Preparatory Thoughts

17CS52 - CN

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Sem V (2019-H2)
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About Myself...

– Industry R & D work
  - KSIT: 1+ years
    – Consultancy: PayTM
  - Revenue anomaly detection using ML(Cavisson)
  - Cloud Sync across devices (Smartron)
  - Missed Call Alert Appln (Kirusa Inc)
  - Managing public Wifi hotspots (Pronto)
  - Single System Image in a cluster (Abeona)
  - Inter Carrier Billing (Savera Systems Inc)
  - Consultancy/Training in Network design (OSS)
  - TCP/IP networking (ERNet, IITDelhi)
  - CDoT, HCL

Knowledge and Wisdom

- The course is about learning & experiencing
  - not about knowing networks
- Wisdom is knowing
  - What, why, how, and when to do it.
- Knowledge can be acquired by learning
- Wisdom is acquired only out of experience
- Objective
  - I want to set the ball rolling in your mind.
  - Down the line you should start thinking
  - Use your own independent experience to learn

Learning

- Work hard to know your limits
  - Regularity pays well
  - It takes time for new things to sink in
- Marks are not the end
  - These are just the beginning
  - Doesn't really matter after a while
- Self gain
  - Acquire surrounding, relevant knowledge
  - Expertise in required tools
    - Know to exploit these

SWOT (/SWOC) Analysis

- What is SWOT (/SWOC)
  - Strength
  - Weakness
  - Opportunity
  - Threats (Challenges)
- Explain with a fun joke

SWOT Analysis

- My SWOT w.r.t. Class
  - S: Know the subject reasonably well
    - Working in this area for last 30 years
  - W: High Expectations
    - From yourself and myself
  - O: interaction with smart people like you
    - Expect to increase my learning a lot more
  - T: Being asked tough questions
    - For which I can't find answers even after a while
    - Hope, will be asked intelligent questions
    - Large class size

Learning...

- Clarify your doubt
- Don't **ASSUME**
- If you do assume, following happens

ASS

U

ME

- **Stop not, allowed to go,** or
  Stop, not allowed to go

Learning

- If he knows not and he knows not that he knows not,
  - He is a fool, shun him
- If he knows not but he knows that he knows not
  - He is a child, teach him
- If he knows but he knows not that he knows,
  - He is asleep, awake him
- If he knows and he knows that he knows,
  - He is wise, follow him

Summary

- Define your expectations
- Make the learning fun with challenges
- Experience is the best tutor
  - Can only be acquired, can't be given
- Understand team working
- Exploit yourself to know your limits
  - Extend these
- Do your SWOT analysis