

MONITORING PROGRESS OF MPHIL/PHD CANDIDATE

Scholars enrolling in MPhil will have to submit a dissertation for examination within 2 years from date of enrolment. Synopsis presentation is expected to take place within 6 months of completion of coursework prior to thesis submission.

An MPhil student is also expected to present a paper/ research work at a conference as part of pre-submission requirement of their dissertation.

The minimum period for completion of PhD, including coursework period is three years, and maximum is 5 years.

More details regarding rules governing MPhil and PhD programmes at AUD are available in the Research Studies Regulation.

The supervisor and the RAC will monitor five milestones during the PhD process:

◇ Successful completion of coursework: normally within 12 months of enrolment.

◇ Presentation and defence of research synopsis: before 5 semesters are completed after enrolment.

◇ Publication of a paper based on research work done for thesis: before submission of thesis.

◇ Pre-dissertation public viva: to be arranged by the SLS RSC.

◇ PhD defence in presence of AUD supervisor, co-supervisor (if any), thesis examiners, and any

other experts invited as per research studies regulations of AUD.

ADMISSIONS 2018

SEATS: MPhil-08, PhD-4 (AUD will follow the roster system for reservation for seats).

HOSTEL: AUD has 45 seats for women in its hostel in Kashmere Gate.

ELIGIBILITY

Candidates seeking admission in MPhil or PhD programme must have completed MA/MSc from a recognised University/Institute in Mathematics or a related subject with 55% marks or an equivalent grade. A relaxation in marks of 5% or an equivalent relaxation of grade is allowed for those belonging to SC/ST/OBC (non creamy layer, Delhi)/ differently-abled categories (DOPT/UGC list).

Meeting the eligibility criteria alone will not ensure admission.

Statement of Purpose (SOP): To be submitted at time of application. It should include a well articulated argument as to why the candidate wishes to pursue research at AUD. It should also include details on the area/s in mathematics in which the candidate wishes to pursue research. The SOP should not exceed 500 words. **Candidates' proposed research areas should be aligned with the specialisations of SLS (Mathematics) faculty.** Applicants are therefore encouraged to consult faculty profiles on the AUD website.

Entrance Test: SLS (Mathematics) will conduct two entrance exams. The first examination is

common for candidates applying to both the MPhil programme and the PhD programme and will be based broadly on a Masters level curriculum in Mathematics. The second examination is meant only for candidates applying for the PhD programme. While the questions for this will also be based on a Masters curriculum, they will be exploratory in nature drawn from the areas of research in which supervision will be offered.

Interview: Only candidates qualifying in the written exam/s will be called for the interview. The interview shall be based broadly on a Master's level curriculum, the written exam/s and the statement of purpose submitted.

A provisional admission to the MPhil or PhD programme will then be offered to the candidates on the basis of combined merit in the written entrance exam and interview with 75% weightage for written exam/s and 25% in interview.

APPLICATION DATES*

On-line Application: Until 08 July 2018

Eligible Candidate List: 09 July 2018

Entrance Test: 10 July 2018

Interview List: 13 July 2018

Interview: 18-21 July 2018

First List: 23 July 2018

*Consult the website for further entrance related details and other information: www.aud.ac.in

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School of Liberal Studies (SLS)

MPhil Programme and PhD Programme (Mathematics) 2018 – 2019



Dr B R Ambedkar University Delhi (AUD)
(Established by the Government of the National
Capital Territory of Delhi)
Lothian Road, Kashmere Gate, Delhi- 110 006

SCHOOL OF LIBERAL STUDIES (SLS)

SLS is home to postgraduate studies and research in Economics, History, Sociology and Mathematics. It offers a range of interdisciplinary, diverse and overlapping programmes that support, encourage and redefine liberal arts education through cutting-edge interdisciplinary courses, interactive pedagogy and learning that goes beyond classroom spaces.

MPhil and PhD ADMISSIONS 2018 for Mathematics

Applications are invited for MPhil and PhD Programmes in Mathematics. Supervision will be available in Algebra, Analysis, Differential Equations and Mathematical Modelling.

SUPERVISORY ARRANGEMENT

A Supervisor from the Mathematics Faculty of SLS shall be assigned to each MPhil and PhD Scholar. A Research Advisory Committee (RAC) would be constituted for each MPhil and PhD scholar.

The RAC will meet regularly to monitor the research scholar's progress during the programme and will also make recommendations as required to ensure that the scholar completes all requirements of course work.

A 6-monthly progress report has to be submitted by supervisor in consultation with RAC.

Co-supervisory arrangements are possible with experts and scholars outside the School or even outside AUD on the conditions that they have recognised academic credentials, and the Research Studies Committee (RSC) of the School should be convinced that the involvement of this person would significantly enhance the quality of the scholar's research.

COURSE WORK

Candidates admitted in the MPhil and PhD programmes are required to complete 16 credits of course work during a period of two semesters.

A PhD scholar having an MPhil degree may be exempted from course work if the Scholar's RAC makes such a recommendation and the same is accepted by the RSC of the School.

In the first semester, 8 credits of core courses in Algebra and Analysis will be offered. In the

second semester the research scholar will be expected to complete two elective courses from those offered, worth 3 credits each and a Research Methodology course for 2 credits.

Participation in course work presumes a scholar's residence in Delhi region during the officially recognised academic year/ sessions and the scholar's regular attendance of classes and related exercises.

Exceptions to the 'residency requirement' could be for scholars who are prescribed course work or 'pre-thesis' learning activities of a kind which cannot be fulfilled at AUD or which the RSC specifically prescribes to be done in some other place/under special conditions.

Other courses and pre-submission activities could be prescribed to a research scholar by the RSC, according to the scholar's particular research requirements.

FEES: Rs. 1570 per credit for Course Work or Rs. 5950 per semester during Research/ Dissertation + Rs. 500 per semester for Student Welfare Fund + Rs. 5,000 as refundable Security Deposit.

SC/ST and Differently abled research scholars will be fully exempt from paying tuition fee. For others, partial/ full fee waivers are available based on income status.

STIPEND: As may be determined by the AUD-Standing Committee Research (SCR) from time to time.