

# Curriculum Vitae

**DR PANKAJ**

<https://www.scopus.com/authid/detail.uri?authorId=53982009700>

Editor in Chief, [Review of Control Theory and Informatics, Pakistan](#)

B.Sc., M.Sc. (Gold Medalist), M. Phil. (Gold Medalist),

Ph.D., D.Sc. (in Progress),

Life time Honorary Fellow Australian Institute of High Energetic Material (Monash University Australia)

Associate Professor, Faculty of Science and Technology, ICFAI University Baddi, Solan, Himachal Pradesh

Guest Faculty Mahatma Gandhi University Maghalaya,

Advisor Board member in M.Phil./Ph.D. Mahatma Gandhi University Maghalaya,

Member Departmental Research committee Punjab University Patiala, India,

Research Degree Committee member in Mahatma Gandhi university Meghalaya,

Editorial Board member International Journal of Biomedical Science and Engineering, New York, USA, Editorial Board member International Journal of

Engineering & Technical Research, India, Editorial Board member American Open Applied Engineering Journal, New York, USA, Editorial Board member American Open Applied Science Journal, New York, USA, Editorial Board member American Open Agricultural Engineering Journal, New York, USA, Editorial Board member American Open Agricultural Science & Technology Journal, New York, USA, Editorial Board member American Open Aerospace Engineering Journal, New York, USA, Editorial Board member American Open Advanced Mechanics Journal, New York, USA, Editorial Board member American Open Applied Mathematics Journal, New York, USA, Editorial Board member American Open Materials Science Journal, New York, USA, Editorial Board member American Open Mechanical Engineering Journal, New York, USA, Editorial Board member American Open Mechanics Journal, New York, USA, Editorial Board member American Open Statistic and Mathematics Journal, New York, USA, Editorial Board member American Open Industrial Engineering Journal, New York, USA, Editor Time Journal of Engineering and Physical Sciences (TJEPS), Editor Zadeh Journal of Mathematics, India, Editorial Board member (IJMRS's) International Journal of Mathematical Modeling and Physical Sciences, India , Editorial Board member International Journals of Computer Science And Information Security (IJCSIS) Dubai, Editorial Board member World Journal of Mathematical Modeling and Applied Computing, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Chemical Engineering and Materials Science, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Engineering Studies, Science and Technology Publishing, NY, USA, Editorial Board member World Open Journal of Computer Engineering Research, Science and Technology Publishing, NY, USA, Editorial Board member Open Research Journal of Industrial & Production Engineering, Science and Technology Publishing, NY, USA, Editorial Board member International Research Open Journal of Advanced Mechanics, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Advanced Mathematics and Physics, Science and Technology Publishing, NY, USA, Editorial Board member Global Open Research Journal of Mathematics, Science and Technology Publishing, NY, USA, Editorial Board member Open Research Journal of Fluid Dynamics, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Composite Materials, Science and Technology Publishing, NY, USA, Editorial Board member World Open Journal of Advanced Mathematics, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Metal and Steel Research Technology, Science and Technology Publishing, NY, USA, Editorial Board member Research Open Journal of Science and Technology, Science and Technology Publishing, NY, USA, Editorial Board member Global Open Journal of Applied Engineering Research, USA, Editorial Board member Research Open Journal of Mechanical Engineering, USA, Editorial Board member Global Open Journal of Aerospace Engineering, USA, Editorial Board member Research Open Journal of Mechanical Engineering, USA, Consulting Editors in ABC Journal of Advanced Research (ABC JAR), Editor of Journal Of Engineering Research & Publication Centre (JERPC), USA, Editorial Board member International Journal of Mathematics and Engineering Research (IJMER), Editorial Board member Wyno Academic Journal of Engineering and Technology Research, Editorial Board member Wyno Academic Journal of Physical sciences, Editorial Board member



Engineering and technology research, Editorial Board member in International Journal of Humanities and Management Sciences (IJHMS), Editorial Board member of American Journal of Engineering Science and Technology Research (USA), Editorial Board member Academia Journal of Scientific Research (AJSR), Editorial board member Asian Academic Research Associate, Editorial board member Asian Journal of Applied Science and Engineering (AJASE), Editorial Board member IRED (Institute of Research Engineers and Doctors) Journals and Reviewer, Invited as Editor in Chief Pacific-Journal of Mathematical Science (PJMS) (Starts Jan. 2013), Invited as Guest editor International Journal of Mechanical Engineering (Vo. 2, Issue. 9), Editorial board member Journal of contemporary issues in Business Research (JCIBR), Editorial board member British Journal of Engineering & Technology, United Kingdom, Advisory board member Bioinfo Computational Mathematics Journal, Senior Member of Universal Association of Computer and Electronics Engineers, Editorial Board member journal of Chemical, Biological and physical Science (JCBPS), Editorial Board member in International Journal of Applied and Natural Sciences (IJANS) India, Editorial Board member in International Journal of Mathematics and Statistics (IJMS), India, Editorial Board member in Journal of Mathematics and Science (JMS) India, Editorial Board member in Transstellar Journal Publications & Research, India, Editorial board member Scientific Journal of Environment Sciences, Editorial board member of Research Bulletin of the Australian Institute of High Energetic Materials, Editorial Board member International Journal of Mechanics and Solids (IJMS) India, Editorial Board member Mechanics and Thermodynamic (IJMT) India, Editorial Board member International Journal of Advanced Mechanical Engineering (IJAME) India, Editorial Board member Advances in Applied Computational Mechanics (AACM) India, Editor Continental Journal of applied Science (Nigeria), Editorial board member in World Academy of Science Engineering and Technology Scientific and Technical Committee on Natural And Applied Science, Member in IST Press (A world of Sharing Science) and Reviewers (Canada), Member HiPEAC European Network of Excellence on High Performance and Embedded Architecture and Compilation (Europe), Editorial Board member in Scientific Journals International (USA), Member in International Association of Computer Science and Information Technology (IACSIT) Singapore, Reviewers in CST Journal (America), Reviewer in thermal science, international Scientific Journal (Serbia), Editorial board Member of African Journal of Biotechnology, Reviewers in Journal of portugaliae electrochimica acta, Reviewers Defence science Journal (India), Reviewers in Transstellar Journal Publications & Research (India), Reviewer in WSEAS Journal USA, Member in Research degree committee CMJ university, Editorial board member International Journals of The Institute of Research Engineers and Doctors- IRED, Editorial Board member in International Scientific Academy of Engineering & Technology, USA, Editorial Board member International Journal of Biomedical Science and Engineering USA, Editorial Board member International Journal of Innovation in science and Mathematics, Editorial Board member Review of Control Theory and Informatics, Pakistan. Working as Editor, IEC University International Journal of Engineering, Managements and Science.

### Objective

To work for organizational growth and intend to build a career with leading corporate of hi-tech environment, by implementing my practical knowledge, which I gained during academics.

### Personal Details

<b>Name:</b>	Dr Pankaj
<b>Father's Name:</b>	Sh. Balbir Singh
<b>Permanent Address:</b>	Village Tikker, Post office Bihru, Teh. Barsar, Distt. Hamirpur, (H.P)-176040
<b>Corresponding Address:</b>	Associate Professor, Department of Mathematics, Faculty of Science and Technology, ICFAI University Baddi, Distt Solan, India (H.P)-174103
<b>Nationality:</b>	Indian
<b>Date of Birth:</b>	15 August 1979
<b>Marital Status:</b>	Married
<b>Language Known:</b>	English, Hindi

**E-mail:** pankaj\_thakur15@yahoo.co.in,  
dr\_pankajthakur@yahoo.com  
**Contact numbers:** +918570975865, +918569949428.

### Achievements

- Merit Certificate in 10<sup>th</sup> class under National Scholarships Scheme.
- First Position in College in Math's during B.Sc. 3<sup>rd</sup> year.
- First Rank in class M. Sc. (Mathematics) Post Graduate centre Shimla during year 1999-2001.
- First Rank in M. Sc. (Mathematics) in H.P. University Shimla, 2001.
- First Rank in class M. Phil, 2002.

### Academic Qualifications

Exam Passed	University / Institute	Year	Division	% age Of marks
Matriculation	H P Board	1994	First	72.4 % Merit position in First in Himachal Pradesh School education Board
B. Sc. (Non-Medical)	H P University, Shimla	1999	First	62.2 %
M. Sc. (Mathematics)	H P University, Shimla	2001	First	70.08 % First in Himachal Pradesh University Shimla
M. Phil.(Mathematics)	H P University, Shimla	2002	First	87 % First in Himachal Pradesh University Shimla
Ph.D. (Mathematics)	H P University, Shimla	Awarded 2007	Under supervision of Prof. S.K. Gupta (Assistant Professor University of Roorkee, 1977) Retired Professor Himachal Pradesh University Shimla, June 2006 <i>Abstract of the thesis Published</i> Indian Science Abstracts, National Institute of Science Communication and Information Resources (NISCAIR) , Vol. 44, No.13, July 1, 2008, pp. 012029, ISSN: 0019-6339.	
D.Sc.	Himachal Pradesh University	In prog.	In prog.	
Honorary Fellow	Australian Institute of High Energetic Material, Monash University, Australia	Awarded	Years 2011 to till date	

### Awards

- ❖ Award HPU JRF, 2003-2007, India
- ❖ Award Major Research Project UGC India, 2014 for three years.
- ❖ Award for excellence in Research by Education expo TV Calcutta, Aug. 2014.
- ❖ Award Special mention certificate **Young Scientist award** by Education expo TV Bangalore, June 2013.
- ❖ Young Faculty Award by, Education Expo TV Noida, May 2013.

- ❖ Apperotation Award presented by Indus International University Bathu 2013.
- ❖ Best Teacher awarde IEC University, 2014.
- ❖ Award Gold Medal in M.Sc. Mathematics (2001).
- ❖ Awards Gold Medal in M.Phil. Mathematics, 2002, Himachal Pradesh University Shimla.
- ❖ Nominated Top 100 Educators - 2012”, International Biographical Centre (IBC),Cambridge, England.
- ❖ Nominated Man of the year 2012 for professional excellence, American Biographical institute, USA.
- ❖ Nominated include reference International Dictionary of Professional, 2012, American Biographical institute, USA.

### Scholarships

- ❖ National Scholarships in Matriculation.
- ❖ Himachal Pradesh University Junior Research Fellow in M. Phil.
- ❖ Himachal Pradesh University Junior Research Fellow in Ph.D.

### Honors

- ❖ Life time **Honorary Fellowship** Australian Institute of High Energetic Materials, Monash University, Australia, 2011.
- ❖ **Guest of Honors** presented by R.R Bawa DAV College for girls Batala, Punjab on National Seminar on **Advanced Mathematics: Its Implications in Modren Era**, UGC Sponsored, 25<sup>th</sup> February, 2012.
- ❖ **Guest of Honors**, Rayat Bhara Institute of Engineering and Nano-technology, Hoshiarpur for Faculty development Program, Sponsored by Punjab Technical University Jalandhar, 2012.
- ❖ Honors to be on the Editorial Board Member of International Academy of Science, Engineering and Technlogy’s Research Forum , USA & INDIA, 2012.

### Title of thesis’s

- ❖ **Master of Philosophy:** Elastic - plastic Rotating Disc with rigid inclusion under Steady - State Temperature.
- ❖ **Doctor of Philosophy Ph.D.:** Some Problems in Elastic- Plastic and Creep Transition.
- ❖ **Doctor of Science :** Problems in Elastic - Plastic and Creep Transition in a thin rotating disc

### Area of Interests

- ❖ Applied Mathematics, Solid Mechanics, Elastic, Plastic, Creep, Thermal Stresses

### Area of Teaching Mathematics

- ❖ Solid mechanics, Engineering Mathematics, Differential Equation, Differential Geometry, Matrices. Numerical analysis

### Research Guidance

- **M.Phil. Degree:** 15 completed
- **M.Sc. Degree:** 05 completed
- **Ph.D. Degree:** 02 Completed + 01 (submission stages) + 02 pursuing

### List of candidates supervised and co-supervised in M. Phil. Degree

- ✚ Vikas Verma, Problem in creep transition in a thin Rotating Disc with rigid Inclusion, *Periyar University*, 2007, (as Co-supervised).
- ✚ Sonia Rani, Problem of Creep Transition in a Thin Rotating Disc having variable density with Inclusion, *Chaudhary Devi Lal University*, 2007(as Co-supervised).
- ✚ Sanjay Kumar, Problem in Elastic-Plastic Transition in a Thin Rotating Disc with Inclusion, *Vinayaka Mission University*, 2008. (as supervised).
- ✚ Lalit Kumar Gandhi, Problem of Elastic - plastic Transition in an isotropic disc having variable thickness subjected to internal pressure, *Vinayaka Mission University*, 2008, (as supervised).
- ✚ Desh Raj, Problem in Thermo Elastic-Plastic Transition in a Thin Rotating Disc with Inclusion, *Annamalai University*, Directorate of Distance Education, Annamalainagar, 2008, (as co-supervised).
- ✚ Vijay Kumar, Problem in Elastic-Plastic Transition in a Thin Rotating Disc having variable density with Inclusion, *Vinayaka Mission University*, 2009, (as supervised).
- ✚ Renuka Sharma, Elastic-plastic transition in a thin rotating disc with inclusion by finite deformation under steady state temperature, *Vinayaka Mission University*, 2009, (as supervised).
- ✚ Kulwant Singh, Elastic-plastic transition stresses in an isotropic disc subjected to internal pressure, *Vinayaka Mission University*, 2009.
- ✚ Himanshu Dutt, Fabrication of thin films in ferrite research, *Vinayaka Mission University*, 2009, (as supervised).
- ✚ Pankaj, Elastic-plastic transition stress in a thin rotating disc having variable density with rigid inclusion, *Vinayaka Mission University*, 2009 (as Supervised).
- ✚ Arun Kumar Chauhan, Behavioural study of schottky diodes for barrier in homogeneities under simulated condition *Vinayaka Mission University*, 2010 (as Supervised).
- ✚ Sushma Kumari, Study of Evaporation of light particle in fusion reactions under high excitation and angular momentum, *Vinayaka Mission University*, 2010 (as Supervised).
- ✚ Sushil Parsad, Numerically study of stresses in a Disc and cylinders, CMJ University, awarded 2012(as supervised).
- ✚ Suresh Kumar, Study of stresses in a disc with rigid inclusion, CMJ University, awarded 2012 (as supervised).

### List of candidates supervised M. Sc. Degree dissertation

- ✚ Komal, Numerical study of disc with inclusion, Reg. No.: H13IECCMM001, awarded June 2015.
- ✚ Nitán Sharma: Analysis of creep transitional stresses of orthotropic thick-walled cylinder subjected to combined axial load under internal pressure, Reg. No.: H13IECCMM002, awarded June 2015.
- ✚ Deepali Thakur: Numerical study of stresses in a thin rotating disc with shaft by infinitesimal deformation under steady state temperature, Reg. No.: H13IECCMM003, awarded June 2015.
- ✚ Madhu Gupta: Numerical study of elastic-plastic deformation in a solid disk with mechanical load, Reg. No.: H13IECCMM004, awarded June 2015.
- ✚ Vandana, Numerical study of elastic-plastic infinitesimal deformation in solid disk, Reg. No.: H13IECCMM004), awarded June 2015.

### List of candidates supervising/ co-supervising Doctor of Philosophy

S. N.	Name of Candidates	Topic	University	Registration Number	Role	Status
1	Mrs Jatinder Kaur	Elastic-plastic and creep problems in disc	Punjabi University Patiala, Punjab	7328	Co-supervisor	<i>Thesis Awarded March., 2017</i> <i>Paper Published: 07</i> <b>01 SCI + 01 Thomson master Journal Lists + 05 (Scopus)</b>
2	Mrs Nishi Gupta	Modeling Of Creep In composite Structures Subjected To Thermal Gradients	Punjabi University Patiala, Punjab	2012-06-03	Co-supervisor	<i>Thesis Submitted April ., 2017</i> <i>Paper Published Paper Published: 07</i> <b>01( SCI)+ 01 (Thomson master Journal Lists)+ 03 (Scopus0)</b>
3	Mr. Sandeep Kumar	Elastic-plastic and Creep transitional problems for transversely isotropic materials in disc	Mahatma Gandhi University , Meghalya	MGU0813RP29 2061	supervisor	<i>Submission stage</i> <i>Paper Published Paper Published: 03</i> <b>02 (Scopus) + 01 (Index)</b>
4	Mr Suresh Kumar	Analytical study of thermal stresses in the disc for isotropic material	Punjab Technical University, Punjab	1212029	Co-supervisor	<i>Submission stage</i> <i>Paper Published: 04</i> <b>03(Scopus) + 01 (Index)</b>

5	Mr Shivdev	Some Problems in Elastic-plastic creep in the disc, cylinder and Torsion	Punjabi University Patiala, Punjab	Register: Oct. 2016	Co-Supervisor or	Course works <b>Paper Published: 01</b> <b>01 (Scopus)</b>
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### Organized Seminar University

- ✚ Seminar on Recent Trends in solid Mechanics & Functional Analysis', Department of Mathematics, Indus International University Una, 12 Dec. 2011 (as a Coordinator).
- ✚ Organized a two day workshop in electrical engineering application, Indus International University Una, 2012 (as a Coordinator).

### Research Publication

S.N.	Thomson Master Journal List		Scopus	Index Journals	Others Abstracts Publication	Proceeding Book Chapters
	SCI	Zoological Records				
<b>1</b>	<b>17</b>	<b>08</b>	<b>30</b>	<b>19</b>	<b>19</b>	<b>02</b>
<b>Totals:</b>			<b>55( SCI + Scopus) +19 (index journal)+ 19(abstracts) = 95</b>			

### Years -2017

1. **Pankaj Thakur**, Nishi Gupta, S. B. Singh, Creep strain rates analysis in cylinder under temperature gradient materials by using Seth's theory, *Engineering Computations*, Emerald Publisher, Vol. 34, No.3, United Kingdom, 2017  
<http://dx.doi.org/10.1108/EC-05-2016-0159>.  
**(SCI, SCOPUS, Impact Factor: 1.22)**
2. Pankaj Thakur, Gaurav Verma, D. Pathania, S.B. Singh, Thermal Creep stress and strain analysis in Non-homogeneous Spherical shell, revised version send, Journal of Theoretical and Applied Mechanics, Poland, 2017.  
**(SCI, SCOPUS, Impact Factor: 0.72)**
3. Pankaj Thakur, D.S. Pathania, Gaurav, S.B. Singh, Effect of non-homogeneity and pressure in Spherical Shell, send for publication Accepted for publication *Structural Integrity and Life*, Vol. 18, issue 3, 2017.  
**(SCOPUS, Impact Factor: 0.21)**
4. Pankaj Thakur, Strain Analysis in a rotating Disc having variable thickness Parameter and subjected to mechanical load, Journal of Theoretical and Applied Mechanics, Poland,

2017. (In Review)

(*SCI, SCOPUS, Impact Factor: 0.72*)

5. Pankaj Thakur, Creep stresses in a circular cylinder subjected to torsion, Journal of Theoretical and Applied Mechanics, Poland, 2017. (In Review)

(*SCI, SCOPUS, Impact Factor: 0.72*)

6. **Pankaj Thakur, Satya Bir Singh, Nishi Gupta, Shivdev Shahi**, Effect of mechanical load and thickness profile in a rotating disc by using Seth's transition theory, Accepted for publication AIP Conf. Proceeding, American Institute of Physics, United State,2017

(*SCOPUS, Impact Factor: 0.14*)

7. Gaurav Verma, Puneet Rana, D. S. Pathania, and **Pankaj Thakur**, Creep transition in the rotating spherical shell under the effect of density variable by Seth's transition theory, Mathematical Sciences and its Applications , AIP Conf. Proceeding, American Institute of Physics, United State, Vol. 1802, issue1, pp. 020020-1, 020020-10,DOI: 10.1063/1.4973270, 2017.

(*SCOPUS, Impact Factor: 0.14*)

8. Pankaj Thakur, Gaurav Verma, D. Pathania, S.B. Singh, *Elastic-plastic Transition on rotating spherical shells in dependence of compressibility*, accepted for publication Kragujevac Journal of Science, UNIV KRAGUJEVAC, FAC SCIENCE, Vol. 39, 2017

(*Zoological Record, Thomson Master Journal List*)

9. Pankaj Thakur, Suresh kumar, Joginder Singh, Creep stresses in a rotating Disc having variable density and mechanical load under steady-state temperature, Accepted for publication *Structural Integrity and Life*, Vol. 18, issue 2, 2017.

(*SCOPUS, Impact Factor: 0 21*)

10. Pankaj Thakur, Gaurav Verma, D. Pathania , Elastic-Plastic Stress Analysis of Spherical Shell under internal and external Pressure, Accepted for publication *Structural Integrity and Life*, Vol. 18, issue 2, 2017.

(*SCOPUS, Impact Factor: 0 21*)

11. Pankaj Thakur, Gaurav Verma, D. Pathania, S.B. Singh, Elastic-Plastic stress analysis in a Spherical Shell under internal pressure and steady state temperature, Accepted for publication *Structural Integrity and Life*, issue 1, Vol. 18, 2017.

(*SCOPUS, Impact Factor: 0 21*)

### **Years: 2016**

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1. Pankaj Thakur, Jatinder Kaur, S. B. Singh, Thermal creep transition stresses and strain rates in a circular Disc with shaft having variable density, *Engineering Computations*, Emerald Publisher UK, Vol.33, Issue 3, 2016, pp. 698-712.

(*SCI, SCOPUS, Impact Factor: 1.22*)

2. Nishi Gupta , Satya Bir Singh, **Pankaj Thakur**, Determine variation of Poisson ratios and thermal creep stresses and strain rates in an isotropic Disc, *Kragujevac Journal of Science, Serbia*, Vol. 38, 2016, 15- 28.



(Zoological Record Thomson Master Journal List)

3. **Pankaj Thakur**, Satya bir Singh, Joginder Singh, Suresh Kumar, Steady Thermal Stresses in Solid Disk under heat generation subjected to variable Density, *Kragujevac Journal of Science, Serbia*, Vol. 38, 2016, pp. 5-14.

(Zoological Record Thomson Master Journal List)

4. **Pankaj Thakur**, Satya bir Singh , Joginder Singh , Suresh Kumar, Effect of density variation parameter in an isotropic solid Disk , *Structural Integrity and Life*, Vol. 17, No.3, pp. 143-148, 2016.

(Scopus, Impact Factor: 0.24)

5. **Pankaj Thakur**, Sandeep Kumar, Evaluated stresses Transversely Isotropic circular Disk with inclusion, *Structural Integrity and Life, Serbia*, Vol. 17, Issue No. 3, 2016, pp.155-160 .

(Scopus, Impact factor: 0.24)

6. Nishi Gupta , **Pankaj Thakur**, Satya Bir Singh, Mathematical method to determine thermal strain rates and displacement in a thick-walled spherical shell, *Structural Integrity and Life, Serbia*, Vol. 16, Issue No. 2, 2016, pp. 99-104.

(Scopus, Impact Factor: 0.24)

7. Nishi Gupta, Pankaj Thakur, Satya Bir Singh, Creep modeling in a composite rotating disc with variable thickness variation in the presence of residual stress, *Structural Integrity and Life* , Vol. 16, No. 2, 2016, pp. 105-112.

(Scopus, Impact Factor: 0.24)

8. **Pankaj Thakur** , Sandeep Kumar , Vandna, Effect of Transversely material in a disc with inclusion and subjected to load, *International Journal of Electro Mechanics and Mechanical Behavior* , Volume 2 Issue 1, 2016, pp. 1-8.

(Index journal)

9. Jatinder Kaur, Pankaj Thakur and S.B. Singh, Steady thermal stresses in a thin rotating disc of finitesimal deformation with edge loading, *Journal of Solid Mechanics, Islamic Azad University-Arak Branch* , Iran, Vol. 8, No. 1, pp. 204, 211, 2016.

(Scopus, Impact Factor: 0.5)

10. Nishi Gupta, Pankaj Thakur, Satya Bir Singh, Effect of thermal gradient on the creep on a rotating disc, *Journal for Technology of Plasticity* , Vol. 41, Number 1, pp. 13-25, 2016

(Scopus, Impact Factor: 0.12)

### **Years: 2015**

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1. Pankaj Thakur, S. B. Singh, Jatinder Kaur, Mathematical Model in a thin Non-Homogeneous Rotating disc for isotropic material with rigid shaft by using Seth's Transition theory, *Kragujevac Journal of Science, UNIV KRAGUJEVAC, FAC SCIENCE*, Vol. 37, pp. 11-24, 2015.

(Zoological Record, Thomson Master Journal List)

2. Pankaj Thakur, S. B. Singh, Elastic-plastic transitional stresses distribution and displacement for transversely isotropic circular disc with inclusion subject to mechanical load, *Kragujevac Journal of Science, UNIV KRAGUJEVAC, FAC SCIENCE*, Vol. 37, 2015 pp. 25-36.

**(Zoological Record, Thomson Master Journal List)**

3. Pankaj Thakur, S.B. Singh, Shruti, Elastic-Plastic Infinitesimal Deformation In A Solid Disk Under Heat Effect By Using Seth Theory, International Journal of Applied and Computational Mathematics, **Springer Verlag**, DOI: 10.1007/s40819-015-0116-9 , 2015. pp. 1-16.

**(Springer Verlag)**

4. Pankaj Thakur, Satya bir Singh, Suresh Kumar, Mechanical Load in a circular rotating Disk With Shaft For Different Materials Under Steady-State Temperature, Scientific Technical Review, Military Technical Institute Ratka Resanovića, Belgrade, Vol. 65, No. 1, 2015, pp. 36-42.

**(Serbian citation index, Impact Factor: 0.462.)**

5. Pankaj Thakur, Analysis of thermal creep stresses in Transversely thick-walled cylinder subjected To Pressure, Structural Integrity and Life , Vol. 15, Issue No. 1, , 2015, pp. 15-25. Vol. 15, Issue No. 1, 2015, pp. 15-25.

**(Scopus, Impact Factor: 0.14)**

6. Pankaj Thakur, Satya Bir Singh, Jasmina Lozanović Šajić, Thermo elastic-plastic deformation in a solid disk with heat generation subjected to pressure, Structural Integrity and Life , Vol. 15, Issue No. 3, pp. 135-142, 2015.

**(Scopus/cite factor/DOI, Impact Factor: 0.14)**

7. Satya Bir Singh, Pankaj Thakur, Infinitesimal deformation in a solid Disk by using Seth's transition theory, International Journal of Electro-mechanics and Mechanical Behavior Journalpub, India, Vol. 1, Issue 1, pp. 1-6, 2015

**(Index journal)**

**Years: 2014**

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1. Pankaj Thakur, Steady thermal stress and strain rates in a rotating circular cylinder under Steady State Temperature, *Thermal Science*, Vinča Institute of Nuclear Sciences, Belgrade, Serbia, Vol. 18, Supplement 1, pp S93-S106, 2014.

**(SCI, SCOPUS, Impact Factor: 1.222.)**

2. Pankaj Thakur, Steady Thermal Stresses and Strain Rates in a circular cylinder with non-homogeneous compressibility subjected to thermal load, *Thermal Science*, Vinča Institute of Nuclear Sciences, Belgrade, Serbia, Vol. 18, Supplement 1, pp S81- S92, 2014.

**(SCI, SCOPUS, Impact Factor: 1.222)**

3. Pankaj Thakur, S. B. Singh, Jatinder Kaur, Elastic-plastic transitional stress in a thin rotating disc with shaft having variable thickness under steady state temperature, Kragujevac Journal of Science, UNIV KRAGUJEVAC, FAC SCIENCE, Vol. 36, pp. 5-17, 2014.

**(Zoological Record Thomson Master Journal List)**

4. Pankaj Thakur, Anupam Semwal, Steady state thermal stresses in thin circular disc by deformation with variable load for different materials by Concept of Seth's transition theory, Mathematical Sciences International Research Journal, International Science Press India, Vol. 3, Issue 1, 2014, pp. 421-426.

**(Index journal)**

**Years: 2013**

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1. Pankaj Thakur, Stresses in a thick-walled circular cylinder having Pressure by using concept of generalized strain measure, Kragujevac Journal of Science, UNIV KRAGUJEVAC, FAC SCIENCE, Vol. 35, pp. 41-48, 2013.  
(Zoological Record Thomson Master Journal List)
2. Pankaj Thakur, Analysis of Non-Homogeneity effect in a thin rotating disc with rigid shaft, International Journal for Technology of Plasticity, Versita, United Kingdom, Vol. 38, No. 2, pp. 96-102, 2013.  
(Scopus, Impact Factor: 0.21)
8. Pankaj Thakur, Effect of Stresses in a thin Rotating disk Loading Edge for different materials, International Journal for Technology of Plasticity, Versita, United Kingdom, Vol. 38, No. 1, pp. 30-41, 2013(Scopus, H Index: 1, Impact Factor: 0.21).  
(Scopus, Impact Factor: 0.21)
9. Pankaj Thakur, Jatinder kaur, S.B. Singh, Thickness variation parameter in thin rotating disc, FME Transaction, Vol. 41, No. 2, pp. 96-102, 2013.  
(Scopus, Impact Factor: 0.56)
10. Pankaj Thakur, Analysis of Stresses in a Thin Rotating Disc With Inclusion and Edge Loading, Scientific Technical review, Vol. 63, No. 3, pp. 9-16, 2013.  
(Serbian citation index, Impact Factor: 0.462)
11. Pankaj Thakur, Creep transitional stresses of Orthotropic Thick-Walled cylinder under combined axial Load under internal Pressure, Facta Universities Series: Mechanical engineering, Serbia, Vol. 11, No. 1, pp. 13-18, , 2013  
(ESCI, Scopus, Impact Factor: 0.41)
12. Pankaj Thakur, S. B. Singh, Jatinder Kaur Thakur, Elastic-Plastic Transitional Stresses in a Thin Rotating Disc With Shaft Having Variable Thickness Under Steady State Temperature, Structural Integrity and Life , Vol. 13, issue 2, pp. 109-116, 2013.  
(Scopus, Impact Factor: 0.14)
13. Pankaj Thakur, Satya Bir Singh, Transitional stresses analysis in thin Rotating Disc for different Materials, *Proceeding of International Conference on information and Mathematical Sciences*, Elsevier Science : Technology, pp. 427-430, 2013, ISBN: 9789351071624.  
(Indexed in: Scopus in Elsevier Science & Technology database)
14. Pankaj Thakur and Sandeep Kumar, Analysis of stresses in a Transversely Isotropic Thin Rotating Disc with rigid inclusion having variable density parameter, JSTP Open e-journal, Japan Society for Technology of plasticity, Vol. 9, No. 1, pp. 1-13, 2013.  
(Index journal)

### **Years: 2012**

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1. Pankaj Thakur, Stresses in a thin rotating disc of variable thickness with rigid shaft, International Journal for Technology of Plasticity, Versita, United Kingdom. Volume 37, Number 1, pp. 1-14, 2012.  
(Scopus, Impact Factor: 0.21)
2. Pankaj Thakur, Deformation in a thin Rotating Disc Having variable thickness and edge load with inclusion at the elastic-plastic transitional stress, Structural Integrity and Life ,

Vol. 12, Issue 1, 2012, pp. 65-70.

*(Scopus, Impact Factor: 0.14)*

3. Pankaj Thakur, Thermo creep transition stresses in a thick walled cylinder subjected to internal pressure, *Structural Integrity and Life* , Vol. 12, Issue 3 , pp. 165-173, 2012.

*(Scopus, Impact Factor: 0.14)*

4. Sanjeev Sharma, Pankaj Thakur, Manoj Sahani, Elastic-plastic deformation of a thin rotating disk of exponentially variable thickness with edge load and inclusion, *International Journal of Engineering*, Tome X, Fascicule 1, Romania, pp. 225-232, , 2012.

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#### **Abstract Published in Journals**

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2. Pankaj , Gaurav Sharma, Creep transition stresses in thick walled rotating cylinder by finitesimal deformation under steady state temperature, Indian Science Abstracts, National Institute of Science Communication and Information Resources (NISCAIR) , Vol. 47, No.2, 2011, pp. 001652 , ISSN: 0019-6339.

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4. Pankaj Thakur, Sita Ram Sharma, Numerically study stresses in a circular disc having variation of thickness and edge load, Proceeding International Conference on Mathematics & Engineering Sciences – 2014, organized by Chitkara University in Collaboration with International Multidisciplinary Research Foundation, March 20-22, pp. 56, ISBN 978-93-84124-02-1, 2014, 2014.

5. Pankaj Thakur, Anupam Semwal, Steady state thermal stresses in thin circular disc by deformation with variable load for different materials by Concept of Seth's transition theory, International conference mathematics & Engineering Science, India, 2014, March 20-22, pp. 58, ISBN 978-93-84124-02-1, 2014.

6. Pankaj Thakur, S.B. Singh, Jatinder Kaur, Mathematical Model in a thin Non-Homogeneous Rotating disc for isotropic material with Shaft by using Seth's Transition theory, International conference mathematics & Engineering Science, India, 2014, March 20-22, pp. 57, ISBN 978-93-84124-02-12014.

7. Pankaj Thakur & Poonam Clair, Thermo elastic-plastic transition in a thin rotating disc with inclusion, National Conference on Mechanism Science and Technologies: from Theory to Applications in Mechanical Engineering Department-NCMSTA'08 w.e.f. Nov. 13-14, Hamirpur, India, 2008, pp. 25.

8. Pankaj Thakur, Transition Stresses in a Disc Having Variable Thickness and Poisson's Ratio subjected to Internal Pressure, International conference on Advances in Modeling, optimization and Computing (AMOC-2011),Dec. 5-7, 2011, p. 38, Department of Mathematics, Indian Institute of Technology Roorkee, Sponsored by UGC & NBHM .

9. Pankaj Thakur, Elastic-Plastic Transitional Stresses in a Thin Rotating Disc with Loading Edge, International conference on Advances in Modeling, optimization and Computing (AMOC-2011),Dec. 5-7, 2011, p. 38 , Department of Mathematics, Indian Institute of Technology Roorkee, Sponsored by UGC, Roorkee-247 667 (U.K.), India .

10. Pankaj Thakur, Elastic-Plastic Transition stresses in a Thin Rotating Disc with Inclusion under steady state Temperature for different material, National Conference on Materials Science, DAV College Jalandhar, 3-4 March 2012, pp. 30, Sponsored by UGC, DBT & DST.
11. Pankaj and Sonia. R.B., Creep Transition in a Thin Rotating Disc having variable density with Inclusion, (*XXVIII-WASET Conference Rome, Italy, April 25-27, 2008*), *Proceeding of World Academy of Science, Engineering and Technology, Rome, Italy*, Vol. 38, April 2008, pp. 33-42, *ISSN*: 0976 – 5697.
12. Pankaj and Sonia. R.B., Elastic-Plastic Transition in a Thin Rotating Disc with inclusion, (*XXVIII-WASET Conference Rome, Italy, April 25-27, 2008*), *Proceeding of World Academy of Science, Engineering and Technology, Rome, Italy, Vol. 38, April 2008*, pp. 43-47, *ISSN*: 0976 - 5697.
13. Pankaj Thakur, Sita Ram Sharma, Numerically study stresses in a circular disc having variation of thickness and edge load, *Proceeding International Conference on Mathematics & Engineering Sciences – 2014*, Organized by Chitkara University in Collaboration with International Multidisciplinary Research Foundation, March 20-22, pp. 56, ISBN 978-93-84124-02-1, 2014, 2014.
14. Pankaj Thakur, Anupam Semwal, Steady state thermal stresses in thin circular disc by deformation with variable load for different materials by Concept of Seth's transition theory, *International conference mathematics & Engineering Science, 2014*, March 20-22, pp. 58, ISBN 978-93-84124-02-1, 2014, H.P. India.
15. Pankaj Thakur, S.B. Singh, Jatinder Kaur, Mathematical Model in a thin Non-Homogeneous Rotating disc for isotropic material with Shaft by using Seth's Transition theory, *International conference mathematics & Engineering Science, 2014*, March 20-22, pp. 57, ISBN 978-93-84124-02-12014, H.P. India.
16. **Pankaj Thakur & Poonam Clair**, Thermo elastic-plastic transition in a thin rotating disc with inclusion, *National Conference on Mechanism Science and Technologies: from Theory to Applications in Mechanical Engineering Department-NCMSTA'08 w.e.f. Nov. 13-14, Hamirpur, India, 2008*, pp. 25.
17. **Pankaj Thakur**, Transition Stresses in a Disc Having Variable Thickness and Poisson's Ratio subjected to Internal Pressure, *Oral Presentation, International conference on Advances in Modeling, optimization and Computing (AMOC-2011), Dec. 5-7, 2011, Department of Mathematics, Indian Institute of Technology Roorkee, Roorkee-247 667 (U.K.), pp38, India*.
18. **Pankaj Thakur**, Elastic-plastic transition stresses in a thin rotating disc with shaft under steady-state temperature for different material, *National Conference on Material Science Feb. 2-3, 2012, DAV College Jalandhar, Punjab, pp 30*.
19. **Pankaj Thakur** and Pankaj, Elastic-Plastic Transitional Stresses in a Thin Rotating Disc with Loading Edge, *Proceeding of International conference on Advances in Modeling, optimization and Computing (AMOC-2011), Department of Mathematics, Indian Institute of Technology Roorkee, Roorkee, Dec. 5-7, 2011, pp 38*.

**Research Papers Presented**  
**(Oral Presentation/Poster Presentation)** \_\_\_\_\_



1. **Pankaj Thakur**, Sita Ram Sharma, Numerically study stresses in a circular disc having variation of thickness and edge load, oral presentation, International Conference On Mathematics & Engineering Sciences – 2014, Organized by Chitkara University in Collaboration with International Multidisciplinary Research Foundation, March 20-22, 2014, 2014.
2. **Pankaj Thakur**, Thermo Elastic-plastic Transitional Stresses in A Thin Rotating Disc With Loading Edge, oral presentation at the third Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS 2012)during December 5-8, 2012 being hosted by Indian Institute of Technology Delhi, INDIA.
3. **Pankaj Thakur**, Transition Stresses in a Disc Having Variable Thickness and Poisson's Ratio subjected to Internal Pressure, Oral Presentation, International conference on Advances in Modeling, optimization and Computing (AMOC-2011),Dec. 5-7, 2011, Department of Mathematics, Indian Institute of Technology Roorkee, Sponsored by UGC & NBHM .
4. **Pankaj Thakur**, Elastic-Plastic Transitional Stresses in a Thin Rotating Disc with Loading Edge, International conference on Advances in Modeling, optimization and Computing (AMOC-2011),Dec. 5-7, 2011, Department of Mathematics, Indian Institute of Technology Roorkee, Sponsored by UGC, Roorkee-247 667 (U.K.), India .
5. **Pankaj Thakur**, poster presentation "Elastic-Plastic Transition stresses in a Thin Rotating Disc with Inclusion under steady state Temperature for different material" for National Conference on Materials Science, DAV College Jalandhar, 3-4 March 2012, Sponsored by UGC, DBT & DST.
6. **Pankaj Thakur** , Analysis of elastic-plastic stresses in a thin rotating disc of variable thickness by finitesimal deformation with rigid shaft, National conference on Emerging Trends in Mathematics & Its Applications Sponsored by UGC, 4-7 Feb. 2012.
7. **Published** Abstract National Conference on Mechanism Science and Technologies: from Theory to Applications in Mechanical Engineering Department-NCMSTA'08 w.e.f. Nov. 13-14, Hamirpur, Sponsored by UGC India.2008, pp. 10.
8. **Pankaj Thakur**, Accepted abstract Thermo Elastic-Plastic Transition stresses in a Thin Rotating Disc with shaft by finitesimal deformation under steady state Temperature for different material, National Seminar on experimental and computational technique in material science 31, March 2012, Department of Physics, H.P.U. Shimla.
9. **Pankaj Thakur**, Analysis of elastic-plastic stresses in a thin rotating disc of variable thickness rigid shaft, National conference Algebra, Department of Mathematic, H.P.U. Shimla, Sponsored by UGC, 27-28 March 2012.

### **Books Published**

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1. **Pankaj Thakur, Satya Bir Singh**, Problem in Elastic-Plastic and Creep Transitional Stresses in Disc, *Springer Publisher, Germany* 2016 (in a press for publication).
2. **Dr Pankaj**, Some problem in Elastic –plastic and Creep transition stresses in Mechanical Engineering, LAP Publication Germany, 2010, **ISBN: 978-3-8383-8985-1**, pp. 1-105.
3. **Dr Pankaj**, Cylindrical and spherical Problems in Mechanical Engineering, VDM publication, Germany, 2010, **ISBN: 978-3-639-28629-8**, pp. 1-45.

4. **Pankaj Thakur**, Thermal Stresses Problems in Mechanical Engineering, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-8464-3648-3, pp.1-96, 2011.
5. **Pankaj Thakur**, Research Problems in Mechanical Engineering, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-8465-5127-1, pp.1-85, 2012.
6. **Pankaj Thakur**, Research Problems in Rotating Disc, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-8484-2112-1, pp.1-85, 2012.
7. **Pankaj Thakur**, Edited books Numerical Analysis and Computer Programming, Eagle's Parakshan, ISBN: 978-93-82369-43-1, 2013.

#### **Invited Lectures / Chairmanships at National/ International Conference/Seminar/Faculty Development Programme**

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1. **Invited as Key Resource Person** on topic Advanced Mathematics: Its Implications in Modern Era, National Seminar on “Advanced Mathematics: Its Implications in Modern Era”, UGC Sponsored, 25<sup>th</sup> February, 2012.
2. **Invited as Key Resource Person (Guest Lecturer)** on topic Use Mathematical Modelling in Mechanical Engineering Application, Faculty Development Program, Rayat Bhara Institute of Engineering and Nano-technology, Hoshiarpur, Punjab, Sponsored by Punjab Technical University Jalandhar, 18-22 June 2012

**Computer Knowledge:** Basic knowledge in M.S. word and Excel, graphical programming.

**Teaching Experience:** Ten years.

**Research Experience:** Twelve Years .



#### **Particular of Employment**

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1. Research/ Teaching Fellow, (2 Yrs.), Department of Chemistry, H.P.U. Shimla, June 2002- Dec. 2002, June 2003- Dec. 2003, June 2004- Dec. 2004, June 2005- Dec. 2005.
2. Lecturer, (2 Yrs.), R.K.M.V. Shimla, Jan. 2006- Dec. 2007.
3. Assistant Prof., (1 Yrs), I.I.T.T College of Engineering Punjab, Jan. 2008- Dec. 2008.
4. Sr. Lecturer, (6 months ), L.P.U. Jalandhar, Jan. 2009- June 2009.
5. Assistant Prof. & HOD (2.1 Yrs), MIT College of Engineering Hamirpur, 1 July 2009 to 20, July 2011.
6. Sr. Assistant Professor (2 Years and 03 Months, Indus International University, Una, H.P., 1 Aug. 2011 to 08 Nov. 2013.
7. Associate Professor on 09 No. 2013 to 11 Aug., 2016 IEC University Baddi Solan, Himachal Pradesh.
8. Working as Associate Professor on 12 Aug., 2016 to till date ICHAI University Baddi Solan, Himachal Pradesh.

#### **Administration Responsibility**

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-  Head, Department of Applied Mathematics, July 2009 – Aug 1, 2011( MIT college of Engineering and management Bani, Hamirpur, Himachal Pradesh).
-  Departmental In charge (Head) & Research Coordinator, Department of Mathematics,

Indus Applied Mathematics, 1 Aug., 2011 to 08 Nov. 2013.

- ✚ Dean Research and Development Department, August 2013 to Nov. 08, 2013 at Indus International University Una, Himachal Pradesh.
- ✚ Head Research and Development Cell & Head Department of Mathematics, IEC University Nov. 09, 2013 to 11, Aug., 2016.
- ✚ Associate Professor, Faculty of Science and technology, ICFAI University baddi, 12, Aug., 2016 to till date.

### Short term course

S No	Course Title	Duration	Organizing Institute	Dates
1	Orientation Programs for Technical Teachers	1 Week	NIT Hamirpur	June 29- July 3, 2009
2	VLSI Design and Optimization	1 Week	NIT Hamirpur	July 6-July 10, 2009
3	Application in Engineering in MATLAB	1 Week	NIT Hamirpur	Dec.18- Dec. 22, 2009
4	Laser Technology	1 week	NITTTR Chandigarh	16 Jan. 2012 to 20, Jan. 2012

### Associate Editors/Editor/Editorial Board Member International/National Journals

- ✚ Editor Open Science Journal of Mathematics and Application.
- ✚ Editor American Journal of Mechanical Engineering and Automation.
- ✚ Editor in Continental Journal of applied Science, Nigeria, ISSN: 1597-894X.
- ✚ Editorial Board member in WASET Scientific and Technical Committee on Natural and Applied Science.
- ✚ Editorial Board member in IST Press (A world of Sharing Science) and Reviewers, Canada.
- ✚ Editorial Board member in HiPEAC European Network of Excellence on High Performance and Embedded Architecture and Compilation, Europe.
- ✚ Editorial Board member of Scientific Journals International, USA.
- ✚ Member in International Association of Computer Science and Information Technology (IACSIT) Singapore.
- ✚ Editorial board Member of African Journal of Biotechnology.
- ✚ Editorial Board member International Journal of Mechanics and Solids (IJMS) India, ISSN: 0973-1881.
- ✚ Editorial Board member International Journal of Mechanics and Thermodynamic (IJMT) India, ISSN 2278-361X.
- ✚ Editorial Board member International Journal of Advanced Mechanical Engineering (IJAME) India, ISSN No. 2250 - 3234.
- ✚ Editorial board member of Research Bulletin of the Australian Institute of High Energetic Materials, Australia.
- ✚ Editorial Board member Advances in Applied Computational Mechanics (AACM) India,

ISSN 2249-4278.

- ✚ Editorial Board member Scientific Journal of Environment Sciences.
- ✚ Editorial Board member International Journal of Agriculture Innovations and Research, India, ISSN : 2319-1473
- ✚ Editorial Board member in International Journal of Applied and Natural Sciences ( IJANS ), India, ISSN (Print): 2319-4014, ISSN(online): 2319-4022.
- ✚ Editorial Board member in Journal of Mathematics and Science (JMS ), India.
- ✚ Editorial Board member in International Journal of Applied Mathematics & Statistical Sciences (IJAMMS), India, ISSN(Print): 2319-3980, ISSN (online): 2319-3980.
- ✚ Editor in journal of Chemical, Biological and physical Science(JCBPS),India E-ISSN: 2249-1929
- ✚ Senior Member of Universal Association of Computer and Electronics Engineers, Australia, Membership no. (SNM1002964), 2012.
- ✚ Advisory board member Bioinfo Mechanical engineering Journal, India, ISSN : 2277-3738 & E-ISSN : 2277-3746 , Membership No: 240137F18A.
- ✚ Guest editor International Journal of Mechanical Engineering (IJME), Volume 2, Issue 9, 2012, ISSN: 2277-7059.
- ✚ Editorial board member British Journal of Engineering & Technology, United kingdom, ISSN: 2326-425X.
- ✚ Invited as Editor in Chief Pacific-Journal of Mathematical Science (PJMS) (Starts Jan. 2013)
- ✚ Editorial board member/Reviewer Board member Journal of contemporary issues in Business Research(JCIBR), Pakistan, ISSN 2305-8277.
- ✚ Member in Ph. D. Committee, Indus International University Bathu, Una, Himachal Pradesh, India.
- ✚ Editorial Board member IRED (Institute of Research Engineers and Doctors) Journals, Australia.
- ✚ Editorial board member Asian Journal of Applied Science and Engineering (AJASE), Bangladesh, ISSN 2305-915X.
- ✚ Editorial board member Asian Academic Research Associate, Asia, ISSN: 2278-859X (Online), ISSN: 2319-2801 (Online) .
- ✚ Editorial Board member Academia Journal of Scientific Research (AJSR), England, ISSN 2315-7712.
- ✚ Editorial Board member of American Journal of Engineering Science and Technology Research (AJESTR), USA.  
(<http://www.ajestr.com/Editorial%20Board.php>)
- ✚ Editorial Board member International Journal of Agriculture Innovations and research, ISSN: 2319-1473.
- ✚ Editorial Board member in International Journal of Humanities and Management Sciences (IJHMS), ISSN 2320 –4036 (Printed Version) ISSN 2320 –4044 (Online Version).
- ✚ Member in International Journal of Applied and Natural Sciences ( IJANS ) India, **ISSN(Print):** 2319-4014 ; **ISSN(Online):** 2319-4022.
- ✚ Associate Editor, International Journal of Mechanics and Thermodynamics, **ISSN 2278-361X.**
- ✚ Editorial Board member Scientific Journal of Agriculture

- # Editorial Board member Scientific Journal of Review
- # Editorial Board member Scientific Journal of Nanoscience Scientific Journal of Astronomy
- # Editorial Board member Scientific Journal of Civil Engineering & Architecture
- # Editorial Board member Scientific Journal of Computer Engineering
- # Editorial Board member Scientific Journal of Earth Science
- # Editorial Board member Scientific Journal of Pure & Applied
- # Editorial Board member in Transstellar Journal Publications & Research Scientific
- # Editorial Board member Journal of Education Scientific Journal of Engineering
- # Editorial Board member Scientific Journal of Material Science
- # Editorial Board member Scientific Journal of Mathematics & Statistics
- # Editorial Board member Scientific Journal of Physics , India.
- # Editorial Board member Wyno Academic Journal of Physical sciences, Feb. 2013.  
([http://www.wynoacademicjournals.org/editors\\_phy.html](http://www.wynoacademicjournals.org/editors_phy.html))
- # Editorial Board member Wyno Academic Journal of Engineering and Technology Research, Feb. 2013.  
([http://www.wynoacademicjournals.org/editors\\_engineering.html](http://www.wynoacademicjournals.org/editors_engineering.html))
- # Editorial Board member International Journal of Mathematics and Engineering Research (IJMER).
- # Editorial Board member Engineering and technology research, Feb. 2013.
- # Appointment as Editor of Journal Of Engineering Research & Publication Centre (JERPC).  
(<http://jetpublishing.org/ERPC/board.html>)
- # Consulting Editors in ABC Journal of Advanced Research (ABC JAR)  
(<http://abcjar.weebly.com/editorial-board.html>).
- # Editorial Board member Global Open Journal of Applied Engineering Research, Science and Technology Publishing, NY, USA.  
<http://www.scitecpub.com/Global%20Open%20Journal%20of%20Applied%20Engineering%20Research/Editorial%20Board.php>)
- # Editorial Board member Research Open Journal of Mechanical Engineering, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Mechanical%20Engineering/Editorial%20Board.php>)
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- # Editorial Board member Research Open Journal of Mechanical Engineering, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Mechanical%20Engineering/Editorial%20Board.php>).
- # Editorial Board member World Journal of Mathematical Modeling and Applied Computing, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/World%20Journal%20of%20Mathematical%20Modeling%20and%20Applied%20Computing/Editorial%20Board.php>)

- ✦ Editorial Board member Research Open Journal of Chemical Engineering and Materials Science, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Chemical%20Engineering%20and%20Materials%20Science/Editorial%20Board.php>)
- ✦ Editorial Board member Research Open Journal of Engineering Studies, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Engineering%20Studies/Editorial%20Board.php>)
- ✦ Editorial Board member World Open Journal of Computer Engineering Research, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/World%20Open%20Journal%20of%20Computer%20Engineering%20Research/Editorial%20Board.php>)
- ✦ Editorial Board member Open Research Journal of Industrial & Production Engineering, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Open%20Research%20Journal%20of%20Industrial%20&%20Production%20Engineering/Editorial%20Board.php>)
- ✦ Editorial Board member International Research Open Journal of Advanced Mechanics, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/International%20Research%20Open%20Journal%20of%20Advanced%20Mechanics/Editorial%20Board.php>)
- ✦ Editorial Board member Research Open Journal of Advanced Mathematics and Physics, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Advanced%20Mathematics%20and%20Physics/Editorial%20Board.php>)
- ✦ Editorial Board member Global Open Research Journal of Mathematics, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Global%20Open%20Research%20Journal%20of%20Mathematics/Editorial%20Board.php>)
- ✦ Editorial Board member Open Research Journal of Fluid Dynamics, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Open%20Research%20Journal%20of%20Fluid%20Dynamics/Editorial%20Board.php>)
- ✦ Editorial Board member Research Open Journal of Composite Materials, Science and Technology Publishing, NY, USA.  
(<http://www.scitecpub.com/Research%20Open%20Journal%20of%20Composite%20Materials/Editorial%20Board.php>)
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- ✦ Coordinator Research and development cell, *IEC University Badii*, Solan, Himachal Pradesh, India, Nov. 2013 to Aug., 2016.
- ✦ Member in Research Degree committee *Mahatma Gandhi university Meghalaya*.
- ✦ Advisor member *Mahatma Gandhi university Meghalaya* for M.Phil./Ph.D. Degree Courses.
- ✦ Appointed as external examination for B.Tech. Practical and Viva –Voce examination May, 2013, Himachal institute of engineering and Technology, Himachal Pradesh Technical University, Hamirpur.
- ✦ Member of Academic counsel *IEC University, Nov. 2013-2016*.

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- ✦ Reviewers in Journal of portugaliae electro-chimica acta.
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1	Thermo elastic-plastic transition in a thin rotating disc with inclusion, Thermal Science 11 (1), 103-118 ( <i>Pankaj Thakur, S.K. Gupta</i> )	43	13
2	Creep transition in a thin rotating disc with rigid inclusion, Defence Science Journal 57 (2), 185( <i>Pankaj Thakur, S.K. Gupta</i> )	35	13
3	Elastic-plastic transition stresses in a thin rotating disc with rigid inclusion by infinitesimal deformation under steady-state temperature, Thermal Science 14 (1), 209-219( <i>Pankaj Thakur</i> )	24	6
4	Elastic-plastic transition stresses in rotating cylinder by finite deformation under steady-state temperature, Thermal Science 15 (2), 537( <i>Pankaj Thakur</i> )	23	6
5	Creep transition in an isotropic disc having variable thickness subjected to internal pressure, PROCEEDINGS-NATIONAL ACADEMY OF SCIENCES INDIA SECTION A 78 (1), 57 ( <i>Pankaj Thakur, S.K. Gupta</i> )	24	4
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9	Creep Transition stresses of a Thick isotropic spherical shell by finitesimal deformation under steady state of temperature and internal pressure, Thermal science( <i>Pankaj Thakur</i> )	19	5

### Research Projects Details

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Name: Dr. Pankaj

**Role:** (Co-Investigator)

**Funding Agencies:** UGC

**Scheme:** Major Research Project

**Topic:** Elastic-plastic and creep analysis problems in disc

**File Number:** MRP-MAJOR-MATH-2013-41603

**Approved:** 12, 45, 000 Rs

**Duration:** Three Years.

**Starts:** 24/09/2015 to 24/09/2018

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