Academic Year 2019-20

Sl. No	Name of the MoU	Purpose of the MoU	Descriptions of activities conducted	Page No
1	Michelin India Private Limited	On Job Training Program	1. Placement training program on Career Planning Guidance 2. Student Internship	2-7
2	Igrow Global Solutions Pvt. Ltd	Technical/General/Managerial Competencies (Industry-Academic relationship), Placement training	Placement training program on Bridging the gap: Importance of value added courses in Engineering Education	8-9
3	Suyam Charitble Trust	Teaching and research program/publication of books/technical papers/ R&D consultancy	FDP on Empowering Education through E-learning and Digital tools	10-12
4	K.J Research Foundation. K.J.Hospital Research & Post Graduate Center	Research, FDP, On Job / Placement Training program for faculties and students	Placement Training program on Risk Management	13-15
5	Aspiring Minds Assessment Pvt.Ltd	Pre-employment skill assessment program and Placement training	1. Employment Training Program on Python and its real time application 2. Student Internship	16-21
6	Mosook Training Academy & Consultants Pvt Ltd	Certificate course in IT in infrastructure management (training program)	1. Soft skill Training Program on Engineering and IoT in Green Computing 2. Training program on Bridging the Gap between Academia and Industries 3. Student Internship	22-29
7	Girnarsoft Education Services Pvt.Ltd	College admission and Digital Marketing	Skill based Training program on Data Analytics using python	30-31
8	Seger Overseas Pvt.Ltd	Abroad programs, seminar, awareness program	Placement Training program on Contemporary career opportunities in MEP & BIM	32-34

ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

1. Michelin India Private Limited

TOPIC: INDUSTRIAL KNOW HOW AND MAINTENANCE.

DATE: 3RD JULY 2018

NAME OF THE SPEAKER: EXECUTIVE FROM MICHELIN.

       During this session, he delivered the process of ensuring machinery, equipment, and facilities in industrial settings are kept in good working condition to maximize their efficiency, reliability, and lifespan. A total of 110 students attend this session. the students gave their valuable feedback.
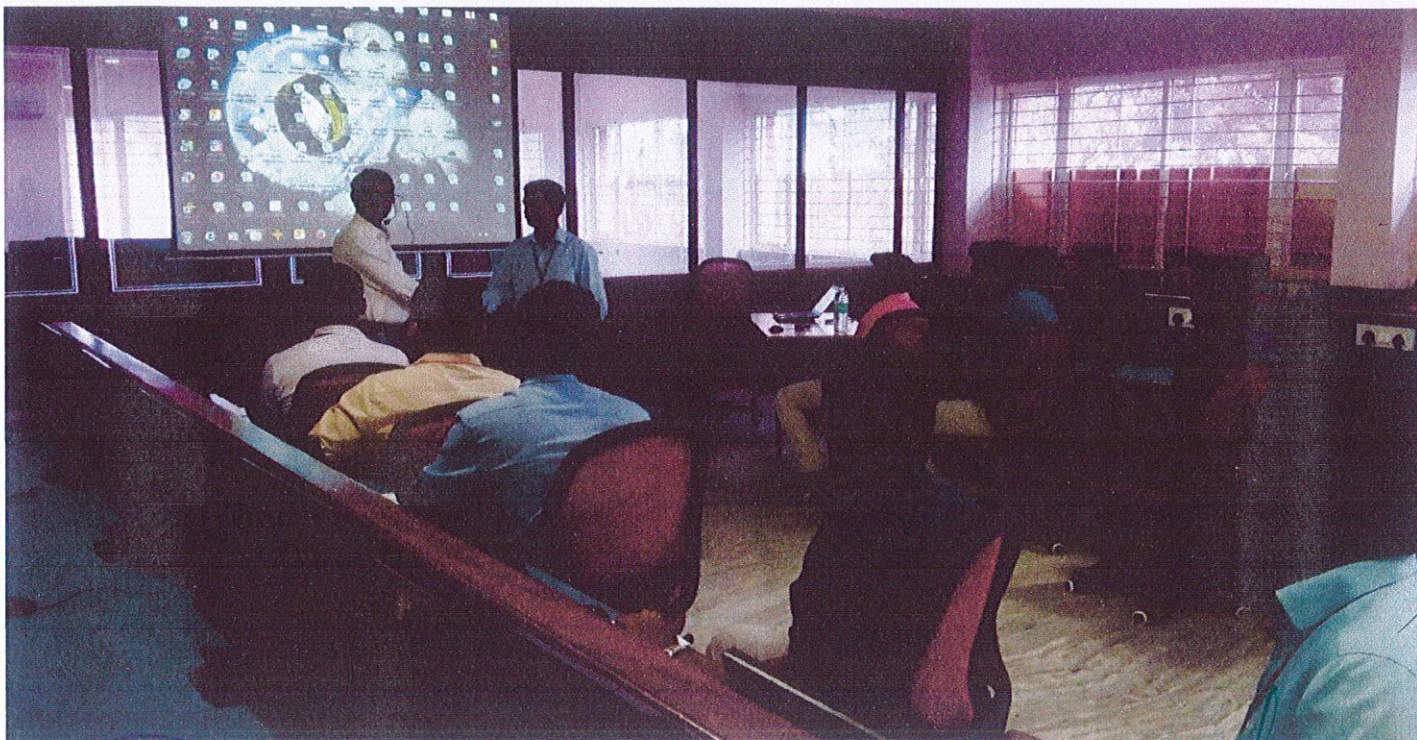

Fig: Seminar on industrial know how and maintenance

HOD
Mr. A. AMANULLAH

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Dr. M. AFZAL AH BAIG
PRINCIPAL
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COLLEGE OF ENGINEERING
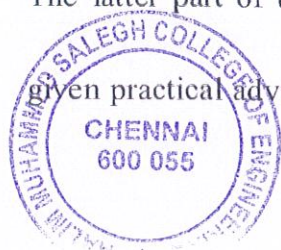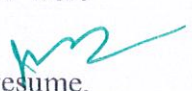AVADI - IAF, MUTHAPUDUPET
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The **Career Planning and Guidance** session was conducted with the objective of helping students and early-career professionals navigate their career paths effectively. The session, which attracted participants from various academic backgrounds, aimed to provide practical insights and tools for making informed decisions in the competitive job market.

The session began with a focus on self-assessment as a critical first step in career planning. Experts guided participants through exercises to identify their personal strengths, interests, values, and skills. This process helped attendees recognize how their academic background and personal attributes align with potential career choices. The importance of self-awareness in determining a fulfilling and sustainable career was emphasized throughout the discussion.

Next, the session explored the process of career exploration, where industry professionals shared insights into various sectors and job roles. They discussed in-demand skills such as digital literacy, problem-solving, and soft skills like communication and teamwork, which are highly valued by employers. The speakers also highlighted the growing opportunities in emerging fields like data science, artificial intelligence, and sustainability, encouraging participants to stay open-minded about new career avenues.

The latter part of the session was dedicated to career development strategies. Attendees were given practical advice on how to build a strong professional network, craft an effective resume,

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and prepare for job interviews. Special emphasis was placed on using online platforms, particularly LinkedIn, for personal branding and career growth. Additionally, the session stressed the importance of continuous learning and staying adaptable in the face of a rapidly changing job market.

In conclusion, the session provided valuable guidance on how to assess career options, build skills, and plan for professional success. Participants left with a clearer understanding of how to approach career development, equipped with actionable strategies to achieve their goals.

COORDINATOR

Mr. K. RAVIKUMAR

Dr. M. AFZAL ALI BAI

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ACTIVITIES UNDER MOU

Academic Year: 2019-20

Internship Program Report

Program Title: Industrial Safety Internship

Duration: November 3, 2020 – December 5, 2020

Conducted by: Michelin India Private Limited

Overview

The **Industrial Safety Internship Program** was organized to provide students with comprehensive knowledge and practical experience in industrial safety practices. This program aimed to familiarize participants with essential safety protocols, hazard management, and risk assessment techniques, ensuring a solid understanding of maintaining a safe work environment within industrial settings.

Objectives

1. To educate students on the principles and importance of industrial safety.
2. To train participants in identifying and managing potential hazards in industrial settings.
3. To provide hands-on experience with safety procedures and equipment.
4. To enhance awareness of regulatory standards and safety compliance requirements.
5. To cultivate a safety-first mindset that participants can carry into their future careers.

Participants

A total of **seven students** successfully completed the program. They demonstrated a clear understanding of industrial safety protocols and earned completion certificates as recognition of their efforts and learning.

Participant List (Example):

1. Mr. Zubair Basha
2. Mr. Mohamed Asfar
3. Mr. Salim

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4. Ramkumar
5. Navin Kumar
6. Habeeb Rahman
7. Mohamed Abuthakir

Program Activities

1. **Workshops**: Interactive sessions covering safety protocols, emergency procedures, and workplace hazard identification.
2. **Practical Training**: Hands-on exercises with safety gear, fire extinguishers, and first aid kits to ensure students can respond effectively in case of emergencies.
3. **Simulations**: Participants engaged in safety drills and real-life scenario simulations to practice their responses to potential industrial accidents.
4. **Assessment**: Weekly assessments and a final exam were conducted to gauge participants' understanding and readiness in applying safety procedures.

Key Outcomes

- All seven participants acquired foundational skills in industrial safety and risk management.
- Students gained hands-on experience with safety equipment and the protocols needed to maintain a safe industrial environment.
- Each participant demonstrated the ability to identify and mitigate risks, contributing to a culture of safety awareness.

Feedback and Observations

- **Positive Aspects**: Students valued the interactive sessions and simulations, which made the learning process engaging and practical.
- **Areas for Improvement**: Participants suggested incorporating more advanced safety scenarios and extending the program to cover additional topics.

The **Industrial Safety Internship Program** was successful in equipping the students with essential skills and knowledge in industrial safety. This experience has prepared them to adhere to safety standards and protocols, an asset for their future careers in industrial environments.

- **Program Coordinator**: Vivek Pandey
- **CEO**: Shantanu Deshpande

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AVADI

MICHELIN
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CERTIFICATE
OF INTERNSHIP

This is to certify that,

Mr. ZUBAIR BASHA

He/she has successfully completed the internship program on Industrial Safety from 03-11-2020 to 05-12-2020.
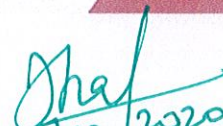
Shantanu Deshpande
———————————
CEO

VIVEK PANDEY
———————————
PROGRAM COORDINATOR

MICHELIN
A BETTER WAY FORWARD

CERTIFICATE
OF INTERNSHIP

This is to certify that,

Mr. MUHAMMED ASFAR

He/she has successfully completed the internship program on Industrial Safety from 03-11-2020 to 05-12-2020.

SHANTANU DESHPANDE
———————————
CEO

VIVEK PANDEY
———————————
PROGRAM COORDINATOR

HOD

G. Sultana Begam

PRINCIPAL

PRINCIPAL
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ACADEMIC YEAR: 2019-2020

Igrow Global Solutions Pvt.Ltd

The Department of Mechanical Engineering organized a Technical program on **"Bridging the gap: Importance of value added courses in Engineering Education"** on 08-07-2019 from 11.00 a.m to 12.30 p.m by Mr. Elango Ramasamy, Igrow Global Solutions Private Limited for IInd and IIIrd year Mechanical students. A total of 76 students attended the session.

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NAAC PALS

TNEA Counselling CODE: **1101**

DEPARTMENT OF MECHANICAL ENGINEERING
ORGANIZED

TECHNICAL PROGRAM :	DATE 08-07-2019

"BRIDGING THE GAP: IMPORTANCE OF VALUE ADDED COURSES IN ENGINEERING EDUCATION"

Resource Person :

Mr. Elango Ramasamy
Igrow Global Solutions Pvt. Ltd

Timing :

11.00 AM to 12.30 PM

CHENNAI
600 055

Prof. Dr. S. Sathish
HOD/MECH

Dr.Afzal Ali Baig
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent
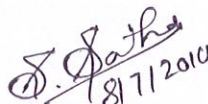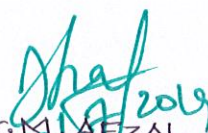
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The technical program focused on the growing need for value-added courses in engineering education to bridge the gap between academic learning and industry demands. In today's fast-evolving technological landscape, engineering curricula often fall short of equipping students with the practical skills and specialized knowledge required by employers. Value-added courses, which are supplementary to traditional degree programs, address this gap by offering advanced, industry-relevant training.

Key topics covered in the session included the role of value-added courses in enhancing technical expertise, such as data science, artificial intelligence, and machine learning, alongside soft skills like leadership, communication, and teamwork. These courses are designed to increase employability, offering students certifications and competencies that are highly valued in the job market. The technical talk concluded by highlighting that such courses are essential not only for improving technical capabilities but also for preparing students for real-world challenges, making them more competitive and well-rounded professionals.

8/7/2019

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Dr. M. AFZAL ALI BAIG
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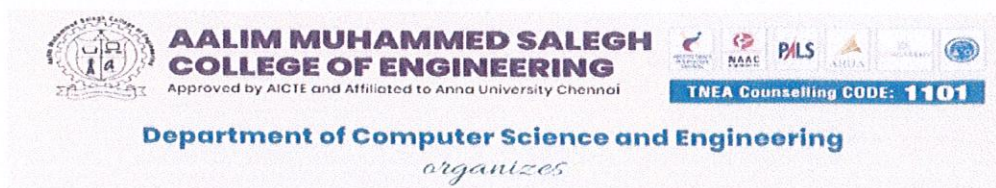COLLEGE OF ENGINEERIN
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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2019-2020

Suyam Charitable Trust

The Department of Computer Science and Engineering organized a Two days Faculty Development Program(FDP) on **"Empowering Education through E-learning and Digital tools"** from 03-10-2019to 05-10-2019 by Mr. Shahil Islam, Software Development Engineer, UiPath Solutions. A total of 37 participants attended.

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TNEA Counselling CODE: 1101

Department of Computer Science and Engineering
organizes

TWO DAYS FACULTY DEVELOPMENT PROGRAM (FDP)

FROM 03-10-2019 TOO 05-10-2019

"Empowering Education through E-learning and Digital tools"

Suyam Charitable Trust

Resource Person :

Mr. Shahil Islam

Software Development Engineer, Uipath Solutions

Timing :
10.00 AM to 12.30 PM

Prof. Dr.R.Shanker	Dr.Afzal Ali Baig	Alhaj S Segu Jamaludeen
HOD/CSE	Principal	Secretary & Correspondent

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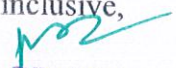AVADI - IAF, MUTHAPUDUPET
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The two-day Faculty Development Program (FDP) on **"Empowering Education through E-Learning and Digital Tools"** was designed to equip faculty members with the necessary skills to integrate modern e-learning platforms and digital tools into their teaching methodologies. The program, attended by educators from various disciplines, aimed to enhance their understanding of digital teaching tools, improve the learning experience, and promote active, student-centered learning in the digital age.

The first day of the FDP focused on the fundamentals of e-learning. Experts discussed the evolving landscape of education, particularly the shift towards online and hybrid learning environments. The session introduced faculty members to key e-learning platforms like Moodle, Google Classroom, and Microsoft Teams, which enable seamless course delivery, content sharing, and communication with students. Participants were trained on how to create and manage online courses, upload materials, design quizzes and assessments, and facilitate collaborative learning.

A significant portion of the day was dedicated to exploring the pedagogical benefits of blended learning and flipped classrooms. Trainers demonstrated how these models allow students to access content at their own pace and engage in more interactive and participatory activities during live sessions. The session also covered the importance of designing inclusive, accessible content that meets the needs of diverse learners.
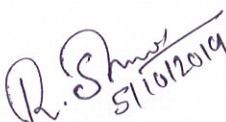
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The second day of the program delved into digital tools for enhancing student engagement and assessment. Faculty were introduced to tools like Kahoot, Padlet, and Quizizz for creating interactive quizzes, polls, and discussions that boost student participation and feedback. Additionally, the use of simulation tools, virtual labs, and multimedia content was explored to enrich the learning experience.
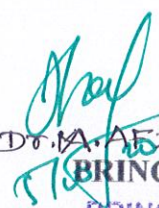
The final session focused on the challenges of online teaching, such as maintaining student motivation, managing technology issues, and ensuring academic integrity. Best practices for online communication, fostering collaboration, and adapting to the challenges of remote teaching were shared.

In conclusion, the FDP successfully empowered faculty members with the knowledge and skills to leverage digital tools and e-learning platforms to enhance their teaching. Participants left with practical insights on how to create engaging, dynamic, and student-centered learning environments, ultimately fostering a more effective and inclusive educational experience.

5/10/2019

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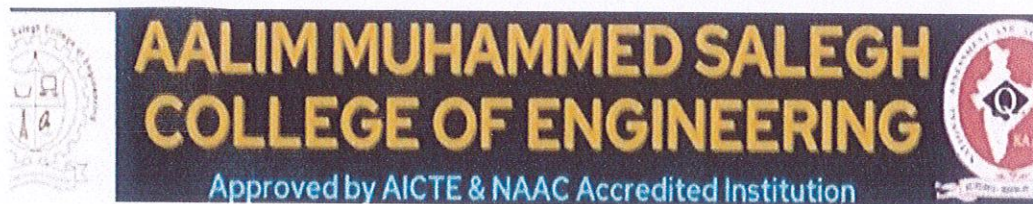AVADI - IAF, MUTHAPUDUPE
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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2019-2020

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

The Department of Electrical and Electronics Engineering organized a training program on **"Risk Management"** 05-08-2019 from 2.30 to3.50p.m by Mr.S.Saravanaram. A total of 32 students attended the session.

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Approved by AICTE & NAAC Accredited Institution

DEPARTMENT OF ELECTRICAL AND ELECTROINCS ENGINEERING

TRAINING PROGRAM ON RISK MANAGEMENT

Resource person
MR.S. Saravanaram

DATE: 05-08-2019
Time: 2.30 p.m to 3.50 p.m

Asst. Prof. A. MohanaSundaram	Prof.Dr.S.Sathish	Alhaj S Segu Jamaludeen
HOD/EEE	Principal	Secretary & Correspondent

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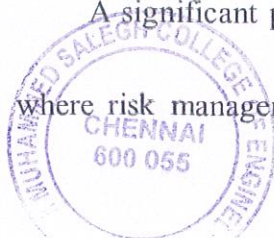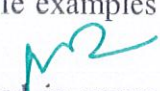AVADI - IAF, MUTHAPUDUPE
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The training program on **Risk Management** was conducted to provide participants with a comprehensive understanding of identifying, assessing, and mitigating risks in various organizational contexts. The event, attended by professionals, managers, and students, aimed to equip them with practical tools and strategies to manage both operational and strategic risks effectively.

The session began with an introductory session that highlighted the importance of risk management in today's dynamic business environment. Experts in the field discussed the key concepts of risk, including types of risks (financial, operational, strategic, and compliance), risk assessment methodologies, and the critical need for proactive risk management to safeguard organizational interests. The presenters emphasized the increasing complexity of risks due to factors like technological advancements, regulatory changes, and global market volatility.

The session also covered various risk management frameworks and standards, such as ISO 31000 and COSO, detailing how organizations can use these frameworks to develop a structured approach to risk identification, analysis, and response. Practical tools such as risk matrices, risk registers, and scenario planning were demonstrated, giving participants insights into how to assess risks, prioritize them, and formulate effective risk mitigation plans.

A significant portion of the session was dedicated to case studies and real-life examples where risk management strategies either succeeded or failed. Participants engaged in group
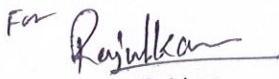
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discussions, analyzing the risks faced by these organizations and brainstorming potential solutions.

In conclusion, the session provided a well-rounded understanding of risk management principles and techniques. Participants left with enhanced skills to identify, assess, and mitigate risks, equipping them with the knowledge necessary to contribute to building a risk-aware culture in their organizations. The session emphasized that effective risk management is essential for long-term organizational success and sustainability.

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Dr. M. AFZAL ALI BAIG
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ACTIVITIES UNDER MOU

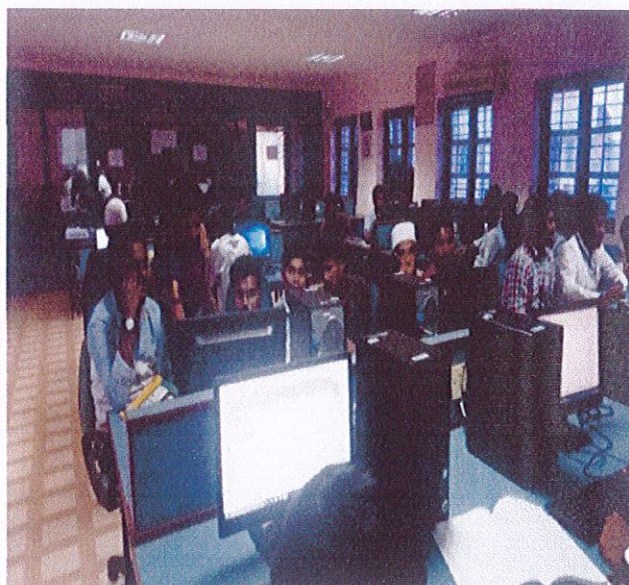**ACADEMIC YEAR: 2019-2020**

Aspiring Minds Assessment Pvt. Ltd

The Department of Information Technology organized at two days workshop on **"Python and its real time application"** conducted by Aspiring Minds Assessment Pvt. Ltd on 04-02-2019 to 05-02-2019 from 9 a.m to 4 p.m for III year and IV year students. A total of 46 students attended the workshop.

Fig: workshop on "Python and its real time application"

The workshop on **"Python and Its Real-Time Applications"** was conducted with the objective of demonstrating how Python, a versatile programming language, can be applied in various industries for solving real-world problems. The session, attended by students and professionals alike, focused on both theoretical and practical aspects of Python programming.

The workshop commenced with an introduction to Python, covering its ease of use, vast libraries, and growing community. Participants were introduced to key features such as Python's simplicity, readability, and scalability, which make it an ideal choice for rapid development in various fields, from web development to data science.

The practical part of the session delved into Python's real-time applications, specifically in areas like:

- Web Development: Using frameworks like Flask and Django to build scalable web applications.
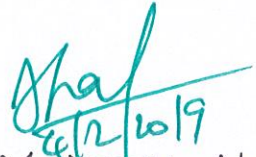
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- Data Science and Machine Learning: Applying libraries such as Pandas, NumPy, and Scikit-learn for data analysis and building machine learning models.

- Automation: Leveraging Python scripts for task automation in industries, reducing time and improving efficiency.

- Internet of Things (IoT): Using Python for controlling devices and processing sensor data in IoT projects.

The workshop also included live coding demonstrations and hands-on exercises, allowing participants to experiment with code examples and gain practical experience. Expert speakers shared insights into current trends, such as Python's role in artificial intelligence, cloud computing, and big data analytics.

In conclusion, the workshop successfully highlighted Python's diverse real-time applications, equipping participants with the knowledge and tools to apply Python in solving practical, industry-specific challenges. Attendees left with a deeper understanding of Python's capabilities, preparing them for future opportunities in technology-driven fields.

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ACTIVITIES UNDER MOU

Academic Year: 2019-20

Internship Program Report

Program Title: Overview of Artificial Intelligence and Machine Learning

Duration: May 5, 2020 – June 3, 2020

Conducted by: M.S. Aspiring Minds Assessment Pvt. Ltd.

Overview

The **Overview of Artificial Intelligence and Machine Learning Internship** was designed to introduce participants to the fundamentals of AI and machine learning. Through a structured curriculum of theoretical learning and practical applications, the program provided insights into AI algorithms, data handling, and basic model building. The objective was to give students a strong foundation and hands-on experience in AI and machine learning principles.

About: M.S. Aspiring Minds Assessment Pvt. Ltd.

Aspiring Minds Assessment Pvt. Ltd. provides online computer adaptive test services. The Company offers skill assessment capabilities, recruitment solutions, corporate talent benchmarks, and assessments for education to judge individual suitability from a pool of candidates. Aspiring Minds Assessment serves businesses, campuses, and talent finders throughout India.

Objectives

1. To introduce students to the basic concepts of artificial intelligence and machine learning.
2. To explore the practical applications of AI in various fields.
3. To develop basic programming skills necessary for implementing AI algorithms.
4. To provide hands-on experience in creating and training machine learning models.
5. To prepare students for further learning and potential careers in AI and related fields.

Participants

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A total of **five students** participated in and successfully completed the program. They demonstrated competency in core AI concepts and were awarded completion certificates upon fulfilling the program requirements.

Participant List :

1. Mr. Haris Nausar
2. Ms.Muhasena Afreen
3. Mr.Rafeek
4. Mr.Abdul Jafar
5. Ms.Yasmeen

Program Activities

1. **Lectures and Tutorials**: Focused on fundamental AI concepts, machine learning principles, and the ethical considerations in AI.
2. **Hands-On Coding Sessions**: Students engaged in coding exercises with popular ML libraries, gaining familiarity with Python and tools like Scikit-Learn and TensorFlow.
3. **Project Work**: Each participant developed a basic AI project, implementing models and analyzing datasets to solve a simple real-world problem.
4. **Assessments**: Weekly quizzes and a final assessment were conducted to evaluate the understanding and progress of the students.

Key Outcomes

- All five participants successfully grasped the basics of AI and machine learning algorithms.
- Participants gained hands-on experience in developing and training machine learning models.
- Each student completed a project that showcased their understanding of AI principles and their ability to apply theoretical knowledge.
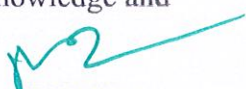
Feedback and Observations

- **Positive Aspects**: Students appreciated the structured approach, which included a balance of theory and practical work, allowing them to apply their learning effectively.
- **Areas for Improvement**: Some participants suggested extending the duration of the internship to allow for more advanced topics and project work.

The **Overview of Artificial Intelligence and Machine Learning** internship was successful, providing participants with valuable introductory skills in AI and machine learning. The knowledge and

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CHENNAI

experience gained during this program will aid students in pursuing further studies and careers in the field of artificial intelligence.

Certificate of Internship

This internship program certificate is
proudly awarded to

Ms.MUHASENA FAREEN

He/she has successfully completed the internship program on
OVERVIEW OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
from 05-05-2020 to 03-06-2020.

aspiringminds

VARUN AGGARWAL
CEO

JAFFER HASSIAN
Program Manager

Certificate of Internship

This internship program certificate is
proudly awarded to

Mr. HARIS NAUSAR

He/she has successfully completed the internship program on
OVERVIEW OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
from 05-05-2020 to 03-06-2020.

aspiringminds

VARUN AGGARWAL
CEO

JAFFER HASSIAN
Program Manager

HOD 3|6|2020

Asst.Prof. Sultana Begum

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ACADEMIC YEAR: 2019-2020

Collaborated by: M.S Aspiring Minds Assessment Pvt.Ltd

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING
Nizara Educational Campus, Avadi IAF, Chennai - 55

Department of Information Technology

ORGANISES

TRAINING PROGRAM ON
"PYTHON AND ITS REAL TIME APPLICATIONS"

CONDUCTED BY

M.S Aspiring Minds Assessment Pvt. Ltd

04.08.2019 - 05.08.2019

ASST.PROF.DR.M.AMANULLAH   PROF.DR.M.AFZAL ALI BAIG

HEAD / IT   PRINCIPAL

www.aalimec.ac.in

The Department of Information Technology organized a two day Training Program on "Python and its real time application" conducted by M/S Aspiring Minds Assessment Pvt. Ltd on 04-08-2019 to 05-08-2019 from 9 a.m to 4 p.m for III year and IV year students. A total of 46 students attended the Training.

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The Training Program on "Python and Its Real-Time Applications" was a comprehensive event designed to enhance participants' understanding of Python programming and its practical uses. Over three days, attendees were introduced to Python's basics, including syntax, data types, and control structures, through interactive sessions and hands-on exercises.

Training Program on "Python and its real time application"
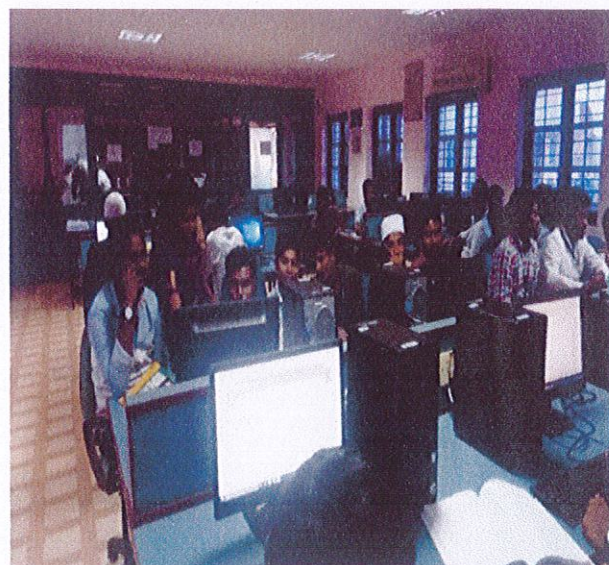
Hands on Session for "Python and its real time application"

The second day delved into advanced concepts, covering essential libraries like NumPy and Pandas. These sessions highlighted Python's versatility in data analysis, web development, and automation.

The Training Program concluded with a closing ceremony, where participants were awarded certificates of participation and excellence. Participants left with a deeper understanding of Python and its real-world applications, expressing satisfaction with the knowledge and hands-on experience gained.

Overall, the Training Program successfully equipped attendees with the skills needed to leverage Python in various domains.

51/8/2019

HOD
Dr. A. AMANUHAH

Dr. M. AFZAL ALI BAIG
Principal
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ACADEMIC YEAR: 2019-2020

Mosook Training Academy & Consultants Pvt. Ltd

The Department of Electronics and Communication Engineering conducted a training program on **"Bridging the Gap between Academia and Industries"** on 10-12-2019 from11.30 a.mto12.30 p.m. A total of 25 students attended the workshop.

Fig: Training program on Bridging the Gap between Academia and Industries

The training program on **"Bridging the Gap between Academia and Industry"** was designed to create a deeper understanding of the growing need for collaboration between educational institutions and industry sectors. The event, held over two days, brought together educators, industry leaders, students, and career counselors to discuss how academic curricula

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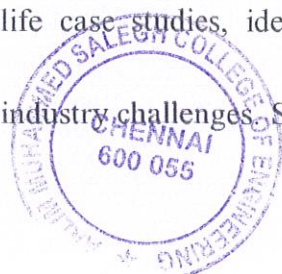COLLEGE OF ENGINEERIN
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can be aligned more closely with real-world industry requirements.

The program began with keynote addresses from prominent industry professionals, who highlighted the dynamic shifts taking place in the job market. They emphasized the need for graduates to possess a combination of both technical expertise and soft skills such as communication, problem-solving, and adaptability. The discussion also covered the rapidly changing technological landscape, stressing the need for students to be prepared for emerging fields such as artificial intelligence, data science, and digital transformation. Industry leaders noted the increasing gap between academic output and industry needs, underscoring the importance of practical training and hands-on experience for students.

The second session focused on the role of educational institutions in addressing these needs. University representatives discussed the importance of integrating industry-driven projects, internships, and collaborations into the curriculum. They shared examples of successful industry partnerships that have led to the development of specialized courses and training programs. Discussions also centered on the importance of faculty members gaining industry exposure through partnerships, workshops, and continuous professional development.
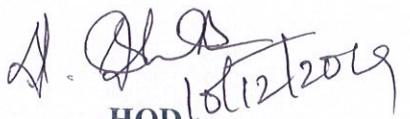
Interactive workshops and panel discussions further facilitated dialogue between academic and industry representatives. These sessions allowed students and professionals to collaborate on real-life case studies, identifying ways in which academic knowledge could be applied to solve industry challenges. Students were encouraged to ask questions and explore career opportunities.

while industry professionals shared insights on the skills and qualities they seek in potential hires.

In conclusion, the program effectively highlighted the critical need for a collaborative approach between academia and industry. By aligning education with real-world needs, both sectors can produce a skilled, adaptable workforce ready to meet the challenges.

HOD 10/12/2019

Dr. A. SALMA BANU

Dr. M. AFZAL ALI BAIG
PRINCIPAL

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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ACTIVITIES UNDER MOU

Academic Year: 2019-20

Internship Program Report

Program Title: Cloud Computing - AWS Internship

Conducted by : Mosook Training Academy & Consultants Pvt Ltd

Duration: November 3, 2019 – December 5, 2020

About : **Mosook Training Academy & Consultants Pvt Ltd**

Mosook Training Academy & Consultants Pvt Ltd is a leading organization dedicated to bridging the gap between academic learning and industry requirements. We specialize in providing high-quality training and consulting services aimed at equipping students and professionals with the skills, knowledge, and confidence they need to excel in today's competitive job market.

Overview

The **Cloud Computing - AWS Internship** was conducted to provide participants with foundational and advanced knowledge in cloud computing, focusing specifically on Amazon Web Services (AWS). The program aimed to enhance the technical skills of students, preparing them for roles in the rapidly growing cloud technology industry.

Objectives

1. To understand the fundamentals of cloud computing.
2. To explore AWS services, including computing, storage, and networking.
3. To gain hands-on experience through practical labs and projects.
4. To develop cloud-based solutions in a simulated environment.
5. To improve job-readiness by building skills relevant to the industry.

Participants

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A total of **seven students** successfully completed the program. They received their certificates upon completion of the required coursework, projects, and final assessment.

Participant List :

1. Mr. R. Ashwin
2. Mr.A.Sujal
3. Mr.F.Syed Aejaz
4. Ms.N.Afreen Nasriya
5. Ms.R.Famitha
6. Ms.Jasmine Brose
7. Ms.R.Fathima Bathul

Program Activities

1. **Workshops**: Interactive sessions were conducted on key AWS services, including EC2, S3, Lambda, and VPC.
2. **Hands-On Labs**: Students worked on hands-on labs for practical experience, setting up virtual servers and managing data storage.
3. **Project**: Each participant completed a final project demonstrating their understanding of AWS and their ability to deploy a basic cloud infrastructure.
4. **Assessments**: Weekly quizzes and a final evaluation were conducted to assess participants' understanding and progress.

Key Outcomes

- All seven participants gained knowledge in AWS fundamentals, cloud storage, and computing services.
- Students demonstrated improved proficiency in deploying and managing cloud infrastructure.
- Each participant successfully completed a project related to AWS, showcasing their ability to apply theoretical knowledge to practical scenarios.

Feedback and Observations

- **Positive Aspects**: Students expressed satisfaction with the hands-on labs, which allowed them to apply their learning in a controlled environment.
- **Areas for Improvement**: Some participants suggested more time for the final project to explore advanced AWS features.

The Cloud Computing - AWS Internship program was a success, with all seven participants meeting the program's objectives and demonstrating substantial progress. This program has equipped students with valuable skills for their future careers in cloud computing.
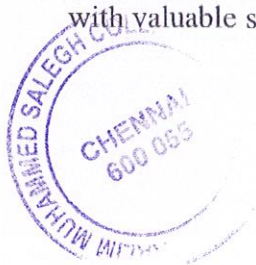
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CHENNAI

CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly
awarded to

Mr. R.ASHWIN

He / She has successfully completed the internship program on **Cloud Computing –AWS** from 03-11-2019 to 05-12-2019.

SEENI MOHAMED FEROZE JAHAN
CEO

ABULKALAM SULTHAN
Program Manager

DATE: 12th Dec 2019
SIGNATURE

sowa.
MOSOOK

CERTIFICATE OF INTERNSHIP

This internship program certificate is proudly
awarded to

MS.JASMINE BROSE

He / She has successfully completed the internship program on **Cloud Computing –AWS** from 03-11-2019 to 05-12-2019.

SEENI MOHAMED FEROZE JAHAN
CEO

ABULKALAM SULTHAN
Program Manager

DATE: 12th Dec 2019
SIGNATURE

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HOD 5/12/2020

Asst.Prof. G.Sultana Begum

5/12/2020
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ACADEMIC YEAR: 2019-2020

Girnarsoft Education Services Pvt. Ltd

The Department of Information Technology conducting Training program on **"Data Analytics using python"** by Mr. Mohanraj on 01/08/2019 at 11.00 a.m for III Year IT Students. Head of the Department Dr. C. Makendran inaugurated the speaker. A total of 42 students attended this program.

Fig: **Training program on "Data Analytics"**

The training program on **"Data Analytics Using Python"** provided an in-depth exploration of how Python, a versatile programming language, can be leveraged to perform data analysis and generate actionable insights. Aimed at beginners and intermediate-level participants, the session covered a range of topics from basic data handling to advanced analytical techniques, empowering attendees with the skills to utilize Python in solving real-world data problems.

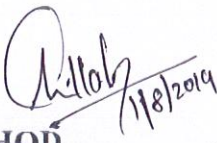The session began with an introduction to Python and its significance in data analytics. Experts

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explained why Python is widely preferred for data science tasks due to its readability, simplicity, and powerful libraries like Pandas, NumPy, Matplotlib, and Scikit-learn. Participants were shown how to use these libraries for data manipulation, cleaning, and visualization.

A hands-on segment followed, where attendees learned how to import datasets, clean missing or inconsistent data, and manipulate data structures such as DataFrames using Pandas. Techniques for summarizing datasets, identifying trends, and conducting exploratory data analysis (EDA) were covered in detail. Python's data visualization capabilities were also demonstrated, showcasing how to create compelling charts and graphs with Matplotlib and Seaborn to communicate insights effectively.

The session further delved into more advanced analytics, including regression analysis, clustering, and classification techniques. Participants were introduced to machine learning models and how Python can be used for building and evaluating predictive models with Scikit-learn. In the final segment, the focus shifted to real-world applications of data analytics in various industries such as healthcare, finance, and marketing. The session concluded with a Q&A session, where attendees clarified their doubts and received advice on further learning paths. Overall, the session equipped participants with practical skills in Python for data analytics, offering them the tools needed to explore data, build models, and make data-driven decisions in their professional careers.

ACADEMIC YEAR: 2019-2020

Seger Overseas Pvt.Ltd

The Department of Civil Engineering organized Training program on **"Contemporary career opportunities in MEP & BIM"** was conducted by Er. S. K. Sadiq, Lead Engineer, Seger Overseas Pvt. Ltd on 28-04-2020 from 11.00 a.m to 12.30 p.m for III year and IV year Civil students.
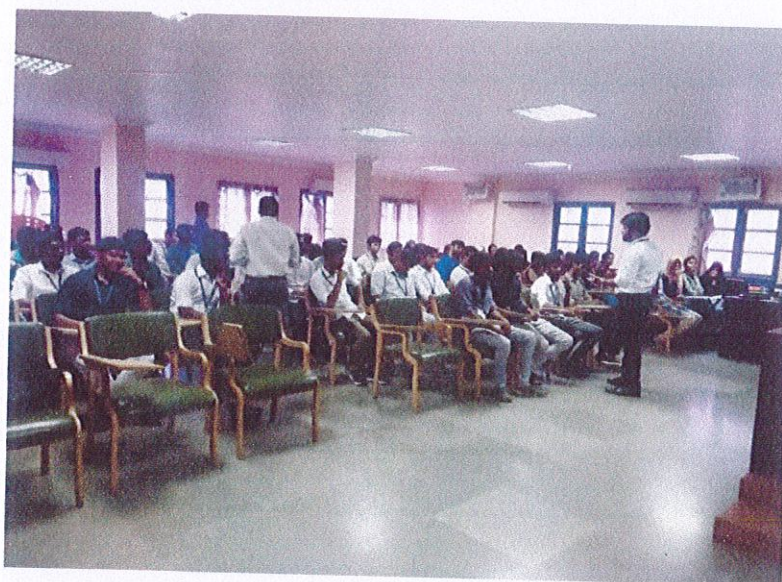
Fig: Training program on Contemporary career opportunities in MEP&BIM

The training program on **"Contemporary Career Opportunities in MEP & BIM"** provided an insightful overview of the rapidly evolving fields of Mechanical, Electrical, and Plumbing (MEP) engineering and Building Information Modeling (BIM). The session aimed to inform students, professionals, and industry stakeholders about emerging career opportunities and the skills required to thrive in these sectors, which are integral to modern construction and infrastructure projects.

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The session began with an introduction to MEP systems, explaining their role in ensuring the functionality, safety, and energy efficiency of buildings. Speakers highlighted the growing demand for skilled professionals in MEP design, installation, maintenance, and energy management, driven by the increasing complexity of modern buildings and infrastructure. Emphasis was placed on the need for expertise in sustainable building solutions and energy-efficient systems.

A significant portion of the session focused on BIM (Building Information Modeling), a technology that is transforming the construction industry by enabling the digital representation of physical and functional characteristics of buildings. Experts discussed how BIM professionals are crucial in managing the entire lifecycle of a building project, from design and construction to maintenance. Attendees learned about the various career paths within BIM, including BIM managers, coordinators, modellers, and specialists, with an emphasis on how BIM skills are now essential for collaboration and innovation in construction projects.

The session also covered the intersection of MEP and BIM, showcasing how the integration of these two fields is improving project outcomes, reducing costs, and enhancing efficiency through advanced simulations and real-time collaboration. Industry experts shared valuable insights into the skill sets required for success, such as proficiency in software tools like AutoCAD, Revit, and Navisworks, as well as a strong understanding of project management and interdisciplinary collaboration.

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In conclusion, the session highlighted that the MEP and BIM industries offer dynamic career opportunities for those willing to stay updated with technological advancements and develop interdisciplinary skills, positioning them for success in the evolving construction landscape.

A total of 45 students attended this webinar. The participants appreciated the session.

Nazar Ahamed
28/4/2020
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Mr. M. F. NAZEER AHAMED

Dr. M. AFZAL ALI BAIG
27/4/2020
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