

SCHOOL COOPERATION MANAGEMENT WITH DUDI IN INCREASING THE QUALITY OF GRADUATES

Tahshir

Universitas Islam Negeri Raden Intan Lampung, Indonesia

DOI: <https://doi.org/10.52627/ijeam.v4i1.189>

Article History:

Received: May 2022

Accepted: August 2022

Published: August 2022

Keywords:

Cooperation Management,
Graduate Quality, Partnership
Program

***Correspondence Address:**

tahshir.mukhlish@gmail.com

Abstract :

The focus of this research is to find out the cooperation management of SMKN 1 Padang Cermin with the industrial world in improving the quality of graduates and the benefits resulting from this collaboration. This research uses a qualitative descriptive research type. Data is obtained and then collected to be processed systematically. From the interview, clarifying, presenting, and concluding the data. The study results show that the management of school collaboration with the industrial world is good with the planning process carried out by SMKN 1 Padang Cermin conducting surveys and program analysis, preparing partnership proposals, and program development. Organizing process by detailing all the work that must be carried out to achieve organizational goals, distributing workloads, and developing mechanisms to coordinate the work of members of the organization. The process of implementing collaboration includes Curriculum Validation, Industrial Visits, Internships, Training Programs, UKK, Production Programs, Tools and Equipment Assistance, and Graduate Distribution Programs. Moreover, the process of controlling and evaluating activities for the Cooperation program carried out by SMKN 1 Padang Cermin with the Business and Industrial World (PT AHM) has been evaluated at the end of each year. From this collaboration, the benefits felt by the school and PT.AHM.

Abstrak:

Fokus penelitian ini untuk mengetahui manajemen Kerjasama SMKN 1 Padang Cermin dengan dunia industry dalam meningkatkan mutu lulusan dan manfaat yang dihasilkan dari Kerjasama tersebut. Penelitian ini menggunakan jenis penelitian deskriptif kualitatif. Data diperoleh, kemudian dikumpulkan untuk diolah secara sistematis. Dimulai dari wawancara, mengklarifikasi, selanjutnya penyajian data serta menyimpulkan data. Hasil penelitian menunjukkan bahwa manajemen kerjasama sekolah dengan dunia industry sudah baik dengan proses Perencanaan yang dilakukan oleh SMKN 1 Padang Cermin melakukan kegiatan Survei dan analisis program, Penyusunan Proposal Kemitraan, Penyusunan Program. Proses Pengorganisasian dengan merincikan seluruh pekerjaan yang

harus dilaksanakan untuk mencapai tujuan organisasi, melakukan pembagian beban kerja, serta pengadaan pengembangan mekanisme untuk mengkoordinasi pekerjaan para anggota organisasi. Proses Pelaksanaan kerjasama dengan melaksanakan Validasi Kurikulum, Kunjungan Industri, Prakerin, Program Pelatihan, UKK, Program Produksi, Bantuan Peralatan tools and equipment, dan Program Penyaluran Lulusan. Dan Proses pengendalian dan evaluasi Kegiatan terhadap program Kerjasama yang dilakukan oleh SMKN 1 Padang Cermin dengan Dunia Usaha dan Dunia Industri (PT AHM) sudah berjalan dengan baik melalui evaluasi setiap akhir tahun. Dari kerjasama tersebut melahirkan manfaat yang dirasakan oleh sekolah dan PT.AHM.

INTRODUCTION

Cooperation between schools and industry is needed in connection with rapid technological developments that occur in the industry. That schools will be far behind if they do not collaborate with industry because schools cannot provide all the equipment that suits industry needs in the learning process at school (Rahmawati & Supriyanto, 2020; Rizquha, 2022; Wahid et al., 2022). In addition, collaboration with industry will also assist schools in channelling their graduates. The industry already knows the extent of competency possessed by graduates from schools collaborating with the industry concerned. As well as creating competent and superior students in their fields.

According to (Foskett, 2005), collaboration partnerships are a bond of cooperation between individuals or organizations to produce mutual benefits. To increase relevance to meet the needs of the world of work, the partnership relationship that needs to be built is a partnership model, namely building a mutually beneficial collaboration between schools and industry and sharing responsibilities and potential (resources) owned by each party.

Vocational high school is a strategic program to provide a middle-level workforce (Purwoko, 2010). Vocational High Schools (SMK) in their learning provide material in theory and material skills (practice) which will be used as a provision for students to enter the competition in the increasingly competitive world of business and industry. To achieve success in the Vocational High School (SMK), more is needed to educate, train, and shape the students' attitudes and channel graduates into the relevant business and industrial world according to their program of abilities or expertise.

The quality of education graduates is very closely related to the process of implementing learning which is influenced by many factors, including curriculum, teaching staff, learning processes, facilities and infrastructure, tools and materials (Stracke, 2019; Ryan, 2015). Infrastructure, the ability of teaching staff (teachers) and the curriculum must also be adjusted to the development of educational dynamics so that student's understanding of the subject matter can be optimal (Yang & Li, 2022).

SMKN 1 Padang Cermin is a state vocational school in the Pesawaran Lampung area. Based on researchers' observations, SMKN 1 Padang Cermin has a record of achievements in contest competitions held by PT. AHM, which is held annually. This has attracted and inspired the writer to find out more

about the competencies of the students, the researcher intends to further examine and describe the management of cooperation carried out by SMKN 1 Padang Cermin with the Business and Industrial World (PT. AHM). Thus, researchers are interested in conducting research on "School Cooperation Management with DUDI (PT. AHM) in Improving the Quality of Graduates at SMKN 1 Padang Cermin"

RESEARCH METHODS

The researcher uses a qualitative approach by considering several things, namely by adjusting the qualitative method and presenting the nature of the relationship between the researcher and the respondent directly; this method is more sensitive and more able to adapt to the many sharpening of joint influences and the value patterns encountered. Thus the qualitative method seeks to understand and interpret the meaning of an interaction event of human behaviour in certain situations according to the researcher's perspective. This research was conducted at SMK N 1 Padang Cermin, Padang Cermin, Pesawaran. This research was conducted from December 2021 to March 2022.

Data Collection Techniques with Observation, documentation, and interviews. Observations in this study were conducted to determine planning, organizing, implementing and evaluating in collaboration with the business and industrial world at SMK Negeri 1 Padang Cermin, as well as knowing the benefits of this collaboration. The documentation method is used to collect data related to the management of cooperation with the industrial or business world at SMK Negeri 1 Padang Cermin. The interview method used by the researcher will ask or gather information directly from the school's parties who are related to the cooperation program with the business and industrial world.

HASIL PENELITIAN DAN PEMBAHASAN

The results obtained from this study can be presented as follows: Focus 1 on cooperative management. The Cooperation Management carried out at SMK Negeri 1 Padang Cermin found the following stages:

1. Planning includes:
 - a. Program survey and analysis. The team carried out the survey activity to find information on the strengths and desires of the community as well as an analysis of the business and industrial world in line with the results of graduates needed to support strengthening school relations with the PT Industry. AHM,
 - b. Submitting partnership proposals. Preparation of Partnership Proposals is a series of plans to cooperate with partnership partners.
 - c. Programming. The preparation of the Padang Cermin 1 SMKN Program in planning cooperation includes a strategic plan regarding Development Components, including Curriculum and Teaching and Learning Processes, School Management Organizations, Facilities and Infrastructure, Manpower, Funding, Learners/Students, Community Participation, School Culture Environment, Spouse Institution. While the program plan includes: 1. Academic field, including Arranging Teacher Needs, Archiving Syllabus, Making KTSP, Making RPP, Making Teaching

Devices, Carrying out Daily Deuteronomy, Implementing UTS, Implementing US, Making Learning Modules, Carrying out TSM Competency Exams, Carrying out Internships, Sending Students in LKS District/Provincial Level. 2. Student Affairs Department consists of Carrying out New Student Admissions, Recording students who are active in student activities, Recording students who excel in student activities, Compiling class devices, and Recording study groups at each level. 3. The field of Facilities and Infrastructure consists of Compiling a list of equipment requirements, Conducting an inventory of equipment, Designing internal automotive workshops, Designing external automotive repair shops, and Completing practicum facilities. 4. The Teacher Development Division consists of Collecting identity data, last education, training/courses, Sending training in pedagogic activities, Sending training in vocational development, Participating in IHT in pedagogic activities, and Following IHT in vocational techniques. 5. The Administration field consists of Making absence forms, Recording student attendance, Recording class administrator data, Making student biodata, Recording student scores, Recording competency values owned by students, and Recording students who carry out internships. 6. The field of Production Units consists of: Opening an automotive repair shop, Opening a UPJ, and Doing UP administration. 7. Industrial Cooperation consists of Field Trips to automotive DU/DI, Designing proposals for cooperation in apprenticeship placements, Bringing in industrial speakers to the department, and Appointment of assessors in student competency testers. 8 Development of the Expertise Program consists of: Preparing expertise program brochures, introducing expertise programs for new students, Student coaching (discipline and achievement), Career coaching, and Carrying out Field Trials to the industry. 9. The Finance sector consists of Preparing funding plans for purchasing tools and materials, Making reports on the use of funds.

2. Organizing includes departmentalization and division of labour, namely departmentalization and division of labour. Departmentalization is the grouping of work activities of an organization so that similar and interrelated activities can be carried out together. This will be reflected in the formal structure of an organization and appear or be shown by an organizational chart.
3. The organizing process can be demonstrated by the following three steps of the procedure: Detailing all the work that must be carried out to achieve organizational goals, Dividing the total workload into activities that can logically be carried out by one person, Procurement and developing of a mechanism to coordinate the work of members of the organization into a unified and harmonious whole.

Table 1. Division of Work and Responsibilities of the TBSM Department

No	Name	Name Type of Responsibility
1	Istiadi, S.ST,Pi	Head of Department/ Special Handling of Motorcycle Chassis Material
2	A. Junaidi, S.T	Secretary of Department/ Special handling of machine maintenance
3	Supriyatno, S.T	Special handler of Technical Drawing material
4	Daryono, ST	Handling basic automotive work
5	Beni ST	Handling basic automotive technology work
6	Ibnu Masruri ST	Special handling of motorcycle electricity

1. Implementation includes business and industry coordination, Memorandum of Understanding (MoU) or joint memorandums of understanding, curriculum synchronization, Field Work Practices (PKL), Skills Competency Tests (UKK), teacher apprenticeships or On Job Training (OJT), Tools and equipment, SMK Special Job Exchange Program (BKK), teaching factory program.
2. Evaluation includes planning evaluation, implementation evaluation, implementation impact and follow-up plan. Until now, several programs have been running well, while the constraints experienced in the cooperation program with the business and industry world at SMK Negeri 1 Padang Cermin have caused several activities to be less than optimal and need to be improved/developed, such as curriculum synchronization, on the job training, stock exchanges. Exceptional work and teaching factory programs.

The profits or benefits obtained from this collaboration are felt by the parties carrying out the collaboration, both schools and the business world. Benefits for schools include: As a source of development for schools and their graduates, Knowing information about the world of work that is relevant to the competency skills that exist in schools, Providing an industrial experience for apprentice teachers, Improving skills and work experience of teachers, A place to send students to carry out internships, Means distribution of the workforce, Expanding new technological insights, Possibility of getting assistance for valuable materials, Maintenance of equipment, and employee welfare, Place of practical learning (Teaching by Factory). Benefits for DUDI include: Obtaining a source of labour, As a form of community service, Company promotion facilities, and Adding marketing areas and Means of reference for transferring technology and information.

CONCLUSION

Based on the results of research and discussion regarding the Management of School Collaboration with DUDI (PT. AHM) in Improving the Quality of Graduates at SMKN 1 Padang Cermin, it can be concluded as follows; first, the planning for school cooperation with the business world and the industrial world (PT. AHM) carried out by SMKN 1 Padang Cermin has been good by carrying out activities; a. Survey and program analysis, b. Preparation of Partnership Proposals, c. Programming. Second, the Organization of Cooperation at SMKN 1 Padang Cermin details all the work that must be carried

out to achieve organizational goals, distribute workloads, and develop mechanisms to coordinate the work of organizational members. So the collaboration between SMKN 1 Padang Cermin with the business world and the industrial world can be said to have been carried out well. Third, the implementation of cooperation with the Business World and the Industrial World (PT. AHM), among others, can be in the form of a. Curriculum Validation b. Industrial Visit c. Internship, d. Training Program, e. UKK, f. Production Program, g. Equipment Assistance, Graduate Distribution Program. Fourth, Control and evaluation. The evaluation activities for the Collaboration program carried out by SMKN 1 Padang Cermin with the Business and Industrial World (PT AHM) have been evaluated at each stage's end.

REFERENCES

- Adha, M. A., Supriyanto, A., & Timan, A. (2019). Strategi Peningkatan Mutu Lulusan Madrasah Menggunakan Diagram Fishbone. *Tarbawi: Jurnal Keilmuan Manajemen Pendidikan*, 5(01), 11-22.
- Azizah, A., Murniati, A. R., & Khairuddin, K. (2015). Strategi Kerjasama Sekolah Dengan Dunia USAha dan Dunia Industri (DUDI) dalam Meningkatkan Kompetensi Lulusan Pada SMK Negeri 3 Banda Aceh. *Jurnal Administrasi Pendidikan Program Pascasarjana Unsyiah*, 3(2), 93817.
- Darmaji, D., Supriyanto, A., & Timan, A. (2019). Sistem Penjaminan Mutu Internalsekolah Untuk Meningkatkan Mutu Lulusan. *JMSP (Jurnal Manajemen dan Supervisi Pendidikan)*, 3(3), 130-136.
- Fitri, M., & Nugraheni, A. S. (2021). Manajemen Sekolah dalam Mengembangkan Strategi Pembelajaran Anak Usia Dini Pada Masa Pandemi Covid-19. *Bunayya: Jurnal Pendidikan Anak*, 7(1), 96-113.
- Indrawan, M. I., & Widjanarko, B. (2020). Strategi Meningkatkan Kompetensi Lulusan Universitas Pembangunan Panca Budi Medan. *JEpa*, 5(2), 148-155.
- Permana, J., Prihatin, E., Rochyadi, E., & Syarifah, L. S. (2020). Bagaimana Perbandingan SLB Negeri dan SLB Swasta: Analisis pada Implementasi Manajemen Pendidikan Life Skill. *Jurnal Penelitian Pendidikan*, 20(3), 370-381.
- Prayoga, A., & Jahari, J. (2019). Manajemen Jejaring Kerjasama Pondok Pesantren. *Al-Ma'arif: Jurnal Pendidikan Sosial dan Budaya*, 1(2), 81-88.
- Rahmawati, S. N. A., & Supriyanto, A. (2020). Pentingnya Kepemimpinan dan Kerjasama Tim Dalam Implementasi Manajemen Mutu Terpadu. *JDMP (Jurnal Dinamika Manajemen Pendidikan)*, 5(1), 1-9.
- Rahmawati, S. N. A., & Supriyanto, A. (2020). Pentingnya Kepemimpinan dan Kerjasama Tim dalam Implementasi Manajemen Mutu Terpadu. *Jurnal Dinamika Manajemen Pendidikan (JDMP)*, 5(1), 4.
- Rahmawati, S. N. A., & Supriyanto, A. (2020). Pentingnya Kepemimpinan dan Kerjasama Tim dalam Implementasi Manajemen Mutu Terpadu. *Jurnal Dinamika Manajemen Pendidikan (JDMP)*, 5(1), 4.

- Rizquha, A. (2022). Trilogy and The Five Branding Awareness : Strategies to Build Public Trust in Higher Education. *Journal of Educational Management Research*, 01(01), 12-23.
- Rizquha, A. (2022). Trilogy and The Five Branding Awareness : Strategies to Build Public Trust in Higher Education. *Journal of Educational Management Research*, 01(01), 12-23.
- Ryan, T. (2015). Quality assurance in higher education: A review of literature. *Higher Learning Research Communications*, 5(4), 1-12. <https://doi.org/10.18870/hlrc.v5i4.257>
- Ryan, T. (2015). Quality assurance in higher education: A review of literature. *Higher Learning Research Communications*, 5(4), 1-12. <https://doi.org/10.18870/hlrc.v5i4.257>
- Stracke, C. M. (2019). Quality frameworks and learning design for open education. *International Review of Research in Open and Distance Learning*, 20(2), 180-203. <https://doi.org/10.19173/irrodl.v20i2.4213>
- Stracke, C. M. (2019). Quality frameworks and learning design for open education. *International Review of Research in Open and Distance Learning*, 20(2), 180-203. <https://doi.org/10.19173/irrodl.v20i2.4213>
- Suryana, Y., & Ismi, F. M. (2019). Manajemen Kurikulum dalam Meningkatkan Mutu Lulusan. *Jurnal Isema: Islamic Educational Management*, 4(2), 257-266.
- Tahshir, M. (2022). *Manajemen Kerjasama Sekolah dengan DUDI (PT. AHM) dalam Meningkatkan Mutu Lulusan pada SMKN 1 Padang Cermin* (Doctoral Dissertation, UIN Raden Intan Lampung).
- Wahid, A., Naemuddin, R., & Wafa, A. (2022). Internalisasi Nilai-Nilai Pendidikan Agama di Sekolah : Perspektif Manajemen Pendidikan Islam. *Journal of Educational Management Research*, 01(02), 82-94.
- Wahid, A., Naemuddin, R., & Wafa, A. (2022). Internalisasi Nilai-Nilai Pendidikan Agama di Sekolah : Perspektif Manajemen Pendidikan Islam. *Journal of Educational Management Research*, 01(02), 82-94.
- Yang, W., & Li, H. (2022). Curriculum Hybridization and Cultural Glocalization: A Scoping Review of International Research on Early Childhood Curriculum in China and Singapore. *ECNU Review of Education*, 5(2), 299-327. <https://doi.org/10.1177/20965311221092036>
- Yang, W., & Li, H. (2022). Curriculum Hybridization and Cultural Glocalization: A Scoping Review of International Research on Early Childhood Curriculum in China and Singapore. *ECNU Review of Education*, 5(2), 299-327. <https://doi.org/10.1177/20965311221092036>
- Zakia, H. (2019). Pemanfaatan Sistem Informasi Manajemen sebagai Strategi dalam Menjalinkan Kerjasama Sekolah dengan Wali Murid di Sekolah Menengah Pertama Negeri 1 Talamu. *Jurnal Bahana Manajemen Pendidikan*, 8(1), 58-65.