

**FABRICATION OF DENSE HYDROXYAPATITE NANOMATERIALS FOR
BONE IMPLANT APPLICATIONS**



ANIRUT RUKSUDJARIT

**DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE**

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**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

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BONE IMPLANT APPLICATIONS**



ANIRUT RUKSUDJARIT

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF**

**DORTOR OF PHILOSOPHY
IN MATERIALS SCIENCE**

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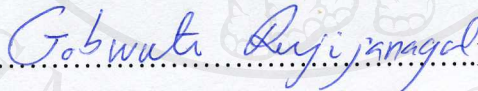
THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF DORTOR OF PHILOSOPHY
IN MATERIALS SCIENCE

EXAMINING COMMITTEE



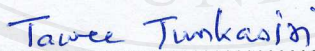
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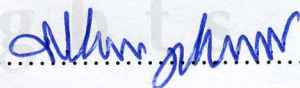
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Anirut Ruksudjarit