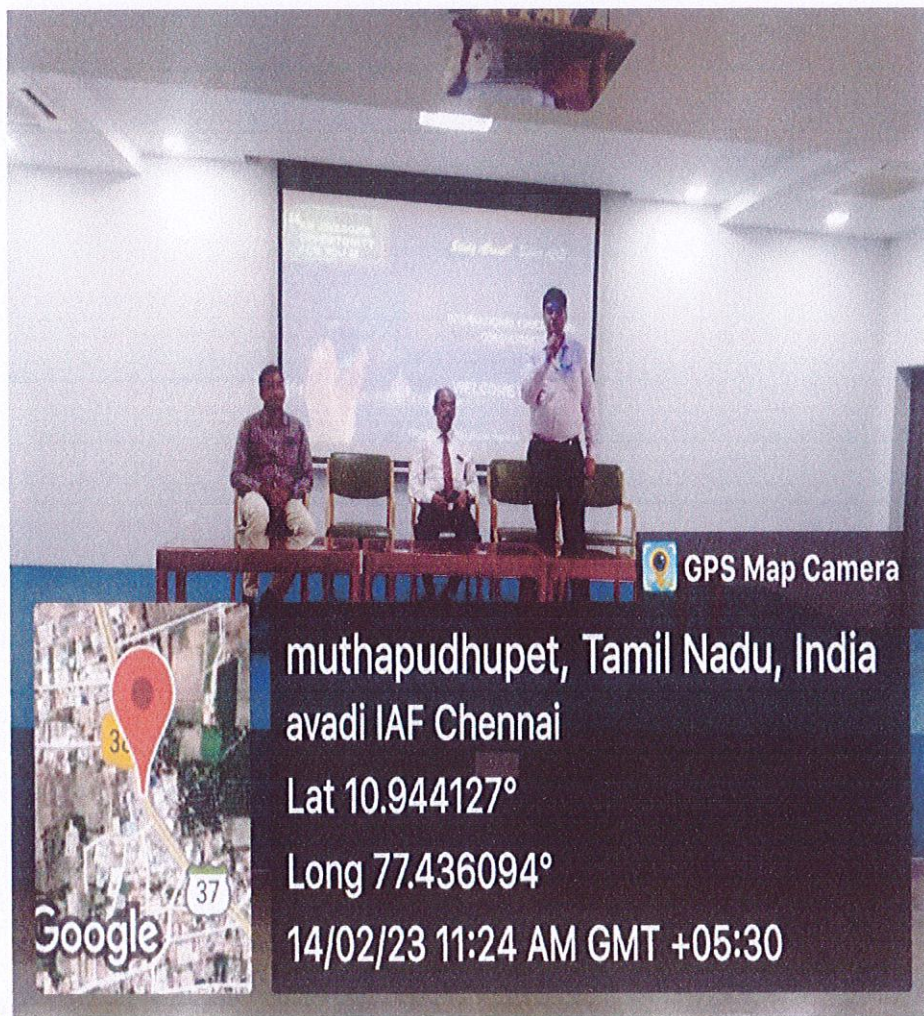

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muthapudhupet, Tamil Nadu, India
avadi IAF Chennai
Lat 10.944127°
Long 77.436094°
14/02/23 11:24 AM GMT +05:30

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The awareness program on "Higher Studies in Foreign Countries" provided aspiring students and their families with a comprehensive guide to pursuing education abroad. The session featured university representatives, education counselors, and alumni, who shared valuable insights into the academic, financial, and cultural aspects of studying overseas. The program aimed to clarify the processes, benefits, and challenges of international education, while guiding students to make informed decisions about their academic futures.

The session began with an overview of popular study destinations such as the United States, United Kingdom, Canada, Australia, and European countries. Speakers discussed the advantages of studying abroad, including exposure to diverse cultures, access to high-quality education, advanced research
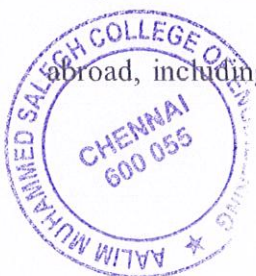
facilities, and the opportunity to build a global network. They emphasized that international degrees could significantly enhance career prospects by broadening students' perspectives and increasing their employability.

A major segment of the program was dedicated to explaining the application process. Counselors guided students on researching suitable universities, preparing required documentation, and understanding the importance of standardized tests like GRE, GMAT, TOEFL, and IELTS. Presenters also highlighted the importance of crafting a compelling personal statement, securing strong recommendation letters, and preparing for interviews. Additionally, the program offered guidance on securing scholarships, assistantships, and other financial aid options to help manage the cost of international education. The session also covered visa requirements and the documentation necessary for a smooth transition to studying abroad. Alumni shared their personal experiences, offering tips on adapting to a new culture, managing finances, and making the most of the international study experience. In conclusion, the program underscored that with careful planning and a proactive approach, studying abroad can be a rewarding and transformative experience.

HOD 14/2/23

15/02/2023

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