

Department of Computer Science and Applications

Innovative Teaching Learning Practices

Department of Computer Science and Applications uses Innovative teaching and learning methods to engage students more actively, accommodate diverse learning styles, and improve educational outcomes. Here are some methods used by the school for assessing the course learning outcomes.

Activity Based Continuous Assessment (ABCA)	<p>The integration of regular, hands-on activities into the curriculum to continuously assess and enhance student learning.</p> <ol style="list-style-type: none">1. Group Presentations (Seminar): https://drive.google.com/file/d/1cmX_xrpWFLItxqSWJCSomN1_BDpHYjgD/vi ew?usp=drive_link2. Quizzes : https://drive.google.com/file/d/1ljjOlGErar9nkoROT2kB8oF6_8p4ZYBf/view? usp=drive_link3. Assignments : https://drive.google.com/file/d/14eiJ7kBSg8eHnEm42PJy zp_UF8Bi1egT/view ?usp=drive_link4. Research article writing: https://docs.google.com/document/d/1NhVHY6MRZEDxhROKlksmOGA5b7P euNYz/edit?usp=drive_link&oid=102716415771740473672&rtpof=true&sd= true5. Report writing: https://drive.google.com/file/d/15MzDeR58- EL5cOpZyaayPgs2MN4jY2d2/view?usp=drive_link
Project Based Learning	<p>Students learn by actively engaging in real-world and personally meaningful projects.</p> <ol style="list-style-type: none">1. https://drive.google.com/file/d/1byi8NLvFDWJchjPosl0CKT2bcXXlXtR- /view?usp=drive_link2. https://drive.google.com/file/d/1skWVkJFmVbAT7zJRhtE- GiXKqWPDHHTM/view?usp=drive_link3. https://drive.google.com/file/d/1cud77iypfUzEKp8sViQrrmKSyaf5_L3k/view? usp=drive_link4. https://drive.google.com/file/d/19nXagwzr3r3xYRBcmkluCjbfqONjZ_Fc/view ?usp=drive_link
Simulations	<ol style="list-style-type: none">1. https://drive.google.com/file/d/1ZWWmqEy89TKaUFwMDA2U4dE3fRhR_4HT /view?usp=sharing
Industry internships	<p>Internships bridge theory and practice, equipping students with career-ready skills and fostering responsibility.</p> <ol style="list-style-type: none">1. https://drive.google.com/file/d/1JbVQmntFHUE_DITuwwYikiUpeeGQ3z86/vie w?usp=drive_link2. https://drive.google.com/file/d/1FCrtguiZgpF2O9KyjUQjPBp_X_UCIW6u/view ?usp=drive_link

	<ol style="list-style-type: none"> 3. https://drive.google.com/file/d/1P4910BHSzjQjMsBkoSHRRC2tDxUTX_mD/vi/ew?usp=drive_link
Industry visits	<ol style="list-style-type: none"> 1. https://drive.google.com/file/d/15lQnMb845sBphhFR1xEjiuW21-X_d24y/view?usp=drive_link 2. https://drive.google.com/file/d/1z1tM68Tq7aCL3zON1xMqL8Pl6Zaiqm-W/view?usp=drive_link
Virtual Labs	<ol style="list-style-type: none"> 1. https://drive.google.com/file/d/14Zz5s3XnKxSmd7yRrRKYk3rQoYEEoQjh/view?usp=drive_link
Experiential Learning Programmes (ELPs)	<p>Learning through reflection on doing, often involves hands-on activities</p> <p>Workshops:</p> <ol style="list-style-type: none"> 1. https://drive.google.com/file/d/15DY0YnMU0SfAFGLsPYBOiQvWQWwDSKC6/view?usp=drive_link <p>Conferences</p> <ol style="list-style-type: none"> 1. https://docs.google.com/document/d/1NhVHY6MRZEDxhROKIkSmOGA5b7PeuNYz/edit?usp=sharing&oid=102716415771740473672&rtpof=true&sd=true 2. https://docs.google.com/document/d/1fRofi43p7A5mLrjWYlyrjdAzN8et2ID/edit?usp=drive_link 3. https://drive.google.com/file/d/1rhinfoCGZD7pdcMukd3NicQ_gfNBT0WJe/view?usp=sharing <p>Hackathons & Coding Competitions:</p> <ol style="list-style-type: none"> 1. https://drive.google.com/file/d/1msuhL56Xbq042MsfbXw9uParZCrQVvpt/view?usp=drive_link 2. https://drive.google.com/file/d/1yfmq4sYMafmGw2gmop-ICcxd_wML-SIC/view?usp=drive_link
Indian Knowledge System	<p>The Indian Knowledge System (IKS) aims to leverage India's ancient knowledge to tackle modern challenges, focusing on research to address societal issues, promoting holistic health and sustainable development studies, emphasizing practical learning, and decolonizing education to diminish excessive Western influences.</p> <p>List a few signature events and courses:</p> <ol style="list-style-type: none"> 1. Gandhian Philosophy 2. Ram Manohar Lohiya Series 3. Dance Festival 4. Nritya Mahotsava 5. Youth Day Lecture Series

Building AI Competence	<p>AI education aims to equip individuals with the knowledge and skills to understand, develop, and apply artificial intelligence technologies to solve real-world problems.</p> <p>List AI courses</p> <ol style="list-style-type: none"> 1. Programming with Python 2. Artificial Intelligence 3. Machine Learning 4. Natural Language Processing 5. Neural Network and deep learning
Training by Corporates	<ol style="list-style-type: none"> 1. https://drive.google.com/file/d/1P4910BHSzjQjMsBkoSHRRC2tDxUTX_mD/view?usp=drive_link 2. https://drive.google.com/file/d/1rs9jtCfv8ls4JqhHeLA9ijtSX2M0AaF-/view?usp=drive_link 3. https://drive.google.com/file/d/1ESNwH8R50fcuSIJW8Xp8rReiRPGSk7IU/view?usp=drive_link
Case studies	<ol style="list-style-type: none"> 1. https://drive.google.com/file/d/1UkSZYmvBk5mgQsLRxv6gjZpUvprvK9RF/view?usp=drive_link
Any other	<p>MOOCS/NPTEL Courses</p> <p>VAC (Value Added Courses)</p>

The links stated above may be linked later as and when the pages are ready but contents should be listed as advised.