

NATIONAL PRODUCTIVITY COUNCIL

(Under Ministry of Commerce & Industry, Govt. of India)
Dr. Ambedkar Institute of Productivity, Chennai.

Webinar on

“Multiple Criteria Decision Making (MCDM) Methods for Business & Management”

30th April 2021, 3 p.m.to 5 p.m.

About the webinar:

Multiple criteria decision making (MCDM) is a branch of operations research that helps in decision making in complex scenarios, by evaluating conflicting criteria, often involving both quantitative and qualitative factors. People usually weigh multiple criteria implicitly in their daily lives and may be comfortable with the consequences of the decisions that are made, based on only intuition. It is important to properly structure the problem and explicitly evaluate multiple criteria, when the stakes are high. With the significant usage of computers, the applications of MCDM methods have considerably become easier for the decision makers, as these methods are based on high end mathematics. The primary objective of applying MCDM as the decision aid is to obtain the most preferred alternative, followed by ranking and screening, to arrive at the final decision. Structuring complex problems well & considering multiple criteria explicitly leads to more informed and better decisions. MCDM is an effective tool for structuring a complex problem and exploring meaningful courses of actions to converge to good solutions that balances various concerns of the decision makers.

Objective:

To impart knowledge to the participants about MCDM and its application to their day to day work, and to various business scenarios of an organization.

Webinar Coverage:

- 1) Introduction to MCDM.
- 2) MCDM's importance in real life.
- 3) Classification of MCDM for various applications.
- 4) Application of MCDM in inventory management.
- 5) Application of MCDM in Supply Chain Management.
- 6) Application of MCDM in investment decisions.

Please contact Shri M Natarajan, at m.natarajan@npcindia.gov.in for any queries.



SPEAKER:
DR. PRABJOT KAUR

Dr. Prabjot Kaur is a Ph.D in Applied Mathematics & is presently working as an Assistant Professor in BIT, Mesra, Ranchi. She has 14 years of experience in research and teaching. Her area of research include Multiple Criteria Decision Making (MCDM) & Fuzzy MCDM, Intuitionistic Fuzzy Sets, Optimization, Inventory Management and Medical Diagnosis. She has completed a major UGC research project titled "A Decision Support System for Vendor Selection Problem under Intuitionistic Fuzzy Environment".

She was a member of the Board of Governors, BIT, Mesra from May 2014 -2015. She has guided several Ph.D. scholars and has published several articles, both in national as well as international journals. She has also written a book on "A Fuzzy Approach to Vendor Selection Problem".

Register @ <https://bit.ly/3fQyiUP>
e certificates will be issued to the participants.

REGISTRATION FEE:
Rs. 472/- per participant (inclusive of GST)



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