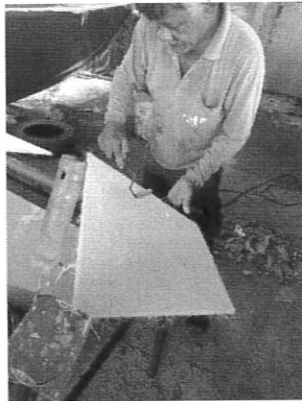
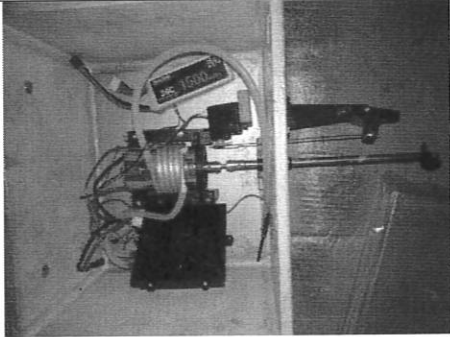
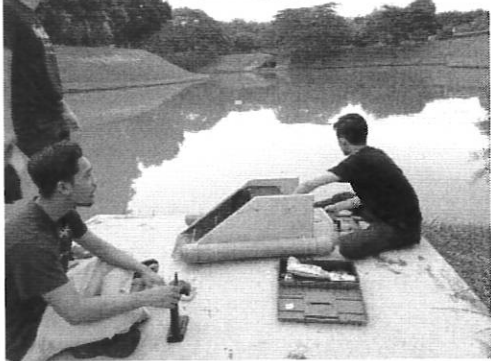


BORANG INVENTORI PROJEK PELAJAR

PERKARA	MAKLUMAT INFORMATION																
Program <i>Program</i>	DIPLOMA KEJURUTERAAN MEKANIKAL (DKM)																
Jabatan <i>Department</i>	JABATAN KEJURUTERAAN MEKANIKAL (JKM)																
Semester/ Tahun <i>Semester/ Year</i>	LIMA/2017																
Tajuk Projek <i>Project Title</i>	MINI FLOATING GARBAGE BOAT																
Jenis Projek <i>Type of Project</i>	<u>Inovasi</u> / Rekabentuk / Penyelidikan																
Kategori Kluster Penyelidikan <i>Category/ research Cluster</i>	Tanda “ / ” pada yang berkenaan: Please tick “ / ” where applicable: <table border="1"> <tr><td>☐</td><td>Sains tulen (<i>Pure Science</i>)</td></tr> <tr><td>☐</td><td>Sains gunaan (<i>Applied Science</i>)</td></tr> <tr><td>☐</td><td>/ Teknologi dan kejuruteraan (<i>Technology and Engineering</i>)</td></tr> <tr><td>☐</td><td>Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)</td></tr> <tr><td>☐</td><td>Sains sosial (<i>Social Sciences</i>)</td></tr> <tr><td>☐</td><td>Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)</td></tr> <tr><td>☐</td><td>Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)</td></tr> <tr><td>☐</td><td>Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)</td></tr> </table>	☐	Sains tulen (<i>Pure Science</i>)	☐	Sains gunaan (<i>Applied Science</i>)	☐	/ Teknologi dan kejuruteraan (<i>Technology and Engineering</i>)	☐	Sains kesihatan dan klinikal (<i>Clinical and Health Sciences</i>)	☐	Sains sosial (<i>Social Sciences</i>)	☐	Sastera dan sastera ikhtisas (<i>Arts and Applied Arts</i>)	☐	Warisan alam dan budaya (<i>Natural Sciences and National Heritage</i>)	☐	Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)
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☐	Teknologi maklumat dan komunikasi (<i>Information and Communication Technology</i>)																
Ahli Kumpulan <i>Group member</i>	1. Name: MUHAMMAD KHAIRUL FITRI BIN AYUB No. Identification card: 970930036147 2. Name: MUHAMMAD FAIRUZFIRDAUS BIN YUSOF No. Identification card: 971204045895 3. Name: MUHAMMAD ASHRAF BIN ZULKORNAIN No. Identification card: 970210015997 4. Name: MOHAMAD ALI HASAN BIN BADIOZAMAN No. Identification card: 971111085855 5. Name: PUNITHERAN RAJ A/L TANGRAJ No. Identification card: 971124016007																
Penyelia <i>Supervisor</i>	Name:NASRAH BINTI MAHMUD No. Identification card:780410055232																
Penyelia Bersama <i>Co-Supervisor</i>	1. Name: No. Identification card:																
Abstrak <i>Abstract</i>	This project is designed based on our literature study of the water pollution. There are many garbage such as plastic bottle,junk food plastic, drinking can and plastic bag. This idea come when the trashes are hard to pick when in the middle of the lake and pond. There are several product that can collect many amount garbage on the water surface. But the machine is big and not suitable at the lake and pond. We designed a product that can scoop the trashes float in the middle of the lake and pond																

	by controlling from land. The material for product should have special characteristic for a buoyancy, balance, and water proof. The overall of this project were successfully scoop the floating trashes on the lake and pond.	
Keyword <i>Keyword</i> (max 5 word)	Mini boat	
Objektif Projek <i>Project Objectives</i>	To design a mini boat that can scoop the trashes float in the middle of the lake and pond	
Skop Projek <i>Project scope</i>	1. Only focus on garbages as plastic bottle, junk food plastic, drinking can and plastic bag 2. Can scoop the trashes float in the middle of the lake and pond	
IP No		
Dapatan <i>Finding</i> (500 words max)	Finding: ● Based on the analysis the mini boat able to float on the water. ● The mini boat can scoop the floating garbage by control from land.	
Cadangan untuk kerja-kerja akan datang <i>Suggestion for future work</i> (500words)	Based on the weakness and shortcoming of this project, some improvements need to be taken to ensure this product can benefits to us especially to our ecosystem. This product can be improve by create a collector a basket for the garbage storage because the garbage can float out from the boat if the boat stop or reverse.	
Gambar berkaitan projek <i>Picture related to project</i> (700kb)	 Coating the body part with fibreglass at Pantai Siring.	 Floating test at Tasik PMM

	 Engine part	 Set up boat for running test at Tasik PMM.
Rating/Level		

* Borang ini perlu diisi oleh pelajar dan dihantar kepada penyelia/ penyelarar projek dalam bentuk hardcopy dan softcopy (borang LAMPIRAN J dan gambar hasil projek dalam format jpeg/bitmap) bersama laporan akhir dan hasil projek