

Curriculum Viata



NAME: ARUP BAKSI

DESIGNATIONS: ASSOCIATE PROFESSOR

JOINING DATE IN THE SERVICES: 01/09/1997

JOINING DATE IN THIS COLLEGE: 25/03/2000

OFFICIAL MAIL ID: arup_baksi2003@yahoo.co.in

ACADEMIC QUALIFICATIONS: • M.Sc (Applied Mathematics)

• M.Phil

• Ph.D

TEACHING EXPERIENCE: 23 YEARS (1997 -)

AREA OF SPECIALIZATIONS: ADVANCED OPTIMIZATION AND
OPERATIONAL RESEARCH

RESEARCH ACTIVITY: THERMAL STRESS

AREA OF INTEREST: FRACTIONAL CALCULUS, THERMAL STRESS

UGC ORIENTATIONS/ REFRESHER COURSE ATTENDED: YES

SEMINAR ATTENDED:

1. MATHEMATICS AND COMPUTER SCIENCE - AN INTERFACE

Sponsoring agency - UGC

Date - 14/03/2009

Place - Bangabasi Morning College, Kol - 09

2. APPLICATION OF MATHEMATICS IN DIFFERENT FIELDS OF
SCIENCE

Sponsoring agency - UGC

Date - 27/02/2009

Place - Vivekananda College, Kol - 63

3. REFRESHER COURSE

Sponsoring agency - UGC

Date - 08/09/2008

Place - Calcutta University

4. 8TH INTERNATIONAL CONFERENCE ON VIBRATION
PROBLEM (ICOVP-2007)

Sponsoring agency -TEQIP

Date - 30/01/2007

Place - BENGAL ENGINEERING AND SCIENCE UNIVERSITY
SHIBPUR. HOWRAH

5. INTERNATIONAL SEMINAR ON SCIENCE. CULTURE AND
SOCIAL CHANGE (ISSCSC)

Sponsoring agency -University of Calcutta

Date - 18/01/2007

Place - Centenary Auditorium University of Calcutta

6. REFRESHER COURSE

Sponsoring agency -UGC

Date - 21/11/2006

Place - Calcutta University

7. NATIONAL SYMPOSIUM ON CONTINUUM MECHANICS IN THE
PERSPECTIVE OF MODERN TRENDS

Sponsoring agency -Applied Mathematics, Calcutta University

Date - 21/03/2005

Place - Department of Applied Mathematics, CU, Kol-09

8. NATIONAL SEMINAR ON ADVANCES IN MECHANICS OF SOLIDS WITH SPECIAL EMPHASIS ON FRACTURE MECHANICS

Sponsoring agency -UGC(DSA)

Date - 11/03/2004

Place - Department of Applied Mathematics CU, Kol -09

RESEARCH PUBLICATIONS: 10

ARTICLE AND RESEARCH PAPER:

1. EIGENVALUE APPROACH TO STUDY THE EFFECT OF ROTATION AND RELAXATION TIME IN TWO DIMENSIONAL PROBLEMS OF GENERALIZED THERMOELASTICITY

Published in International Journal of Engineering Science, 42, pp. 1573-1585, 2004 (U.S.A)

2. EIGENFUNCTION EXPANSION METHOD FOR THE SOLUTION OF MAGNETO-THERMOELASTIC PROBLEMS WITH THERMAL RELAXATION AND HEAT SOURCE IN TWO DIMENSIONS

Published in Mathematical and Computer Modelling, 41, pp. 825-835, 2005 (U.S.A.)

3. STUDY OF TWO DIMENSIONAL MAGNETO-THERMOELASTIC PROBLEMS IN ROTATING MEDIUM BY EIGENFUNCTION EXPANSION METHOD

Published in International Journal of Pure and Applied Mathematics, 24 (1),pp. 39-60, 2005, (Bulgaria)

4. EIGENFUNCTION EXPANSION METHOD FOR THE SOLUTION OF MAGNETO-THERMOELASTIC PROBLEMS WITH THERMAL RELAXATION AND HEAT SOURCE IN THREE DIMENSIONS

Published in Mathematical and Computer Modelling, 42, pp. 533-552, 2005, (U.S.A.)

5. STUDY OF MAGNETO-THERMOELASTIC PROBLEMS WITH THERMAL RELAXATION AND HEAT SOURCES IN A THREE DIMENSIONAL INFINITE ROTATING ELASTIC MEDIUM

Published in International Journal of Engineering Science, 43, pp. 1419-1434, 2005, (U.S.A.)

6. RELAXATION EFFECTS ON PLANE WAVE PROPAGATION IN A ROTATING MAGNETO-THERMO-VISCO-ELASTIC MEDIUM

Published in- Journal of Thermal Stresses, VOL 29, pp. 753-769,
2006 (U.S.A.)

7. WAVES IN THERMOELASTIC MATERIALS WITH MEMORY IN
GENERALIZED THERMOELASTICITY

Published in- International Journal Of Applied Mechanics and
Engineering. Vol. 11, No. -4, pp. 771-785, 2006 (Poland)

8. A NOTE ON THERMOELASTIC PROBLEM OF TWO COLLINEAR
GRIFFITH CRACKS IN AN ORTHOTROPIC MEDIUM

Published in International Journal of Pure and Applied
Mathematics, Vol -37, no -4, pp. -365-374, 2007, (Bulgaria)

9. EFFECT OF GENERALIZED THERMOELASTICITY MATERIALS
WITH MEMORY

Published in An International Journal of Structural Engineering and
Mechanics, Vol. -25, No. -5, 2007

SEMINAR/ CONFERENCE PAPER:

1. EIGENVALUE VALUE APPROACH TO STUDY THE EFFECT OF
THERMOELASTIC INTERACTIONS DUE TO ROTATION,

RELAXATION AND INSTANTANEOUS POINT HEAT SOURCE IN
THREE DIMENSIONS IN GENERALIZED THERMOELASTICITY.

Published in Proceedings of the 5th international congress on
Thermal Stresses and Related Topics, TS2003, pp. 8-11, June
2003, Blacksburg VA, (U.S.A.)

CHAPTER IN RESEARCH PUBLICATIONS:

TEXT BOOKS WITH ISBN: Nil

TEXT BOOKS WITHOUT ISBN (SOLE AUTHOR): Nil