

HUMAN CENTRIC MULTIMEDIA

LABORATORY



Gedung Pascasarjana Kampus PENS- PS 09.02 Jalan Raya ITS, Sukolilo Surabaya, 60111

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COMPANY

Vision

To be the Centre of excellence in Research Group inthe field of Human Centric & Multimedia nationally and Internationally.

Mission

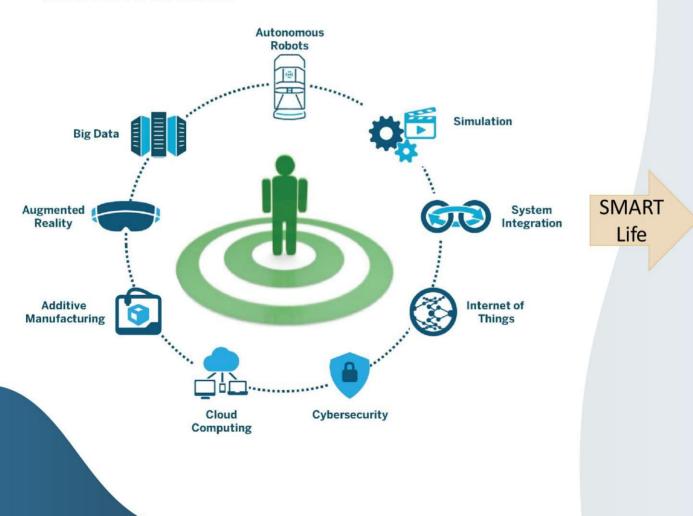
- Conduct research to combine or integrate the Internet of Everything technologies for the development or discovery of a new technology to the benefit of the community based on Human Centric.
- Actively participate in developing and implementing the Internet of Everything technologies for Human Centric in Indonesia as the national research group.

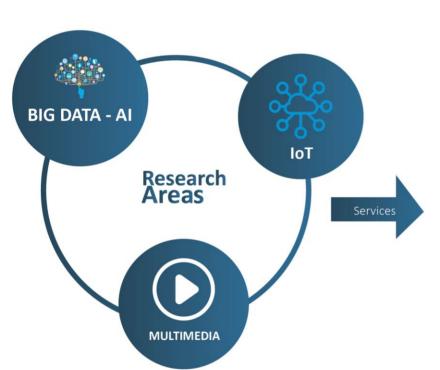


OVERVIEW

Collaborate with Human Centric Multimedia Lab

The Industrial Revolution 4.0 makes the presence of computing devices in everyday life increases. This motivates computer scientists and engineers to work in a trans-disciplinary team to study and design the effective human-machine interaction. Human Centric Multimedia has a goal to develop technology where machines adapt to users to produce elegant interactions by enhancing perceptions, sensations, and human cognition regardless of their instinctive abilities.

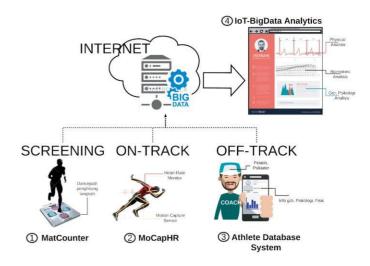


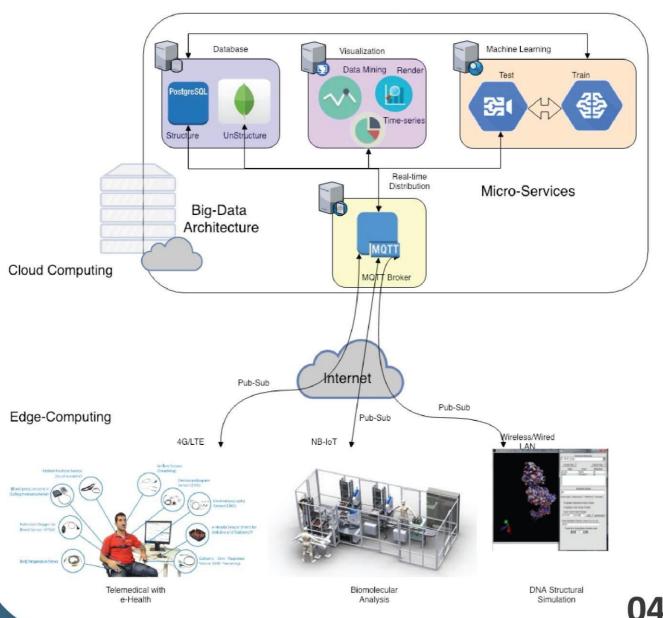


- System Integration
- Software Development
- Research and Development
- Consultant
- Training

BIG DATA - AI

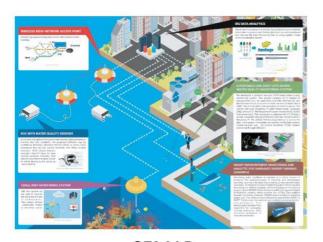
Big data and AI as a service, we help our client to deliver of statistical analysis or information by an outside provider by using Artificial Intelligence that helps organizations understand and use insights gained from large information sets in order to gain a competitive advantage. Our expertise to build Big Data platform utilize Machine Learning algorithms to solve problem and give prediction information.





The Internet of things (IoT)

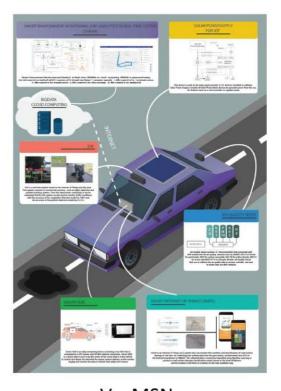
Internet of Things, we provide integration of a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. As a system integrator we develop solution by using fusion-sensors, embedded systems as edge computing, collecting data to Internet and Analyze the data. Examples: Smart Environment Monitoring & Analytic in Real-Time system (SEMAR), Vehicle as a Mobile Sensor Network (VaaMSN), and COWhealthing.



SEMAR



COWealthing



VaaMSN

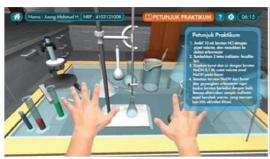
MULTIMEDIA





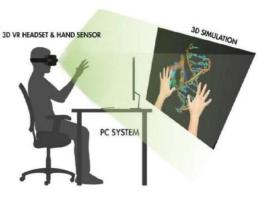
Multimedia, by utilize technologies such as Augmented Reality (AR), Virtual Reality (VR) and Mixed Reality (MR), we give solution for our client to have easy interaction with real-world. Various applications can be integrated such as E-commerce, maps, game and entertainment and several cases can be use for design, education, healthcare, or retail commerce.

AR Smartglass









Virtual Reality Lab

OUR SPONSORS

























OUR CLIENTS

















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research grants

inKind

2018 Implementasi Vehicle as a Mobile Sensor Network terintegrasi dengan Smart Environment Monitoring and Analytics in Real-time (SEMAR) system sebagai Pemantau Permukaan Jalan dan Lingkungan untuk mendukung Smart City Penelitian Terapan Unggulan Perguruan Tinggi (Lead) - year: 1 of 3 - Rp. 120.000.000,-2018 Implementasi Teknologi Portable Ubiquitous Health (U-Health) Dengan Layanan Cloud **Untuk Mendukung Smart Health Buatan Indonesia** Penelitian Terapan Unggulan Perguruan Tinggi (Member) - year: 1 of 3 - Rp. 120.000.000,-2018 Revitalisasi Sistem Jejaring Radio HF Untuk Mendukung Implementasi Jejaring Radio Pemerintah - GRN Penelitian Terapan Unggulan Perguruan Tinggi (Member) - year: 1 of 3 - Rp. 130.000.000,-2018 Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN Ipteks Bagi Inovasi Kreativitas Kampus (Member) - year: 3 of 3 - Rp. 150.000.000,- + Rp 50.000.000,-2018 Industrial Edge Computing CISCO System Indonesia inKind Ichii Industries Indonesia 2018 Industrial Internet of Things inKind 2018 IoT - Smartglass for Industrial Factory Assistant **TMMIN** inKind 2017 DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMEN-TAL MONITORING AND DATA ACQUISITION COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS Penelitian Kerjasama Luar Negeri dan Publikasi International - year: 3 of 3 - Rp. 151.000.000,-2017 Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN DIKTI Ipteks Bagi Inovasi Kreativitas Kampus - year: 2 of 3 - Rp. 189.000.000,- + Rp 50.000.000,-**2017** Industrial Internet of Things Ichii Industries Indonesia inKind 2017 CSR for Robotics and IoT **TMMIN**

research grants

- 2016 DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMENTAL MONITORING AND DATA ACQUISITION COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS

 Penelitian Kerjasama Luar Negeri dan Publikasi International year: 2 of 3 Rp. 160.000.000,-
- 2016 Pusat Pendidikan dan Pelatihan Embedded System Bersertifikasi Sebagai Upaya Penyiapan Sumber Daya Manusia Menjelang Masyarakat Ekonomi ASEAN DIKTI Ipteks Bagi Inovasi Kreativitas Kampus - year: 1 of 3 - Rp. 189.000.000,- + Rp 50.000.000,-
- 2015 DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER VEHICLES FOR ENVIRONMENTAL MONITORING AND DATA ACQUISITION COMPATIBLE WITH 5D WORLD MAP SYSTEM IN INTERNET OF UNDERWATER THINGS

 Penelitian Kerjasama Luar Negeri dan Publikasi International year: 1 of 3 Rp. 157.500.000,-
- **2015 Virtual Reality Lab sebagai penunjang Perkuliahan Terbuka Jarak Jauh (PTJJ)** Seamolec Penelitian Hibah PTJJ Seamolec Rp 10.000.000,-
- 2014 PENGEMBANGAN ARSITEKTUR KOMPUTASI DAN SISTEM OPERASI ROBOTIKA UNTUK PENINGKATAN DAYA SAING APLIKASI ROBOTIKA NASIONAL
 Penelitian Unggulan Perguruan Tinggi year: 2 of 5 Rp 200.000.000,-
- 2005 Rancang Bangun Prototype Mesin Verifikasi Sidik Jari Compact and Mobile dengan Algoritma Phase-Only Correlation Berbasis Embedded System

 Penelitian Hibah Bersaing - Rp 40.000.000,-
- 2005 Studi dan Penerapan Teknologi Biometric Fingerprint Matching Phase Only Correlation
 Pada Embedded System
 Penelitian Dosen Muda Rp 10.000.000,-



2019 Big Data Technologies using SVM (Case Study: Surface Water Classification on Regional Water Utility

Proceedings - 2019 International Conference on Computer Science, Information Technology, and Electri | vol: | issue : | 2019-10-01 | Conference Proceedin

2019 A Dialectic Approach in Montage Movie

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Participatory Design with Children in Designing a Smartphone Holder

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Development of Animatic Comic Website: The Lifestory of Pangeran Diponegoro

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Web Explainer for Children's Education with Image Recognition Based on Deep Learning

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open \mid vol: \mid issue : \mid 2019-09-01 \mid Conference Proceedin

2019 IES 2019 Welcome Message from General Chair

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 AT-Mo: Wireless Data Collection System for Physiology Monitoring of Athlete

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Vending Machine Monitoring System Integrated with Webserver

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Brightness on LEDs for Light Fidelity Applications and Measurements

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Implementation of K-NN Fingerprint Method on Receiving Server for Indoor Mobile Object Tracking

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Implementation QR Code Biometric Authentication for Online Payment

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

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11

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publications

- 2019 Comparison of Video IPTV and Digital TV DVB-T2 Quality for Indonesia TV Broadcast IES 2019 International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin
- 2019 Web Explainer for Children'ss Education with Image Recognition Based on Deep Learning IIES 2019 International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin
- 2019 Implementation of Motion Capture System for Swimmer Athlete Monitoring
 IES 2019 International Electronics Symposium: The Role of Techno-Intelligence in Creating
 an Open | vol: | issue : | 2019-09-01 | Conference Proceedin
- 2019 Identification of Symptoms Based on Natural Language Processing (NLP) for Disease Diagnosis Based on

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Designing of a Smart Collar for Dairy Cow Behavior Monitoring with Application Monitoring in Microse

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 ArmChain - A Blockchain Based Sensor Data Communication for the Vehicle as a Mobile Sensor Network

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Pothole Visual Detection using Machine Learning Method integrated with Internet of Thing Video Strea

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Image and Video Transmission in Nanonetworks

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Brightness on LEDs for Light Fidelity Applications and Measurements

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 Implementation of Motion Capture System for Swimmer Athlete Monitoring

IES 2019 - International Electronics Symposium: The Role of Techno-Intelligence in Creating an Open | vol: | issue : | 2019-09-01 | Conference Proceedin

2019 The Vehicle as a Mobile Sensor Network base IoT and Big Data for Pothole Detection Caused by Flood D

IOP Conference Series: Earth and Environmental Science | vol: 239 | issue : 1 | 2019-02-18 | Conference Proceedin

2019 Message Passing Support for FLoW Microkernel

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Faster R-CNN Implementation Method for multi-fruit Detection using Tensorflow Platform International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Implementation of Microservice Architectures on SEMAR Extension for Air Quality Monitoring

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Virtual hand: VR hand controller using IMU and flex sensor

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Visualization of Gathering Sources of News by Journalist

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Making Short Movie Using 3D Professional Camera

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Visualization of Gathering Sources of News by Journalist

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Making Short Movie Using 3D Professional Camera

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 Learning Batik Through Gaming

International Electronics Symposium on Knowledge Creation and Intelligent Computing, IES-KCIC 2018 - | vol: | issue : | 2019-01-28 | Conference Proceedin

2019 A Spots Independent for NVIS Channels Observation

2018 International Electronics Symposium on Engineering Technology and Applications, IES-ETA 2018 - | vol: | issue : | 2019-01-16 | Conference Proceedin

2019 Implementation of Data Abstraction Layer using Kafka on SEMAR Platform for Air Quality Monitoring

International Journal on Advanced Science, Engineering and Information Technology | vol: 9 | issue : 5 | 2019-01-01 | Journal

2018 Implementation of Integration VaaMSN and SEMAR for Wide Coverage Air Quality Monitoring

Telkomnika (Telecommunication Computing Electronics and Control) | vol: 16 | issue : 6 | 2018-12-01 | Journal

2018 Design and Development of Portable Spirometer

2018 IEEE International Conference on Consumer Electronics-Taiwan, ICCE-TW 2018 | vol: | issue: | 2018-08-27 | Conference Proceedin

2018 MatCounter: Footsteps Counter Using DanceMat by Bluetooth Based Android Application 2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 201 | vol: | issue: | 2018-07-02 | Conference Proceedin

2018 Web-based Business to Customer (B2C) Implementation on Rekamin.ID: the Unmanned Aerial Vehicle (UAV)

2018 International Conference on Computer Engineering, Network and Intelligent Multimedia, CENIM 201 | vol: | issue : | 2018-07-02 | Conference Proceedin

2018 Design and Development of Smart Aquaculture System Based on IFTTT Model and Cloud Integration

MATEC Web of Conferences | vol: 164 | issue : | 2018-04-23 | Conference Proceedin

2018 The Role of Tangible Interfaces in Enhancing Children's Engagement in Learning MATEC Web of Conferences | vol: 164 | issue : | 2018-04-23 | Conference Proceedin

2018 Integration Head Mounted Display Device and Hand Motion Gesture Device for Virtual Reality Laborator

IOP Conference Series: Materials Science and Engineering | vol: 288 | issue : 1 | 2018-01-25 | Conference Proceedin

2018 Distributed Database Semantic Integration of Wireless Sensor Network to Access The Environmental Mon

International Journal of Engineering and Technology Innovation | vol: 8 | issue : 3 | 2018-01-01 | Journal

2017 Simple and energy efficient discrete cosine transform based image compression for simple pulse-based

Proceedings IES-ETA 2017 - International Electronics Symposium on Engineering Technology and Applica | vol: 2017-December | issue : | 2017-12-26 | Conference Proceedin

.

2017 Multi Process Matching Depth Image Between Stereo Camera and Structure Sensor in Realtime

Proceedings IES-ETA 2017 - International Electronics Symposium on Engineering Technology and Applica | vol: 2017-December | issue : | 2017-12-26 | Conference Proceedin

2017 Digital Signature on File Using Biometric Fingerprint with Fingerprint Sensor on Smartphone

Proceedings IES-ETA 2017 - International Electronics Symposium on Engineering Technology and Applica | vol: 2017-December | issue : | 2017-12-26 | Conference Proceedin

2017 Simple and Energy Efficient Discrete Cosine Transform Based Image Compression for Simple Pulse-Based

Proceedings IES-ETA 2017 - International Electronics Symposium on Engineering Technology and Applica | vol: 2017-December | issue : | 2017-12-26 | Conference Proceedin

2017 Design and Development Virtual Reality Athletic - Virtual Imagery to Train Sprinter Concentration

Proceedings - International Electronics Symposium on Knowledge Creation and Intelligent Computing, I | vol: 2017-January | issue : | 2017-12-19 | Conference Proceedin

2017 True Random and Adjustable Memory Management Evaluation Framework with Markov Chain

Proceedings - International Electronics Symposium on Knowledge Creation and Intelligent Computing, I | vol: 2017-January | issue : | 2017-12-19 | Conference Proceedin

2017 Preliminary Design of Mobile Visual Programming Apps for Internet of Things Applications Based on Ra

Proceedings - International Electronics Symposium on Knowledge Creation and Intelligent Computing, I | vol: 2017-January | issue : | 2017-12-19 | Conference Proceedin

2017 Simple and Energy Efficient Image Compression for Pulse-Based Communication in Thz Band

Proceedings - International Conference on Advanced Information Networking and Applications, AINA | vol: | issue : | 2017-05-05 | Conference Proceedin

2017 FloW Vision: Depth Image Enhancement by Combining Stereo RGB-Depth Sensor

2016 International Conference on Knowledge Creation and Intelligent Computing, KCIC 2016 | vol: | issue : | 2017-03-20 | Conference Proceedin

2017 Welcome Message from General Chair of IES 2016

Proceedings - 2016 International Electronics Symposium, IES 2016 | vol: | issue : | 2017-02-21 | Conference Proceedin

2017 Design and Implementation of Smart Environment Monitoring and Analytics in Real-Time System Framewor

Proceedings - 2016 International Electronics Symposium, IES 2016 | vol: | issue : | 2017-02-21 | Conference Proceedin

2017 Preliminary Design of Interactive Visual Mobile Programming on educational robot ADROIT V1

Proceedings - 2016 International Electronics Symposium, IES 2016 | vol: | issue : | 2017-02-21 | Conference Proceedin

2017 Design and Development of A Portable Low-Cost COTS-Based Water Quality Monitoring System

Proceeding - 2016 International Seminar on Intelligent Technology and Its Application, ISITIA 2016: | vol: | issue : | 2017-01-20 | Conference Proceedin

2017 Real Time Global Scheduling Analysis for Generalized Dag Task Upon Heterogeneous Machine

Journal of Telecommunication, Electronic and Computer Engineering | vol: 9 | issue : 2-5 | 2017-01-01 | Journal

2017 Design and Development of Low Cost Coral Monitoring System for Shallow Water Based on Internet of UN

Journal of Telecommunication, Electronic and Computer Engineering | vol: 9 | issue : 2-5 | 2017-01-01 | Journal

2017 Merging of Depth Image Between Stereo Camera and Structure Sensor on Robot "flow" Vision

International Journal on Advanced Science, Engineering and Information Technology | vol: 7 | issue : 3 | 2017-01-01 | Journal



final project

Afis Asryullah P. Front End Web Based Person Action Recognition for Workers' Performance

Evaluation

Ahmad Faiq Naufal Athlete Condition Data Analytical System on the Smart-Monitoring Athletic

System

Avif Prima Nuryanto Development of Mobile Apps-Multisensor Integration System for

Smart-Monitoring Athletic Platform

Bernadeth Yola **Documentary Film : The Dragon Memo**

Claudia Labertha Gamification: Traffic and Road Signs

Dede Fitriana Web Pembelajaran untuk Anak Tuna Rungu dengan Image Recognition

Berbasis Deep Learning

Dynda Rakasiwi D. Pembuatan Video Stopmotion Tentang Bahaya Penggunaan Smartphone

pada Anak

Erlangga Hendrika Virtual Engineering Development as Implementation of Cyber Physical

System of Industry 4.0 (Sub : 3D Assets)

Hania Dewi F. The Art of Storytelling in Museum W.R. Supratman

Harum Flora A. Aplikasi Android untuk Anak Tuna Rungu dengan Image Recognition Berbasis

Deep Learning

Hudzaifah R. Implementasi Virtual Engineering: Pembuatan Aset Otomatis Menggunakan

3D Scanner untuk Aplikasi VR

Ilham Achmad Virtual Engineering Development as Implementation of Cyber Physical

System of Industry 4.0 (Sub : Simulation)

Indah Permataning Video Pengembangan Makanan Tradisional Indonesia

Juniarty Pradifta Simulasi dan Implementasi Antena Loop sebagai Aplikasi Penerima TV Digital

M. Alfandi Rancang Bangun IPTV untuk Media Delivery Konten MMB

M. Bagas R. Pembuatan Sistem Transmisi Suara Melalui Cahaya



final project

Mifta Nauval Cinematic Movie for Museum W.R. Supratman

Muhammad Irfan R. Visualization Development For Smart-Monitoring Athletic Platform

Naufal Adi Satrio Virtual Engineering Development as Implementation of Cyber Physical

System of Industry 4.0 (Sub: User Interaction)

Nita Dwi Pembuatan Web untuk Komersialisasi Tempat Wisata di Bojonegoro

Raden Dimas B. Media Pembelajaran Interaktif untuk Melatih Kemandirian Anak

Berkebutuhan Khusus

Samira Rahma Branding for Bara Creative

Sandy Arif W. Implementasi Virtual Engineering: VR Platform

Septian Eka S. Pembuatan Animasi Pembelajaran Sinyal pada Domain Frekuensi

Siti Anisa Aplikasi Virtual Lipstik Berbasis Deep Learning

Siti Cesaria Sahdela Cinematic Movie for Museum W.R. Supratman

thesis

Arther Wilem Cornelius Ti Blockchain Based Proxy Re-encription Scheme For Secure

File Sharing in The Decentralized System

Dhodit Rengga Tisna Wireless Body Area Network untuk Pemantauan E-Health

pada Olahragawan

Muhammad Fajrul Falah Design of Virtual Engineering and Digital Twin Platform as

Implementation of Cyber Physical Systems

Tamara Maharani Sistem Komunikasi Multimedia pada Kanal Terahertz Band

Yohanes Yohanie Fridelin P. Implememtasi Backend Service Pada Human-in-The-Loop

System



Faculty Members of Human Centric Multimedia



S. Sukaridhoto, ST, Ph.D IoT, BigData, AI



M. Agus Z, ST, MT, Ph.D

Telecommunication,

Multimedia





Rahardhita Widyatra, S.ST, M.T., Ph.D Wireless Network, IoT

Educational Technology

Dwi Kurnia Basuki, S.Si., M.Kom



Student Members of **Human Centric Multimedia**

Graduate School



Undergraduate School





Student Members of **Human Centric Multimedia**

Undergraduate School





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AWARDS

2019	Yogi Putra Pratama, Fiannurdin Juara 3 IoT Makers Creation Kemenperin & Kominfo
2019	Yogi Putra Pratama Juara 1 Teknologi Tepat Guna 2019 Dinas Ketahanan Pangan Kota Surabaya
2019	Yogi Putra Pratama Juara 1 KMIPN
2019	Mochammad Rifki Ulil Albaab 1st Final Project Competition Program Pascasarjana
2019	Fariz Bramasta P. 1st Final Project Competition Program Studi D4 Teknik Komputer
2019	Ika Fadhilah, Sandi Bayu 3rd Final Project Competition Program Studi D3 Multimedia Broadcasting
2019	Mochammad Rifki Ulil Albaab 1st Poster International Conference Transportation and Inovation
2018	Yogi Putra Pratama, Heri Yulianus Juara 3 Business Matching
2018	Yogi Putra Pratama Juara 2 MAGE IOT Competition
2018	Yogi Putra Pratama Best Paper Award IES
2018	Yohanes Yohanie Fridelin P. Nomine Best Paper Award - ICW Telkomunika
2018	Iskandar Dzulkarnain Juara 1 FPC Program D4 Teknik Informatika Kategori PENS SKY
2017	Yogi Putra Pratama, Iskandar Dzulqarnain Juara 2 Dilo Hackathon Festival Jawa Timur - Telkom Indonesia
2017	Idris Setiawan Juara 2 Expo Kewirausahaan Mahasiswa Indonesia (KMI) VIII Kategori Industr Produksi/Budidaya

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AWARDS

















24

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AWARDS



















Politeknik Elektronika Negeri Surabaya

Gedung Pascasarjana lt 9, Ruang PS.09.02 s/d 04 Jl Raya ITS Surabaya 60111 kontak: hestiasari@pens.ac.id

2017 1.UI/UX Design for Metora: A Gamification Designed to Learn The Method of Journalism (Friskila Enggar Pamudyaningrum, Hestiasari Rante, Muhammad Agus Zainuddin) Visual Novel Game to Enhance Children's Awareness of Flood Mitigation 2017 (Musfigon, Hestiasari Rante, Achmad Basuki, Felix Pasila) 3D Printing Process of Making a Smartphone Holder (Armita Dewi Cahyanti, Hestiasari Rante, Achmad Basuki, Felix Pasila) 2017 Juxtaposition in Montage Movie (Sheila Azizah, Hestiasari Rante, Dwi Susanto) Music Scoring for Film using Fruity Loops Studio (Arsya Febrian, Hestiasari Rante, Sritrusta Sukaridhoto) 2017 Participatory Design in the Development of Animated Comic on Website (Abdi Prasetyo, Hestiasari Rante, Dwi Susanto, Aliv Faizal Muhammad 2017 2017 2017 2017 2017