

## 15.4 Land Sensitive Waste Disposal


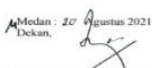


### 15.4.2 Policy on Reducing Plastic Waste

Rector's Regulation No. 3 of 2019 concerning the Implementation of the Green Campus Movement at Universitas Sumatera Utara which consists of 4 chapters and 8 articles. In Article 7 Point 6 it is stated that not to use drinking water in packaging made from single-use plastic and/or plastic bags in the USU environment. Meanwhile, Article 7 Point 7 explains the steps to save paper such as using paper on both sides, saving using tissue paper as well as regulations related to sorting waste and B3 waste to facilitate transportation and waste management processes. Referring to the rector's regulations, each faculty, and units at USU make policies related to green campuses in their respective work units. As in the USU UPT Laboratory there is a circular from the Head of the Laboratory to implement green habits, etc. The use of tumblers during meetings is in accordance with the rector's regulation to reduce the use of water in plastic packaging. USU provides refillable water dispenser facilities in every faculty office and administrative workspace, eliminating the need for faculty and administrative staff to purchase bottled beverages.

## Evidence's

### 1. Program to Reduce the Use of Paper and Plastic on Campus

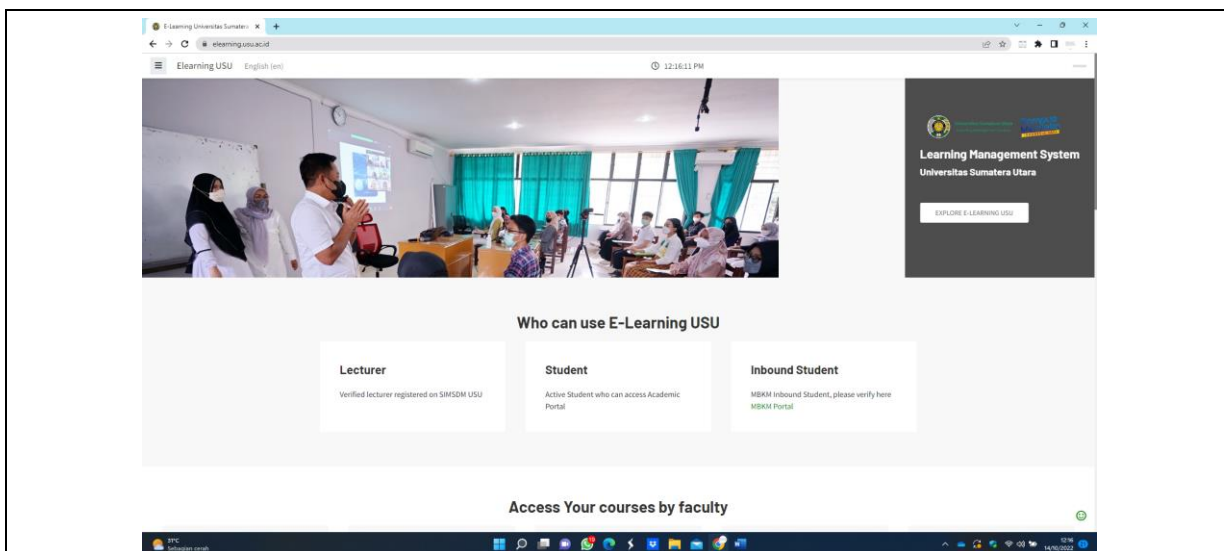
<p>8. Melakukan pemilahan sampah dan limbah B3 menurut jenisnya untuk kemudahan pengangkutan maupun proses pengelolaan sampah pada Tempat Pengelolaan Sampah Terpadu (TPST) USU;</p> <p>9. Menyampaikan laporan bulanan penggunaan energi (listrik, air, gas, telepon, dan BBM) sebelum tanggal 20 setiap bulannya. Data <i>softcopy</i> dikirim via e-mail ke <a href="mailto:sirenbang@usu.ac.id">sirenbang@usu.ac.id</a>, dan <i>hardcopy</i> disampaikan ke Sekretariat USU Kampus Hijau (Biro Sistem Informasi, Perencanaan, dan Pengembangan) yang selanjutnya akan dilaporkan kepada Rektor Universitas Sumatera Utara.</p> <p><b>BAB VI</b> <b>PENUTUP</b></p> <p><b>Pasal 8</b></p> <p>Peraturan Rektor Universitas Sumatera Utara ini mulai berlaku sejak ditetapkan dan apabila terjadi kesalahan dalam penetapan ini, akan dilakukan perbaikan sebagaimana mestinya;</p> <p>Ditetapkan di Medan pada tanggal 28 Oktober 2019</p>  <p>Runtung, SH, M.Hum NIP. 195611101985031022</p>	 <p>KEMENTERIAN RISET TEKNOLOGI DAN PENDIDIKAN TINGGI <b>UNIVERSITAS SUMATERA UTARA</b> Jalan dr. T. Mansur No. 9 Kampus USU Medan 20155 Telepon : 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937</p> <hr/> <p><b>PERATURAN REKTOR</b> <b>UNIVERSITAS SUMATERA UTARA</b> <b>NOMOR 3 Tahun 2019</b> <b>TENTANG</b></p> <p><b>PELAKSANAAN GERAKAN KAMPUS HIJAU DI LINGKUNGAN</b> <b>UNIVERSITAS SUMATERA UTARA</b></p> <p><b>DENGAN RAHMAT TUHAN YANG MAHA ESA</b></p> <p><b>REKTOR UNIVERSITAS SUMATERA UTARA,</b></p> <p>Menimbang : a. bahwa untuk penyelenggaraan Tridharma Perguruan Tinggi pada Universitas Sumatera Utara (USU) sebagaimana dimaksud dalam Statuta USU dan Rencana Strategis USU 2020-2024 perlu dilaksanakan gerakan kampus hijau;</p> <p>b. bahwa dalam rangka menjamin kelestarian serta memanfaatkan sumberdaya alam secara efisien, dipandang perlu untuk menggunakan sumber energi secara bijaksana, berdaya guna dan berhasil guna agar tercapai keseimbangan antara pembangunan, pemerataan dan pelestarian lingkungan hidup;</p> <p>c. bahwa sumber energi mempunyai peran sangat penting dalam mewujudkan pembangunan nasional yang berkelanjutan;</p> <p>d. bahwa Universitas Sumatera Utara sebagai lembaga Pendidikan Tinggi memiliki kapasitas untuk mengembangkan Ilmu Pengetahuan berkelanjutan yang membutuhkan dukungan lingkungan kampus yang ramah lingkungan dan sosial dalam mengemban pelaksanaan Tridharma Perguruan Tinggi;</p> <p>e. bahwa Universitas Sumatera Utara adalah universitas yang diharapkan sebagai "Kampus</p>
<p>1. Rector's Regulation regarding Green Campus Policy at USU</p>	

<p style="text-align: center;">KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI</p> <p style="text-align: center;"> UNIVERSITAS SUMATERA UTARA FAKULTAS KEDOKTERAN</p> <p style="text-align: center;">Jalan dr. T. Mansur No. 5 Kampus USU Medan 20155 Telp. (061) 8211045, 8210555 Fax. (061) 8216264 e-mail: dean.med@usu.ac.id</p> <hr/> <p style="text-align: center;">SURAT EDARAN NOMOR : 193/UN5.2.1.1/KPM/2021</p> <p style="text-align: center;">TENTANG PENANGANAN SAMPAH DI LINGKUNGAN FAKULTAS KEDOKTERAN USU</p> <p>Yth ; Ketua Departemen/KPS/Sub Bag/Devisi : Fakultas Kedokteran USU Medan</p> <p>Untuk mengembangkan budaya kampus hijau di lingkungan Fakultas Kedokteran USU serta mendukung pemeringkatan program UI GreenMetric, bersama ini kami menghimbau kepada seluruh Ketua Departemen/KPS/Sub Bag/Devisi untuk berpartisipasi dan memberi dukungan berupa :</p> <ol style="list-style-type: none"> <li>Mengurangi penggunaan sampah kertas dan plastik pada kegiatan administrasi perkantoran dan pada acara kegiatan rapat di lingkungan Fakultas Kedokteran USU.</li> <li>Menggunakan bahan-bahan yang mudah untuk di daur ulang.</li> <li>Meminimalisir penggunaan wadah plastik dengan mengganti penggunaan botol minuman kemasan plastik dengan menggunakan tumbler pada pengadaan konsumsi acara rapat di lingkungan Fakultas Kedokteran USU.</li> <li>Mengurangi pemakaian wadah kertas dengan mengganti penggunaan kue kotak dengan pring pada pengadaan konsumsi acara rapat di lingkungan Fakultas Kedokteran USU.</li> <li>Menyediakan tempat sampah yang terpisah pada masing-masing Departemen/Sub Bagian/Devisi untuk dapat diklasifikasikan sesuai tempatnya antara sampah kertas, sampah organik dan sampah an organik di lingkungan Fakultas Kedokteran USU.</li> </ol> <p>Demikian hal ini kami sampaikan atas perhatian dan kerjasamanya yang baik kami ucapkan terima kasih.</p> <p style="text-align: right;">Medan, 20 Agustus 2021  Prof Dr. dr. Aidy Safrakdin Rambe, Sp(S)K NIP. 19660524 199203 1 002</p>	<p style="text-align: center;">KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI</p> <p style="text-align: center;"> UNIVERSITAS SUMATERA UTARA FAKULTAS FARMASI</p> <p style="text-align: center;">Jalan Tri Dharma No.5, Peta 4 Kampus USU Medan 20155 Telepon: (061) 8223558 Fax: (061) 8219775 E-mail: farmasi@usu.ac.id</p> <hr/> <p style="text-align: center;">SURAT EDARAN No 283/UN5.2.1.11/KPM/2021</p> <p style="text-align: right;">02 SEP 2021</p> <p style="text-align: center;">TENTANG Langkah-langkah Penghematan Energi di Lingkungan Fakultas Farmasi Universitas Sumatera Utara</p> <p>Sehubungan dengan peran Fakultas Farmasi Universitas Sumatera Utara dalam menjalankan program hemat energi demi keberlanjutan lingkungan hidup dan juga dalam rangka kampus yang sehat, nyaman, aman, indah dan hemat energi melalui efisiensi dan efektivitas penggunaan energi, mewujudkan sumber daya dan tindakan nyata yang tercermin dari pola pikir dan perilaku civitas akademika yang berwawasan lingkungan, bersama ini disampaikan edaran langkah-langkah dalam melaksanakan penghematan terhadap penggunaan sarana dan prasarana kerja sebagai berikut :</p> <ol style="list-style-type: none"> <li>Menghemat penggunaan listrik dan tata ruang, antara lain dengan cara :             <ul style="list-style-type: none"> <li>Menggunakan lampu dan peralatan listrik hemat energi;</li> <li>Memastikan/mengurangi penggunaan lampu dan peralatan listrik dalam ruangan yang tidak digunakan;</li> <li>Mengurangi penggunaan lampu pada siang hari;</li> <li>Memastikan computer dalam kondisi <i>stand by</i> bila tidak digunakan dalam waktu lebih dari 2 jam. Jika dalam keadaan <i>stand by</i> masih akan menyorap energy listrik;</li> <li>Memastikan alat yang menggunakan listrik dan pastikan sumber listrik telah dicabut jika jam kerja sudah selesai dan akan pulang.</li> </ul> </li> <li>Menghemat penggunaan pendingin ruangan dengan mengatur suhu pendingin ruangan pada suhu paling rendah 24 derajat celsius. Jika meninggalkan ruangan, mematikan AC dalam posisi off/mati.</li> <li>Menghemat penggunaan air sesuai kebutuhan.</li> <li>Menghemat penggunaan ATK dan sesuai sesuai kebutuhan :             <ul style="list-style-type: none"> <li>Menggunakan alat tulis yang dapat diisi ulang;</li> <li>Menggunakan tinta printer yang bisa diisi ulang;</li> <li>Menggunakan kertas HVS 70 gram.</li> </ul> </li> <li>Menghemat kertas :             <ul style="list-style-type: none"> <li>Menyimpan laporan dalam bentuk digital, mencetak laporan bila dianggap perlu saja;</li> <li>Mencetak dokumen yang tidak resmi atau draft secara bolak-balik;</li> </ul> </li> <li>Menghemat sampah plastik :             <ul style="list-style-type: none"> <li>Menggunakan botol minum (Tumbler) selama berada di lingkungan Fakultas;</li> <li>Tidak menggunakan minuman kemasan plastik pada semua kegiatan.</li> </ul> </li> </ol> <p>Demikian edaran ini dibuat untuk dilaksanakan sebaik-baiknya.</p> <p style="text-align: right;"> Khairunissa, M.Pharm., Ph.D., Apt NIP. 197802152008122001</p>
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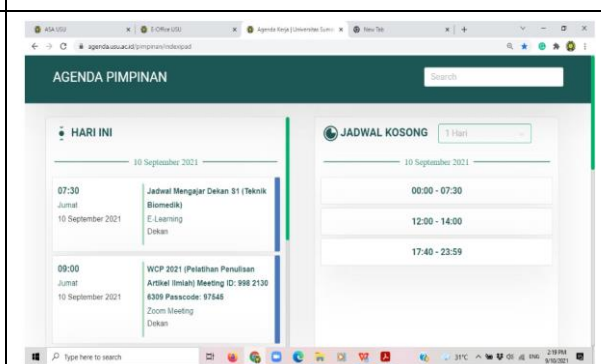
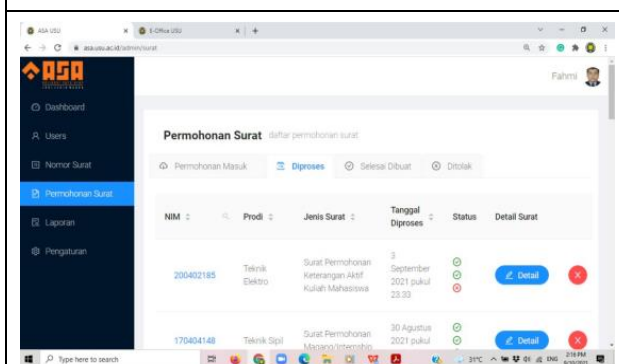
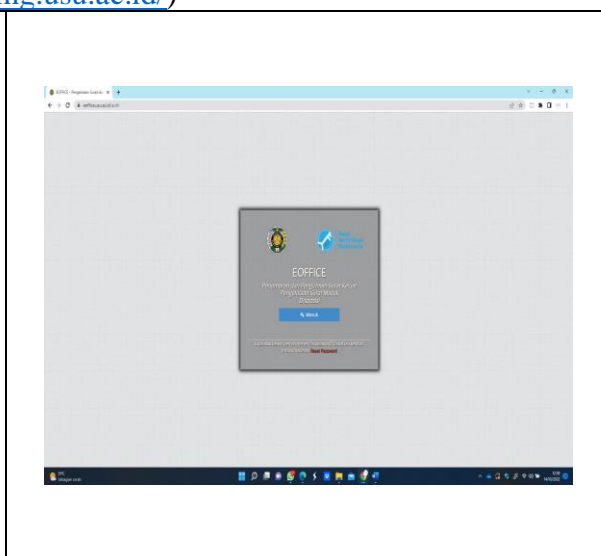
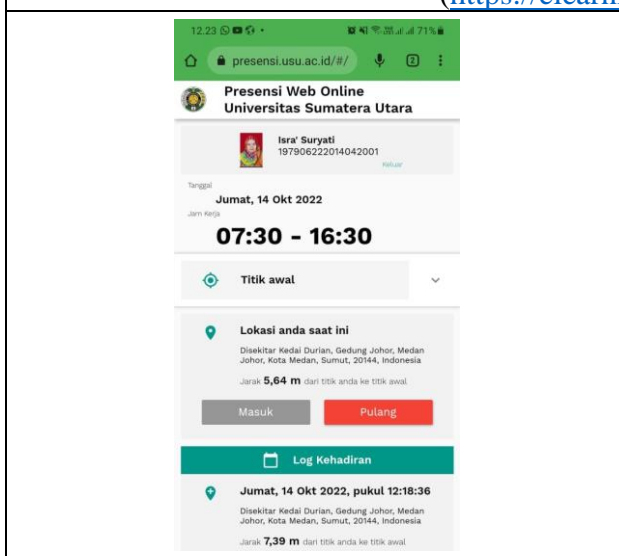
## 2. Policies from several faculties and units at USU regarding green campus

	 <p>Unit Pelaksana Teknis <b>Laboratorium Penelitian Terpadu</b></p>	
<h3>KEBIJAKAN PENERAPAN GREEN HABIT</h3>		
<p>Berdasarkan kebijakan Universitas tentang green metric disetiap satuan kerja, maka UPT LPT USU dengan ini membuat Kebijakan tentang Penerapan Green Habit di lingkungan UPT LPT sebagai berikut :</p> <ol style="list-style-type: none"> <li>Penggunaan tumbler sendiri untuk setiap staf UPT LPT</li> <li>Penggunaan totebag untuk mengurangi pemakaian kantong plastik</li> <li>Penggunaan peralatan hemat energi berupa lampu otomatis dan stiker hemat energi disetiap stop kontak lampu. Agar seluruh staf atau pihak lain dapat melihat dengan jelas</li> </ol>		

## 3. Policies regarding the use of tumblers and tote bags at the USU Integrated Research Laboratory

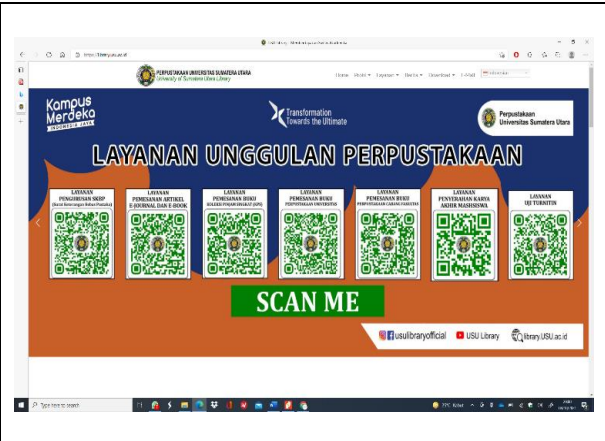
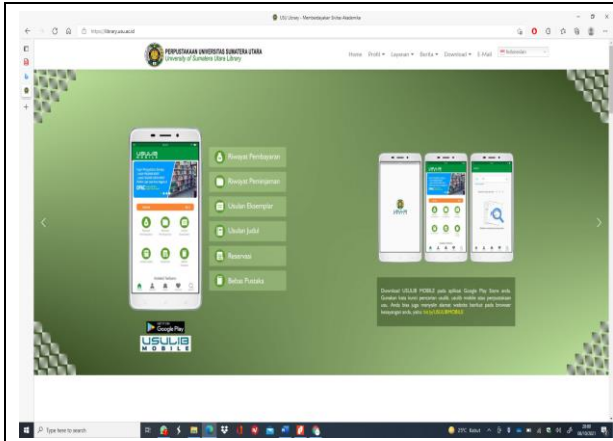


4. The use of e-learning in the learning process and student attendance (<https://elearning.usu.ac.id/>)

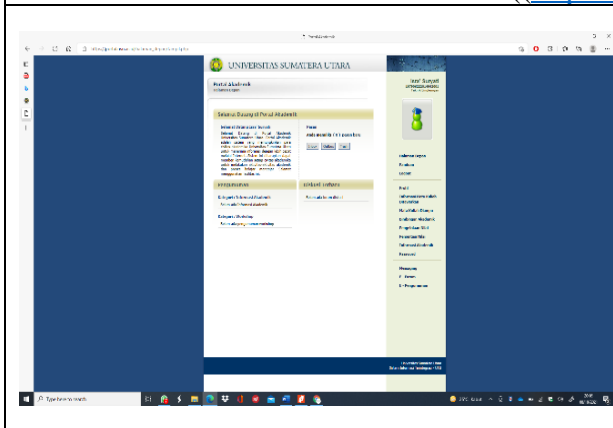


7. Using ASA to Reduce Paper Use in Student Services (<https://asa.usu.ac.id>)

8. Utilization of E-Agenda to Reduce Paper Use in Scheduling Activity Agenda (<https://agenda.usu.ac.id>)

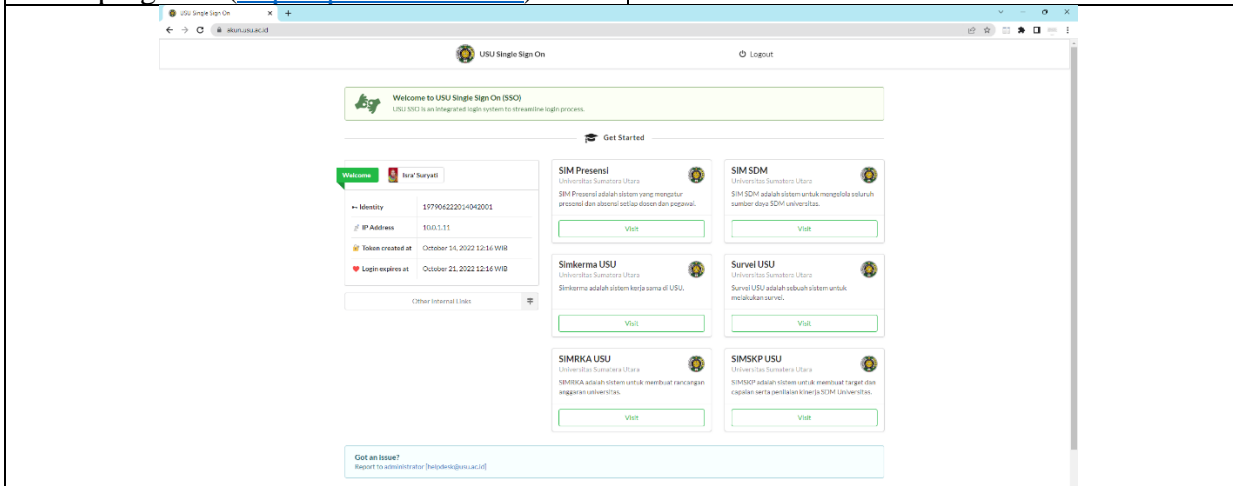


9. Availability of usu library mobile applications, e-books and several excellent library services (<https://library.usu.ac.id>)



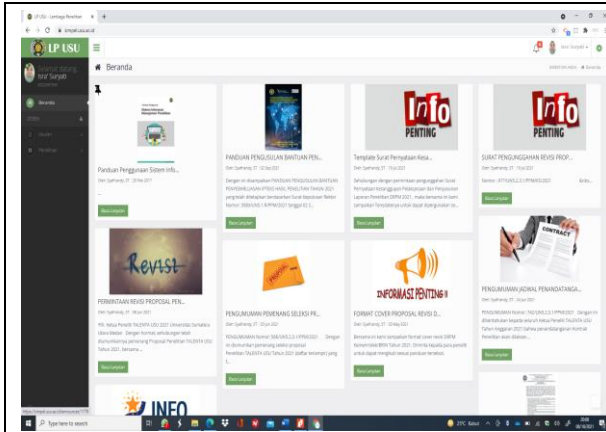
10. Information system to manage academic data administration in faculties/study programs (<https://portal.usu.ac.id>)

11. Academic management online application for lectures (<https://sia.usu.ac.id>)

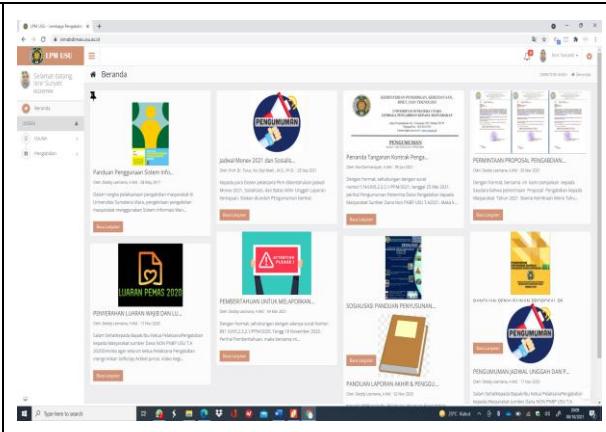


12. USU Single Sign On n integrated login system to streamline login process. (<https://akun.usu.ac.id/>)

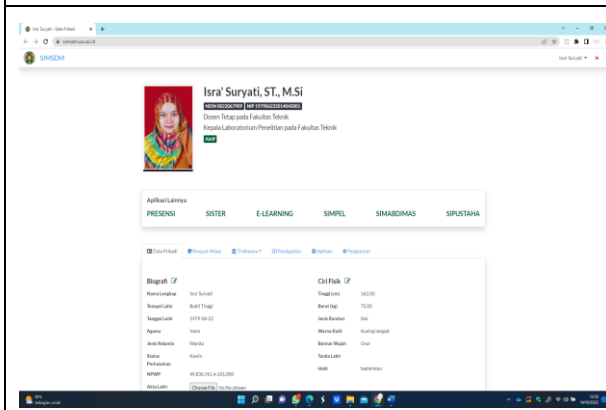




13. The online information system for lecturer research (<https://simpel.usu.ac.id>)



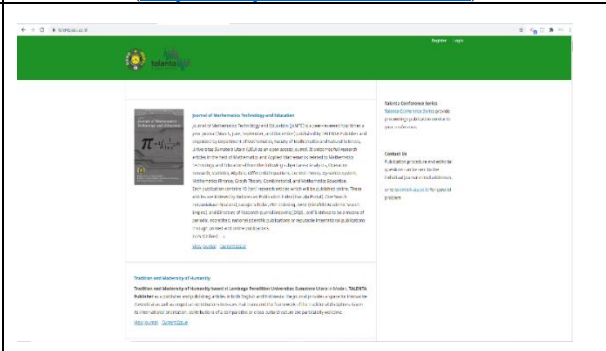
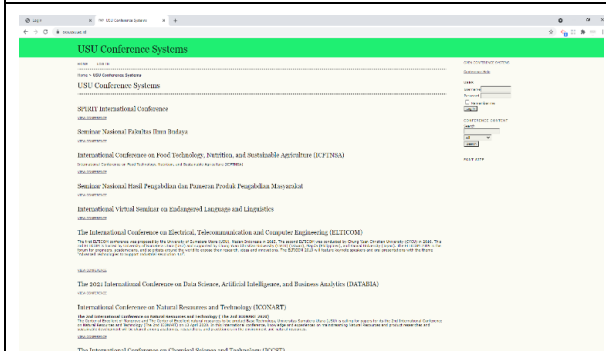
14. Online information system for community service lecturers (<https://simabdinas.usu.ac.id>)



15. Online information system for lecturer and employee administration data (<https://simsdm.usu.ac.id>)

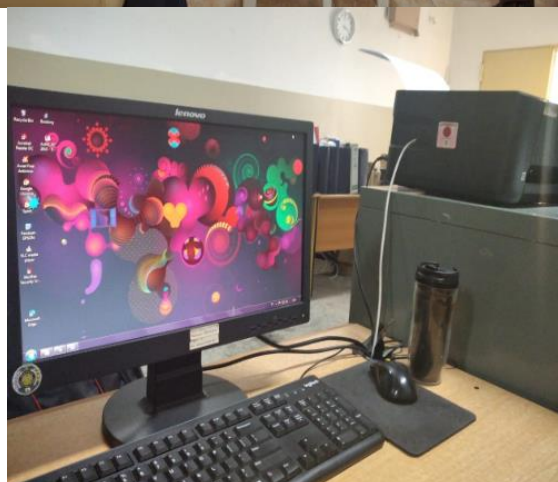


16. Information system designed to facilitate lecturers in storing data on publications, patents, and intellectual property rights (<https://sipustaha.usu.ac.id>)



17. OJS and OCS for paperless journals and conferences management





18. Use a thumbler to refill drinking water both daily and during meetings



19. Meeting and conference merchandise at USU



20. GenBI Komisarariat USU Berperan Aktif dalam Mendorong Masyarakat Mengurangi Penggunaan Sampah Plastik

<https://genbisumut.com/?p=3783>

**Description:**

1. Rector's Regulation No. 3 of 2019 concerning the Implementation of the Green Campus Movement at the University of North Sumatra which consists of 4 chapters and 8 articles. In Article 7 Point 6 it is stated that not to use drinking water in packaging made from single-use plastic and/or plastic bags in the USU environment. Meanwhile, Article 7 Point 7 explains the steps to save paper such as using paper on both sides, saving using tissue paper as well as regulations related to sorting waste and B3 waste to facilitate transportation and waste management processes.
2. Referring to the rector's regulations, each faculty, and unit at USU make policies related to green campuses in their respective work units.



3. Policies regarding the use of tumblers and tote bags at the USU Integrated Research Laboratory to reduce plastic waste.
4. The use of e-learning in the learning process and student attendance at USU, especially during the online learning period, requires an application that makes it easier for students to learn. The features in USU's e-learning continue to develop, not only for uploading materials and attendance but also for planning lectures through the big button or google meet, planning assignments and semester exams. Links related to learning at USU: <https://elearning.usu.ac.id/>
5. Use of USU attendance for lecturers and staff attendance to reduce attendance using paper and fingerprint. Given the conditions of the COVID-19 pandemic, PSI has developed an online attendance that can be accessed by lecturers and employees via cell phones. Link for attendance of USU lecturers and employees: <https://presensi.usu.ac.id/>
6. Utilization of E-Office (<https://eoffice.usu.ac.id/>) to realize the principle of paperless concise administrative services and facilitate the management of incoming and outgoing letters electronically, e-office is expected to increase the efficiency and effectiveness of the management of correspondence and public services, accelerate the management of Service Manuscripts, and realizing a digitalized modern bureaucracy. The launching of this activity can be seen at [https://www.youtube.com/watch?v=l24bd\\_zUh34&ab\\_channel=USUOfficialSocialNetwork](https://www.youtube.com/watch?v=l24bd_zUh34&ab_channel=USUOfficialSocialNetwork)
7. Utilization of ASA (One-Stop Application) to reduce paper usage in student services. ASA (One-Stop Application) is a technology-based service to facilitate interaction between administration and students. Asa is an alternative for administrative problems on campus, especially during the pandemic (<https://asa.usu.ac.id/>).
8. Utilization of E-Agenda to reduce paper usage in scheduling activity agendas (<https://agenda.usu.ac.id/>)
9. Availability of USU library mobile applications, e-books and several excellent library services that can be accessed at <https://library.usu.ac.id/>
10. Information system to manage academic data administration in faculties/study programs at <https://portal.usu.ac.id/>
11. Online application for academic management of lectures consisting of student and lecturer data, arrangement of class schedules, study plan cards, study results cards, lecture schedules, to final assignments and student transcripts. This system is also connected to the existing system at the Ministry of Research, Technology and Higher Education (<https://sia.usu.ac.id/>)
12. USU has an integrated system also known as USU Single Sign On to enter several information systems at once, namely (a) Presence SIM is a system that regulates the attendance and attendance of every lecturer and employee; (b) HR SIM is a system for managing all university HR resources; (c) Simkerma is a cooperation system at USU; (d) USU Survey is a system for conducting surveys; (e) SIMRKA is a system for drafting university budgets and (f) SIMSKP is a system for making targets and achievements as well as evaluating the performance of university human resources (<https://akun.usu.ac.id/>)

13. Online information system for lecturer research at <https://simpl.usu.ac.id/>. In this system, starting from uploading research proposals, announcements related to submitting reports, progress reports to final reports and uploading research outputs.
14. Online information system for community service lecturers at <https://simabdimas.usu.ac.id/>. In this system, the same is devoted to community service lecturers starting from proposals, progress reports, final reports and uploading the outputs of community service.
15. Online information system for lecturers and staff administration data at <https://simsdm.usu.ac.id/> In this information system, apart from personal data, it is also available related to the Tridharma carried out by lecturers and the income earned.
16. Information system designed to facilitate lecturers in storing data on publications, patents, and intellectual property rights (<https://sipustaha.usu.ac.id>)
17. Online Journal System and Online Conference System for paperless journals and conferences management <https://ocs.usu.ac.id/>
18. The use of tumblers during meetings is in accordance with the rector's regulation to reduce the use of water in plastic packaging.
19. Meeting merchandise at USU varies from tote bags, tumblers, pens, flash disks, notebooks, etc. which are usually used as souvenirs for conferences or guests visiting USU.