* Cs department Courses -

"B.Sc. (Computer Science)"-B.Sc. (CS)

"B.C.A. (Science)"-B.C.A. (Science)

"M.Sc. (Computer Science)"-M.Sc. (CS)

"M.Sc. (Computer Application)"-M.Sc. (CA)

* No. of courseYears -

"B.Sc. (Computer Science)": 3

"B.C.A. (Science)": 3

"M.Sc. (Computer Science)": 2

"M.Sc. (Computer Application)": 2

* Years semester –

Year 1 – sem 1 & sem 2

Year 2 – sem 3 & sem 4

Year 3 – sem 5 & sem 6

* Syllabus(Subjects) – per course per year per sem

  if (course === "B.Sc. (Computer Science)") {

    if (year === 1 && semester === 1) subjects = ["C Programming", "HTML & CSS", "Lab on C & HTML"];

    if (year === 1 && semester === 2) subjects = ["Advanced C Programming", "Relational Database Systems", "Lab on Advanced C & RDBMS"];

    if (year === 2 && semester === 3) subjects = ["Data Structures", "Advanced RDBMS", "Mini Project on Database"];

    if (year === 2 && semester === 4) subjects = ["Advanced Data Structures", "OOP in C++", "Lab on Data Structures & OOP"];

    if (year === 3 && semester === 5) subjects = ["System Programming", "Networking", "Web Programming (PHP, JavaScript)", "Core Java"];

    if (year === 3 && semester === 6) subjects = ["Operating System Concepts", "Advanced Networking", "Advanced Java", "Web Programming (MEAN Stack)"];

  }

  if (course === "B.C.A. (Science)") {

    if (year === 1 && semester === 1) subjects = ["Digital Electronics", "C Programming", "Mathematics"];

    if (year === 1 && semester === 2) subjects = ["Data Structures", "Computer Networks", "Discrete Mathematics"];

    if (year === 2 && semester === 3) subjects = ["Operating Systems", "Database Management Systems", "Java Programming"];

    if (year === 2 && semester === 4) subjects = ["Software Engineering", "Web Technologies", "Computer Graphics"];

    if (year === 3 && semester === 5) subjects = ["Advanced Java", "Python Programming", "Cloud Computing"];

    if (year === 3 && semester === 6) subjects = ["Artificial Intelligence", "Machine Learning", "Cyber Security"];

  }

  if (course === "M.Sc. (Computer Science)") {

    if (year === 1 && semester === 1) subjects = ["Python", "DAA", "MongoDB"];

    if (year === 1 && semester === 2) subjects = ["Advanced OS", "Android Development", "Data Mining"];

    if (year === 2 && semester === 3) subjects = ["Cloud Computing", "UX/UI", "Machine Learning"];

    if (year === 2 && semester === 4) subjects = ["Research Project & Industrial Training"];

  }

  if (course === "M.Sc. (Computer Application)") {

    if (year === 1 && semester === 1) subjects = ["Advanced Java", "Software Project Management", "Mobile App Development"];

    if (year === 1 && semester === 2) subjects = ["Machine Learning", "IoT", "Big Data Analytics"];

    if (year === 2 && semester === 3) subjects = ["Cloud Computing", "Cyber Security", "Blockchain"];

    if (year === 2 && semester === 4) subjects = ["Research Project & Industrial Training"];

  }