



Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

www.jetir.org | editor@jetir.org An International Scholarly Indexed Journal

Certificate of Publication

The Board of

Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)

Is hereby awarding this certificate to

Avinash Gopal Patil

In recognition of the publication of the paper entitled

Crack initiation and growth in AISI 4140H-a brake disc under thermo-mechanical fatigue by analytically and experimentally.

Published In JETIR (www.jetir.org) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 4 Issue 7 , July 2017 | Date of Publication: 2017-07-01

Parisa P

EDITOR

[Signature]

EDITOR IN CHIEF

JETIR1707043

Research Paper Weblink <http://www.jetir.org/view?paper=JETIR1707043>

Registration ID : 223014





Journal of Emerging Technologies and Innovative Research

An International Open Access Journal Peer-reviewed, Refereed Journal

www.jetir.org | editor@jetir.org **An International Scholarly Indexed Journal**

Certificate of Publication

The Board of
Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)
Is hereby awarding this certificate to

Dr. S. Singh

In recognition of the publication of the paper entitled
**Crack initiation and growth in AISI 4140H-a brake disc under
thermo-mechanical fatigue by analytically and experimentally.**

Published In JETIR (www.jetir.org) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor

Published in Volume 4 Issue 7 , July 2017 | Date of Publication: 2017-07-01

Parisa P
EDITOR


EDITOR IN CHIEF

JETIR1707043

Research Paper Weblink <http://www.jetir.org/view?paper=JETIR1707043>

Registration ID : 223014

