

FOREWORD

It is generally agreed that educators play a vital role in rendering effective tutelage and bringing about educational reform. Thereby, the grounding of teachers to further instruct is a complex and multitudinous undertaking. More-over, this dynamic profession requires teachers to adapt to the new challenges, wherein teacher training must entail the knowledge of futuristic and comprehensive pedagogical tools, not only during teacher education programs but also during Faculty Development Programs of in-service teachers.

The training programs for the in-service and pre-service teachers, aiming at their skill enhancement, must be incorporated with the pivotal requirements of Industry 4.0. Furthermore, the realignment of traditional pedagogies to the rapidly transforming educational community implies the detection of answers to different learning needs. Besides this, educators, mastering project and problem-based teaching pedagogies - and at the same time deploying pragmatic and cooperative learning practices - can empower students through heightened learning outcomes and customizable mentoring support.

In light of the aforementioned and in line with the visualisations of the EDUREFORM project titled "**Mitigate the Impact of Fourth Industrial Revolution on Indian Society: Education Reform for Future and In-service School Teachers,**" a team of experts from Indian and European universities, is working meticulously on the promotion of innovative teaching-learning tools and aids that promote not only the enhancement of skills such as analytical, critical thinking and problem-solving but also instil humane values and ethics.

Not to mention, for appreciating the initiatives of EDUREFORM and for reinforcing its objectives, I would like to express my earnest gratitude to the Erasmus+ Programme and to the European Commission for co-financing the project. The whole idea of revamping and shaping the teacher edification in light of Industry 4.0, would not have been made possible without the consistent support of the Erasmus+ Programme.

The book "Edureform Handbook for Innovative Pedagogy" lays out the innovative and progressive pedagogical strategies which, the in-service and pre-service teachers can incorporate to reform the educational journey of the generation Z and Alpha learners.

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