## Accepted Manuscript

Title: Design, production and characterisation of granular adsorbent material for arsenic removal from contaminated wastewater

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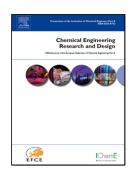
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## ACCEPTED MANUSCRIPT

## 1 Highlights

• Acetone was identified as suitable binder dissolution medium

- Optimum product yield and granule strength was obtained with acetone as
  binder carrier.
- Highest granule stability was obtained when impeller speed and binder
  concentration were at their highest values.
- High removal efficiencies for arsenic at a loading of 1000ppb were obtained.
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