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| **RUBRIC for B.E (CSE) 6th Semester Self Study Presentation Phase-I 2017-18** | | | | | | |
| **Sl. No.** | **Self-Study**  **(Meets Criteria)** | **Marks** | **Excellent** | **Good** | **Average** | **Poor** |
| 1. | **Identification of Problem** | **10** | Title includes real project from IoT, Cyber Physical systems, Computational Intelligent Systems and maps to subjects. | Title includes adequate research and novel ideas selecting from journals | Title includes no research but adequate novel ideas are present | Title does not include research or no novel ideas, general title is selected |
| **(9-10)** | **(6-8)** | **(4-5)** | **(1-3)** |
| 2. | **Application of Engineering Principles** | **10** | Students encounter the social, political, economic, and technological challenges of engineering practice by participating in real engineering projects with faculty and industry | Students encounter the social and technological challenges of engineering practice by participating in value based engineering projects with faculty and industry | Students encounter the technological challenges of engineering practice by participating in value based engineering projects themselves. | Unable to address any of the social, political, economic or technological challenges. |
| **(9-10)** | **(6-8)** | **(4-5)** | **(1-3)** |
| 3. | **Study of existing system and designing the problem** | **20** | Student is highly specific, has understood the drawbacks of the existing system and produces real practical designs. | Student is moderately specific and understood the drawbacks of the existing system, produces practical designs. | Student is producing generic design which is already existing and has not studied the existing systems properly | Student is producing vague design which is not clear. No study of the existing system |
| **(15-20)** | **(10-15)** | **(6-10)** | **(1-5)** |
| 4. | **Design Process/ Methodology** | **20** | The system architecture is well defined with different diagrams and the methodology is clear. | The system architecture is moderately defined with the methodology | The system architecture is poorly defined. Methodology is not very clear, needs modification. | No system architecture.  No methodology specified |
| **(15-20)** | **(10-15)** | **(6-10)** | **(1-5)** |
| 5 | **Correlation with Self-study Subjects** | **15** | Strong mapping to all identified subjects: CN2,SSCD and SE | Strong mapping to any of CN2,SSCD and SE | Moderate mapping to CN2,SSCD and SE | Poor mapping to CN2,SSCD and SE |
| **(12-15)** | **(8-11)** | **(6-10)** | **(1-5)** |
| 6 | **Design Documentation, Presentation (report)** | **10** | Clear, effective, and well organized presentation followed by individual report. | Generally effective presentation with some difficulty in explaining key points and neat report. | Poor presentation and moderate report. | Poor presentation, difficult to follow and understand and randomly organized report. |
| **(9-10)** | **(6-8)** | **(4-5)** | **(1-3)** |
| 7 | **Selection of tools, skills and techniques in solving problem** | **10** | Real implementation oriented and practically feasible. | Possible to implement in future but not yet practically oriented. | Only ideas but no practical aspect. | Neither idea nor implementation oriented. |
| **(9-10)** | **(6-8)** | **(4-5)** | **(1-3)** |
| 8 | **Teamwork Dynamics** | **5** | Both are actively involved and motivated | Both are participating but still needs co-ordination | Only one is participating and other is passive | Both are passively presenting without motivation |
| **5** | **3-4** | **2** | **1** |