



**KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI  
INSTITUT TEKNOLOGI SEPULUH NOPEMBER**

Kampus ITS Sukolilo-Surabaya 60111  
Telepon : 031-5994251-54, 5947274, 5945472 (Hunting)  
Fax : 031-5947264, 5950806  
<http://www.its.ac.id>

**REKTA** Kasub Data & Program.

**KEPUTUSAN REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER  
NOMOR 1491/IT2/HK.00.01/2019**

**TENTANG**

**PERUBAHAN KEPUTUSAN REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER NOMOR  
1452/IT2/HK.00.01/2019 TENTANG PENERIMA INSENTIF PUBLIKASI INTERNASIONAL  
TERINDEKS TAMBAHAN TAHUN 2019**

**REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER,**

**Menimbang :** a. bahwa sehubungan kesalahan penulisan *document type* yaitu dari *conference paper* menjadi *article*;  
b. bahwa sehubungan dengan telah dilakukannya proses review ulang terhadap penerima insentif tambahan tahun 2019 Publikasi Internasional Terindeks;  
c. bahwa sehubungan dengan butir a dan b tersebut diatas maka dipandang perlu untuk menerbitkan Keputusan Rektor tentang Perubahan Keputusan Rektor Institut Teknologi Sepuluh Nopember Nomor 1452/IT2/HK.00.01/2019 tentang Penerima Insentif Publikasi Internasional Terindeks 'Tambahan Tahun 2019;

**Mengingat :** 1. Undang-Undang Nomor 12 Tahun 2012 tentang Pendidikan Tinggi (Lembaran Negara Republik Indonesia tahun 2012 Nomor 158, Tambahan Lembaran Negara Republik Indonesia Nomor 5336);  
2. Peraturan Pemerintah Nomor 4 Tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi (Lembaran Negara Republik Indonesia Tahun 2014 Nomor 16, Tambahan Lembaran Negara Republik Indonesia Nomor 5500);  
3. Peraturan Pemerintah Nomor 54 Tahun 2015 tentang Statuta Institut Teknologi Sepuluh Nopember (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 172, Tambahan Lembaran Negara Republik Indonesia Nomor 5723);  
4. Keputusan Majelis Wali Amanat Institut Teknologi Sepuluh Nopember Nomor 03 Tahun 2019 tentang Pengangkatan Rektor Institut Teknologi Sepuluh Nopember Masa Jabatan 2019-2024;  
5. Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 10 Tahun 2016 tentang Organisasi dan Tata Kerja Institut Teknologi Sepuluh Nopember sebagaimana telah diubah dengan Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 27 Tahun 2018;

**MEMUTUSKAN:**

**Menetapkan :** KEPUTUSAN REKTOR TENTANG PERUBAHAN KEPUTUSAN REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER NOMOR 1452/IT2/HK.00.01/2019 TENTANG PENERIMA INSENTIF PUBLIKASI INTERNASIONAL TERINDEKS TAMBAHAN TAHUN 2019.

**KESATU :** Menetapkan Perubahan Keputusan Rektor Institut Teknologi Sepuluh Nopember Nomor 1452/IT2/HK.00.01/2019 tentang Penerima Insentif Publikasi Internasional Terindeks Tambahan Tahun 2019, sebagaimana terlampir dalam lampiran yang merupakan bagian tidak terpisahkan dari keputusan ini.

**KEDUA :** Keputusan Rektor ini mulai berlaku pada tanggal ditetapkan.

Ditetapkan di Surabaya  
pada tanggal 24 April 2019

Rektor Institut Teknologi Sepuluh Nopember,



*Handwritten signature*

Salinan keputusan ini disampaikan kepada:  
1. Para Wakil Rektor;  
2. Kepala LPPM;  
3. Kepala Bagian Tata Usaha dan Kearsipan;  
4. Yang bersangkutan di lingkungan ITS

Prof. Dr. Ir. Mochamad Ashari, M.Eng.   
NIP. 196510121990031003

Lampiran Keputusan Rektor ITS  
 Nomor : 1491/IT2/HK.00.01/2019  
 Tanggal : 24 April 2019

PERUBAHAN KEPUTUSAN REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER NOMOR 1452/IT2/HK.00.01/2019 TENTANG  
 PENERIMA INSENTIF PUBLIKASI INTERNASIONAL TERINDEKS TAMBAHAN TAHUN 2019

1	Berlian Al Kindhi	Distance-based pattern matching of DNA sequences for evaluating primary mutation	Teknik Elektro Otomasi	Conference proceeding	Scopus	2017 2nd International Conferences on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2017	Dr. Berlian Al Kindhi, S.ST.,M.T. 1985201912087			3.000.000
2	Nurjahjani ngtyas, I., Mochtar, I.B., Mochtar, N.E.	The change of value of soaked-CBR in embankment of subgrade due to water logging and repeated vehicles load	T SIPIL	Conference Paper	Scopus	IOP Conference Series: Materials Science and Engineering	Prof.Ir. Noor Endah, MSc., PhD 1951070819760 32001			3.000.000
3	Dhianty, E., Mochtar, I.B.	Method of removing secondary compression on clay using preloading	T SIPIL	Conference Paper	Scopus	MATEC Web of Conferences	Prof.Ir. Indrasurya B. Mochtar, MSc., PhD 1953040819760 31002			3.000.000

4	Mochtar, N.E., Yulian to, F.E.	Compression behavior of fibrous peat stabilized with admixture of lime CaCO <sub>3</sub> -rice husk ash and lime CaCO <sub>3</sub> +Fly Ash	T SIPIL	Article	Scopus	International Journal on Advanced Science, Engineering and Information Technology	Prof. Ir. Noor Endah, MSC., PhD 1951070819760 32001	Q2	20.000.000
5	Triyogi Yuwono	Numerical simulation on improvement of a Savonius vertical axis water turbine performance to advancing blade side with a circular cylinder diameter variations	T Mesin	Conference Paper	Scopus	IOP Conference Series	Prof. Dr. Ir. Tri Yogi Yuwono, DEA 1960012919870 11001		3.000.000
6	Suhartono, Suhermi, N.Email Author, Prastyo, D.D.	Design of Experiment to Optimize the Architecture of Deep Learning for Nonlinear Time Series Forecasting	Statistika	Conference Paper	Scopus	Procedia Computer Science	Novri Suhermi, S.Si., M.Si 1992201711035		3.000.000

7	Suhermi, N.a, Suhartonoa Email Author, Prastyo, D.D.a, Ali, B.b View Correspond ence (jump link)	Roll motion prediction using a hybrid deep learning and ARIMA model	Statistika	Conference Paper	Scopus	Procedia Computer Science	Novri Suhermi, S.Si., M.Si	1992201711035		3.000.000
8	Razif, M.aEmail Author, Yuniarto, A.aEmail Author, Persada, S.F.	Prediction water river quality status with dynamic system for karangpilang drinking water treatment plant in Surabaya city, Indonesia	Manajemen Bisnis	Article	Scopus	Pollution Research	Satria Fadil Persada, S.Kom,MBA ,Ph.D	1987201711061	Q4	10.000.000
9	Hariyanto, T., Pribadi, C.B., Kurniawan, A., Sukojo, B.M., Taufik, M., Indeswari, L.	Analysis of Concentration of Total Suspended Solid (TSS) in Porong Sidoarjo River Waters	T. Geomatika	Conference Paper	Scopus	Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018	Dr. Eko Yuli Handoko, ST, MT.	1974072720000 31001		3.000.000
10	Handoko, E.Y., Hariyadi, H., Wirasatriya, A.	The ENSO's Influence on the Indonesian Sea Level Observed Using Satellite Altimetry, 1993 -	T. Geomatika	Conference Paper	Scopus	2018 IEEE Asia-Pacific Conference on Geoscience, Electronics and Remote Sensing Technology: Best Practice for Disaster	Dr.Ir. Teguh Hariyanto, M.Sc	1959081919850 21001		3.000.000

		2016(Conference Paper)					Mitigation using Geoscience, Electronic, and Remote Sensing, AGERS 2018				
11	<u>Lujan</u> <u>T.Y.K.</u> <u>Fatmawati</u> <u>S.</u> <u>Santoso</u> <u>M.</u> <u>Ersam</u> <u>I</u>	Free radical scavenging activity of Artocarpus champeden extracts	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Prof. Dr. Taslim Ersam	1952081619/90 31004			3.000.000
12	<u>Pambudi</u> <u>A.B.</u> <u>Kurniawati</u> <u>R.</u> <u>Iryani</u> <u>A.</u> <u>Hartanto</u> <u>D.</u>	Effect of calcination temperature in the synthesis of carbon doped TiO <sub>2</sub> without external carbon source	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Dr. Djoko Hartanto, M.Si	1962102819880 31003			3.000.000
13	Juwono, H., Nugroho, K.A., Alfian, R., Ni'Mah, R., Y.L., Sugiarso, D., Harmami	New generation biofuel from polypropylene plastic waste with co-reactant waste cooking oil and its characteristic performance	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Dr. Hendro Juwono, M.Si	1961060619880 31001			3.000.000
14	Hikmah, A.M., More, E., Ramadhan, L.-O.A.N., Atmaja, L., Subhan, A.	Southeast cebebes ironsand as source of active anode material with chitosan-PVA binder on	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Drs. Lukman Atmaja, M.Si., Ph.D	1961081619890 31001			3.000.000



18	<u>Kurniawati,</u> <u>R., Irvani,</u> <u>A.,</u> <u>Hartanto,</u> <u>D.</u>	The effect of 2-propanol on the shifting band gap of ZSM-5-TiO <sub>2</sub> composite prepared via sol-gel method	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Dr. Djoko Hartanto, M.Si	1962102819880 31003	3.000.000
19	Heppy Bunga Nasirahul Sajidah, Silvana Dwi Nurherdiana, Wahyu Prasetyo Utomo, Rendy Muhammad Iqbal, Djoko Hartanto, Mohd. Hafiz Dzarfan Othman, and Hamzah Fansuri	Preparation and characterization of dual-layer hollow fibre catalyst membrane for oxygen transport	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Hamzah Fansuri, S.Si., M.Si, PhD.	1969101719941 21001	3.000.000
20	Iskandriawan, B., Kuswanto, D., Soedjito, E.F.	Bicycle Design for Children with Spastic Cerebral Palsy to Enhance Interaction between Children and Parents	Desain Produk	Conference Paper	Scopus	Proceedings - 2018 1st International Conference on Bioinformatics, Biotechnology, and Biomedical Engineering, BioMIC 2018	Dr., Ir. Bambang Iskandriawan, M.Eng.	1960112219900 21001	3.000.000

24	Setiawati, N.E., Rosmaliatia	Distribution transformer oil age prediction using neuro wavelet	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICITEE 2018	Dr.Eng Ardyono Priyadi, ST., 31094 M.Eng	1973092719980 31094		3.000.000
25	Putra, D.F.U., Penangsang, O., Soeprijanto, A.	Non-intrusive load monitoring design using K-means clustering extreme learning machine	T. Elektro	Article	Scopus	International Review on Modelling and Simulations	Dr. Dimas Fajar Uman Putra, ST., 21001 MT.	1988110820121 21001	Q2	20.000.000
26	Firdaus, A.A., Penangsang, O., Soeprijanto, A., Dimas Fajar, U.P.	Distribution network reconfiguration using binary particle swarm optimization to minimize losses and decrease voltage stability index	T. Elektro	Article	Scopus	Bulletin of Electrical Engineering and Informatics	Prof.Dr.Ir. Adi Soeprijanto, 21001 M.T.	1964040519900 21001	Q4	10.000.000
27	Qomaruzza man, M., Mardiyanto, R.	Automatic Docking Based on Visual Feedback on Remotely Operated Vehicle	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering,	Ronny Mardiyanto, 1981011820031 S.T., M.T., 21003 Ph.D.	1981011820031 21003		3.000.000



21	Kuswanto, D., Iskandriawan, B., Mahardhika, P.S.	Power Grip Exoskeleton Design as Rehabilitation Devices for Post-Stroke Survivors	Desain Produk	Conference Paper	Scopus	Proceedings - 2018 1st International Conference on Bioinformatics , Biotechnology, and Biomedical Engineering, BioMIC 2018	Djoko Kuswanto, ST., M.Biotech	1970091219970 21002	3.000.000
22	Putri, R.I., Ronilaya, F., Rifa'i, M., Jasa, L., Priyadi, A., Mauridhi Hery, P.	Sensorless Optimum Power Extraction for Small Scale Stand Alone Wind Turbine Based on Fuzzy Controller	T. Elektro	Conference proceeding	Scopus	2018 2nd International Conference on Applied Electromagnetic Technology, AEMT 2018	Dr.Eng Ardyono Priyadi, ST., M.Eng	1973092719980 31004	3.000.000
23	Multazam, T., Putri, R.I., Pujiantara, M., Lystianingrum, V., Priyadi, A., Hery Mauridhi, P.	Short-Term Wind Speed Prediction Base on Backpropagation Levenberg- Marquardt Algorithm; Case Study Area Nganjuk	T. Elektro	Conference proceeding	Scopus	Proceedings of 2017 5th International Conference on Instrumentation, Communications, Information Technology, and Biomedical Engineering, ICICI-BME 2017	Dr.Eng Ardyono Priyadi, ST., M.Eng	1973092719980 31004	3.000.000

28	Saputra, E.A., Mardiyanto, R.	Development of Object Tracking System Using Remotely Operated Vehicle Based on Visual sensor	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICITACEE 2018	Ronny Mardiyanto, 1981011820031 S.T., M.T., 21003 Ph.D.			3.000.000
29	Mardiyanto, R., Tamam, B., Suryoatmojo, H.	Development of Navigation Method of Buoyant Boat for Maintaining Position of the Boat and Underwater Remotely Operated Vehicle	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICITACEE 2018	Ronny Mardiyanto, 1981011820031 S.T., M.T., 21003 Ph.D.			3.000.000
30	Lusia Rakhmawati, Wirawan, Suwadi	Image Fragile Watermarking With Two Authentication Components for Tamper Detection and Recovery	T. Elektro	Article	Scopus	Published in International Conference on Intelligent...20 18	Dr.Ir. Wirawan, DEA	1963110919890 31011		3.000.000

31	Farah Afianti, Iwan Wirawan, Titiek Suryani	Dynamic Cipher Puzzle for Efficient Broadcast Authentication in Wireless Sensor Networks	T. Elektro	Conference proceeding	Scopus	Published in Sensors 2018 DOI:10.3390/s18114021	Dr. Ir. Wirawan, DEA	196311091989031011	Q1	25.000.000
32	Rochmatika, R.A., Suryani, T., Wirawan	Performance of adaptive modulation over frequency selective fading channel in VANET environment	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICITEE 2018	Dr. Ir. Titiek Suryani, MT	196411301989032001		3.000.000
33	Jayati, A.E., Wirawan, Suryani, T., Endroyono	Characteristic of HPA Nonlinear Distortion Effects in MIMO-GFDM Systems	T. Elektro	Conference proceeding	Scopus	9th International Conference on Information and Communication Technology Convergence: ICT Powered by Smart Intelligence, ICTC 2018	Dr. Ir. Titiek Suryani, MT	196411301989032001		3.000.000
34	Attamimi, M., Nagai, T., Purwanto, D.	Object detection based on particle filter and integration of multiple features	T. Elektro	Conference proceeding	Scopus	Procedia Computer Science	Muhammad Attamimi, B.Eng., M.Eng., Ph.D	1985201711039		3.000.000

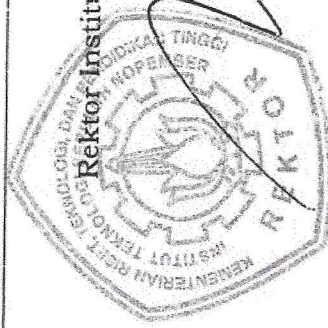
35	Attamimi, M., Mardiyanto, R., Irfarsyah, A.N.	Inclined image recognition for aerial mapping using deep learning and tree based models	T. Elektro	Article	Scopus	<u>Telkomnika</u> ( <u>Telecommunication</u> <u>Computing</u> <u>Electronics</u> <u>and Control</u> )	Muhammad Attramimi, B.Eng.,M.E ng.,Ph.D	1985201711039	Q3	15.000.000
36	Baginda, Y.P., Affandi, A., Pratorno, I.	Analysis of RTO and RPO of a service stored on Amazon Web Service (AWS) and Google Cloud Engine (GCE)	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICITEE 2018	Dr. Ir. Achmad Affandi, DEA	1965101419900 21001		3.000.000
37	Aufa, F.J., Endroyono, Affandi, A.	Security System Analysis in Combination Method: RSA Encryption and Digital Signature Algorithm	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018	Dr. Ir. Achmad Affandi, DEA	1965101419900 21001		3.000.000
38	Pamuji, F.A., Mivauchi, H.	Maximum power point tracking of multi-input inverter for connected hybrid PV/Wind power system considering voltage limitation in grid	T. Elektro	Article	Scopus	<u>International</u> <u>Review on</u> <u>Modelling and</u> <u>Simulations</u>	Feby Agung Pamuji, ST.,MT.,Ph. D	1987020620121 21002	Q2	20.000.000

39	<u>Fahmi, D.</u> , <u>Negara, I.M.Y.</u> , <u>Asfani, D.A.</u> , <u>Hernanda, I.G.N.S.</u> , <u>Wahyudi, M.</u> , <u>Andriani, N.</u>	Investigation of transformer oil characteristics by the effect of rapid temperature fluctuation	T. Elektro	Article	Scopus	<u>International Journal on Energy Conversion</u>	Daniar Fahmi, ST.,MT.	198909252014041002	Q4	10.000.000
40	Nurhayati, Hendrantoro, G., Fukusako, T., Setijadi, E.	Mutual Coupling Reduction for a UWB Coplanar Vivaldi Array by a Truncated and Corrugated Slot	T. Elektro	Article	Scopus	<u>IEEE Antennas and Wireless Propagation Letters</u>	Prof.Ir.Gamantyo Hendrantoro, M.Eng.Ph.D	197011111993031002	Q1	25.000.000
41	Utama, Y.A.K., Widianto, Y., Sardjono, T.A., Kusuma, H.	Design A Low Cost Wind Direction Sensor with High Accuracy	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICITACEE 2018	Dr. Ir. Hendra Kusuma, M.Eng.Sc.	196409021989031003		3.000.000
42	<u>Pamungkas, A.</u> , <u>Nurmianto, E.</u> , <u>Siswanto, Y.K.</u> , <u>Sulistiyono, A.</u>	Appropriate technologies for local economic development based on fisheries products in Poteran Island	T. Industri	Conference proceeding	Scopus	<u>IOP Conference Series: Earth and Environmental Science</u> Volume 202, Issue 1, 27 November 2018, Article number 01201	Ir. Eko Nurmianto, M.Eng.Sc.	196008111986031001		3.000.000

43	Andhik Ampuh Yunanto, Darlis Herumurti, Siti Rochimah, Imam Kuswardaya n	Intelligent System for Agent in Educational Game using Dynamic Gram Similarity	Teknik Informatika	Conference Paper	Scopus	Proceedings - 2018 International Seminar on Application for Technology of Information and Communication: Creative Technology for Human Life, iSemantic 2018,8549718 , pp. 373-376	Dr. Darlis Herumurti, S.Kom., M.Kom.	1977121720031 21001	3.000.000
44	Subali, M.A.P., Rochimah, S.	A new model for measuring the complexity of SQL commands	Teknik Informatika	Conference Paper	Scopus	Proceedings - 2018 10th International Conference on Information Technology and Electrical Engineering (ICITEE)	Dr. Ir. Siti Rochimah, M.T	1968100219940 32001	3.000.000
45	Manirho, P., Ahmad, T.	Analyzing the Performance of Machine Learning Algorithms in Anomaly Network Intrusion Detection Systems Position- Based Scheme for Multi-Hop Routing Protocol in Cluster-Based Wireless	Teknik Informatika	Conference Paper	Scopus	Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018	Tohari Ahmad, S.Kom., MIT, Ph.D	1975052520031 21002	3.000.000
46	Waskitho Wibisono, Tohari Ahmad, Radiyo Anggoro	Position- Based Scheme for Multi-Hop Routing Protocol in Cluster-Based Wireless	Teknik Informatika	Conference Paper	Scopus	4th IEEE International Conference on Wireless and Telematics (ICWT)	Waskitho Wibisono, S.Kom., M.E ng., Ph.D	1974102220003 1001	3.000.000

47	Rozita, Waskitho Wibisono, Radityo Anggoro	Sensor Networks	Teknik Informatika	Conference Paper	Scopus	2nd Mathematics, Informatics, Science and Education International Conference, MISEIC 2018	Waskitho Wibisono, S.Kom.,M.E ng.,Ph.D 1974102220003	3.000.000	
48	Sari, R.W.P., Rochimah, S.	The determination of website usability components by using generalized structured component analysis	Teknik Informatika	Conference Paper	Scopus	Proceedings - 2018 10th International Conference on Information Technology and Electrical Engineering (ICITEE)	Dr. Ir. Siti Rochimah, M.T 1968100219940 32001	3.000.000	
49	Baskoro Adi Pratomo, Pete Burnap, George Theodorako poulos	Unsupervised Approach for Detecting Low Rate Attacks on Network Traffic with Autoencoder	Teknik Informatika	Conference Paper	Scopus	2018 International Conference on Cyber Security and Protection of Digital Services (Cyber Security)	Baskoro Adi Pratomo, S.Kom., M.Kom. 1987021820140 41001	3.000.000	

50	O.S. Riza, H. Tjandrasa	Red Small Dot Segmentation for Early Warning of Diabetic Retinopathy	Teknik Informatika	Conference Paper	Scopus	2018 IOP Conf. Series: Journal of Physics	Prof. Ir. Handayani Tjandrasa, M.Sc., Ph.D.	1949082319760 32001	3.000.000
51	N. Nur, H.Tjandrasa	Exudate Segmentation in Retinal Images of Diabetic Retinopathy Using Saliency Method Based on Region	Teknik Informatika	Conference Paper	Scopus	2018 IOP Conf. Series: Journal of Physics	Prof. Ir. Handayani Tjandrasa, M.Sc., Ph.D.	1949082319760 32001	3.000.000
<b>TOTAL DANA</b>									<b>281.000.000</b>



Rektor Institut Teknologi Sepuluh Nopember,

*M. Ach.*

Prof. Dr. Ir. Mochamad Ashari, M.Eng.  
NIP. 196510121990031003