

Expression of Interest from Eminent Faculty Members for Writing Second Year Under Graduate Books in English Languages – AICTE Technical Book Writing Scheme

It is our pleasure to share with all of you that AICTE has initiated the Technical Book Writing Scheme in the year 2021 with the objective to involve eminent subject specialists (authors) for writing books in English languages and subsequently its translation in different regional languages. AICTE has already completed the writing of the first year books for Degree and Diploma level.

Now AICTE is starting the process for identification and selection of the authors for writing second year DEGREE LEVEL books in ENGLISH language for different courses as follows:

S. No.	Book Title	To be written by
1	Biology for Engineers	Biology Expert
2	Basics of Mechanics	Civil Engineering (CE) / Mechanical Engineering (ME) Expert
3	Engineering Mechanics	Civil Engineering (CE) / Mechanical Engineering (ME) Expert
4	Strength of Materials	Civil Engineering (CE) / Mechanical Engineering (ME) Expert
5	Civil Engineering- Societal & Global Impact	Civil Engineering (CE) Expert
6	Computer-aided Civil Engineering Drawing	Civil Engineering (CE) Expert
7	Engineering Geology	Civil Engineering (CE) Expert
8	Fluid Mechanics	Civil Engineering (CE) Expert
9	Instrumentation for Civil Engineering Applications	Civil Engineering (CE) Expert
10	Introduction to Civil Engineering	Civil Engineering (CE) Expert
11	Introduction to Mechanical Engineering	Civil Engineering (CE) Expert
12	Surveying & Geomatics	Civil Engineering (CE) Expert
13	Testing & Evaluation of Civil Engineering Materials	Civil Engineering (CE) Expert
14	Disaster Management	Civil Engineering (CE)/ Environmental Experts
15	Computer Organization & Architecture	Computer Science and Engineering (CSE) Expert
16	Data Structures and Algorithms	Computer Science and Engineering (CSE) Expert
17	Design & Analysis of Algorithms	Computer Science and Engineering (CSE) Expert
18	IT Workshop	Computer Science and Engineering (CSE) Expert
19	Operating Systems	Computer Science and Engineering (CSE) Expert
20	Advanced Electrical Machines: Theory and Practicals	Electrical Engineering (EE) Expert
21	Analog Electronic Circuits: Theory & Practicals	Electrical Engineering (EE) Expert

22	Basics of Electrical Machines: Theory and Practicals	Electrical Engineering (EE) Expert
23	Electric Circuits & Networks	Electrical Engineering (EE) Expert
24	Electromagnetic Fields	Electrical Engineering (EE) Expert
25	Instrumentation and Control	Electrical Engineering (EE) Expert
26	Power Electronics: Theory and Practicals	Electrical Engineering (EE) Expert
27	Analog Electronic Devices: Theory and Practicals	Electronics & Communication Engineering (ECE) Expert
28	Basics of Electronics	Electronics & Communication Engineering (ECE) Expert
29	Digital Electronics and System Design	Electronics & Communication Engineering (ECE) Expert
30	Electronic Communication	Electronics & Communication Engineering (ECE) Expert
31	Microprocessor and Microcontroller	Electronics & Communication Engineering (ECE) Expert
32	Signals and Systems	Electronics & Communication Engineering (ECE) Expert
33	Energy Science & Engineering	Energy Expert
34	Environmental Sciences	Environmental Expert
35	Effective Technical Communication	Humanities Expert
36	Organizational Behaviour	Management Expert
37	Discrete Mathematics	Mathematics Expert
38	Mathematics III (Differential Calculus Transform & Discrete Mathematics PDE, Probability & Statistics)	Mathematics Expert
39	Applied Thermodynamics	Mechanical Engineering (ME) Expert
40	Basic Thermodynamics	Mechanical Engineering (ME) Expert
41	Fluid Mechanics & Fluid Machines	Mechanical Engineering (ME) Expert
42	Materials Engineering	Mechanical Engineering (ME) Expert

The eminent faculty members with sufficient experience in writing textbooks are requested to kindly submit expression of interest in the below mentioned google form on or before 17th March 2022 (Thursday).

<https://forms.gle/hUSzmvfMPUH7DSZA8>

सादर धन्यवाद / With Kind Regards

डॉ अमित कुमार श्रीवास्तव / Dr Amit Kumar Srivastava

निदेशक / Director

संकाय विकास प्रकोष्ठ / Faculty Development Cell (FDC)

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