



Handover of Printers as an Effort to Improve Administrative Support Facilities for Teachers and Students at Al-Azhar Private High School, Batam

Dalami¹, Tito Pratama², Rezki Alhamdi³, Moh. Thamdzir⁴, Natal Olotua Sipayung⁵, Syafruddin Rais⁶, Siska Amelia Maldin⁷, Wahyudi Ilham⁸, Syailendra Reza Irvansyah R⁹, Haufi Sukmamedian¹⁰, Abd Rahmad Yusuf¹¹
Manajemen Tata Hidangan^{1,2,4,5,6,7,8,9,11}, Manajemen Kuliner³,
Manajemen Devisi Kamar¹⁰ Politeknik Pariwisata Batam, Indonesia^{1,2,3,4,5,6,7,8,9,10,11}
dailami@btp.ac.id¹, tito@btp.ac.id², rezkialhamdi@btp.ac.id³, thandzir@btp.ac.id⁴,
natal@btp.ac.id⁵, rais@btp.ac.id⁶, siska@btp.ac.id⁷, ilham@btp.ac.id⁸, reza@btp.ac.id⁹,
haufi@btp.ac.id¹⁰, abdrahmad@btp.ac.id¹¹

Abstract

This community service activity aims to improve administrative support facilities at Al-Azhar Private High School Batam through the delivery of printers as a form of support for teaching and learning activities and school administration management. The problem faced by the school is the limited document printing facilities which has an impact on delays in the administrative process and the preparation of academic reports. Through this activity, the PKM implementation team coordinates with the school to distribute assistance in the form of a multifunctional printer unit that can be used by teachers and students in supporting administrative and academic activities. The implementation method includes a needs survey, equipment handover, and short training on the use of printers effectively and efficiently. The results of the activity show that the addition of this facility has a positive impact on the smooth school administration process, increases the efficiency of teachers' working time, and makes it easier for students to print learning documents. With this activity, it is hoped that it can strengthen cooperation between higher education institutions and high schools in an effort to improve the quality of education.

Keywords: Printer, Administrative Facilities, Work Efficiency, Al-Azhar Batam Private High School.

INTRODUCTION

Education is the main pillar in building superior, creative, and highly competitive human resources. Schools as formal educational institutions have an important role in carrying out an effective and efficient learning process. In order for these activities to run optimally, schools need to be supported by adequate facilities and infrastructure, including administrative facilities that support academic and non-academic activities. One of the important means in supporting school administration is the printer, which functions to print documents, reports, forms, grades, and learning materials needed by teachers and students. (Uinarni dkk., 2024)





In practice, there are still many educational institutions, especially private schools, that experience limitations in the availability of technological facilities and administrative equipment. Al-Azhar Private High School Batam is one of the schools that continues to strive to improve the quality of education through various development programs. However, based on the results of observations, this school still faces obstacles in terms of the availability of administrative support facilities, especially printer devices which function important in supporting daily school activities. (Dailami dkk., 2024)

The limited number of printers in schools has an impact on the lack of optimal administrative and learning processes. Teachers often have to wait a long time to print documents or teaching materials because the use of printers is done interchangeably. Meanwhile, students also need printouts for assignments such as practicum reports, papers, and the administration of extracurricular activities. This condition can certainly hinder time effectiveness, reduce productivity, and reduce the quality of school administration services to students and parents. (Pratama dkk., 2025)

Through this Community Outreach (PKM) activity, the handover of printers to Al-Azhar Batam Private High School is expected to make a real contribution in overcoming these problems. This activity is not only the provision of tools, but also a form of implementation of social concern and student responsibility for the progress of the world of education. Students play an active role as agents of change who help strengthen the education system through a real contribution to the needs of the school. (Dailami dkk., 2025)

The handover of this printer is expected to have a positive impact on improving teacher performance in learning administration, accelerating the document management process, and making it easier for students to complete academic tasks that require printed results. With this additional facility, schools can carry out administrative activities more efficiently, accurately, and professionally.

Furthermore, this activity is expected to foster collaborative relationships between universities and schools, especially in realizing the common goal, namely improving the quality of national education. PKM is also a learning facility for students to hone social awareness, organizational skills, and community service through useful real activities. (Siti Arafat dkk., t.t.)





Education is the main pillar in shaping the next generation of a quality nation. Efforts to improve the quality of education do not only depend on the curriculum and educators, but are also highly determined by the availability of facilities and infrastructure that support the learning process effectively. In the context of 21st century education, the need for technological devices such as computers and printers has become an integral part of the teaching and learning process, both for the benefit of school administration, teacher teaching, and students' academic tasks. (Nur Khusnul Hamidah dkk., t.t.)

Unfortunately, not all educational institutions have equal access to these supporting facilities, especially small or medium-sized private schools that have limited budgets. One of them is Al-Azhar Batam Private High School, a school located in an area with fairly developed access to education, but still facing challenges in terms of the availability of learning support tools. Based on the results of initial observations and interviews with the school, it is known that the need for a printer is still very urgent. The limited number of printers causes teachers to have to queue or print documents in turn, which indirectly hinders the effectiveness of delivering materials to students.

From the student side, similar obstacles also occurred. Many students do not yet have personal access to printers, both at home and in the school environment. This becomes an obstacle when they have to print assignments, reports, or portfolios that are part of the learning process. It is not uncommon for students to have to spend additional costs to print outside of school, which is certainly a burden in itself, especially for students from middle-to-lower economic families. This condition reflects the gap in access to basic education technology that should be provided as a minimum need to support teaching and learning activities.

Departing from these problems, the Student Creativity Program team felt called to contribute through the activity of Providing Printer Assistance to Teachers and Students at Al-Azhar Batam Private High School. This program is not only focused on distributing printer assistance as an educational tool, but will also be accompanied by training on the use, maintenance, and management of printer use so that the devices provided can be utilized optimally and sustainably.





This activity is a tangible form of student service to the community, especially in supporting the progress of secondary education in the region. With the help of printers and accompanying training, it is hoped that there will be an increase in teacher work efficiency, the ease of students in completing assignments, and the growth of a stronger digital literacy culture in the school environment. This program also aims to strengthen synergy between universities and secondary education institutions, as part of students' social responsibility in realizing inclusive and quality education.

Furthermore, this activity also supports the achievement of the Sustainable Development Goals (SDGs), especially in the 4th point, namely "Quality Education", which emphasizes the importance of access to inclusive and equal education for all groups. Therefore, this program is not only practical, but also has strategic value within the framework of superior and competitive human resource development.

Thus, the Printer Handover activity as an Effort to Improve Administrative Support Facilities for Teachers and Students at Al-Azhar Batam Private High School is expected to be able to have a long-term impact in supporting educational activities, improving the quality of administrative services, and strengthening the synergy between the campus world and the world of secondary education.

COMMUNITY OVERVIEW

1. Profile & Data of SMAS AL-AZHAR School, Batam City, Riau Islands

SMAS AL-AZHAR is one of the high school level schools with private status in the area of Lubuk Baja District, Batam City, Riau Islands. SMAS AL-AZHAR was established on November 26, 1999 with Establishment Decree Number 1588/109.4/MN/99 which is under the auspices of the Ministry of Education and Culture. In learning activities, the school, which has 54 students, is guided by 15 teachers who are professionals in their fields. The current Principal of AL-AZHAR SMAS is Hj. Sulfia Netti. The operator in charge is R Sugiarto. With the existence of SMAS AL-AZHAR, it is hoped that it can contribute to educating the nation's children in the area of Lubuk Baja District, Batam City.

Accreditation and Certification of SMAS AL-AZHAR. This school has been accredited A with Accreditation Decree Number 1347/BAN-SM/SK/2021 on





December 8, 2021. Students of SMAS AL-AZHAR. At the time of writing, SMAS AL-AZHAR has a total of 54 students consisting of 19 male students and 35 female students, of which there are more female students than male students. Address SMAS AL-AZHAR The address of SMAS AL-AZHAR is located at JL. GN. BROMO BALOI INDAH, Kampung Pelita, Lubuk Baja District, Batam City, Riau Islands.

Contact SMAS AL-AZHAR. If there is anything you want to ask SMAS AL-AZHAR, you can contact SMAS AL-AZHAR through the phone/fax/email number in the complete information table or go directly to SMAS AL-AZHAR located on JL. GN. BROMO BALOI INDAH, Kampung Pelita, Lubuk Baja District, Batam City, Riau Islands. SMAS AL-AZHAR Website. You can get the latest information updates related to academic and non-academic activities carried out by SMAS AL-AZHAR through the official website of SMAS AL-AZHAR with the address elearning.smaalazhar.sch.id.

2. Al-Azhar Batam High School: Superior Private School with A Accreditation

SMAS Al-Azhar Batam is a private high school located on Jalan Gunung Bromo, Baloi Indah, Kampung Pelita, Lubuk Baja District, Batam City, Riau Islands Province. This school was established on November 26, 1999 with the Decree of the Minister of Education and Culture Number 1588/109.4/MN/99 and has received A accreditation based on the Decree of the National Accreditation Board for Schools/Madrasah Number 040 of 2016 issued on October 24, 2016.

SMAS Al-Azhar Batam organizes education for a full day, 5 days a week, with a structured learning system and oriented towards character development and student achievements. This school has complete facilities, including internet access, electricity sources from PLN, and comfortable classrooms. (SMAS AL-AZHAR BATAM, t.t.)

Advantages of SMAS Al-Azhar Batam:

- Accreditation A: Indicates high quality of education and meets national standards.
- Complete facilities: Internet access, power source, and comfortable classrooms are available to support the learning process.
- Comprehensive curriculum: Equipping students with the knowledge, skills, and noble values necessary for the future.
- Qualified teachers: Highly dedicated and experienced in the field of education.





- Conducive learning atmosphere: Encourages students to develop optimally in various areas.

Contact Us: For more information about SMAS Al-Azhar Batam, you can contact:

- Phone: 0778431977
- Email: smaalazharbatam@yahoo.co.id
- Website: <http://elearning.smaalazhar.sch.id>

SMAS Al-Azhar Batam is the right choice for those of you who want a high-quality education with a conducive learning atmosphere. Join us and achieve a bright future.



Logo of Al-Azhar Private High School Batam



Source high/ pixel : 31/10/2025 year





METHODOLOGY

1. Target Audience

The target audience in the Student Creativity Program (PKM) Social Service Printer Handover as an Effort to Improve Administrative Support Facilities for Teachers and Students at Al-Azhar Batam Private High School includes various parties who directly or indirectly receive benefits from the implementation of this activity.

a. Teachers and Education Personnel

Teachers and administrative staff are the main beneficiaries of this activity. With the help of printers, school administration processes such as printing academic documents, preparing reports, making exam questions, and various teaching needs can be carried out faster, more efficiently, and more cost-effectively. This is expected to increase work productivity and support the quality of education services.

b. Students of Al-Azhar Private High School Batam

The students became indirect beneficiaries. With the increase in the smooth administration and the availability of learning support facilities, students will get a more conducive learning environment. Academic documents such as grades, assignments, certificates, and teaching materials can be accessed more easily and quickly, thus supporting the improvement of their learning quality.

c. School Management and Leadership

The principal and management team will benefit in the form of increasing the efficiency of school operations. The procurement of this printer helps to facilitate internal and external administrative activities, as well as strengthen school governance in supporting transparency and accountability of educational institutions.

d. Community Around School

The surrounding community is also part of the target audience because this activity contributes to improving the quality of education in the region. Schools that are more organized and have complete facilities will be able to produce more qualified graduates, which can ultimately have a positive impact on the social and economic development of the surrounding community.

e. PKM Implementing Universities and Students





The students implementing the program are also part of the target audience. Through this activity, students gain direct experience in applying science in society, strengthening the spirit of social care, and building partnerships between universities and educational institutions.

f. Government and Related Institutions

Local governments and education offices can use this activity as a form of synergy in supporting the improvement of the quality of education. The program also shows that collaboration between campuses and schools can be a productive and sustainable model of cooperation.

2. Method of Activity

The methods for carrying out this activity to address the identified issues are as follows:

a. Help

Preparing a Color Prenter unit to provide assistance to teachers and students of Al-Azhar Private High School, Batam, Kampung Pelita Village, Lubuk Baja District, Batam City

b. Activity procedure

These service activities include:

- a) Coordination with the Principal of Al-Azhar Batam Private High School. Related to the preparation of the schedule of social service activities at the planned location.
- b) Coordination with the Principal of Al-Azhar Batam Private High School. Related to the preparation of the schedule of social service activities at the planned location.

3. Steps - Steps of Activities

The steps of the activities carried out are as follows:

- a. Providing information to the Principal of Al-Azhar Batam Private High School that there are social service activities to build solidarity.
- b. Providing assistance according to the needs of the Principal of Al-Azhar Private High School Batam

4. Supporting and Inhibiting Factors

Based on the evaluation of the implementation and the results of activities, supporting and inhibiting factors in carrying out this community service program





can be identified. Broadly speaking, the supporting and inhibiting factors are as follows:

a. Supporting Factors

- a) There are adequate potential donors in delivering assistance for social service activities to build solidarity in the community in Batam City.
- b) The enthusiasm and activeness of the students of Al-Azhar Private High School, Batam, Kampung Pelita Village, Lubuk Baja District, Batam City.

b. Inhibiting Factors

- a) Limited budget for social service activities to increase solidarity for the underprivileged in Batam City
- b) There are still donors who do not understand the purpose of the social service activities that will be carried out at Al-Azhar Private High School Batam, Batam City.



Source high: 31/10/2025 year

SUTAINABLE AND POTENTIAL

1. Results of Activity Implementation

The implementation of the Student Creativity Program (PKM) Social Service Printer Handover as an Effort to Improve Administrative Support Facilities for Teachers and Students at Al-Azhar Batam Private High School went well and in accordance with the plan that has been prepared. This activity was carried out on the day (mention the date and time of the activity) in the Al-Azhar Batam Private High School.





The event was attended by the student implementation team, supervisors, principals, teachers, administrative staff, and student representatives. The implementation of the activity began with remarks from the school and representatives of the student team, followed by a symbolic handover procession of printer assistance, as well as the signing of the handover minutes.

In general, this activity resulted in several important achievements, including:

a. Improving School Administration Facilities

With the help of printers, the school now has additional administrative support facilities that can be used to print academic documents, teacher administration, correspondence, and various teaching and learning activities. This has a direct impact on time efficiency and improving the quality of administrative services.

b. Increasing Work Efficiency and Productivity of Teachers and School Staff

Previously, administrative activities often experienced obstacles due to the limitations of printing equipment. Now, the document management process can be done independently at school more quickly, so that teachers can focus more on learning activities and student services.

c. Building Cooperation between Universities and Schools

This social service activity is a tangible manifestation of synergy between universities and secondary education institutions. The good relationship between the Batam Tourism Polytechnic (for example) and Al-Azhar Batam Private High School is expected to continue to be established in the form of other service and educational activities in the future.

d. Increasing Student Social Awareness

Melalui kegiatan ini, mahasiswa memperoleh pengalaman langsung dalam berinteraksi dengan masyarakat pendidikan, menumbuhkan rasa empati, tanggung jawab sosial, dan semangat berbagi untuk membantu meningkatkan kualitas pendidikan di lingkungan sekitar.

e. Delivering Educational and Inspirational Messages to Students

In this activity, a short motivational session was also inserted by the student team to the students about the importance of the spirit of learning, innovation, and technology in the world of education. The session received a positive and enthusiastic response from the participants.





Overall, this social service activity ran smoothly, received full support from the school, and provided real benefits for improving the facilities and quality of educational services at Al-Azhar Batam Private High School.

2. Discussion of the Results of the Implementation of Activities

The results of PKM activities generally include the following components:

- a. The success of the target amount to be given assistance
- b. Achievement of the objectives of the discussion What are the objectives of social service activities
- c. Achievement of planned assistance targets

CONCLUSION

The activities of the Student Creativity Program (PKM) Social Service Printer Handover as an Effort to Improve Administrative Support Facilities for Teachers and Students at Al-Azhar Batam Private High School have been carried out well and have provided positive results for the school and the educational community in general. Through this activity, students have succeeded in making a real contribution in supporting the improvement of administrative infrastructure in schools. The assistance of the printer has helped to smooth the process of administrative and learning activities, so that the efficiency and productivity of teachers and school staff can increase. In addition, this activity is also a means for students to apply the values of social care, strengthen partnership relationships between universities and secondary education institutions, and foster awareness of the importance of the role of students in community development, especially in the field of education. Overall, this social service activity shows that the synergy between the world of higher education and high schools is able to create a sustainable positive impact. The improvement of administrative support facilities is expected to encourage the creation of a more effective, efficient, and professional learning environment at Al-Azhar Batam Private High School.

SUGGESTION

1. Social service activities to build solidarity while helping at the Principal of Al-Azhar Private High School Batam, Batam City are more often carried out to underprivileged people so that they feel cared for by other communities.





2. Collaborating between the Principals of Al-Azhar Batam Private High School Batam City to achieve a common goal to improve mutual help and share with those who are less fortunate or economically low

REFERENCES

Dailami, Pratama, T., Thandzir, M., Ilham, W., Sukmamedian, H., & Y, A. R. (2025). Providing Assistance To Students At Al-Jabar Batam Private Vocational School. *JURNAL KEKER WISATA*, 3(2), 175–183. <https://doi.org/10.59193/jkw.v3i2.402>

Dailami, Thandzir, M., Sukmamedian, H., R, S. R. I., & Sipayung, N. O. (2024). Pelatihan Pengembangan Usaha Barista Dan Mixologi Untuk Siswa-Siswi Di SMK Al-Azhar Batam. *JURNAL KEKER WISATA*, 2(2), 237–247. <https://doi.org/10.59193/jkw.v2i2.257>

Nur Khusnul Hamidah, Ismunandar, M., & Amirulmukminin, J. (t.t.). Pengabdian Kepada Masyarakat melalui Kegiatan Bakti Sosial Pembagian Sembako dalam rangka Dies Natalis STIE Bima ke-23. *Jurnal Pengabdian dan Perubahan Sosial*. <https://pkm.lpkd.or.id/index.php/Karya>

Pratama, T., Dailami, D., Ilham, W., Thandzir, M., & Yusuf, A. R. (2025). Social Service With Students At Ma Indistry Al-Jabar, Batam City. *JURNAL KEKER WISATA*, 3(1), 18–25. <https://doi.org/10.59193/jkw.v3i1.331>

Siti Arafat, Aschari Senjahari Rawe, Nining Syariah, & Adi Neneng Abdullah. (t.t.). PENGABDIAN MASYARAKAT GERAKAN BAKTI SOSIAL PENYEMPROTAN DISINFEKTAN DAN BERBAGI PAKET SANTUNAN PEDULI COVID-19 DI PONDOK PASENTRAN BUKIT TENGKORAK NDAO KABUPATEN ENDE FLORES. *Universitas Muhammadiyah Mataram*. <https://journal.ummat.ac.id/index.php/jpmb/article/view/4828/2836>

SMAS AL-AZHAR BATAM. (t.t.). *Profil & Data Sekolah SMAS AL-AZHAR, Kota Batam, Kepulauan Riau*. Diambil 27 Oktober 2025, dari <https://daftarsekolah.net/sekolah/429212/smas-al-azhar>

Uinarni, H., Djuartina, T., Sasmita, P. K., Santi, B. T., & R. Budianto, I. (2024). Peran Bakti Sosial (Baksos) Dalam Pengenalan Penyakit Sejak Dini Pada Masyarakat. *Mitramas: Jurnal Pengabdian dan Pemberdayaan Masyarakat*, 2(2). <https://doi.org/10.25170/mitramas.v2i2.5543>

<https://kepri.kemenkumham.go.id/berita-utama/kunjungan-kerja-kakanwil-ke-lapas-kelas-ii-a-batam-penguatan-integritas-dan-penghargaan-prestasi>