

V Venkataraman

Scientist / Engineer - SE

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Research Area:

- Spectroscopic studies of Comets at Ultra violet and mid-infrared wavelengths
- Investigation of the response of Martian upper atmosphere to Interplanetary Coronal Mass Ejection (ICME) events
- Characterization studies of metal oxide coatings for Space application

Academic Qualification

Degree	Year	Details
• Ph.D.	2015	Astrophysics, Physical Research Laboratory Degree awarded by Mohanlal Sukhadia University, Udaipur, India Dissertation title: Infrared Investigations of Circumstellar matter Thesis advisor: Profs. B. G. Anandarao & P. Janardhan
• M.Sc	1999	Physics, Madurai Kamaraj University, Madurai

Professional background

Designation	Duration	Institution
• Scientist	2018 - Present	Space Physics Laboratory, VSSC, ISRO, India
• Scientist	2002 - 2018	Physical Research Laboratory, Ahmedabad, India
• Research Scholar	Jan 2000 - Oct 2002	Indira Gandhi Center for Atomic Research, Kalpakkam, India

Specific Scientific/Technical contributions

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- Characterisation of the metal oxide coating for Plasma Analyser Package for Aditya (PAPA)
 - Vacuum thin film coatings for large telescopic mirrors
 - Characterisation of the Near-infrared Mercury Cadmium Telluride (MCT) array for astronomical observations
 - Extensively observed the science targets using Near Infrared Camera and Spectrograph (NICS) & Near Infrared Camera and Multi-Object Spectrometer at PRL's Mt. Abu Infrared Observatory

- Radio Continuum observations at 1280 MHz using Giant Metrewave Radio Telescope (GMRT)
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Publications - 16

1. **Venkata Raman, V.**, Anandarao, B. G., Janardhan, P., Rajesh Pandey, An Infrared Photometric and Spectroscopic Study of Post-AGB Stars (2017), **Monthly Notices of the Royal Astronomical Society**, 470, 1593
2. Srivastava, Mudit K., Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Sand, D.J., Diamond, T., Near infrared studies of V2944 Ophiuchi (Nova Ophiuchi 2015) (2016), **Monthly Notices of the Royal Astronomical Society**, 462, 2074
3. Sand, D.J., Hsiao, E. Y., Banerjee, D. P. K.,.....**Venkataraman, V.** Postmaximum Near-infrared Spectra of SN 2014J: A Search for Interaction Signatures (2016), **The Astrophysical Journal Letters**, 822, L16
4. Banerjee, D. P. K.,Srivastava, Mudit K., Ashok, N. M., **Venkataraman, V.** Near-infrared studies of the carbon monoxide and dust-forming Nova V5668 Sgr (2016), **Monthly Notices of the Royal Astronomical Society Letters**, 455, L109
5. Joshi, Vishal, Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Walter, F. M. Infrared studies of Nova Scorpii 2014: an outburst in a symbiotic system sans an accompanying blast wave (2015), **Monthly Notices of the Royal Astronomical Society**, 452, 3696
6. Marion, G. H., Sand, D. J., Hsiao, E. Y., Banerjee, D. P. K.,.....**Venkataraman, V.**.... Early Observations and Analysis of the Type Ia SN 2014J in M82 (2015), **The Astrophysical Journal**, 798, 39
7. **Venkataraman, V** and Anandarao B G Near-infrared Spectral Line Variations of Post-Asymptotic Giant Branch Stars (2015), **Asian Journal of Physics**, 24, 1049
8. **Venkataraman, V** and Anandarao B G Mass-loss during the Evolution of Intermediate Mass Stars (2015), **Asian Journal of Physics**, 24, 1057
9. **Venkataraman, V** and Anandarao B G Modelling the Spectral Energy Distributions of Eruptive Young Stellar Objects (2015), **Asian Journal of Physics**, 24, 1065
10. Amanullah, R., Goobar, A., Johansson, J., Banerjee, D. P. K., **Venkataraman, V.**.....The Peculiar Extinction Law of SN 2014J Measured with the Hubble Space Telescope (2014), **The Astrophysical Journal Letters**, 788, L21

11. Banerjee, D. P. K., Joshi, Vishal, **Venkataraman, V.**, Ashok, N. M.; Marion, G. H.; Hsiao, E. Y.; Raj, A. Near-IR Studies of Recurrent Nova V745 Scorpii during its 2014 Outburst (2014), **The Astrophysical Journal Letters**, 785, L11
12. **Venkata Raman, Veeman**, Anandarao, Boddapati G., Janardhan, Padmanabhan, Pandey, Rajesh, Near-infrared monitoring and modeling of V1647 Ori in its ongoing 2008-2012 outburst phase (2013), **Research in Astronomy and Astrophysics**, 13, 1107
13. Anandarao, B. G., **Raman, V. Venkata**, Ghosh, S. K., Ojha, D. K., Kumar, M. S. N. Near-infrared photometry and radio continuum study of the massive star-forming regions IRAS 21413+5442 and IRAS 21407+5441 (2008), **Monthly Notices of the Royal Astronomical Society**, 390, 1185
14. **Venkata Raman, V.**, Anandarao, B. G. Infrared spectroscopic study of a selection of AGB and post-AGB stars (2008), **Monthly Notices of the Royal Astronomical Society**, 385, 1076
15. Ojha, D. K., Ghosh, S. K., Tej, A.; Verma, R. P.,....Anandarao, B. G.; **Venkataraman, V.** Post-outburst phase of McNeil's nebula (V1647 Orionis) (2006), **Monthly Notices of the Royal Astronomical Society**, 368, 825
16. **Venkata Raman, V.**, S. Rajagopalan, P.Manoravi, A.K.Balamurugan, A. Ramalingam, A.K.Tyagi, Formation of interface silicides at room temperature in pulsed laser deposited Ti thin films on Si <100> (2003), **Materials Research Bulletin**, 38, 1835

Proceedings/Books - 28

1. Arijit Roy, **Venkata Raman V**, Bhalamurugan Sivaraman, Spectroscopic investigation of Comet 46P Wirtanen at UV wavelengths, (2021), **Europlanet Science Congress 2021**
2. **Venkata Raman V**, Arijit Roy, Bhalamurugan Sivaraman, Shashikiran Ganesh, and Nigel Mason, Tentative detection of vibrationally excited Polycyclic Aromatic Hydrocarbons in Comets, (2020), **Europlanet Science Congress 2020**
3. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Srivastava, M. Near-IR observations of Nova Oph 2015 (2015), **The Astronomer's Telegram**, 7446
4. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Srivastava, M CO detected strongly in emission in Nova Sgr 2015 #2 (2015),**The Astronomer's Telegram**, 7303
5. Srivastava, M., Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.** Near-infrared observations of Nova Sco 2015 and the luminous red variable in M31 (2015), **The Astronomer's Telegram**, 7236

6. **Venkataraman, V.**, Anandarao, B. G., Infrared investigation of the eruptive young stellar object V1647 Ori during its recent outburst and quiescent phases (2014), **International Conference on Interstellar Dust, Molecules and Chemistry**, Tezpur, India
7. Joshi, Vishal, Srivastava, Mudit, Banerjee, D. P. K., **Venkataraman, V.**, Ashok, N. M., Near-infrared observations of supernova SN2014dt in M61 (2014), **The Astronomer's Telegram**, 6772
8. Joshi, Vishal; Srivastava, Mudit; Ashok, N. M.; Banerjee, D. P. K.; **V. Venkataraman**, Near-infrared observations of blue transient ASASSN-14jv (2014), **The Astronomer's Telegram**, 6707
9. Joshi, Vishal, Banerjee, D. P. K., **Venkataraman, V.** Ashok, N. M. Near-infrared observations of Nova Sco 2014; a likely symbiotic nova (2014),**The Astronomer's Telegram**, 6032
10. Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.**, Joshi, Vishal Nova Cephei 2014; Near-IR observations (2014), **The Astronomer's Telegram**, 5996
11. Banerjee, D. P. K., **Venkataraman V.**, Joshi, Vishal, Raj, Ashish, Ashok, N. M. Near-infrared observations of recurrent nova V745 Sco (2014), **The Astronomer's Telegram**, 5865
12. **Venkataraman, V.**, Banerjee, D. P. K., Joshi, Vishal, Ashok, N. M., Bhalerao, Varun, Near-infrared observations of the supernova in M82 (PSNJ09554214+6940260) (2014), **The Astronomer's Telegram**, 5793
13. **Venkataraman, V.** Investigation of the behaviour of the eruptive young stellar object V1647 Ori since its outburst in 2008, **31st ASI Meeting, ASI Conference Series**, 2013, Vol. 9, pp 122 Edited by Pushpa Khare & C. H. Ishwara-Chandra
14. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.** Infrared observations show that Nova Mon 2012 is now in the coronal line phase (2012), **The Astronomer's Telegram**, 4542
15. Raj, Ashish, **Venkataraman, V.**, Ashok, N. M., Banerjee, D. P. K., Near-IR photometric observations of PG 1553+113 (2012), **The Astronomer's Telegram**, 4107
16. Raj, Ashish, Ashok, N. M., Banerjee, D. P. K., **Venkata Raman, V.** Infrared Observations of Nova Sagittarii 2012 = Pnv J17452791-2305213 (2012), **The Astronomer's Telegram**, 4093
17. Raj, Ashish, Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.** Near infrared photometric observations of Nova Ophiuchi 2012 (2012), **The Astronomer's Telegram**, 4027
18. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2011), **Central Bureau Electronic Telegrams**, 2647, #1

19. D. Garcia-Alvarez, N.J. Wright, J.J. Drake..... **Venkat V** Multi-Wavelength Study of the 2008-2009 Outburst of V1647 Ori (2011), **Proceedings of the 16th Workshop on Cool Stars, Stellar Systems, and the Sun**, (PASP conference series)
20. **Venkataraman, V.**, Anandarao, B. G. Near-infrared studies of the recent (2008) outburst of V1647 Ori, Proceedings of the 29th **Meeting of the Astronomical Society of India**, held 23-25 February, 2011. ASI Conference Series, Vol. 3, Edited by P. Khare and C.H. Ishwara-Chandra, 2011, p. 129
21. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2008), **Central Bureau Electronic Telegrams**, 1596, #1
22. Dewangan, L. K., **Venkat, V.**, Jain, J., Vadawale, S., Anandarao, B. G. GRB 080212: mount abu NIR observations, (2008) **GRB Coordinates Network, Circular Service**, 7321, #1
23. Dewangan, L. K., **Venkat, V.**, Purohit, R., Jain, J., Vadawale, S., Anandarao, B. G. Transient XRF 080109 / SN 2008D: mount abu NIR observations, (2008),**GRB Coordinates Network, Circular Service**, 7191, #1
24. **Venkataraman, V.**, Anandarao, B. G. Infrared spectroscopy of AGB/postAGB stars, **Proc. 25th meeting of ASI** (2007), p. 52
25. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2006), **IAU Circ.**, 8694, #2
26. Anandarao, B. G.,**Venkataraman, V.**, Near-infrared H and K band Spectroscopy of a selection of AGB stars, (2006), **14th Cambridge workshop on Cool stars, Stellar Systems and the Sun**, Pasadena, USA
27. Anandarao, B. G.,**Venkataraman, V.**, Ghosh, S. K., Ojha, D. K., Vig, S. Near-infrared photometry and radio continuum observations of the massive starforming region IRAS 21413+5442, (2005), **Bulletin of the Astronomical Society of India**, 33, 392
28. **Venkataraman, V.** Anandarao, B. G. A near-infrared photometric study of the massive star forming region IRAS 21413+5442, (2005), **Bulletin of the Astronomical Society of India**, 33, 141

वी वेंकटरमण

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अनुसंधान क्षेत्र

- अल्ट्रा वायलेट और मध्य-अवरक्त तरंग दैर्ध्य पर धूमकेतुओं का स्पेक्ट्रोस्कोपिक अध्ययन
- इंटरप्लेनेटरी कोरोनल मास इजेक्शन (आईसीएमई) घटनाओं के लिए मंगल ग्रह के ऊपरी वायुमंडल की प्रतिक्रिया की जांच
- अंतरिक्ष अनुप्रयोग के लिए धातु ऑक्साइड कोटिंग्स की विशेषता अध्ययन

शैक्षिक योग्यता

डिग्री	वर्ष	विवरण
• पीएच डी	२०१५	खगोल भौतिकी, भौतिक अनुसंधान प्रयोगशाला मोहनलाल सुखाड़िया विश्वविद्यालय, उदयपुर, द्वारा प्रदान की गई उपाधि निबंध शीर्षक : सर्कमस्टेलर सामग्री की इन्फ्रारेड जांच शोध सलाहकार : प्रोफेसरों बी. जी. आनंदराव और पी. जनार्दन
• येम. एससी	१९९९	मदुरै कामराज विश्वविद्यालय, मदुरै

प्रोफेशनल बैकग्राउंड

पद	समयांतराल	संस्थान
• वैज्ञानिक	फरवरी २०१८ - वर्तमान	अंतरिक्ष भौतिकी प्रयोगशाला, वीएसएससी, इसरो, भारत
• वैज्ञानिक	अक्टूबर २००२ - फरवरी २०१८	भौतिक अनुसंधान प्रयोगशाला, अहमदाबाद, भारत
• रिसर्च स्कॉलर	जनवरी २००० - अक्टूबर २००२	इंदिरा गांधी परमाणु अनुसंधान केंद्र, कलपक्कम, भारत

विशिष्ट वैज्ञानिक/तकनीकी योगदान

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- प्लाज्मा विश्लेषक पैकेज (पापा) के लिए धातु ऑक्साइड कोटिंग की विशेषता
 - बड़े टेलीस्कोपिक दर्पणों के लिए वैक्यूम पतली फिल्म कोटिंग्स
 - खगोलीय प्रेक्षणों के लिए नियर-इन्फ्रारेड मर्करी कैडमियम टेलुराइड (एमसीटी) सरणी की विशेषता

- व्यापक रूप में अब् इन्फ्रारेड वेधशाला का नियर इन्फ्रारेड कैमरा तथा स्पेक्ट्रोग्राफ (NICS) और नियर इन्फ्रारेड कैमरा तथा मल्टी-ऑब्जेक्ट स्पेक्ट्रोमीटर का उपयोग करके विज्ञान के लक्ष्यों का अवलोकन
- जाइंट मीटर वेव रेडियो टेलीस्कोप (जीएमआरटी) का उपयोग करते हुए 1280 मेगाहर्ट्ज पर रेडियो कॉन्टिनम ऑब्जर्वेशन

प्रकाशन – १६

1. **Venkata Raman, V.**, Anandarao, B. G., Janardhan, P., Rajesh Pandey, An Infrared Photometric and Spectroscopic Study of Post-AGB Stars (2017), **Monthly Notices of the Royal Astronomical Society**, 470, 1593
2. Srivastava, Mudit K., Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Sand, D.J., Diamond, T., Near infrared studies of V2944 Ophiuchi (Nova Ophiuchi 2015) (2016), **Monthly Notices of the Royal Astronomical Society**, 462, 2074
3. Sand, D.J., Hsiao, E. Y., Banerjee, D. P. K.,.....**Venkataraman, V.** Postmaximum Near-infrared Spectra of SN 2014J: A Search for Interaction Signatures (2016), **The Astrophysical Journal Letters**, 822, L16
4. Banerjee, D. P. K.,Srivastava, Mudit K., Ashok, N. M., **Venkataraman, V.** Near-infrared studies of the carbon monoxide and dust-forming Nova V5668 Sgr (2016), **Monthly Notices of the Royal Astronomical Society Letters**, 455, L109
5. Joshi, Vishal, Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Walter, F. M. Infrared studies of Nova Scorpii 2014: an outburst in a symbiotic system sans an accompanying blast wave (2015), **Monthly Notices of the Royal Astronomical Society**, 452, 3696
6. Marion, G. H., Sand, D. J., Hsiao, E. Y., Banerjee, D. P. K.,.....**Venkataraman, V.**.... Early Observations and Analysis of the Type Ia SN 2014J in M82 (2015), **The Astrophysical Journal**, 798, 39
7. **Venkataraman, V** and Anandarao B G Near-infrared Spectral Line Variations of Post-Asymptotic Giant Branch Stars (2015), **Asian Journal of Physics**, 24, 1049
8. **Venkataraman, V** and Anandarao B G Mass-loss during the Evolution of Intermediate Mass Stars (2015), **Asian Journal of Physics**, 24, 1057
9. **Venkataraman, V** and Anandarao B G Modelling the Spectral Energy Distributions of Eruptive Young Stellar Objects (2015), **Asian Journal of Physics**, 24, 1065

10. Amanullah, R., Goobar, A., Johansson, J., Banerjee, D. P. K., **Venkataraman, V.**.....The Peculiar Extinction Law of SN 2014J Measured with the Hubble Space Telescope (2014), **The Astrophysical Journal Letters**, 788, L21
11. Banerjee, D. P. K., Joshi, Vishal, **Venkataraman, V.**, Ashok, N. M.; Marion, G. H.; Hsiao, E. Y.; Raj, A. Near-IR Studies of Recurrent Nova V745 Scorpii during its 2014 Outburst (2014), **The Astrophysical Journal Letters**, 785, L11
12. **Venkata Raman, Veeman**, Anandarao, Boddapati G., Janardhan, Padmanabhan, Pandey, Rajesh, Near-infrared monitoring and modeling of V1647 Ori in its ongoing 2008-2012 outburst phase (2013), **Research in Astronomy and Astrophysics**, 13, 1107
13. Anandarao, B. G., **Raman, V. Venkata**, Ghosh, S. K., Ojha, D. K., Kumar, M. S. N. Near-infrared photometry and radio continuum study of the massive star-forming regions IRAS 21413+5442 and IRAS 21407+5441 (2008), **Monthly Notices of the Royal Astronomical Society**, 390, 1185
14. **Venkata Raman, V.**, Anandarao, B. G. Infrared spectroscopic study of a selection of AGB and post-AGB stars (2008), **Monthly Notices of the Royal Astronomical Society**, 385, 1076
15. Ojha, D. K., Ghosh, S. K., Tej, A.; Verma, R. P.,....Anandarao, B. G.; **Venkataraman, V.** Post-outburst phase of McNeil's nebula (V1647 Orionis) (2006), **Monthly Notices of the Royal Astronomical Society**, 368, 825
16. **Venkata Raman, V.**, S. Rajagopalan, P.Manoravi, A.K.Balamurugan, A. Ramalingam, A.K.Tyagi, Formation of interface silicides at room temperature in pulsed laser deposited Ti thin films on Si <100> (2003), **Materials Research Bulletin**, 38, 1835

कार्यवाही/पुस्तक - २८

1. Arijit Roy, **Venkata Raman V**, Bhalamurugan Sivaraman, Spectroscopic investigation of Comet 46P Wirtanen at UV wavelengths, (2021), **Europlanet Science Congress 2021**
2. **Venkata Raman V**, Arijit Roy, Bhalamurugan Sivaraman, Shashikiran Ganesh, and Nigel Mason, Tentative detection of vibrationally excited Polycyclic Aromatic Hydrocarbons in Comets, (2020), **Europlanet Science Congress 2020**
3. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Srivastava, M. Near-IR observations of Nova Oph 2015 (2015), **The Astronomer's Telegram**, 7446
4. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.**, Srivastava, M CO detected strongly in emission in Nova Sgr 2015 #2 (2015), **The Astronomer's Telegram**, 7303

5. Srivastava, M., Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.** Near-infrared observations of Nova Sco 2015 and the luminous red variable in M31 (2015), **The Astronomer's Telegram**, 7236
6. **Venkataraman, V.**, Anandarao, B. G., Infrared investigation of the eruptive young stellar object V1647 Ori during its recent outburst and quiescent phases (2014), **International Conference on Interstellar Dust, Molecules and Chemistry**, Tezpur, India
7. Joshi, Vishal, Srivastava, Mudit, Banerjee, D. P. K., **Venkataraman, V.**, Ashok, N. M., Near-infrared observations of supernova SN2014dt in M61 (2014), **The Astronomer's Telegram**, 6772
8. Joshi, Vishal; Srivastava, Mudit; Ashok, N. M.; Banerjee, D. P. K.; **V. Venkataraman**, Near-infrared observations of blue transient ASASSN-14jv (2014), **The Astronomer's Telegram**, 6707
9. Joshi, Vishal, Banerjee, D. P. K., **Venkataraman, V.** Ashok, N. M. Near-infrared observations of Nova Sco 2014; a likely symbiotic nova (2014), **The Astronomer's Telegram**, 6032
10. Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.**, Joshi, Vishal Nova Cephei 2014; Near-IR observations (2014), **The Astronomer's Telegram**, 5996
11. Banerjee, D. P. K., **Venkataraman V.**, Joshi, Vishal, Raj, Ashish, Ashok, N. M. Near-infrared observations of recurrent nova V745 Sco (2014), **The Astronomer's Telegram**, 5865
12. **Venkataraman, V.**, Banerjee, D. P. K., Joshi, Vishal, Ashok, N. M., Bhalerao, Varun, Near-infrared observations of the supernova in M82 (PSNJ09554214+6940260) (2014), **The Astronomer's Telegram**, 5793
13. **Venkataraman, V.** Investigation of the behaviour of the eruptive young stellar object V1647 Ori since its outburst in 2008, **31st ASI Meeting, ASI Conference Series**, 2013, Vol. 9, pp 122 Edited by Pushpa Khare & C. H. Ishwara-Chandra
14. Banerjee, D. P. K., Ashok, N. M., **Venkataraman, V.** Infrared observations show that Nova Mon 2012 is now in the coronal line phase (2012), **The Astronomer's Telegram**, 4542
15. Raj, Ashish, **Venkataraman, V.**, Ashok, N. M., Banerjee, D. P. K., Near-IR photometric observations of PG 1553+113 (2012), **The Astronomer's Telegram**, 4107
16. Raj, Ashish, Ashok, N. M., Banerjee, D. P. K., **Venkata Raman, V.** Infrared Observations of Nova Sagittarii 2012 = Pnv J17452791-2305213 (2012), **The Astronomer's Telegram**, 4093
17. Raj, Ashish, Ashok, N. M., Banerjee, D. P. K., **Venkataraman, V.** Near infrared photometric observations of Nova Ophiuchi 2012 (2012), **The Astronomer's Telegram**, 4027

18. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2011), **Central Bureau Electronic Telegrams**, 2647, #1
19. D. Garcia-Alvarez, N.J. Wright, J.J. Drake..... **Venkat V** Multi-Wavelength Study of the 2008-2009 Outburst of V1647 Ori (2011), **Proceedings of the 16th Workshop on Cool Stars, Stellar Systems, and the Sun**, (PASP conference series)
20. **Venkataraman, V.**, Anandarao, B. G. Near-infrared studies of the recent (2008) outburst of V1647 Ori, Proceedings of the 29th **Meeting of the Astronomical Society of India**, held 23-25 February, 2011. ASI Conference Series, Vol. 3, Edited by P. Khare and C.H. Ishwara-Chandra, 2011, p. 129
21. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2008), **Central Bureau Electronic Telegrams**, 1596, #1
22. Dewangan, L. K., **Venkat, V.**, Jain, J., Vadawale, S., Anandarao, B. G. GRB 080212: mount abu NIR observations, (2008) **GRB Coordinates Network, Circular Service**, 7321, #1
23. Dewangan, L. K., **Venkat, V.**, Purohit, R., Jain, J., Vadawale, S., Anandarao, B. G. Transient XRF 080109 / SN 2008D: mount abu NIR observations, (2008), **GRB Coordinates Network, Circular Service**, 7191, #1
24. **Venkataraman, V.**, Anandarao, B. G. Infrared spectroscopy of AGB/postAGB stars, **Proc. 25th meeting of ASI** (2007), p. 52
25. **Venkat, V.**, Anandarao, B. G., V1647 Orionis (2006), **IAU Circ.**, 8694, #2
26. Anandarao, B. G., **Venkataraman, V.**, Near-infrared H and K band Spectroscopy of a selection of AGB stars, (2006), **14th Cambridge workshop on Cool stars, Stellar Systems and the Sun**, Pasadena, USA
27. Anandarao, B. G., **Venkataraman, V.**, Ghosh, S. K., Ojha, D. K., Vig, S. Near-infrared photometry and radio continuum observations of the massive starforming region IRAS 21413+5442, (2005), **Bulletin of the Astronomical Society of India**, 33, 392
28. **Venkataraman, V.** Anandarao, B. G. A near-infrared photometric study of the massive star forming region IRAS 21413+5442, (2005), **Bulletin of the Astronomical Society of India**, 33, 141