OBJECTIVES OF THE COURSE:

The workshop is aimed at bringing together the scientific and technical community to share their knowledge in the field of advanced material research. Eminent persons are expected to promote research activities in Sever Plastic Deformation (SPD), Repetitive Corrugation and Straightening (RCS). It is decided to give the audience the best and make them instrumental in pursuing quality research. This is expected to attract more number of researchers towards the scientific side and extending their findings towards the technical side.

COURSE CONTENTS:

- Introduction to SPD
- Severe plastic deformation of intermetallic alloys
- Techniques of SPD
- Grain refinement mechanism
- Grain Boundary segregation in Ultra Fine Grained (UFG) alloys processed by SPD
- Characterization of the materials
- Demonstration of RCS and High Pressure Torsion (HPT) Machines
- Applications of SPD in research.

RESOURCE PERSONS:

Experts from DMRL Hyderabad, NAL Bangalore, IIT Madras and Basaveshwar Engineering College, Bagalkot

ELIGIBILITY:

Faculty members from AICTE approved Engineering/ Polytechnic Research scholars and Engineers working in industry are eligible.

Chief Patrons
Sri. Veeranna Charanthimath
Chairman, B.V.V.Sangha, Bagalkot

Sri. Mahesh Athani
Hon. Secretary, B.V.V.Sangha, Bagalkot

Patrons
Dr. R. N. Herkal, Principal
Basaveshwar Engineering College, Bagalkot

Dr S N Kurbet, HOD
Dept. of Mechanical Engineering
Basaveshwar Engineering College

Invited Speakers
Dr. Raghu T
Out Standing Scientist, DMRL, DRDO Kanchanbagh,
Hyderabad- 500 058

Dr B S Murty, Professor
IIT Madras

Dr Chandan Mondal, Scientist ‘ E’
DMRL Hyderabad

Commodore M N Menon
Ministry of Defence(Navy), SenaBhawan
New Delhi-110011

Dr. K. Venkateshwarlu
Principal Scientist, Materials Science Division,
CSIR-National Aerospace Laboratories, Bangalore

Coordinators:
Dr. S A Kori
Principal Investigator, NRB DNRB Project
Dr V G Akkimaradi, 9448311580
Dr S M Jigajinni, 9880028244
E-Mail:siddujigajinni@gmail.com
Guru0159@gmail.com

NRB, DNRD, New Delhi Sponsored

One-day workshop on

“SPD TECHNIQUES WITH EMPHASIS ON
REPETITIVE CORRUGATION AND
STRAIGHTENING (RCS)”

(Saturday, 3 September 2016)

Basaveshwar Engineering College(Autonomous)
Bagalkot-587102, Karnataka
(Govt.Aided, AICTE Recognized, Accredited by NBA, Affiliated to VTU)

ORGANIZED BY
Department of Mechanical Engineering
Ph: 08354-234060(O), 08354-234204 (Telefax),
http://www.becbgk.edu
“SPD TECHNIQUES WITH EMPHASIS ON REPETITIVE CORRUGATION AND STRAIGHTENING (RCS)”
(Saturday, 3 September 2016)

REGISTRATION FORM

Name : Mr/Ms/Dr._____________________
Designation : _________________________
Qualification : _________________________
Department : _________________________
Organization : _________________________
Address : _________________________________

Contact No. : Office: _______________________
(STD Code) : Mobile: _______________________

Specialization : _________________________
Experience(Y) : Teaching: Industry: _________________________
Accommodation : Yes / No _________________________

(Signature of Applicant)

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr._____________________
will be permitted to participate in the above programme, if selected. Further, I have personally talked to the applicant and he/she seemed to be sure to attend the course, in case the admission is offered to him/her. This is to certify that this institute is recognized by AICTE.

Date _________________________ Signature Sponsoring Authority(Principal / Director) with seal

ABOUT THE DEPARTMENT:

MECHANICAL ENGINEERING

The Department of Mechanical Engineering started with the inception of the college in 1963. The department offers Undergraduate, Post graduate and Research Programs. It has well equipped laboratories with state-of-art equipment’s. The students excel in academics under the constant guidance of highly qualified, experienced and dedicated staff. The graduating students are well placed in industry as well as in academia mainly through the campus placements and also by direct recruitments. High end facilities are available for carrying out research work in various fields of Engineering. The department has produced good number of Doctorates and lot many researchers are under progress.

RESEARCH AND DEVELOPMENT CENTRE:

Apart from teaching, the Department is actively engaged in research work on the casting and solidification, grain refinement of Aluminium and its alloy, metals matrix composites, development of in-situ Al-Tib2 MMC Corrosion, Welding, Structure Property correlation., Nano materials, Creep testing and Joining of metal ceramic brazing and tribology. Till now The R&D Department has obtained more than 10 crore rupees of funding from various agencies like AICTE, UGC, NSTL, RINL, NRB, DRDO, DST etc., To take up research and consultancy projects.

Note :
This application form should reach R&D Office latest by 31/08/2016 and application without the approved letter will not be entertained for the course. Please note that 100% attendance is compulsory.

ABOUT THE INSTITUTION

The Basaveshwar Engineering College was started in the year 1963 offering bachelor degrees in Civil, Mechanical and Electrical Engineering affiliated to Karnataka University, Dharwad. At present it offers 10 under graduate and 10 post graduate programs. The College is a Government aided institution affiliated to Visveswaraya Technological University, Belgaum in Karnataka and approved by All India Council for Technical Education, New Delhi. The college has been recognized as QIP research center in 5 disciplines by MHRD, New Delhi and 7 disciplines have been recognized as research centers by VTU, Belgaum offering PhD and MSc Engg (by Research). Recently it has been given an autonomous status. College campus is well laid on an elevated stretch of land of over 1184 hectares on the outskirts of the city and is adjoining to New Bagalkot town and has an administrative block, Lecture hall complex, various departmental buildings, Library, hostels, staff quarters, cafeteria, auditorium and a conference hall with various seating capacities. Human Resource in the college comprises of qualified and dedicated staff.

REGISTRATION

Interested applicants are requested to send duly filled registration form to coordinators. There is no Registration fee for the workshop.

CONTACT DETAILS:

Dr. S A Kori
Principal Investigator, NRB DNRB Project
Dr V G Akkimaradi, 9448311580
Dr S M Jigajinni, 9880028244
E-Mail: siddujigajinni@gmail.com
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