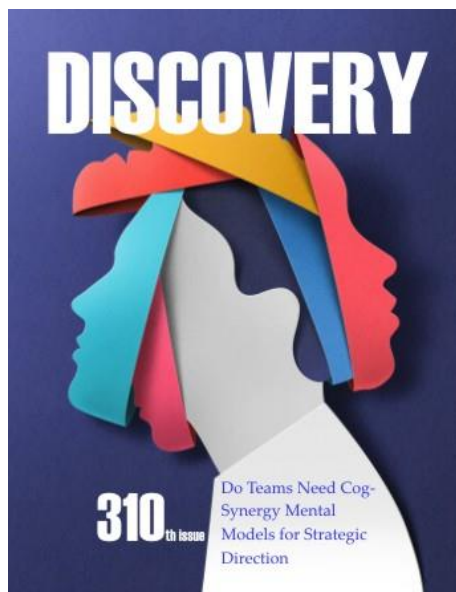


DISCOVERY

About the Cover



Teams' interaction with a focus on mental models is an active area of research. Yet, teams' mental models with spatial, social and strategic cognition remained an area to be expanded and empirically validated. This paper empirically validates the cog-synergy mental model through an experimental research design after development of a construct. The data collected through observers and team mates are analyzed through SEM. The results empirically validate the relationship of the cog-synergy mental model with high performance teams. The results develop an understanding of the teams' interactions and are useful for researchers, trainers, top management teams and practitioners. The paper contributes in team mental model literature and helps in understanding the interactive cognitive processes. (Ref: Khan MM, Tahir A. Do Teams Need Cog-Synergy Mental Models for Strategic Direction. *Discovery*, 2021, 57(310), 709-719).

Do Teams Need Cog-Synergy Mental Models for Strategic Direction

Mumtaz M Khan, Asma Tahir

Teams' interaction with a focus on mental models is an active area of research. Yet, teams' mental models with spatial, social and strategic cognition remained an area to be expanded and empirically validated. This paper empirically validates the cog-synergy mental model through an experimental research design after development of a construct. The data collected through observers and team mates are analyzed through SEM. The results empirically validate the relationship of the cog-synergy mental model with high performance teams. The results develop an understanding of the teams' interactions and are useful for researchers, trainers, top management teams and practitioners. The paper contributes in team mental model literature and helps in understanding the interactive cognitive processes.

Discovery, 2021, 57(310), 709-719

Sociolinguistics analysis on language style form at the movie script of Papillon

Dameria Purba, Febi Sulistia, Vebriati Lelyana Br. Manurung, Herman

This research discusses language style at the movie script of Papillon. This research aims to classify the type of language style and the functions of the speakers' utterances in using language style at the movie script of Papillon. The data source of this research was YouTube "Papillon" which was aired on September, 26th 2018. This study utilized theories of Martin Joos' types of language styles and Roman Jakobson's function. Data from the Papillon Movie Script. Researchers have implemented qualitative research designs to answer the research question. The researchers used documentation as a tool for research. The researchers found 30 language-style data sets as a result of their investigation. The scientists discovered many linguistic styles. The styles are as follows: 1 data point or 3%, 6 data points or 20%, were discovered in frozen style; 11 data points or 37%, casual style 6 to 20, and intimate style 6 to 20 were found in consultancies. The following five roles were revealed in the language style: expressive, guiding, referential, metalinguistic and phatic. There were 6 data or 20 percent of expressive function; the directive works 3 or 10 percent, the reference function found 8 or 27%, the metalinguistic function discovered 7 or 23% and the phatic function discovered 6 data or 20%. No poetic function is available in the film.

Discovery, 2021, 57(310), 720-727

Evaluation of Physico - Chemical Parameters of Ponds in Kodumon Panchayat

Divya S Rajan, Jithu J

Ponds are, in fact, very small and shallow bodies of quite standing water with only slight wind action. The primary requisite for fish culture in ponds is the water, which for successful rearing of fishes should offer the most favourable conditions for the existence not only of fish but of other aquatic organism as well, which form the food of fish. This paper deals with the study of physico-chemical parameters of water in two different ponds situated in Kodumon Panchayath. The study was made in the pre-monsoon season of 2014. The samples of water were collected using standard methods. Comparative study of certain hydrographical parameters showed that the first pond, Puthenkavil pond was slightly acidic with relatively lesser amount of dissolved oxygen. The results of this analysis point out the fact that all the parameters were within permissible limits prescribed by BIS water standards. The water qualities of these ponds were thus analysed and can be used for domestic and irrigation purposes.

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