

**Minutes of the CCCC meeting held on 21<sup>st</sup> December, 2015 in CC conference room:**

**Members Present:** Y. N. Singh, D.L.V.K Prasad, Somnath Bhowmick, Ketan Rajawat , Sanjeev Garg, Deepankar Chakrabarti, Ashu Jain, Navpreet Singh, Brajesh Pande, Gopesh Tiwari, Prajwal Bajpai, Soumitri Mishra and Samyak Jain.

Head, CC welcomed all the members.

1. Announcements:

- A. MS Exchange to be discontinued after **31<sup>st</sup> Dec, 2015**.
- B. Sharing of NIS Password File is allowed till **31<sup>st</sup> Jan, 2016**. LDAP based Authentication migration targeted to be done by **31<sup>st</sup> Jan, 2016**.
- C. Procurement Process for New Storage has to be started again.
  - a. Previous HP IBRIX Storage can't be properly configured as per the IITK requirement, so HP has finally decided for returning the money. HP IBRIX system will remain here for testing purposes.
- D. W-Fi is now secured.
  - a. It's Password protected in VH.
  - b. Every visitor have to provide his mobile no so that he can be verified and OTP can be send for accessing internet
  - c. Valid for 24 hrs. After that he had to again register for security purpose.
  - d. members suggested that we should participate in Eduroam facility of geant network, so that same login and passwords can be used in other universities also.
- E. Regarding Mail –
  - a. Pine - available only on one machine as email client is going to be discontinued.
  - b. Thunderbird or any other Mail Client should be used instead of web interface. Installation Configuration of Thunderbird is available on CC Website.
  - c. Currently only 8 Characters password are accepted in Mail/web and other systems. Planning to Increase the length of password to 16 characters in near-by future for better security with forced combinations of small, capital, symbol and number. It will be pursued after LDAP migration.
  - d. Webmail with roundcube will be provision at some point of time in future.
  - e. Planning to Increase Mail quota for every user in near-by future after upgrading the storage.
  - f. Soon, the indexing on mailservr will be done on non-quota area so that users can login even after their quota is full, and delete or move the emails to local folders to create space.
- F. Status report on software:

Below is the list of software currently available in CC:

1. SAS
2. iThenticate
3. ANSYS Academic Research Mechanical and CFD
4. Simulia Abaqus CAE
5. Kaspersky AntiVirus
6. Aspen One
7. Ansys CFD Academic Teaching (50 task)
8. Comsol
9. SPSS
10. Origin
11. Adobe Acrobat Professional
12. DreamSpark Premium
13. NAG Libraries
14. PBS Software
15. Parallel Matlab
16. Matlab
17. Abaqus CFD/MCAD/
18. Mathematica
19. Maple
20. tecplot 360
21. hypermesh
22. MSC Nastran/Pastran 20 license each
23. Cplex
24. PGI compiler
25. Material studio
26. Turbomole
27. PGI Cluster Development Kit (C/C++/Fortran)
28. Medea VASP
29. Gaussian ver 9
30. MS Castep
31. Gambit
32. MS Office for lab computers
33. Endnote 3 year agreement
34. Factsage 6 year lease
35. Bentley software suite

- CCCC Members have to discuss current software list in departments and submit the departmental recommendation in the format – Software, Estimated Cost, Estimated Users (interact with persons from other departments also to consolidate this number).
- Kindly collect inputs from your colleagues in the department about the software which have to be continued.
- Of the above, we shall discontinue all those software for which clearly either open source equivalents exist or they are not of much use, due to emphasis on open source systems by GoI. For example - Adobe acrobat professional, MS office etc.. Dreamspark premium may be retained only for the requirements of CC Windows labs. If in future,

CC windows labs are also converted to Linux labs, we shall discontinue the Dreamspark premium.

- Any closed source software procurement requires clear cut recommendation stating why the equivalent open source does not suffice.
- NOTE:
  - ❖ **“DreamSpark Premium”** from Microsoft – have to be purchased on departmental level by the respective department if interested. Microsoft allows its access to STEM (science, technology, engineering and mathematics) departments only for research and teaching purpose. CC will maintain the DreamSpark Premium for CC Windows Lab only.
  - ❖ **“ANSYS Academic Research Mechanical and CFD”** and **“Turbomole”** is due for AMC in HPC.
  - ❖ **“NAG Libraries”** – maintained through AMC in HPC.
  - ❖ **“Tecplot 360”** - older version running in HPC. If users demand come, then it can be considered for upgradation.
  - ❖ **“PGI Cluster Development Kit (C/C++/Fortran)”** has a perpetual license.
  - ❖ **“Medea VASP”** and **“Gaussian ver 9”** are not renewed in HPC.
  - ❖ **“MS Castep”** module – have to be decided that whether AMC needed or not.
  - ❖ **“MS Office for Lab Computers”** has to be discontinued and in its place **LibreOffice** will be used which is freely available.
  - ❖ After **“Endnote”** 3 year Agreement – **“Mendeley”** can be opted as this is freely available.
  - ❖ **“Wolfram MATLAB”** has to be searched for an option – as used by several users in IITK.
  - ❖ Hypermesh, Hyperworks software license has expired on Nov 2015.

2. Plan for 2016-17 - for budget preparation

It will be firmed up in next CCCC meeting planned to be held in 3rd or 4th week of January 2016.

- a. For Software:
  - For any new software- one wants to purchase, should be informed along with the cost (after all academic discounts etc.) and number of potential users. Try to find the ones which can be deployed on cluster.
  - Please try to prefer open source software (can be paid or free) preferably for cluster.
- b. For Hardware:

Hardware up-gradations requirements in CC can also be submitted.
- c. Prioritization of software up-gradation, AMC and procurement for the next financial year.

3. **Dr. Ashu Jain (CE)** - to be CCCC representative to DFAC of CC. Head CC should send the request for constitution of DFAC of CC accordingly.
4. **Dr. Somnath Bhowmick (MSE)** and **Dr. D.L.V.K Prasad (Chemistry)** - to be CCCC representatives to HPC advisory group.
5. **Dr. Dipankar Chakrabarti (Physics)** - to be CCCC representative in the committee to investigate the loss of an old laptop in CC..
6. Automatic Trash Deletion feature was discussed. It was decided that the emails in trash for more than 30 days be purged automatically so that quota exhaustion problem due to non purging of trash can be taken care of.

(Dr. Y. N. Singh)  
Head CC