



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

(An Institution of National Importance under NITs Act, Established by Govt. of India)

मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

JLN Marg, Jaipur-302017 (India)

Code: CST210	Systems Programming	Credit: 03
		L-T-P: (3-0-0)
Course Content	<p>Overview Of Systems Software, Language Processors.</p> <p>Concept Of Machine And Assembly Language, Representation Of Instruction And Data, Macro Processor, Macros And Macro Programming, Assemblers.</p> <p>Linker, Loader, Dynamic Link Library, relocation, Editors And Debuggers.</p> <p>Unix/ Linux Shell programming, Device Drivers, Kernel and Low Level Programming.</p>	
Important Text Books/References	<ol style="list-style-type: none">1. D. M. Dhamdhare ; Introduction to Systems Software ,TMH2. Beck L.L. : System Software-An Introduction to Systems Programming, Addition Wesley3. Rebecca Thomas : Adv. Programmer guide to Unix system V.MH4. Glingaert : Assemblers, Loaders and Compilers, Prentice Hall5. John R. Levine : Linkers and Loaders, Harcourt India6. Kanetkar : Unix Shell Programming.	