SUSHANT G GHOSH

C U R R I C U L U M V I T A E (ABRIDGED)

CURRENT APPOINTMENTS:

Professor,Centre for Theoretical Physics,), Jamia Millia Islamia, New Delhi – 110 025; Email:- sghosh2@jmi.ac.in, sgghosh@gmail.com Telephone:-+91-11-26984830 EXT 25 [W]; +91-129 4080101 [H] +91-9971348628 [Mobile]

- **Director (Research**), Jamia Millia Islamia, New Delhi
- **Director**, Multidisiplinary Centre for Advanced Research and Studies, Jamia Millia Islamia
- **Visiting Associate**, Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune (Since July 2001).
- **Honorary Professor**, College of Agriculture and Engineering, School of Mathematics, Statistics and Computer Science, UKZN from 2013-2016, 2016-18

QUALIFICATIONS:

- **M.Sc.** (1986), M. Phi. (1988) , Nagpur University , Nagpur - India
- **Ph.D.** (1996), Nagpur University , Nagpur - India
- **Post-Doctoral Fellow**:-University of Zululand, Department of Mathematics & Computer Science, RSA

PREVIOUS POSTS HELD:

- **Professor:** Since 7/2009, Centre for Theoretical Physics,Jamia Millia Islamia – New Delhi, INDIA
- **Associate Professor** 12/2003 – 7/2009, BITS, Pilani **- DUBAI, UAE**
  Reader 3/2000 – 12/2003, Science College, Congress Nagar-Nagpur**, INDIA**
- **Head**: Computer Science Department Science College, Congress Nagar – Nagpur (July 1989-Oct 1995)**Sr. Lecturer** 3/1995 – 3/2000, Science College, Congress Nagar-Nagpur, Nagpur, INDIA

ADMINISTARTIVE EXPERIENCE

- **Head**: Computer Science Department Science College, Congress Nagar – Nagpur (July 1989-Oct 1995)
- **NAAC, Coordinator of the College which got five star.**
- **NAAC, Core Committee Member for JMI – JMI got A grade by NAAC**
- **Nodal Officer, Visvesvaraya Ph.D. Program for JMI of DEIT, Government of India**
- Coordinator, Grading (2004 – 08), BITS, Pilani - **DUBAI, UAE**
- **Joint Director (Research) , JMI since March 2015-**
- **Officiating Director (several occasions when Director, CTP is on leave; Almost 2 years),** Centre for Theoretical Physics,JamiaMilliaIslamia – New Delhi, INDIA

HONOURS AND AWARDS

- **Member, Indian Delegation first forum of BRICS Network University, Russia**
- **President of India Award for Research (2015)**
- **Honorary Professor, College of Agriculture and Engineering, School of Mathematics, Statistics and Computer Science, UKZN from 2013-2016, 2016-18.**
- **Member, ITUN Research Network Funded by ICTP, Italy**
- **Visiting Scientist, ACRU, UKZN, Durban RSA January - March, 2012.**
- **Visiting Scientist, ACRU, UKZN, Durban RSA August - October, 2013**
- **Visiting Scientist, ACRU, UKZN, Durban RSA May - July, 2014**

RESEARCH INTERESTS/EXPERTISE:GRAVITATIONAL COLLAPSE,SPINNING BLACK HOLES, EXACT SOLUTIONS, BLACK HOLE SHADOW, CAUSAL STRUCTURE OF SINGULARITIES, RELATIVISTIC STARS, MODIFIED THEORIES, GENERAL RELATIVITY

PH.D. / PROJECT SUPERVISION:-**Three** Ph.D.candidates(Awarded) at NagpurUniversity, Nagpur; **two submitted**at JMI; currently: 6 candidates working Masters / B. Tech Projects supervised; INSA summer fellows

RESEARCH GRANTS AND FELLOWSHIP

- **INDO-SOUTH AFRICA BY DST**, GOVERNMENT OF INDIA
- GIAN COURSE – MHRD GOVT OF INDIA – US $ 12,000
- Research Grants, SERB-DST, New Delhi - SB/S2/HEP-006/2014 (2014), 35 Lakhs
- Research Grants, University Grants Commission, New Delhi – MRP F. NO. 39-459/2011.
- **ITUN-NET-76 RESEARCH PROJECT – BY ICTP ITALY 2013**
- **ITUN-NET-76 RESEARCH PROJECT – BY ICTP ITALY 2014**
- **ITUN-NET-76 RESEARCH PROJECT – BY ICTP ITALY 2015**
- Teachers Fellowship, Faculty Improvement Programme Unversity Grants Commision, New Delhi
- Research Grants, University Grants Commission, MRP No.F.23-144/97(WRO), (1997)
- Research Grants, University Grants Commission, PUNE – MRP No.F.23-118/2001.
- **Visiting Scientist, ACRU University of Kwa-Zulu-Natal, Durban RSA Jan - Mar, 2012.**
- **Visiting Scientist, ACRU, University of Kwa-Zulu-Natal, Durban RSA Aug - Oct, 2013**
- **Visiting Scientist, ACRU, University of Kwa-Zulu-Natal, Durban RSA May - July, 2014**
- **Visiting Scientist, ACRU, Kwa-Zulu-Natal, Durban, South Africa 05/07/2015 -- 03/09/2015.**
- **Visiting Fellowship: Department of Mathematics, University of Zululand, RSA (Sep-Nov 1996, Jul-Aug'97, and May-August.'2001).**
- **Post Doctoral Fellowship: Department of Mathematics, University of Zululand, RSA (Aug'98-Aug'99).**

PROJECT/GRANT PROPOSAL PREPARED FOR UNIVESITY(Only Main)

1. COLLEGE WITH POTENTAILS WITH EXCELLENCE PREPARED FOR SCIENCE COLLEGE, NAGPUR – COLLEGE GOT MORE THAN 3 CRORE
2. PROJECT PREPARED and Defended forVisvesvaraya Ph.D. scheme of Deity, Government of India-University got 55 fellowship worth several crores
3. Project Prepared for School of Education under PMMMNMTT, MHRD, Government of India – University 9.5 crores
4. Project Prepared for DONER, , Government of India – University got 5 crores

ACADEMIC VISITS/FELLOWSHIPS (International) (LAST 5 YEARS)

- Member Indian Delegation, **, Indian Delegation first forum of BRICS Network University** Ural Federal University, Ekaterinburg, Russia April 06-10, 2016
- Visiting Scientist , The Institute for Fundamental Study, Thailand 18/12/2015-30/12/2015
- Visiting Scientist, University of KwaZulu-Natal, Durban, South Africa 05/07/2015-05/09/2015
- Visiting Scientist , The Institute for Fundamental Study, Thailand 07/01/2015 21/07/2015
- University of the Western Cape, Cape Town, South Africa 04/07/ 2014
- Visiting Scientist, University of KwaZulu-Natal, Durban, South Africa 10/05/2014 –29/ 07/2014.
- Visiting Scientist,Ulugh Beg Astronomical Institute, Tashkent, Uzbekistan 10/11/ 2014 -- 21/11/ 2014.
- Institute of Nuclear Physics, Tashkent, Uzbekistan 11/11/2014.
- Visiting Scientist,University of Kwa-Zulu-Natal, Durban, South Africa 08/2013 --10/ 2013.
- University of Forte Hare, Alice, South Africa, 20/09/2013 --21/09/2013
- Rhodes University, Grahamstown, South Africa, 22/09/2013 --23/09/ 2013
- BITS, Pilani - Dubai campus, UAE 28/10/2013 --29/10/ 2013
- Visiting Scientist , Institute of Nuclear Physics, Tashkent, Uzbekistan 15/11/ 2013 – 28/11/2013
- Ulugh Beg Astronomical Institute, Tashkent, Uzbekistan 11/ 2013
- University of Kwa-Zulu-Natal, Durban, south Africa 01/ 2012 -- 03/ 2012

- WITS University, Johannesburg, South Africa23/01/2012 -- 25/01/ 2012
- Durban University of Technology, Durban, South Africa06/03/ 2012
- University of Zululand, Kwadalegwa, South Africa 16/03/2012

MEMBER OF PROFESSIONAL BODIES

- Life Member, Indian National Science Congress, Calcutta.
- Life Member, Indian Mathematical Society, New Delhi.
- Life Member, Indian Association of General Relativity and Gravitation, Pune (Council Member 2004-08).
- Life Member, South African Gravitational Society, RSA

PEER REVIEW FOR SCHOLARLY JOURNALS

- Physical Review D, General Relativity Gravitation, International Journal of Modern Physics D
- International Journal of Modern Physics A, Modern Physics Letter A
- Pramana J Phys, Astrophysics Space Science, International Journal of Modern Physics D

COURSES TAUGHT UPON INCLUDE:

Mathematical Physics – I and II, Real Analysis Advanced Differential & Integral Calculus, Linear Algebra &Theory Of Complex Variables, ODE, PDE, Laplace Transform Fourier Series & Special Function, Probability And Statistics, Discrete Structure For Computer Science, Numerical Analysis, Classical Mechanics, Basic & Fortran Programming. Dynamics of Particle & Rigid Dynamics, Theory Of Complex Variables, Special Functions, Differential & Integral Calculus, Group Theory & Linear Algebra, Operations Research

SCHOLARLY PEER-REVIEWED ARTICLES IN REFEREED JOURNALS: Please click (Only Important)

http://inspirehep.net/search?ln=en&p=find+a+ghosh%2C+s.+g.&of=hb&action_search=Search

1. Shadow of rotating regular black holes
   By Ahmadjon Abdujabbarov, Muhammed Amir, Bobomurat Ahmedov, Sushant G. Ghosh. arXiv:1604.03809 [gr-qc].
   10.1103/PhysRevD.93.104004.
   Phys.Rev. D93 (2016) no.10, 104004.
2. Shapes of rotating nonsingular black hole shadows
   By Muhammed Amir, Sushant G. Ghosh.
   arXiv:1603.06382 [gr-qc]. Accepted in PRD.
3. Rotating black hole and quintessence
   By Sushant G. Ghosh.
   arXiv:1512.05476 [gr-qc].
   10.1140/epjc/s10052-016-4051-7.
   Eur.Phys.J. C76 (2016) no.4, 222.
4. Lovelock black hole thermodynamics in a string cloud model
   By Tae-Hun Lee, Sushant G. Ghosh, Sunil D. Maharaj, DharmanandBaboolal.
   arXiv:1511.03976 [gr-qc]. Under Review
5. A class of black holes in dRGT massive gravity and their thermodynamical properties
   By Sushant G. Ghosh, LunchakornTannukij, PitayuthWongjun.
   arXiv:1506.07119 [gr-qc].10.1140/epjc/s10052-016-3943-x
   European Physical Journal C, 76(3), 1-15 (2016).
6. Horizon structure of rotating Bardeen black hole and particle acceleration
   By Sushant G. Ghosh, Muhammed Amir.
   arXiv:1506.04382 [gr-qc].

10.1140/epjc/s10052-015-3786-x.
Eur.Phys.J. C75 (2015) 11, 553.
7. Horizon structure of rotating Einstein-Born-Infeld black holes and shadow
By FarruhAtamurotov, Sushant G. Ghosh, BobomuratAhmedov.
arXiv:1506.03690 [gr-qc]. Under Review
8. Rotating Hayward's regular black hole as particle accelerator
By Muhammed Amir, Sushant G. Ghosh.
arXiv:1503.08553 [gr-qc].
10.1007/JHEP07(2015)015.
JHEP 1507 (2015) 015.
9. Radiating Kerr-like regular black hole
By Sushant G. Ghosh, Sunil D. Maharaj.
arXiv:1410.4043 [gr-qc].
10.1140/epjc/s10052-014-3222-7.
Eur.Phys.J. C75 (2015) 7.
10. Lovelock black holes in a string cloud background
By Tae-Hun Lee, DharmanandBaboolal, Sushant G. Ghosh.
arXiv:1409.2615 [gr-qc].
10.1140/epjc/s10052-015-3515-5.
Eur.Phys.J. C75 (2015) 7, 297.
11. A nonsingular rotating black hole
By Sushant G. Ghosh.
arXiv:1408.5668 [gr-qc].
10.1140/epjc/s10052-015-3740-y.
Eur.Phys.J. C75 (2015) 11, 532.
12. Rotating Ayón-Beato-García black hole as a particle accelerator
By Sushant G. Ghosh, Pankaj Sheoran, Muhammed Amir.
arXiv:1410.5588 [gr-qc].10.1103/PhysRevD.90.103006.
Phys.Rev. D90 (2014) 10, 103006.
13. Cloud of strings for radiating black holes in Lovelock gravity
By Sushant G. Ghosh, Sunil D. Maharaj.arXiv:1409.7874 [gr-qc].
Phys.Rev. D89 (2014) 084027.
14. Accretion onto a black hole in a string cloud background
By ApratimGanguly, Sushant G. Ghosh, Sunil D. Maharaj.
arXiv:1409.7872 [gr-qc].10.1103/PhysRevD.90.064037.
Phys.Rev. D90 (2014) 6, 064037.
15. Collapsing spherical stars in f(R) gravity
By RituparnoGoswami, Anne Marie Nzioki, Sunil. D. Maharaj, Sushant G. Ghosh.arXiv:1409.2371 [gr-qc].10.1103/PhysRevD.90.084011.
Phys.Rev. D90 (2014) 084011.
16. Clouds of strings in third-order Lovelock gravity
Sushant G. Ghosh, Uma Papnoi, Sunil D. Maharaj.
10.1103/PhysRevD.90.044068.***Phys. Rev. D*** 90, 044068 (2014).
17. Shadow of five-dimensional rotating Myers-Perry black hole
Uma Papnoi, Farruh Atamurotov, Sushant G. Ghosh, Bobomurat Ahmedov.
10.1103/PhysRevD.90.024073.**Phys. Rev. D** 90, 024073 (2014)
18. Accretion onto a higher dimensional black hole
Anslyn J. John, Sushant G. Ghosh, Sunil D. Maharaj
10.1103/PhysRevD.88.104005.**Phys.Rev. D88** (2013) 10, 104005.
19. Higher dimensional non-Kerr black hole and energy extraction
Sushant G. Ghosh, Pankaj Sheoran.
10.1103/PhysRevD.89.024023. **Phys.Rev. D89** (2014) 024023.
20. Bound orbits and gravitational theory
Naresh Dadhich, Sushant G. Ghosh, Sanjay Jhingan.
10.1103/PhysRevD.88.124040.**Phys. Rev. D 88**, (2013) 124040.
21. Gravitational collapse in pure Lovelock gravity in higher dimensions
Naresh Dadhich, Sushant G. Ghosh, Sanjay Jhingan.
10.1103/PhysRevD.88.084024.**Phys.Rev. D88** (2013) 084024.
22. Radiating Kerr-Newman black hole in $f(R)$ gravity
Sushant G. Ghosh, Sunil D. Maharaj and Uma Papnoi.
10.1140/epjc/s10052-013-2473-z.Eur. Phys. J. C (2013) 73:2473

23. Gravitational collapse of null dust in f(R) gravity,
    Sushant G. Ghosh and Sunil D. Maharaj.
    10.1103/PhysRevD.85.124064. ***Phys. Rev. D* 85,** 124064 (2012)
24. The Lovelock gravity in the critical spacetime dimension,Naresh Dadhich, Sushant G. Ghosh, Sanjay Jhingan.10.1016/j.physletb.2012.03.084. ***Phys. Lett. B* 711**, 196-198 (2012).
25. Nonstatic charged BTZ-like black holes in N+1 dimensions.
    Sushant G. Ghosh10.1142/S0218271812500228. ***Int. J. Mod. Phys. D* 21**, 1250022 (2012)
26. 5D Radiating black holes in Einstein-Yang-Mills-Gauss-Bonnet gravity.
    Sushant G. Ghosh.10.1016/j.physletb.2011.08.066.**Phys.Lett.B**704:5-9,2011
27. Gravitating magnetic monopole in Vaidya geometry.
    Sushant G. Ghosh & L.P.
    Singh. 10.1103/PhysRevD.83.067501.**Phys.Rev.D**83:067501,2011.
28. Radiating black holes in Einstein-Yang-Mills theory and cosmic censorship.
    By Sushant G. Ghosh & Naresh Dadhich.
    10.1103/PhysRevD.82.044038.**Phys.Rev.D82**:044038,2010,
29. Quasispherical gravitational collapse in 5D Einstein-Gauss-Bonnet gravity.
    Sushant G. Ghosh & Sanjay
    Jhingan.10.1103/PhysRevD.82.024017.**Phys.Rev.D82**:024017,2010.
30. Inhomogeneous dust collapse in D-5 Einstein-Gauss-Bonnet gravity.
    S. Jhingan & Sushant G.
    Ghosh. 10.1103/PhysRevD.81.024010.**Phys.Rev.D**81:024010,2010,.
31. S. G. Ghosh and D.W.Deshkar.Horizons of radiating black holes in Einstein-Bonnet gravity,
10.1103/PhysRevD.77.047504.**Phys.Rev.D77**:047504,2008.
32. S.G. Ghosh, **A.K. Dawood** Radiating black hole solutions in Higher Dimensions
    10.1007/s10714-007-0511-6.**Gen. Relativ. Gravitation** (2007).
33. S.G. Ghosh and D.W.Deshkar Five Dimensional Inhomogeneous Dust Collapse with Cosmological Constant**,**
    10.1142/S0218271807009309.Int.J.Mod.Phys.D16:53-64,2007.
34. Naresh Dadhich, S. G. Ghosh and D.W.Deshkar. The role of the space-time dimensions and the fluid equation of state in spherical gravitational collapse,
    10.1142/S0217751X05021038.Int. J Mod. Phys. A Vol. 20 1495 (2005)
35. S. G. Ghosh, Inhomogeneous dust collapse with cosmological constant,
    10.1142/S0218271805006456.Int. J Mod. Phys. D. Vol. 14(2004).
36. **A.K. Dawood** and S.G. Ghosh, Generating dynamical black hole solutions,
    10.1103/PhysRevD.70.104010.**Physical Review D** Vol. 70, 104010 (2004).
37. S. G. Ghosh and D.W.Deshkar. Gravitational collapse of a string fluids,
38. S. G. Ghosh and D.W.Deshkar. Gravitational collapse of perfect fluid in self-similar in higher dimensional space-times,10.1142/S021827180300344X. Int. J Mod. Phys. D. Vol. 12 913(2003).
39. S. G. Ghosh and A. Banerjee Non-marginally bound self-similar higher dimensional inhomogeneous dust collapse,
    10.1142/S0218271803003244.Int. J Mod. Phys. D. 12 630(2003).
40. S. G. Ghosh and Naresh Dadhich, Gravitational collapse of null strange quark fluid and cosmic censorship,
    10.1023/A:1022361631003.Gen. Relativ. Gravitation Vol 35 359 (2003)
41. S. G. Ghosh and D.W.Deshkar.Non-spherical collapse of a radiating star,
    10.1142/S0218271803002433.Int. J Mod. Phys. D. (2003)
42. S. G. Ghosh, S.B. Sarwe and R.V. Sarayakar, Collapsing perfect fluid in self-similar five dimensional space-time and cosmic,
    10.1103/PhysRevD.66.084006.**Physical Review D** Vol 66 084006 (2002)
43. S. G. Ghosh and Naresh Dadhich, Gravitational Collapse of type II fluid in higher dimensions
    10.1103/PhysRevD.65.127502.**Phys. Rev. D** Vol 65 127502 (2002)
44. S. G. Ghosh and R.V. Sarayakar Higher Dimensional Charged Null Fluid Collapse and Cosmic Censorship 10.1142/S0218271802001524.Int. J Mod. Phys. D Vol 11 237 (2002).

45. S.G. Ghosh and A. Beesham, Higher Dimensional Inhomogeneous Dust Collapse and Cosmic Censorship, 10.1103/PhysRevD.64.124005.**Phys. Rev. D** Vol 64. (2001).
46. S.G. Ghosh, R.V. Sarayakar and A. Beesham, Collapsing Shells of Radiation in Higher Dimensional Space-time and Cosmic Censorship, 10.1142/S0217751X01004943.Int. J Mod. Phys. A Vol 16. (2001)
47. S. G. Ghosh and N. Dadhich, On Naked Singularities in Higher Dimensional Vaidya Space-times.10.1103/PhysRevD.64.047501.**Phys. Rev. D** Vol. 64 047501 (2001).
48. Naresh. Dadhich and S.G. Ghosh, Gravitational Collapse of null fluid on the brane. 10.1016/S0370-2693(01)01057-7.**Phys. Lett. B** Vol. 518 1 (2001).
49. S.G. Ghosh and A. Beesham, Naked Singularities in Higher Dimension Inhomogeneous Dust Collapse,10.1088/0264-9381/17/24/301.**Classical and Quantum Grav**. Vol 17 4959 (2000).
50. S.G. Ghosh, Charged Null Fluid Collapse in Anti-de Sitter Space-times and Naked Singularities**,**10.1103/PhysRevD.62.127505.**Phys. Rev. D** Vol 62 127505 (2000).
51. S. G. Ghosh and R.V. Sarayakar, Higher Dimensional Radiation Collapse and Cosmic Censorship, 10.1103/PhysRevD.62.107502.**Phys. Rev. D** Vol 62 107502 (2000).
52. S.G. Ghosh and A. Beesham, Strong Curvature Singularities in Vaidya-deSitter Space-time, 10.1103/PhysRevD.61.067502.**Phys. Rev. D** Vol 61 067502 (2000).

INVITED TALKS AND CONFERENCE/MEETINGS ATTENDED (LAST FIVE YEARS)

1. Sushant G Ghosh attended Trends and Challenges in Astronomy and Astrophysics, Kolkata, India 10/09/2015 -- 15/09/2015. Delivered the talk "Regular black holes"
2. Sushant G Ghosh attended South African Garvity Society Meeting, Grahmstown, South Africa 30/08/2015 -- 02/09/15. Delivered the talk "Black hole with regular centre"
3. Sushant G Ghosh attended ANALYSIS AND DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO NATURAL SCIENCES, Salt Rock, Durban, South Africa 12/07/2015 -- 15/07/2015.
4. Sushant G Ghosh visited University of Kwa-Zulu-Natal, Durban, South Africa 05/07/2015 -- 03/09/2015. Delivered the talk "Rotating regular black holes"
5. Sushant G Ghosh visited IUCAA, Pune, India 29/05/15 -- 25/06/15.
6. Sushant G Ghosh attended Analysis and Differential Equations with Applications to Natural Sciences, Salt Rock, Balito, South Africa 12/07/15 -- 16/07/15.
7. Sushant G Ghosh visited Institute for Fundamental Studies, Thailand 07/01/2015 -- 05/01/2015. Delivered 9 Lectures Course on Black Holes Physics
8. Sushant G Ghosh attended Institute for Fundamental Studies, Thailand 07/01/2015 -- 21/01/2015. Delivered the talk "Regular Black Holes"
9. Sushant G Ghosh visited IUCAA, Pune, India 26/12/2014 -- 05/01/2015.
10. Sushant G Ghosh attended Institute of Nuclear Physics of Republic Uzbekistan AS, Tashkent, Uzbekistan 11/11/14 -- 11/11/14.
11. Sushant G Ghosh attended Ulugh Beg Astronomical Institute , Tashkent, Uzbekistan 10/11/14 -- 21/11/14.
12. Sushant G Ghosh visited Unversity of KwaZulu-Natal, Durban, South Africa10/05/2014 -- 29/07/2014.
13. Sushant G Ghosh attended GWPAW @IUCAA, Pune, PUNE, INDIA17/12/2013 -- 21/12/2013.
14. Sushant G Ghosh visited Ulugh Beg Astronomical Institute , Tashkent, Uzbekistan15/11/2013 -- 28/11/2013.
15. Delivered the talk "Gravitational collapse in lovelock gravity"Sushant G Ghosh visited Institute of Nuclear Physics, Tashkent, Uzbekistan15/11/2013 -- 28/11/2013.
16. Delivered the talk "Spinning black holes"Sushant G Ghosh visited BITS, Pilani - Dubai campus, UAE28/10/11 -- 29/10/11.
17. Delivered the talk "Final fate of massive star"Sushant G Ghosh visited Rhodes University, Grahamstown, South Africa22/09/2013 -- 23/09/2013.

18. Delivered the talk "Gravitational collapse in Lovelock gravity"Sushant G Ghosh attended Conference in honour of Prof GL Nongxa, University of Forte Hare, Alice, South Africa20/09/2013 -- 21/09/2013.
19. Sushant G Ghosh visited University of Kwa-Zulu-Natal, Durban, South Africa03/08/2013 -- 28/10/2013.
20. Sushant G Ghosh attended SAGS 2013, , at Salt-Rock, Balito, Durban, South Africa08/08/2011 -- 11/08/2011. Delivered the talk "Gravitational Collapse In Einstein-Gauss-Bonnet gravity"
21. Sushant G Ghosh attended Meeting: Jayan@75 at IUCAA Pune Chaired Session, Pune, India18/07/2013 -- 19/07/2013.
22. Sushant G Ghosh visited Inter University centre for Astronomy and Astrophysics(, INDIA25/05/2013 -- 28/06/2013.
23. Sushant Ghosh visited Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India04/07/12 -- 15/07/12.
24. Sushant Ghosh attended ASSOCIATE-FEST AT IUCAA, Pune, India24/06/2012 -- 28/06/2012. Delivered the talk "Gravitational Collapse in Einstein-Gauss-Bonnet Gravity"
25. Sushant Ghosh visited Durban University of Technology, Durban, Durban, South AfricaMarch 06 – 2012Delivered the talk "Final Fate of Massive Collapsing Star"
26. Sushant Ghosh visited University of Zululand, Kwadalegwa, South Africa16/03/2012 -- 16/03/2012. Delivered the talk "What happens when a massive star dies?"
27. Sushant Ghosh attended SDEA2012 at WITS University, Johannesburg, South Africa23/01/2012 -- 25/01/2012. Delivered the talk "Gravitational Collapse in Self-Similar Space-time"
28. Sushant Ghosh visited University of Kwa-Zulu-Natal, Durban, Durban, South AfricaJanuary 01, 2012 -- March 31, 2012. Delivered the talk "Spherical Collapse in Einstein-Gauss-Bonnet Gravity"
29. Sushant Ghosh attended ICGC-2011 Goa , India14/12/2011 -- 19/12/2011.
30. Sushant Ghosh attended Chandrayana 2011 conference at IMSc, Chennai, Chennai, India03/01/2011 -- 07/01/2011.
31. Sushant Ghosh attended IRC Coordinaters' meeting at IUCAA, Pune, India03/08/11 -- 05/08/11.