

Academic Year 2018-19

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ACTIVITIES UNDER NBOU

ACADEMIC YEAR: 2019-2020

Michelin India Private Limited

The Career planning and Development Cell organized a Placement training program on “*Career Planning Guidance*” on 18-07-2019 from 02.30 p.m to 03.50 p.m by Mr. Karthikeyan, Training Head, Michelin India Private Limited for final year students. Inauguration by Prof. Dr.Sathish, Principal, Aalim Muhammed Salegh College of Engineering. A total of 120 students attended this program.

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Approved by AICTE and Affiliated to Anna University Chennai

NAAC PALS ARDS AACSB ISO

TNEA Counselling CODE: 1101

CAREER PLANNING AND DEVELOPMENT CELL ORGANIZES

PLACEMENT PROGRAM

CAREER PLANNING GUIDANCE

RESOURCE PERSON
MR.KARTHIKEYAN
TRAINING HEAD/ MICHELIN INDIA PRIVATE LIMITED

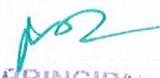
DATE: 18-07-2019
TIME: 2.30 P.M TO 3.50 P.M

Prof.Dr.Afzal Ali Baig
Principal

Alhaj S Segu Jamaludeen
Secretary & Correspondent

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Internship Report on AutoCAD & StaadPro Program at Michelin Pvt. Ltd.

Internship Duration: 02.11.2018 - 05.12.2018

Date of Completion: 8th Dec 2018

Participants: 4

1. Introduction

The AutoCAD & StaadPro Internship Program, hosted by Michelin Pvt. Ltd., was designed to provide participants with hands-on experience and in-depth knowledge of these industry-standard design and analysis tools. This report provides an overview of the activities, key learnings, and outcomes from the internship program attended by four participants.

2. Objectives of the Internship

The primary objectives of the internship were to:

- Develop proficiency in AutoCAD for creating technical drawings and designs.
- Gain knowledge of structural analysis using StaadPro.
- Understand the practical applications of these tools in real-world engineering projects.
- Build collaborative skills through group tasks and discussions.

3. Details of the Internship Program

3.1 Participants

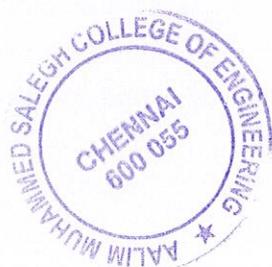
The program was attended by the following participants:

1. S. Muhammed Athan
2. R. Muhammed Irfan
3. A. Mohammed Fazil
4. R. Umar Basha

Each participant brought a unique perspective and background, which helped enrich the learning experience.

3.2 Program Structure

The internship program spanned over a month, from 02.11.2018 to 05.12.2018, and included the following sessions:




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- **Week 1:** Introduction to AutoCAD Participants learned the basics of AutoCAD, including interface navigation, basic commands, and drawing techniques.
- **Week 2:** Advanced AutoCAD Techniques Focused on advanced features, including layering, annotation, dimensioning, and creating 3D models.
- **Week 3:** Introduction to StaadPro Basics of StaadPro, including setting up projects, understanding load calculations, and performing structural analysis.
- **Week 4:** Project-Based Learning Each participant worked on an individual project, combining their knowledge of AutoCAD and StaadPro to design and analyze a structure.

4. Learning Outcomes

The internship program allowed participants to gain valuable skills in:

- **Technical Drawing and Design:** Enhanced proficiency in AutoCAD for producing accurate, industry-standard designs.
- **Structural Analysis and Load Calculation:** Understanding of basic structural analysis concepts and application of StaadPro for simulating and testing structural integrity.
- **Problem Solving:** Practical tasks and project work helped participants apply learned skills to solve real-world design challenges.
- **Collaboration and Communication:** Group activities encouraged teamwork, improving collaboration and communication skills in a professional environment.

5. Activities and Responsibilities

Throughout the internship, participants engaged in several key activities, including:

- Practicing AutoCAD commands and completing various drawing assignments.
- Learning load calculation techniques in StaadPro and applying them to model structures.
- Participating in group discussions to troubleshoot issues and share insights.
- Completing an individual design project that incorporated elements of both AutoCAD and StaadPro.

6. Challenges and Solutions

The program presented several challenges that encouraged problem-solving and adaptability:

- **Challenge:** Understanding complex StaadPro functionalities.
Solution: With guidance from mentors, participants gradually practiced each function and completed tutorials to build confidence.
- **Challenge:** Integrating AutoCAD and StaadPro skills in one project.
Solution: Participants were given additional practice assignments to enhance their familiarity with the tools, allowing them to complete their projects effectively.

7. Feedback and Suggestions

The internship was well-structured and informative. Some feedback for future sessions includes:




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- Including more case studies and practical examples related to real-world projects.
- Offering a session focused on common industry challenges when using these software tools.
- Extending the project duration to allow more time for refinement and feedback.

8. Conclusion

The AutoCAD & StaadPro Internship Program at Michelin Pvt. Ltd. was a valuable learning experience that equipped participants with essential technical skills for designing and analyzing structures. The knowledge gained from this program will serve as a foundation for each participant's future in engineering and design. We are grateful for the opportunity to learn from industry professionals and gain practical experience in these vital tools.

P. Ravikumar
HOD

RAVIKUMAR/PLACEMENT

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CERTIFICATE



This is to certify that Mr. /Ms. S. Muhammed Athan has successfully completed the internship program on AutoCAD & StaadPro Internship program from 02.11.2018- 05.12.2018



SHANTANU DESHPANDE
CEO


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DATE: 8th Dec 2018

CERTIFICATE

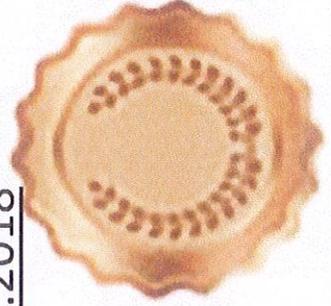


MICHELIN
A BETTER WAY FORWARD

This is to certify that Mr. /Ms. R. Muhammed Irfan has successfully completed the internship program on **AutoCAD & StaadPro** Internship program from 02.11.2018-05.12.2018



SHANTANU DESHPANDE
CEO



A handwritten signature in blue ink, appearing to be "R2".

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DATE: 8th Dec 2018

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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

Yunona Tech Solutions Pvt. Ltd

Guest lecture on “*Digital transformation using Devops*” on 22-07-2019 from 10.30 a.m to 12.30 p.m by Mr DineshKumar. Inauguration by Prof. Dr.M.Afzal Ali Baig, Principal, Aalim Muhammed Salegh College of Engineering. A total of 48 students attended this guest lecture.



Fig: Guest Lecture on Digital transformation using Devops

He brings out attention of students on the reasons why DevOps has an edge over the other methodologies wherein he mentioned about the Business value, which is added by DevOps in terms of Return on Investment, Net Profit and Quality to the companies. The relationship between the three DevOps pillars—Integration, Collaboration, and Communication—and culture, technology, and products was also covered. Active participation was shown by students and the same enthusiasm was carried throughout the session. Overall, the session was valuable. Students gained knowledge of different Software Engineering methodologies and current market needs in terms of both development of the product and the problem that the product will solve.



Dr. Shankar
22/07/19
HOD
DR. SHANKAR

Dr. M. Afzal Ali Baig
22/07/19
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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

Igrow Global Solutions Pvt. Ltd

Online internship programme about “Big Data Analytics” was conducted by Mr.Abdul Sukkur, Managing director, Igrow solutions for IT department on 31.07.18. A total of 30 students attended this internship program.



Fig: Internship about Big data Analytics

During this internship , he delivered different datasets to extract valuable insights. Hands on experience on handling large dataset and batch processing. The participants appreciated the session.

Dr. A. Amanulla
31/7/2018
Dr. A. AMANULLA
HOD



Dr. M. Afzal Ali Baig
31/7/2018
Dr. M. AFZAL ALI BAIG
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Dr. M. Afzal Ali Baig
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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

Aspiring Mind Assessment Pvt. Ltd

Mr.Aarif Mohamed Hussain, Associate Director, CTS ,Chennai, conducted a Seminar on “ Secret to Success and Technology trends in Big Data“ for the students of Third year IT and Final year IT on 29/09/18 from 2.30 p.m to 3.50 p.m. A total of 68 students attended this program. The brief of his presentation has included the following:

- Discovery of Data
- Data Preparation
- Data Modelling
- Model Building
- Communication Result and Findings
- Optimization Techniques.

He also thoroughly informed students about what the IT industry expected today from an IT Expert, especially a Data Analyst. During the session, he also stated and expressed how to create careers in those fields and how to gain advantage in the current scenario by using various trajectories. The event proved to be beneficial to all the students in terms of their careers in the long run, as they learned about AI & Big Data Analytics in detail. Later, a query session took place in the end as a conclusion of the session, wherein students cleared all their doubts.

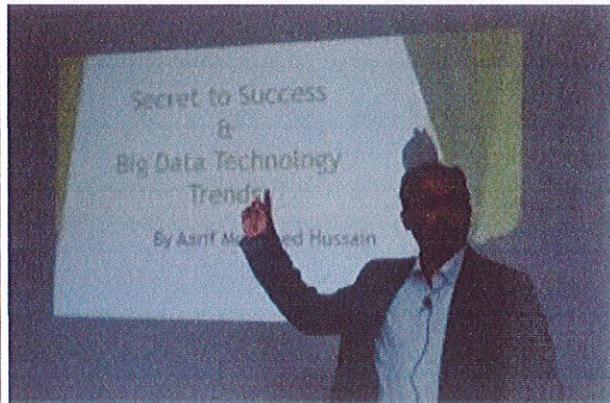


Fig: Seminar on “ Secret to Success and Technology trends in Big Data“



M. Aarif
29/09/2018
HOD
Dr. A. AMANULLAH

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29/09/2018
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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

Suyam Charitable Trust

The Department of Computer Science and Engineering organized a Awareness session regarding different Government Scholarship schemes by Mr. Santhosh, Suyam Charitable Trust on 22-10-2018 from 11.00 a.m to 12.30 p.m. A total of 82 students attended the seminar.

The poster features the college logo and name at the top, followed by accreditation logos (AICTE, NAAC, PALS, Anna University) and the TNEA Counselling Code: 1101. The main text reads: 'Department of Computer Science and Engineering organizes Awareness session regarding different Government Scholarship schemes'. It lists the date as 22-10-2018 and the time as 2.00PM TO 3.50PM. The resource person is Mr. Santhosh from Suyam Charitable Trust. The poster also mentions '10,000 scholars' and 'Scholarship' with an image of a diploma. At the bottom, it lists Dr. R. Shankar as HOD/CSE and Prof. Dr. Afzal Ali Baig as Principal. Contact information includes a Facebook link and the website www.aalimec.ac.in.

R. Shankar
22/10/2018
HOD
Dr. R. SHANKAR



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Afzal
22/10/2018
Dr. M. AFZAL ALI BAIG
PRINCIPAL
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Internship Program Report
Organized by: M.S Aspiring Minds Assessment Pvt. Ltd.
Program: Python Development Program
Duration: 08-05-2019 to 10-06-2019
Date of Report: 15th June 2019

Introduction

The Python Development Program Internship organized by M.S Aspiring Minds Assessment Pvt. Ltd. was an intensive training aimed at introducing participants to Python programming fundamentals and practical applications. This three-day program provided hands-on experience, enabling participants to write Python code for data analysis, automation, and basic algorithmic tasks.

Objectives

The primary objectives of the Python Development Program were:

- To introduce participants to the fundamentals of Python programming.
- To teach essential concepts like data structures, control statements, and functions.
- To equip participants with skills in problem-solving and basic scripting.

Participants

Five participants successfully completed the program, participating in both theoretical discussions and coding assignments. Here is a summary of each participant's contributions:

1. **A. Abdullah**
Role: Python Developer Intern
Contribution: Abdullah excelled in understanding control structures and developed scripts to automate repetitive tasks.
2. **R.Raffiq Ameen**
Role: Data Analyst Intern
Contribution: This intern focused on data analysis tasks, using Python libraries like Pandas and NumPy for data manipulation.
3. **A.Yousuf Fazil**
Role: Scripting Intern
Contribution: Demonstrated expertise in writing scripts to manage files and directories, showcasing automation skills.
4. **M.Syed Vijith**
Role: Algorithm Developer Intern
Contribution: Worked on developing algorithms for small-scale data processing tasks, focusing on efficiency and performance.
5. **R.Muhamed Baseer**
Role: Project Intern
Contribution: Applied the learned skills in a mini-project, demonstrating an understanding of basic Python programming concepts and problem-solving.




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Program Structure

The internship program was structured into three modules:

1. Introduction to Python Programming

- Basic syntax, variables, and data types
- Introduction to control statements (if, loops)

2. Data Structures and Functions

- Lists, dictionaries, and tuples
- Writing and using functions

3. Mini-Project and Application

- Practical project implementing skills learned
- Debugging and code optimization techniques

Feedback and Evaluation

The program received positive feedback, with participants expressing satisfaction with the practical approach and project work. They found the intensive format effective for acquiring essential skills in a short time.

Conclusion

The Python Development Program by M.S Aspiring Minds Assessment Pvt. Ltd. successfully equipped participants with Python programming basics. The interns are now well-prepared to build upon these skills in future development projects.

R. Ravikumar
HOD

RAVIKUMAR / PLACEMENT

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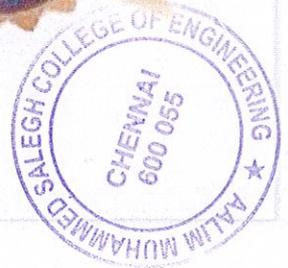
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CERTIFICATE OF ACHIEVEMENT

This is to certify that **Mr. /Ms. A.Abdullah** has successfully completed

the internship program on **Python Development Program** from

08-05-2019 to 10-06-2019.



VARUN AGGARWAL
CEO

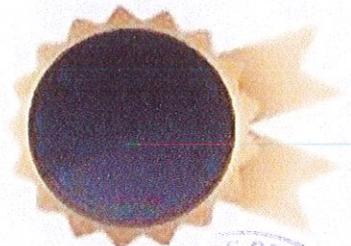
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DATE: 15th June 2019

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CERTIFICATE OF ACHIEVEMENT

This is to certify that **Mr. /Ms. R. Raffiq Ameen** has successfully
completed the internship program on **Python Development Program**
program from 08-05-2019 to 10-05-2019.



VARUN AGGARWAL
CEO

Varun
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DATE: 15th June 2019

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ACTIVITIES UNDER MoU

ACADEMIC YEAR: 2018-2019

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

The poster features the college logo and accreditation marks (AICTE, NAAC, PALS, APJKTU, etc.) at the top. The main text reads: 'Department of Computer Science and Engineering organizes SEMINAR ON STRESS MANAGEMENT'. It specifies the date as 19-12-2018 and time as 2.30PM TO 3.50PM. The resource person is Dr. K. Venkatesan from K.J Research Foundation. At the bottom, it lists Dr. R. Shankar (HOD/CSE), Prof. Dr. Afzal Ali Baig (Principal), and Alhaj S Segu Jamaludeen (Secretary & Correspondent). Social media links for YouTube, Facebook, and the college website are provided.

The Department of Computer Science and Engineering organized a seminar on Stress management by Dr. K. Venkatesan, K.J. Research Foundation on 19-12-2018 from 2.30 p.m to 3.50 p.m for II year CSE students. A total of 57 students attended the seminar.

Dr. Shankar
19/12/2018
HOD
Dr. R. SHANKAR

Afzal
19/12/2018
Dr. M. AFZAL ALI BAIG
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