

**Structure of the M. Phil / Ph.D. Course Work as prescribed by the SPPU and UGC rules and regulations for Faculty of Science and Technology.**



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Reference to New Structure of the M.Phil / Ph.D. Course work as prescribed by the Savitribai Phule Pune University and UGC rules and regulations (For Faculty of Science and Technology), Guidelines for completion of Course Work are finalized as follows:

1. Total Number of Credits for M.Phil / Ph.D shall be 18.
2. Course work shall be treated as per-requisite for M.Phil / Ph.D.
3. The M.Phil / Ph.D course work shall consist of following components:

**Course-I:**

**Research Methodology:** (04 Credits, 60 Hours of Classes): Research scholars need to register Research Methodology online course running by any national agencies (like NPTEL / SWAYAM / SPPU), complete the course and submit the completion certificate to the research centre. Certificate must reflect Name of Research candidate along with affiliation of Research Centre.

**Course-II:**

(1) Writing research proposal for obtaining financial assistance from national funding agencies (01 Credit, 15 Hours of engagement): Each scholar must prepare the proposal for financial assistance to research funding agencies of state/central government (like SERB, RPS-AICTE, ISRO, SPPU-BCUD, UGC, DST etc..) and submit the proposal to Research Centre.

***Some of the Important Links of funding agencies:***

***1. AICTE Scheme: Research Promotion Scheme***

*<https://www.indiascienceandtechnology.gov.in/programme-schemes/research-and-development/aicte-research-promotion-scheme-rps#:~:text=RPS%20is%20aimed%20to%20create,research%20personnel%20in%20the%20country.>*

***2. UGC Scheme***

*<https://frg.ugc.ac.in/>*

***3. DST Scheme***

*<https://dst.gov.in/cognitive-science-research-initiative-csri>*

***4. SERB Scheme***

*<https://www.serbonline.in/SERB/emr?HomePage=New>*

***5. BCUD SPPU***

*[https://bcud.unipune.ac.in/Template\\_Aspire/](https://bcud.unipune.ac.in/Template_Aspire/)*

***6. ISRO Research Grant***

*<https://www.isro.gov.in/ResearchGrants.html>*

*<https://www.isro.gov.in/SubmissionofResearchProposal.html>*



(2) Writing of Reviews (01 Credit, 15 Hours of engagement): Each scholar must prepare the review paper on their research topic and present / publish to the conference.

While preparing review paper or any other journal papers in their journey of research, following point to be adopted:

i. *Only TWO authors must be mentioned. First author should be Research scholar along with Research centre affiliation followed by SPPU, Pune (Eg: Mr. X Y Z, Research Scholar, Computer Engineering / Mechanical Engineering Research Centre, MET's Institute of Engineering, Nashik, Savitribai Phule Pune University, Pune), Second Author should be Supervisor/Guide along with his/her affiliation with mention of research centre.*

ii. *Must include citations of supervisor's / Guide's (affiliated to this research centre) previous papers.*

iii. *Before submitting the papers to any conference/ Journals, need to take the approval of Guide and Research Centre.*

iv. *Submit the certificate and published copy of paper to the Research centre.*

(3) Seminar (02 Credits, 30 Hours of engagement): Each scholar must present three seminars where in Guide + 2 members (Internal / External) should evaluate.

Three Seminars (to be presented before the panel) are classified as:

i. *One seminar must be on domain of research scholar.*

ii. *One seminar should be on content and process of applying research proposal to national funding agencies like AICTE-RPS, DST, SERB, ISRO, SPPU-BCUD, UGC etc..*

iii. *One seminar should be on content of syllabus (Seminar -700002)*

**Course 3:** Subject specific advanced level course

Research candidate need to select TWO / THREE subject specific advanced level course in consultation with his / her supervisor (Credits are: 4,4 / 3,3,1) and need to **submit hand written assignments on Research centre stationary only.**

**Course 4:** Publication Ethics

Research candidate need to complete a 2 credit course on Publication Ethics. Course may be from Online course run by Centre of Publication Ethics, SPPU ([cpe.unipune.ac.in](http://cpe.unipune.ac.in)) or Online course from Swayam / NPTEL or any national agencies.

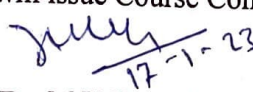
*Some useful links to follow for 2021-22 candidates:*

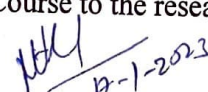
i. [cpe.unipune.ac.in](http://cpe.unipune.ac.in)


ii. [Swayam.gov.in](http://Swayam.gov.in) IGNOU 8 week course starting from 30-01-2023

Course Link: [https://onlinecourses.swayam2.ac.in/nou23\\_ge30/preview](https://onlinecourses.swayam2.ac.in/nou23_ge30/preview)

After successful completion and submission of above course details, research centre will issue Course Completion Course to the research candidate.

  
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