

Author(s)	Title of book	Year published	Publisher	Notes
J.C. Scully	Fundamentals of corrosion	1966	Pergamon Press	John Scully was an UG and PG in the Dept.
K.M. Bowkett and D.A. Smith	Field-ion microscopy	1970	North Holland	Both authors were UGs and PGs in the Dept.
A. Kelly and G.W. Groves	Crystallography and crystal defects	1970	Longman	Geoff Groves was an UG and PG in the Dept. (Ph.D. student of Dr Tony Kelly)
A.M. Campbell and J.E. Evetts	Critical currents in superconductors	1972	Taylor and Francis	Archie Campbell was a PG in the Dept.
J.C. Scully	Fundamentals of corrosion (2nd ed.)	1975	Pergamon Press	John Scully was an UG and PG in the Dept.
Ayal de S. Jayatilaka	Fracture of engineering brittle materials	1979	Applied Science Publishers	Ayal de S. Jayatilaka was a PG in the Dept.
M.F. Ashby and D.R.H. Jones	Engineering materials 1	1980	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
D.A. Porter and K.E. Easterling	Phase transformations in metals and alloys	1981	Van Nostrand Reinhold	David Porter was an UG and PG in the Dept.
R.J. Young	Introduction to polymers	1981	Chapman and Hall	Robert Young was an UG and PG in the Dept.
M.F. Ashby and H.J. Frost	Deformation-mechanism maps: the plasticity and creep of metals and ceramics	1982	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
M.F. Ashby and D.R.H. Jones	Engineering materials 2	1986	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
A. Kelly and N.H. Macmillan	Strong solids (3rd ed.)	1986	Clarendon Press	NHM was a PG student of Dr Tony Kelly
Lorna J. Gibson and Mike F. Ashby	Cellular solids: structure and properties	1988	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
J.C. Scully	Fundamentals of corrosion (3rd ed.)	1990	Pergamon Press	John Scully was an UG and PG in the Dept.
Robert J. Young and Peter A. Lovell	Introduction to polymers (2nd ed.)	1991	Taylor and Francis	Robert Young was an UG and PG in the Dept.
M.F. Ashby	Materials selection and process in mechanical design	1992	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
D.A. Porter and K.E. Easterling	Phase transformations in metals and alloys	1992	Chapman and Hall	David Porter was an UG and PG in the Dept.
D.R.H. Jones	Engineering materials 3	1993	Butterworth-Heinemann	David (Dai) Jones was an UG and PG in the Dept.
M.F. Ashby and D.R.H. Jones	Engineering materials 1 (2nd ed.)	1996	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
D.B. Williams and C.B. Carter	Transmission electron microscopy: a textbook for materials science	1996	Plenum Press	David Williams was an UG and PG in the Dept.
Lorna J. Gibson and Mike F. Ashby	Cellular solids: structure and properties (2nd ed.)	1997	Cambridge University Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
J.A. Charles, F.A.A. Crane and J.A.G. Furness	Selection and use of engineering materials (3rd ed.)	1997	Butterworth-Heinemann	Justin Furness was an UG and PG in the Dept. (Ph.D. student of Prof. Bill Clyne)
C. Hammond	The basics of crystallography and diffraction	1997	Oxford University Press	Chris Hammond was an UG in the Dept.
M.F. Ashby and D.R.H. Jones	Engineering materials 2 (2nd ed.)	1998	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
M.F. Ashby	Materials selection and process in mechanical design (2nd ed.)	1999	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
A. Kelly, G.W. Groves and Patricia Kidd	Crystallography and crystal defects (Revised edition)	2000	Wiley	Geoff Groves was an UG and PG in the Dept. (Ph.D. student of Dr Tony Kelly)
C. Hammond	The basics of crystallography and diffraction (2nd ed.)	2001	Oxford University Press	Chris Hammond was an UG in the Dept.
Mike Ashby and Kara Johnson	Materials and design: the art and science of materials selection in product design	2002	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
W.O. Soboyejo	Mechanical properties of engineered materials	2003	Marcel Dekker	Winston (Wolé) Soboyejo was a PG in the Dept. (Ph.D. student of Dr John Knott)
Seeram Ramakrishna, Zheng-Ming Huang, Ganesh V. Kumar, Andrew W. Batchelor and Joerg Mayer	An introduction to biocomposites	2004	Imperial College Press	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Prof. Derek Hull)
Sharada Srinivasan and Srinivasa Ranganathan	India's legendary Wootz steel : an advanced material of the ancient world	2004	Tata Steel	Srinivasa Ranganathan was a PG in the Dept.
M.F. Ashby	Materials selection and process in mechanical design (3rd ed.)	2005	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
M.F. Ashby and D.R.H. Jones	Engineering materials 1 (3rd ed.)	2005	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
Seeram Ramakrishna, Kazutoshi Fujihara, Wee-Eong Teo, Teik-Cheng Lim and Zuwei Ma	An introduction to electrospinning and nanofibers	2005	World Scientific Publishing	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Prof. Derek Hull)
M.F. Ashby and D.R.H. Jones	Engineering materials 2 (3rd ed.)	2006	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
Athene Donald, Alan Windle and Simon Hanna	Liquid crystalline polymers (2nd ed.)	2006	Cambridge University Press	Simon Hanna was a PG in the Dept. (Ph.D. student of Prof. Alan Windle)
Eric A. Lord, Alan Mackay and S. Ranganathan	New geometries for new materials	2006	Cambridge University Press	Srinivasa Ranganathan was a PG in the Dept.
Michael F. Ashby, Hugh Shercliff and David Cebon	Materials: engineering, science, processing, and design	2007	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
Daniel Gaude-Fugarolas	Modelling Induction Hardening	2008	VDM	Daniel was a PG in the Dept. (Ph.D. student of Sir Harry Bhadeshia)
Michael F. Ashby	Materials and the environment: eco-informed materials choice	2009	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
Michael F. Ashby, Hugh Shercliff and David Cebon	Materials: engineering, science, processing, and design (2nd ed.)	2009	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
C. Hammond	The basics of crystallography and diffraction (3rd ed.)	2009	Oxford University Press	Chris Hammond was an UG in the Dept.
D.B. Williams and C.B. Carter	Transmission electron microscopy: a textbook for materials science (2nd ed.)	2009	Springer	David Williams was an UG and PG in the Dept.
M.F. Ashby	Materials selection and process in mechanical design (4th ed.)	2010	Pergamon Press	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
D.A. Porter, K.E. Easterling and M. Sherif	Phase transformations in metals and alloys (3rd ed.)	2010	CRC Press	DAP was an UG and PG in the Dept.; MS was a PG.
Seeram Ramakrishna, Murrugan Ramalingam, T.S. Sampath Kumar and Winston O. Soboyejo	Biomaterials: a nano approach	2010	CRC Press	Both SR and WS were PGs in the Dept. - SR with Prof. Derek Hull and WS with Dr John Knott
M.F. Ashby and D.R.H. Jones	Engineering materials 1 (4th ed.)	2011	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
M.F. Ashby	How to write a paper (7th ed.)	2011	Cambridge University Engineering Dept.	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
S. Paul	Ceramic Thermal Barrier Coatings: Porosity, Pore Architecture and Properties	2011	Lambert	Shiladitya was a PG in the Dept. (Ph.D. student of Bill Clyne)
Seeram Ramakrishna, Zuwei Ma and Takeshi Matsuura	Polymer membranes in biotechnology: preparation, functionalization and application	2011	Imperial College Press	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)
Robert J. Young and Peter A. Lovell	Introduction to polymers (3rd ed.)	2011	CRC Press	Robert Young was an UG and PG in the Dept.
A.P. Mouritz	Introduction to aerospace materials	2012	Woodhead Publishing	Adrian Mouritz was a PG in the dept. (Ph.D. student of Dr Ian Hutchings)
M.F. Ashby and D.R.H. Jones	Engineering materials 2 (4th ed.)	2013	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
Michael F. Ashby, Hugh Shercliff and David Cebon	Materials: engineering, science, processing, and design (3rd ed.)	2013	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
Graeme Davies and Geoff Garrett	Herding professional cats: being advice to aspiring leaders in the professions	2013	Triarchy Press	Geoff Garrett was an UG and PG in the Dept.
B.S. Murty, J.W. Yeh and S. Ranganathan	High-entropy alloys	2014	Butterworth-Heinemann	Srinivasa Ranganathan was a PG in the Dept.
Alexander L. Yarin, Behnam Pourdeyhimi and Seeram Ramakrishna	Fundamentals and Applications of Micro- and Nanofibers	2014	Cambridge University Press	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)
Michael F. Ashby	Materials and sustainable development	2015	Butterworth-Heinemann	Mike Ashby was an UG and PG in the Dept. (Ph.D. student of Mr Gerry Smith)
C. Hammond	The basics of crystallography and diffraction (4th ed.)	2015	Oxford University Press	Chris Hammond was an UG in the Dept.
Seeram Ramakrishna, Lingling Tian, Charlene Wang, Susan Liao and Wee Eong Teo	Medical devices: regulations, standards and practices	2015	Woodhead Publishing	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)
John Humphreys, Gregory S. Rohrer and Anthony Rollett	Recrystallization and related phenomena (3rd ed.)	2017	Elsevier	Anthony Rollett was an UG in the Dept.
Ian Hutchings and Philip Shipway	Tribology: friction and wear of engineering materials (2nd ed.)	2017	Butterworth-Heinemann	Philip Shipway was an UG and PG in the Dept. (Ph.D. student of Dr Ian Hutchings)
D.R.H. Jones and M.F. Ashby	Engineering materials 1 (5th ed.)	2018	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
D.R.H. Jones and M.F. Ashby	Engineering materials 2 (5th ed.)	2018	Butterworth-Heinemann	Both authors were UGs and PGs in the Dept. (MA was a Ph.D. student of Mr Gerry Smith)
Yong Liu, Kaili Li, Mohamedazem M. Mohideen and Seeram Ramakrishna	Melt electrospinning: a green method to produce superfine fibers	2019	Academic Press	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)
Brian Cantor	The equations of materials	2020	Oxford University Press	Brian Cantor was an UG and PG in the Dept.
Sunpreet Singh, Chander Prakash and Seeram Ramakrishna	Additive manufacturing: foundation knowledge for the beginners	2020	World Scientific Publishing	Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)

T.W. Clyne and J.E. Campbell
A. Sandeep Kranthi Kiran and Seeram Ramakrishna

Testing of the Plastic Deformation of Metals
An introduction to biomaterials science and engineering

2021
2021

Cambridge University Press
World Scientific Publishing

James Campbell was an UG and PG in the Dept. (Ph.D. student of Prof. Bill Clyne)
Seeram Ramakrishna was a PG in the Dept. (Ph.D. student of Derek Hull)