



Scientific Communication Course 2017

Time: 11.30 – 12.30 h

Syllabus and schedule

No	Date	Topic	Instructor	Hrs	Ref
1	17.8.2017	The working of scientific establishment, research funds, how to write a proposal, and periodic reports	Dr. C. V. Yelamaggad	1	3
2	24.8.2017	Ethics in science	Dr. Geetha G. Nair	1	4
3	31.8.2017	How to make effective oral and poster preparation	Prof. K. S. Krishnamurthy	1	6
4	7.9.2017	Scientific databases, search engines in science, public libraries	Dr. P. Viswanath	1	5
5	14.9.2017 21.9.2017	Means of communicating scientific data: Necessity, Society meeting, journals, journal policies, journal sections, impact factors, cover letter to the editor, scientific review	Prof. K. A. Suresh	1+1	
6	28.9.2017 5.10.2017	Manuscript preparation: Abstract, Introduction, Methods, Results, Discussion, Conclusions, Bibliography, Appendices, Artwork, Tables, Weblinks	Dr. S. Krishna Prasad	1+1	1
7	12.10.2017	The peer review process: How to write a scientific review?	Prof. G. U. Kulkarni	1	2

References

- How to write and publish a scientific paper, **Robert A. Day and Barbara Gastel, ABC-CLIO**, 2011.
- Example: <http://www.rin.ac.uk/system/files/attachments/Peer-review-guide-screen.pdf>
- (a) *Alternative Science: Challenging the myths of the Scientific Establishment*, Richard Milton, Park Street Press, Rochester, 1996.
(b) *The Research Funding Toolkit: How to plan and write successful Grant Applications*, Jacqueline Aldridge and Andrew M Derrington, SAGE publication, Inc., California, 2012.
- Research ethics for Scientists: C. Neal Stewart*, Wiley – Blackwell, 2011.
- (a) <http://isiknowledge.com/>
(b) <http://www.cas.org/products/scifind/index.html>
(c) *Information Retrieval – SciFinder (2Nd Edition)*, Ridley, Damon, John Wiley & Sons (10/2009).
- The craft of Scientific Presentations*, Michael Alley, Springer-Verlag, NY, 2003.