

arXiv Submission

Disha Shur

July 2022

Publish your paper on arXiv

Assuming you have your project ready on Overleaf and are endorsed to submit papers to the category you wish, the following steps should guide you to a successful arXiv submission.

1. One of the files that you'll need that is not yet included in your project, is a .bbl file. This file helps arXiv display your references as in Overleaf pdf. There are two ways to get this from Overleaf.
 - (a) Go to the Logs and output files section beside the Recompile button and scroll down to Other logs and files at the bottom of that page. One of the files offered among the options will be output.bbl. Save this under the same name as the main file in your project with the extension .bbl, or,
 - (b) Go to Submit option in the title bar of Overleaf and scroll down to arXiv submission tab. Select Download project ZIP with submission files. The downloaded folder will have a file with .bbl extension and the same name as the main file.
2. Upload this ZIP file as the second step of your submission.
3. Now in my case, my project was using tikz-library and the versions on arXiv and Overleaf don't match. This threw the following error on arXiv compiler.

```
! Emergency stop.
<read *>
1.154 \usetikzlibrary
{arrows,shapes}^^M
! ==> Fatal error occurred, no output PDF file produced!
```

So I uploaded the required package tikz-graph.sty along with the project files, which solved this error.

4. Another error encountered in the compilation run was "Unable to convert to PDF". This was solved by defining

```
\pdfoutput = 1
```

after defining document class.

5. Another possible cause for unsuccessful compilation could be defining the natbib package before hyperref. Generating the project with the correct order reduced the intensity of the error.
6. Go ahead with the other steps when you are satisfied with the compilation, and preview the generated pdf before submitting.