

Table of Contents

Cover page	i
Title page	ii
Preface	iii
Table of Contents	iv
Initiating Cultural-Based Character Learning In Primary School	
<i>Masrukhi</i>	1-17
Spatial quotient improvement through the development of brainstorming learning method based on software graphmatica research operation linear program	
<i>Abdul Aziz^{1*}, Iswahyudi Joko Suprayitno²</i>	18-21
Characterization of reference electrode ag/agcl dry type by cyclic voltammetry	
<i>Herawati^{1*}, B. Buchari², I. Noviadri³</i>	22-26
Character education: the analysis of archival work experiences using cipp model at UPBJJ-UT Semarang	
<i>Hascaryo Pramudibyanto¹, Eko Andy Purnomo²</i>	27-31
Reflective pedagogy paradigm: studi kasus pembelajaran kimia organik di Universitas Muhammadiyah Semarang	
<i>Eko Yuliyanto^{1*}, Fitria Fatichatul Hidayah², Enade Perdana Istyastono³, Yosef Wijoyo⁴, Titien Siwi Hartayu⁵</i>	32-44
A study on teachers' competency in teaching english at SMA Negeri 2	
<i>Hendrik a.e.lao^{1*}, Gres Jekstman K.², Agapito Da Costa J.³</i>	45-50
Developing students' ability to master english idioms using songs and pictures	
<i>Dian Candra Prasetyanti¹, Riana Eka Budiastuti², Siti Aimah^{1*}</i>	51-54
Evaluasi pendidikan karakter pada pembelajaran matematika dasar perguruan tinggi dengan metode cse-ucla	
<i>Martyana Prihaswati^{1*}, Eko Andy Purnomo², Sukestiyarno³, Mulyono⁴</i>	55-60
The effect of youth attitudes toward the behaviour prevention of sexually transmitted diseases in the 3rd grade of the islamic senior high school (MA) "X", Sub-District of Mranggen, Demak Regency	
<i>Dewi Puspitaningrum^{1*}, Eka Oktavia Puspitasari², Agustin Rahmawati³</i>	61-64
The extraction of dried lemongrass (<i>cymbopogon citratus</i>) with distilled water as a repellent to reduce diseases caused by bites of mosquitoes (<i>Culicidae</i>) in Indonesia	
<i>Ibnu Najib^{1*}, Retno Nur Fauziah², Khairunnisa Arrachman³</i>	65-69

The relationship between exercise frequency with the menstrual cycle of the adolescent on pencak silat group <i>Machmudah¹, Fitri Yanna², Pawestri³</i>	70-76
The enrichment of calcium with duck eggshell and sensory characteristic on product based on corn sprout flour and soybean sprout flour <i>Siti Aminah^{1*}, Wulandari Meikawati²</i>	77-83
Systematic review of studies mamae cancer: a nursing review <i>Tri Nurhidayati¹, Desy Ariyana Rahayu^{2*}</i>	84-87
A novel method for the growth of zsm-5 membranes on stainless steel supports by coating on reactor vessel with surface-to-volume ratio of synthesis governing low temperature crystallization of zsm-5 <i>Ana Hidayati Mukaromah^{1*}, Tulus Ariyadi²</i>	88-94
The urgency of pregnancy risk factors booklet <i>Indri Astuti Purwanti^{1*}, Nuke Devi Indrawati², Arief Tajally Adhiatma³</i>	95-98
Potential hazard analysis profession radiographer at demak hospital <i>Rifki Arfianto^{1*}, Bina Kurniawan², Diki Bima Prasetio³</i>	99-104
Physical and Organoleptic Characteristics of Poultry Eggshell Powder Extracted with CH ₃ COOH and NaOH <i>Diode Yonata^{1*}, Siti Aminah¹, Wifaayatul Ainiyah¹, Afrilia Arifatul Lael¹, Anita Rahma Riyani¹</i>	105-109
Implementation Of The AHP Method And Decision Table To Determine The Problem Student <i>Heribertus Ary Setyadi¹, Agus Kristianto²</i>	110-115
Adsorption of Carbon Monoxide (CO) in ZSM-5 Membrane on Smoking Area <i>Azizah, I. H¹, Fannya, G.R², and Mindhumalid T^{1*}</i>	116-118
Fourier Series Nonparametric Regression For The Modelizing Of The Tidal <i>Tiani Wahyu Utami¹, Indah Manfaati Nur², Ismawati³</i>	119-123
Geographically Weight Regression Applications For Spatial Analysis Of Inequality In Central Java <i>Lia Miftakhul Janah¹, M. Saifudin Nur², Tiani Wahyu Utami³</i>	124-128
Medina (Medical Instant Pashmina) Hijab for Medical Personnel <i>Sandrarizka Yuvike Limita¹, Fairuz Febrita Dinarsari¹, Tiga Putu Rona¹, Achmad Aunul Halimi¹</i>	129-130
Injection Moulding Of Pla (Polylactic Acid) Reinforced Bacterial Cellulose Fiber From Nata De Coco Biocomposites <i>Dini Cahyandari</i>	131-133

Ratu Pirakas Rak Sepatu Pipa Paralon Bekas (Parallel Pipe Shoe Rack) <i>Miftahurrohman¹, Tin Rosidah², Erlina³, Tsania Filhil Masyhana⁴</i>	134-138
Support Vector Machine For Classification Of Pulmonary Tuberculosis In Semarang <i>Moh. Yamin Darsyah¹, and Yuni Nurkuntari²</i>	139-143
Physical and Organoleptic Characteristics of Poultry Eggshell Powder Extracted with CH ₃ COOH and NaOH <i>Sulistyowati</i>	144-150
Modelling Gross Domestic Regional Bruto In Central Java Province using Spatial Regression <i>Abdul Karim</i>	151-156
Effect Of Spatial Autocorrelation Structure Of Employment In Central Java <i>Devi Sumayya Sara^{1*}, Abdul Karim²</i>	157-161
Directive Acts Form In Linda Press Wulf's Novel "The Night of the Burning" <i>Fitria Putri Piskasari^{1*}, Siti Nuraeni¹, Intan Sukma Irani¹, Yesika Maya Ocktarani¹</i>	162-165
The Rent Cost Structure Analysis Of Asset Owned By Semarang Regional <i>Hardiwinoto^{1*}, Akhmad Fathurohman², Ery Wibowo³</i>	166-174
Contextual teaching : the student responses on application teaching materials using linever (lindo and excel solver) <i>Venissa Dian Mawarsari¹, Dwi Sulistyaningsih²</i>	175-179
Local wisdom: exploration of indogeneous science at central java salt farmers condition in the traditional salt production to enhance teaching materials <i>Fitria Fatichatul Hidayah^{1*}, Eko Yuliyanto², Muhamad Imaduddin³</i>	180-189
Effectiveness of Chromatographic Method for Ordering Secondary Metabolite Compounds on Plant (<i>Peperomia Pellucida L.</i>) with Methanol Solutions <i>Lutfiana Kartika Dewi¹, Muhammad Ghufro², Ngain Kristin³</i>	190-195
Quantitative Analysis Of Amorphous Calcium Carbonate Precipitate With The Presence Of Alumina In The Flow Water <i>S. Raharjo</i>	196-201