RESEARCH REPORTS OF

NAGAOKA NATIONAL COLLEGE OF TECHNOLOGY

VOL.46

NOVEMBER 2010

CONTENTS

Paper
AN ANALYSIS ON STUDENTS' ENGLISH SPEECH AFTER EXPERIENCING ONE-WEEK HOMESTAY IN AUSTRALIA Yoshihiro OMINATO, Shozo URABE and Mayumi TANAKA 1
THE KAMIYA CREDIT CO-OPERATIVE ASSOCIATION AND THE INDUSTRIAL CO-OPRERATIVE ASSOCIATION —THE CHALLENGE OF TAKAHASHI KUROH, THE ORIGIN OF JAPANESE
AGRICULTURAL CO-OPERATIVES AND SIDNEY AND BEATRICE WEBB'S SURVEY IN NAGAOKA— ***********************************
THE SANGAKU LOST FROM THE HAGURO SHRINE IN MURAKAMIKazuyoshi WAKUTA and Kazuhito TOGAWA 19
KINEMATIC VISCOSITY OF MECHANICALLY EMULSIFIED A-HEAVY OIL············Hiroki ISHIDA···· 25
AN AGGREGATION WORK SAVING FOR NATIONWIDE INQUIRY INTO CURRICULUM OF NATIONAL COLLEGE OF TECHNOLOGY
······Akira TAKAHASHI, Masahiro WATANABE and Nobuyuki FUJITA ··· 31
LASER-INDUCED FLUORESCENCE STUDY ON THE QUNECHING RATES OF ELECTRONICALLY EXCITED SULFUR DIOXIDE WITH ALCHOLS
·············Yoshinori MURAKAMI, Katsuhiko SUZUKI, Yusuke ASAKAWA and Nobuyuki FUJII ··· 37
Note
THE SIGNIFICANCE AND TRANSCRIPTION OF BEATRICE POTTER'S MANUSCRIPT OF "THE HISTORY OF ENGLISH ECONOMICS", PART I························Kimitoshi SATOH ··· 41
POSSIBILITY OF SUPPORT AND APPROACH BY THE CITIZENS OF JAPAN FOR THE WELFARE OF VIETNAMESE CHILDREN AND INHABITANTS (PART 1: DALAT)
POSSIBILITY OF SUPPORT AND APPROACH BY THE CITIZENS OF JAPAN FOR THE WELFARE OF VIETNAMESE CHILDREN AND INHABITANTS (PART 2: HUE)
PUBLIC CONTRIBITUIONS THROUGH EXTENSIVE READING Mayumi TANAKA, Yasuko TSUCHIDA, Yoshihiro OMINATO, Hisashi JIKEN and Shozo URABE 71
S/N RATIO IMPROVEMENT OF THE TRANSISTOR h PARAMATER MEASUREMENT CIRCUIT
IMPROVEMENT OF EXPERIMENTTAL THEME ON EXPERIMENTS IN ATERIALS ENGINEERING 1 · · · · · · · · · · · · · · · Seiji NIITA, Shinsuke HOSHII, Hideaki ARAKI · · · · 85
ADMINISTRATION OF MULTI-PURPOSE X-RAY DIFFRACTION ANALYSIS SYSTEM AND ITS CONTRIBUTION TO SHARED USE···················Shinsuke HOSHII, Hiroaki YANAGISAWA, Hisaya OYANAGI, Koichiro OISHI and Hironori KATAGIRI ··· 91
Themes of Graduation Study 2009 97 Thesis of Special Study at Advanced Engineering Courses 2009 103 A List of Research Activities No.45 (2009.1-2010.9) 115