

# Government College of Engineering, Yavatmal

## Department of Electrical Engineering

### Required List of Books for Sesion 2022-23

| Sr.No. | Name of Book  | Author                       | Publisher                       | No. of Copies |
|--------|---|------------------------------|---------------------------------|---------------|
| 1      | “Power System Stability and Control”                          | P. Kundur                    | McGraw-Hill, 1993               | 10            |
| 2      | ‘Computerised Power system Analysis                           | Kaushik,                     | McGraw Hill                     | 10            |
| 3      | ‘Power system control dynamics                                | Foud Anderson                | McGraw Hill                     | 5             |
| 4      | ‘Power System Analysis’                                       | Gross C. A.                  | McGraw Hill                     | 5             |
| 5      | ‘Computerised Power system Analysis                           | Arrilaga J.                  | McGraw Hill                     | 5             |
| 6      | ‘Power system dynamics  | Padiyar K. R                 | New Age International           | 10            |
| 7      | Modern Power System Analysis                                  | DP Kothari, IJ Nagrath       | Tata-McGraw Hil                 | 20            |
| 8      | High Voltage Engineering                                      | Kamaraju V. & Naidu M. S.    | Tata-McGraw Hil                 | 10            |
| 9      | “High Voltage Engineering                                     | C. L. Wadhwa                 | New Age International Pvt. Ltd  | 10            |
| 10     | “Fundamentals of Electrical Drives”,                          | Dubey G. K.                  | Narosa Publishing house         | 20            |
| 11     | “Electric Drives  | De N. K., Sen P. K.          | Prentice Hall of India          | 10            |
| 12     | “Electrical Drives and Control                                | VedamSubramanyam             | TMH publications                | 10            |
| 13     | “HVDC Power Transmission Systems                              | Padiyar K. R.,               | New Age International           | 10            |
| 14     | HVDC Transmission   | Kimbark                      | John Willey AndSons.            | 5             |
| 15     | Understanding FACTS”,   | Hingorani N. G               | IEEE Press2001                  | 10            |
| 16     | Flexible AC transmission systems(FACTS)                       | Yong Hua Song                | IEEE Press2002                  | 5             |
| 17     | Utilization of Electric Power & Electric Traction             | .J B Gupta                   | Katson book                     | 10            |
| 18     | Utilization of Electric Power & Electric Traction             | GC garge                     | 3. Khanna publications          | 5             |
| 19     | Electric Traction for Railway Trains                          | Edward P. Burch.             | McGraw Hill Book Co. Inc        | 5             |
| 20     | Modern Electric Traction                                      | Er.Trilok sing               | Katson book                     | 5             |
| 21     | Modern Electric Traction,                                     | H.Partab:                    | Dhanpat Rai & sons.             | 5             |
| 22     | Electric Traction   | Upadhayay J. & Mahindra S.N. | Allied Publishers Ltd           | 5             |
| 23     | Principle of 25 KV Overhead Equipments                        | Rao P.S.                     | Printpack Pvt Ltd,              | 5             |
| 24     | Generation, Distribution and Utilization of Electrical Energy | C.L.Wadhwa                   | New Age International Publisher | 5             |
| 25     | Microprocessor And Microcontroller System                     | A.P Godse, D.A. Godse        | Technical Publication Pune      | 10            |

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| 26 | Microprocessor Architecture Programming and Applications with the 8085/8080A | Gonkar R.S.                                 | Penram International Publishing House               | 10 |
| 27 | Electric Machines  | D.P. Kothari, I.J. Nagrath                  | McGraw Hill Education                               | 10 |
| 28 | Electric Machines  | Ashfaq Hussain                              | Dhanpat Rai & Co.                                   | 10 |
| 29 | The performance and design of alternating current machines                   | M. G. Say                                   | CBS Publisher                                       | 5  |
| 30 | The performance and design of Direct Current Machines                        | A E Clayton & N N Hancock                   | CBS Publisher                                       | 5  |
| 31 | Electric Machines  | P. S. Bhimbra                               | Khanna Publishing House                             | 5  |
| 32 | Signals and Systems  | Allan V.Oppenheim, S.Wilsky and S.H.Nawab   | Pearson Education, 200                              | 5  |
| 33 | “Fundamentals of Signals and Systems”  | Edward W Kamen & Bonnie’s Heck,             | Pearson Education, 201                              | 10 |
| 34 | “Signals and Systems”  | H P Hsu, Rakesh Ranjan                      | Schaum’s Outlines, Tata McGraw Hill, Indian Reprint | 10 |
| 35 | “Digital Signal Processing”  | S.Salivahanan, A. Vallavaraj, C. Gnanapriya | McGraw Hill International/TMH, 2007                 | 10 |
| 36 | “Signals and Systems”  | Simon Haykins and Barry Van Veen            | John Wiley & sons                                   | 10 |
| 37 | “Signals & Linear Systems,   | Robert A. Gabel and Richard A.Roberts       | John Wiley  | 10 |
| 38 | “Signals & Systems,  | A. Anand Kumar                              | PHI Learning pvt.ltd (Third Edition)                | 10 |
| 39 | “Network Analysis”   | Mac.E Van Valkenburg                        | Prentice hall                                       | 10 |
| 40 | “Network Analysis & Synthesis”   | Franklin Fa-Kun. Kuo,                       | Franklin Fa-Kun. Kuo,                               | 5  |
| 41 | “A Course in Electrical Circuits and Analysis”                               | M. L. Soni, J. C. Gupta                     | Dhanpat Rao and Sons                                | 5  |
| 42 | “Network Synthesis”  | Mac.E Van Valkenburg                        | Prentice hall                                       | 10 |
| 43 | “Theory and Problems of Electric Circuits”                                   | Joseph A. Edminister, Mahmood Maqvi,        | Schaum's Outline Series                             | 10 |
| 44 | Network Analysis and Synthesis   | Ravish R Singh                              | McGraw Hill Education (India) Private Limited       | 10 |
| 45 | “A Course in Electrical Circuits and Analysis with solved Examples           | M. L. Soni, J. C. Gupta                     | Dhanpat Rao and Sons                                | 10 |

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| 46 | Power Electronics            | M. Rashid      | PHI Publication      | 10 |
| 47 | Power Electronics            | Ned Mohan      | JW &sons             | 10 |
| 48 | Power System Analysis        | Ashfaq Hussain | Tata Mcgraw Hill     | 10 |
| 49 | Power System Analysis        | Stevenson W.D. | Tata Mcgraw Hill     | 10 |
| 50 | A course in Electrical Power | J.B.Gupta      | S,K,Kararia and sons | 10 |