Postgraduate Office

**Date:29 / 11 / 2022**

**Annual Progress Report**

**PhD. Students**

PART I. THE RESEARCH PROJECT

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| Student Name | **Zana Azeez Mohammed Ameen** |
| Email | **Zanaaziz79@gmail.com** |
| Mobile # | **07504489428** |
| College/ Department | **Engineering / Civil** |
| Employer | **Engineer / Erbil Water & Sewerage Directorate** |

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| Name of Supervisor | **Prof. Dr. ShuokrQarani Aziz** |
| Email | [**Shuokr.aziz@su.edu.krd**](mailto:Shuokr.aziz@su.edu.krd)**; shoker71@yahoo.com** |
| Mobile # | **07504625426** |
| University/Department | **Salahaddin University-Erbil/Civil** |
| Name of Partner Supervisor (if any) |  |
| Email |  |
| Mobile # |  |
| University/Department |  |

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| Title of the Research Project | |
| **Wastewater Treatment Using Modified Sequencing Batch Reactor (SBR) Technology combined with Filtration Process for Reusing in Erbil City** | |
| Commencement Date (official order) |  |

PART II.DEGREE REQUIREMENTS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Coursework(course completed, in progress) | | | | | | | |
| No | Course Title | | | Lecturer | | Location | End Date |
| **1** | **Advance Water and Wastewater Engineering** | | | **Dr. Shuokr Qarani** | | **Erbil** | **Feb/2021** |
| **2** | **Advance GIS** | | | **Dr. Jihan Fattah** | | **Erbil** | **Feb/2021** |
| **3** | **Sustainability and Sustainable Development** | | | **Dr. Salah Sharif** | | **Erbil** | **Feb/2021** |
| **4** | **Advance Mathematics and Numerical Analysis** | | | **Dr. Ali Ramadan** | | **Erbil** | **Feb/2021** |
| **5** | **Advance Water and Environmental Engineering** | | | **Dr. Dana Khidir** | | **Erbil** | **Feb/2021** |
| 1. English Test (IELTS, TOEFL, Preparation course in progress) | | | | | | | |
| No | Test Type | | Score | | Note | | |
| **i** |  | |  | |  | | |
| **ii** |  | |  | |  | | |
| Any language course | | **English Language Center – Sallahaddin University Erbil** | | | | | |

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| 1. Visit to partner university | | | | | | | |
| No | Start date | | | End date | Visa Code Number | | |
| i | **-** | | | **-** | **-** | | |
| ii | **-** | | | **-** | **-** | | |
| iii | **-** | | | **-** | **-** | | |
| 1. Publications | | | | | | | |
| No | | Paper Title | Journal title | | | Date, Vol. & Issue | |
| i | | **-** | **-** | | | **-** | |
| ii | | **-** | **-** | | | **-** | |
| 1. Conference attendance | | | | | | | |
| No | Paper Title | | | Conference | | | Location, Date |
| i | **-** | | | **-** | | | **-** |
| ii | **-** | | | **-** | | | **-** |

PART III. MEET WITH SUPERVISORS

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| 1. During the past year, how often did you meet or speak (by any mean) with your local supervisor?(please tick one) | | | | | | | |
|  | Daily |  | Weekly | **√** | Fortnightly |  | Monthly |
|  | Every few months |  | Once a semester |  | Not since last report | | |
| 1. During the past year, how often did you meet or speak (by any mean) with your co- supervisor ?(please tick one) | | | | | | | |
|  | Daily |  | Weekly |  | Fortnightly | | |
|  | Every few months |  | Once a semester |  | Not since last report | | |

PART IV. COMPLETED TASKS

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| Please describe your completed tasks in the last year. Be specific about tasks and address the tasks that you have made little progress. (use additional paper if needed) | | |
| No | Task | Note |
| i | **Course completed successfully** |  |
| ii | **Presentation for the Proposal** |  |
| iii | **Review and Introduction** |  |
| iv | **Working on the Researches** |  |

PART V. PLANS AND GOALS

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| 1. Next tasks, timelines for completion of degree requirements   Please describe your goals and objectives for next year. Be specific about plans and address how to overcome any obstacles. If you have made little progress in the last year, include detailed plans on how you mean to transform this. Also include plans to fill gaps in training.  (use additional paper if needed) | | | |
| No | Task | Timeline | Note |
| i | Overview, Introduction & Litterateur review | 2 months |  |
| ii | Preparation of materials , equipment, facilities, and logistics for pilot plant and lab | 2 months |  |
| iii | Sample collection, lab works and experiments | 3 months |  |
| iv | Design, Modeling, and construction of Pilot plant | 2 month |  |
| v | Operation, Monitoring, and Data Analysis works | 4 months |  |
| 1. Support needed | | | |
| * Any Government and Non – Government Utilities, Directorates, Companies, and any local Water & wastewater services in Erbil City. Such as: Erbil Water & Sewerage Directorate, Erbil Environmental Directorate, Erbil Irrigation & water resource Directorate and any related Company. * Academic and none Academic staff form Universities in KRG. Water and sanitary lab in College of Engineering -Salahaddin University. * All types of facilities and logistics that related to the work. Like, some pipe warehouse, PLC services, water tank and storage, electrical, ..etc. * Companies or any person who support us for supply and provision of any kind of materials that used in lab test for wastewater. | | | |

PART VI. SUPERVISOR COMMENTS

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| Completed by supervisor, after MEETING with the student and careful review of the student’s progress report.   1. Please comment on student’s progress toward completing his/her doctoral degree.   Mr. Zana Collected wastewater samples. He wrote Chapter 1 and prepared some parts of the Chapter 2 of his PhD Thesis. Recently, he published a research. Additionally, he constructed the pilot plant; But, the experiments on the pilot-plant in the laboratory were not carried out yet. It is required to finish experiments in the laboratory, data analyzing, writing the thesis, and publishing researches. Around 55% of his work was completed. According to the schedule, a delay found in his progress. I encourage him to hard work for the next year.   1. Please comment on the student’s goals for next year.   It is required to finish experiments in the laboratory, data analyzing, writing the thesis, and publishing researches for the next year.   1. Is the student's timeline for completing the Ph.D. degree reasonable?   **i. Yes**  ii. No, Please explain:   1. Has the student MET with you to discuss his/her progress and this report?   **i. Yes**  ii. No , Please explain:  Signature of the Local Supervisor: -------------------------------------- |

PART VII.CO-SUPERVISOR (if any) COMMENTS

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| Completed by supervisor, after MEETING with the student and careful review of the student’s progress report.   1. Please comment on student’s progress toward completing his/her doctoral degree. 2. Please comment on the student’s goals for next year. 3. Is the student's timeline for completing the Ph.D. degree reasonable?   i. Yes  ii. No, Please explain:   1. Has the student MET with you to discuss his/her progress and this report?   i. Yes  ii. No , Please explain:  Signature of the Co-Supervisor: -------------------------------------- |

PART VIII.DEPARTMENTAPPROVAL

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| Completed by the Scientific Committee at the department, after MEETING with the student and careful review of the student’s progress report. (use additional paper if needed).   1. Please comment on student’s progress toward completing his/her doctoral degree. 2. Please comment on the student’s goals for next year.   Signatures  Member Member Member Member Member Chairman |