



## Scientific Communication Course 2018

Time: 11.30 – 12.30 h

### Syllabus and schedule

No	Date	Topic	Instructor	Hrs	Ref
1	16.8.2018	The working of scientific establishment, research funds, how to write a proposal, and periodic reports	Dr. C. V. Yelamaggad	1	1
2	23.8.2018	How to make effective oral and poster preparation	Dr. Pralay Santra	1	2
3	30.8.2018	Ethics in science	Dr. Geetha G. Nair	1	3
4	6.9.2018	Scientific databases, search engines in science, public libraries	Dr. P. Viswanath	1	4
5	20.9.2018 27.9.2018	Manuscript preparation: Abstract, Introduction, Methods, Results, Discussion, Conclusions, Bibliography, Appendices, Artwork, Tables, Weblinks	Dr. S. Krishna Prasad	1+1	5
6	4.10.2018 11.10.2018	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
7	15.11.2018	The peer review process: How to write a scientific review?	Prof. G. U. Kulkarni	1	7

### References

- (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.
- The craft of Scientific Presentations, Michael Alley, Springer-Verlag, NY, 2003.
- 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).
- <https://www.elsevier.com/connect/six-things-to-do-before-writing-your-manuscript>
- 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>