

## LIST OF PUBLICATIONS

### 104-CM SAMPURNANAND TELESCOPE

(All Articles)

ST Team (astronomy.div@aries.res.in)

Aryabhata Research Institute of Observational Sciences

10th June 2022

- [437] P. Saha, A. Soam, T. Baug, M. Gopinathan, S. Mondal, and T. Ghosh. Magnetic fields and young stellar objects in cometary cloud L1616. *MNRAS*, 513(2):2039–2056, June 2022, 2204.03681.
- [436] P. Saha, M. Gopinathan, D. K. Ojha, and S. Neha. Investigation of Rocket Effect in BRC 18 using Gaia EDR3. *MNRAS*, 510(2):2644–2656, Feb. 2022, 2112.04795.
- [435] A. Panchal, Y. C. Joshi, P. De Cat, and S. N. Tiwari. Long-term Photometric and Low-resolution Spectroscopic Analysis of Five Contact Binaries. *ApJ*, 927(1):12, Mar. 2022, 2112.12379.
- [434] S. Joshi, O. Trust, E. Semenko, P. E. Williams, P. Lampens, P. De Cat, L. Vermeulen, D. L. Holdsworth, R. A. García, S. Mathur, A. R. G. Santos, D. Mkrtichian, A. Goswami, M. Cuntz, A. P. Yadav, M. Sarkar, B. C. Bhatt, F. Kahraman Aliçavuş, M. D. Nhlapo, M. N. Lund, P. P. Goswami, I. Savanov, A. Jorissen, E. Jurua, E. Avvakumova, E. S. Dmitrienko, N. K. Chakradhari, M. K. Das, S. Chowdhury, O. P. Abedigamba, I. Yakunin, B. Letarte, and D. Karinkuzhi. Study of chemically peculiar stars - I. High-resolution spectroscopy and K2 photometry of Am stars in the region of M44. *MNRAS*, 510(4):5854–5871, Mar. 2022, 2110.14275.
- [433] K. Chand, Gopal-Krishna, A. Omar, H. Chand, S. Mishra, P. S. Bisht, and S. Britzen. Intranight variability of ultraviolet emission from powerful blazars. *MNRAS*, 511(1):13–18, Mar. 2022, 2112.04516.
- [432] A. Soam. On the photoevaporation, dust polarization and kinematics of two nebulae in Sh2-236. *Research in Astronomy and Astrophysics*, 21(4):087, May 2021, 2011.09572.
- [431] A. Soam. Magnetic Fields in the Massive Star-forming Region GL 437. *Research Notes of the American Astronomical Society*, 5(10):241, Oct. 2021.
- [430] P. Saha, M. Gopinathan, E. Sharma, C. Won Lee, T. Ghosh, and S. Kim. Tracing the magnetic field morphology of the LDN 1172/1174 cloud complex. *A&A*, 655:A76, Nov. 2021, 2106.14887.
- [429] S. B. Pandey, A. Kumar, B. Kumar, G. C. Anupama, S. Srivastav, D. K. Sahu, J. Vinko, A. Aryan, A. Pastorello, S. Benetti, L. Tomasella, A. Singh, A. S. Moskvitin, V. V. Sokolov, R. Gupta, K. Misra, P. Ochner, and S. Valenti. Photometric, polarimetric, and spectroscopic studies of the luminous, slow-decaying Type Ib SN 2012au. *MNRAS*, 507(1):1229–1253, Oct. 2021, 2106.15856.
- [428] S. Mishra, Gopal-Krishna, H. Chand, K. Chand, A. Kumar, and V. Negi. A search for blazar activity in broad-absorption-line quasars. *MNRAS*, 507(1):L46–L51, Oct. 2021, 2108.05332.
- [427] S. Lata, A. K. Pandey, J. C. Pandey, N. Panwar, and P. Paul. Photometric observations of NGC 281: detection of 228 variable stars. *MNRAS*, 504(1):101–117, June 2021, 2104.01859.
- [426] A. Kumar, B. Kumar, S. B. Pandey, D. K. Sahu, A. Singh, G. C. Anupama, A. Aryan, R. Gupta, A. Dutta, and K. Misra. SN 2020ank: a bright and fast-evolving H-deficient superluminous supernova. *MNRAS*, 502(2):1678–1693, Apr. 2021, 2012.15251.

- [425] N. Kalita, A. C. Gupta, and M. Gu. Optical Variability of a Newly Discovered Blazar Sample from the BZCAT Catalog. *ApJS*, 257(2):41, Dec. 2021, 2108.06698.
- [424] A. C. Gupta, V. Dhiman, P. Kushwaha, S. Kishore, H. Gaur, and T. Tripathi. Optical follow-up observations of the flaring blazar BL Lacertae. *The Astronomer's Telegram*, 14343:1, Jan. 2021.
- [423] A. Goyal. Optical Variability Power Spectrum Analysis of Blazar Sources on Intranight Timescales. *ApJ*, 909(1):39, Mar. 2021, 2101.00502.
- [422] Z.-X. Fu, C. Sengupta, R. Sethuram, B. Pradhan, M. Singh, K. Misra, T. C. Scott, and Y.-Z. Ma. Interacting system NGC 7805/6 (Arp 112) and its tidal dwarf galaxy candidate. *Research in Astronomy and Astrophysics*, 21(2):043, Mar. 2021, 2011.06368.
- [421] R. Dastidar, K. Misra, M. Singh, A. Pastorello, D. K. Sahu, X. Wang, A. Gangopadhyay, L. Tomasella, J. Zhang, S. Bose, J. Mo, N. Elias-Rosa, L. Tartaglia, S. Yan, B. Kumar, G. C. Anupama, S. B. Pandey, L. Rui, T. Zhang, G. Terreran, P. Ochner, and F. Huang. The optical properties of three Type II supernovae: 2014cx, 2014cy, and 2015cz. *MNRAS*, 504(1):1009–1028, June 2021, 2103.09166.
- [420] S. Singh, J. C. Pandey, R. K. S. Yadav, and B. J. Medhi. Optical Linear Polarization toward the Open Star Cluster Casado Alessi 1. *AJ*, 159(3):99, Mar. 2020, 2001.11227.
- [419] E. Sharma, M. Gopinathan, A. Soam, C. W. Lee, S. Kim, T. Ghosh, A. Tej, G. Kim, N. Sharma, and P. Saha. Distance, magnetic field, and kinematics of the filamentary cloud LDN 1157. *A&A*, 639:A133, July 2020, 2005.02781.
- [418] P. Saha, M. Gopinathan, U. Kamath, C. W. Lee, P. Manoj, B. Mathew, and E. Sharma. A census of young stellar population associated with the Herbig Be star HD 200775. *MNRAS*, 494(4):5851–5871, June 2020, 2005.00519.
- [417] M. Pasierb, A. Goyal, M. Ostrowski, Ł. Stawarz, P. J. Wiita, Gopal-Krishna, V. M. Larionov, D. A. Morozova, R. Itoh, F. Alicavus, A. Erdem, S. Joshi, S. Zola, G. A. Borman, T. S. Grishina, E. N. Kopatskaya, E. G. Larionova, S. S. Savchenko, A. A. Nikiforova, Y. V. Troitskaya, I. S. Troitsky, H. Akitaya, M. Kawabata, and T. Nakaoka. Multiband optical flux density and polarization microvariability study of optically bright blazars. *MNRAS*, 492(1):1295–1317, Feb. 2020, 1912.05505.
- [416] A. Pandey, A. C. Gupta, G. Damljanovic, P. J. Wiita, O. Vince, and M. D. Jovanovic. Optical variability of three extreme TeV blazars. *MNRAS*, 496(2):1430–1444, Aug. 2020, 2006.02652.
- [415] V. Ojha, H. Chand, G. Krishna, S. Mishra, and K. Chand. Comparative intranight optical variability of X-ray and  $\gamma$ -ray-detected narrow-line Seyfert 1 galaxies. *MNRAS*, 493(3):3642–3655, Apr. 2020, 2002.03275.
- [414] A. Kumar, S. B. Pandey, R. Konyves-Toth, R. Staten, J. Vinko, J. C. Wheeler, W. Zheng, A. V. Filippenko, R. Kehoe, R. Quimby, Y. Fang, C. Akerlof, T. A. McKay, E. Chatzopoulos, B. P. Thomas, G. Dhungana, A. Aryan, R. Dastidar, A. Gangopadhyay, R. Gupta, K. Misra, B. Kumar, N. Brahme, and D. Buckley. SN 2010kd: Photometric and Spectroscopic Analysis of a Slow-decaying Superluminous Supernova. *ApJ*, 892(1):28, Mar. 2020, 2002.04201.
- [413] H. Kaur, S. Sharma, L. K. Dewangan, D. K. Ojha, A. Durgapal, and N. Panwar. Unveiling the Physical Conditions in NGC 6910. *ApJ*, 896(1):29, June 2020, 2004.10500.
- [412] Y. C. Joshi, J. Maurya, A. A. John, A. Panchal, S. Joshi, and B. Kumar. Photometric, kinematic, and variability study in the young open cluster NGC 1960. *MNRAS*, 492(3):3602–3621, Mar. 2020, 2001.04068.
- [411] Y. C. Joshi, A. A. John, J. Maurya, A. Panchal, B. Kumar, and S. Joshi. Variable stars in the field of intermediate-age open cluster NGC 559. *MNRAS*, 499(1):618–630, Nov. 2020, 2009.06997.
- [410] A. Joshi, J. C. Pandey, A. Raj, K. P. Singh, G. C. Anupama, and H. P. Singh. Optical and X-ray studies of three polars: RX J0859.1+0537, RX J0749.1-0549, and RX J0649.8-0737. *MNRAS*, 491(1):201–214, Jan. 2020, 1910.11058.
- [409] R. Gupta, Dimple, A. Kumar, V. Ojha, A. Ghosh, A. Aryan, S. B. Pandey, and K. Misra. GRB 201223A: 1.3m DFOT and 1.04m ST optical observations. *GRB Coordinates Network*, 29173:1, Dec. 2020.

- [408] A. Gangopadhyay, M. Turatto, S. Benetti, K. Misra, B. Kumar, E. Cappellaro, A. Pastorello, L. Tomasella, S. Vanni, A. Fiore, A. Morales-Garoffolo, N. Elias-Rosa, M. Singh, R. Dastidar, P. Ochner, L. Tartaglia, B. Kumar, and S. B. Pandey. Photometric and spectroscopic evolution of the peculiar Type II<sub>n</sub> SN 2012ab. *MNRAS*, 499(1):129–148, Nov. 2020, 2008.10482.
- [407] A. Gangopadhyay, K. Misra, D. K. Sahu, S.-Q. Wang, B. Kumar, L. Li, G. C. Anupama, R. Dastidar, N. Elias-Rosa, B. Kumar, M. Singh, S. B. Pandey, P. Sanwal, A. Singh, S. Srivastav, L. Tartaglia, and L. Tomasella. Optical studies of two stripped-envelope supernovae - SN 2015ap (Type Ib) and SN 2016P (Type Ic). *MNRAS*, 497(3):3770–3789, Sept. 2020, 2006.09810.
- [406] A. Gangopadhyay, K. Misra, D. Hiramatsu, S.-Q. Wang, G. Hosseinzadeh, X. Wang, S. Valenti, J. Zhang, D. A. Howell, I. Arcavi, G. C. Anupama, J. Burke, R. Dastidar, K. Itagaki, B. Kumar, B. Kumar, L. Li, C. McCully, J. Mo, S. B. Pandey, C. Pellegrino, H. Sai, D. K. Sahu, P. Sanwal, A. Singh, M. Singh, J. Zhang, T. Zhang, and X. Zhang. Flash Ionization Signatures in the Type Ib<sub>n</sub> Supernova SN 2019uo. *ApJ*, 889(2):170, Feb. 2020, 1912.07878.
- [405] A. Durgapal, G. Rangwal, D. Bisht, H. Kaur, R. K. S. Yadav, and J. C. Pandey. A search for variable stars in the four open star clusters. *Journal of Astrophysics and Astronomy*, 41(1):13, May 2020, 2003.02442.
- [404] A. Durgapal, D. Bisht, G. Rangwal, H. Kaur, and R. K. S. Yadav. Study of open cluster King 13 using CCD VI, 2MASS and Gaia DR2 Astrometry. *New A*, 78:101364, July 2020, 2001.07398.
- [403] K. A. Bostroem, S. Valenti, D. J. Sand, J. E. Andrews, S. D. Van Dyk, L. Galbany, D. Pooley, R. C. Amaro, N. Smith, S. Yang, G. C. Anupama, I. Arcavi, E. Baron, P. J. Brown, J. Burke, R. Cartier, D. Hiramatsu, R. Dastidar, J. M. DerKacy, Y. Dong, E. Egami, S. Ertel, A. V. Filippenko, O. D. Fox, J. Haislip, G. Hosseinzadeh, D. A. Howell, A. Gangopadhyay, S. W. Jha, V. Kouprianov, B. Kumar, M. Lundquist, D. Milisavljevic, C. McCully, P. Milne, K. Misra, D. E. Reichart, D. K. Sahu, H. Sai, A. Singh, P. S. Smith, J. Vinko, X. Wang, Y. Wang, J. C. Wheeler, G. G. Williams, S. Wyatt, J. Zhang, and X. Zhang. Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. *ApJ*, 895(1):31, May 2020, 1909.07304.
- [402] M. Singh, K. Misra, D. K. Sahu, R. Dastidar, A. Gangopadhyay, S. Srivastav, G. C. Anupama, S. Bose, V. Lipunov, N. K. Chakradhari, B. Kumar, B. Kumar, S. B. Pandey, E. Gorbovskoy, and P. Balanutsa. Observational properties of a Type Ib supernova MASTER OT J120451.50+265946.6 in NGC 4080. *MNRAS*, 485(4):5438–5452, June 2019, 1903.06243.
- [401] S. Sato, P. Chieh Huang, W. P. Chen, T. Zenno, C. Eswaraiah, B. H. Su, S. Abe, D. Kinoshita, and J. W. Wang. Triple Range Imager and POLarimeter (TRIPOL)—a compact and economical optical imaging polarimeter for small telescopes. *Research in Astronomy and Astrophysics*, 19(9):136, Sept. 2019, 1905.01845.
- [400] S. B. Pandey, Y. Hu, A. J. Castro-Tirado, A. S. Pozanenko, R. Sánchez-Ramírez, J. Gorosabel, S. Guziy, M. Jelinek, J. C. Tello, S. Jeong, S. R. Oates, B. B. Zhang, E. D. Mazaeva, A. A. Volnova, P. Y. Minaev, H. J. van Eerten, M. D. Caballero-García, D. Pérez-Ramírez, M. Bremer, J. M. Winters, I. H. Park, A. N. Guelbenzu, S. Klose, A. Moskvitin, V. V. Sokolov, E. Sonbas, A. Ayala, J. Cepa, N. Butler, E. Troja, A. M. Chernenko, S. V. Molkov, A. E. Volvach, R. Y. Inasaridze, S. A. Egamberdiyev, O. Burkhonov, I. V. Reva, K. A. Polyakov, A. A. Matkin, A. L. Ivanov, I. Molotov, T. Guver, A. M. Watson, A. Kutyrev, W. H. Lee, O. Fox, O. Littlejohns, A. Cucchiara, J. Gonzalez, M. G. Richer, C. G. Román-Zúñiga, N. R. Tanvir, J. S. Bloom, J. X. Prochaska, N. Gehrels, H. Moseley, J. A. de Diego, E. Ramírez-Ruiz, E. V. Klunko, Y. Fan, X. Zhao, J. Bai, C. Wang, Y. Xin, C. Cui, N. Tungalag, Z. K. Peng, A. Kumar, R. Gupta, A. Aryan, B. Kumar, L. N. Volvach, G. P. Lamb, and A. F. Valeev. A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. *MNRAS*, 485(4):5294–5318, June 2019, 1902.07900.
- [399] D. Nhlapo, S. Joshi, B. Letarte, N. K. Chakradhari, and S. K. Tiwari. Ground-based photometric survey to search for the pulsational variability in Bp, Ap, and Am stars. *Bulletin de la Societe Royale des Sciences de Liege*, 88:248–255, Oct. 2019, 1911.01665.
- [398] S. Mishra, Gopal-Krishna, H. Chand, K. Chand, and V. Ojha. Are there broad absorption-line blazars? *MNRAS*, 489(1):L42–L46, Oct. 2019, 1908.01015.
- [397] S. Lata, A. K. Pandey, R. Kesh Yadav, A. Richichi, P. Irawati, N. Panwar, V. S. Dhillon, and T. R. Marsh. Short-period Variable Stars in Young Open Cluster Stock 8. *AJ*, 158(2):68, Aug. 2019, 1906.07490.

- [396] B. Kumar, C. Eswaraiah, A. Singh, D. K. Sahu, G. C. Anupama, K. S. Kawabata, M. Yamanaka, I. Otsubo, S. B. Pandey, T. Nakaoka, M. Kawabata, A. Aryan, and H. Akitaya. On the observational behaviour of the highly polarized Type II<sub>n</sub> supernova SN 2017hcc. *MNRAS*, 488(3):3089–3099, Sept. 2019, 1907.03160.
- [395] S. Karmakar, J. C. Pandey, S. Naik, I. S. Savanov, and A. Raj. Magnetic activities on active solar-type stars. *Bulletin de la Societe Royale des Sciences de Liege*, 88:182–189, Oct. 2019, 1905.13512.
- [394] S. Karmakar. *Evolution of magnetic activities in Late-type stars*. PhD thesis, Aryabhata Research Institute of Observational Sciences, India; Pandit Ravishanka Shukla University, India, Mar. 2019.
- [393] Y. C. Joshi, K. Sharma, A. Gangopadhyay, R. Gokhale, and K. Misra. A Long-term Photometric Variability and Spectroscopic Study of Luminous Blue Variable AF And in M31. *AJ*, 158(5):175, Nov. 2019, 1908.01893.
- [392] S. Joshi and P. De Cat. Overview of the BINA Activities. *Bulletin de la Societe Royale des Sciences de Liege*, 88:19–30, Oct. 2019, 1911.00346.
- [391] C. Eswaraiah, S.-P. Lai, Y. Ma, A. K. Pandey, J. Jose, Z. Chen, M. R. Samal, J.-W. Wang, S. Sharma, and D. K. Ojha. Polarimetric and Photometric Investigation of the Dark Globule LDN 1225: Distance, Extinction Law, and Magnetic Fields. *ApJ*, 875(1):64, Apr. 2019, 1812.08920.
- [390] S. Dutta, S. Mondal, S. Joshi, and R. Das. Optical photometric variable stars towards Cygnus OB7. *MNRAS*, 487(2):1765–1776, Aug. 2019, 1905.06574.
- [389] R. Dastidar, K. Misra, M. Singh, D. K. Sahu, A. Pastorello, A. Gangopadhyay, L. Tomasella, S. Benetti, G. Terreran, P. Sanwal, B. Kumar, A. Singh, B. Kumar, G. C. Anupama, and S. B. Pandey. SN 2016B a.k.a. ASASSN-16ab: a transitional Type II supernova. *MNRAS*, 486(2):2850–2872, June 2019, 1904.01844.
- [388] G. B. Choudhury, A. Barman, H. S. Das, and B. J. Medhi. Bok globule CB 17: polarization, extinction and distance. *MNRAS*, 487(1):475–485, July 2019, 1904.12833.
- [387] B. Arora, J. C. Pandey, A. Joshi, and M. De Becker. Polarization study of massive binaries with the ARIES-1.04 m telescope. *Bulletin de la Societe Royale des Sciences de Liege*, 88:287–290, Oct. 2019.
- [386] J. E. Andrews, D. J. Sand, S. Valenti, N. Smith, R. Dastidar, D. K. Sahu, K. Misra, A. Singh, D. Hiramatsu, P. J. Brown, G. Hosseinzadeh, S. Wyatt, J. Vinko, G. C. Anupama, I. Arcavi, C. Ashall, S. Benetti, M. Berton, K. A. Bostroem, M. Bulla, J. Burke, S. Chen, L. Chomiuk, A. Cikota, E. Congiu, B. Cseh, S. Davis, N. Elias-Rosa, T. Faran, M. Fraser, L. Galbany, C. Gall, A. Gal-Yam, A. Gangopadhyay, M. Gromadzki, J. Haislip, D. A. Howell, E. Y. Hsiao, C. Inserra, E. Kankare, H. Kuncarayakti, V. Kouprianov, B. Kumar, X. Li, H. Lin, K. Maguire, P. Mazzali, C. McCully, P. Milne, J. Mo, N. Morrell, M. Nicholl, P. Ochner, F. Olivares, A. Pastorello, F. Patat, M. Phillips, G. Pignata, S. Prentice, A. Reguitti, D. E. Reichart, Ó. Rodríguez, L. Rui, P. Sanwal, K. Sárneczky, M. Shahbandeh, M. Singh, S. Smartt, J. Strader, M. D. Stritzinger, R. Szakáts, L. Tartaglia, H. Wang, L. Wang, X. Wang, J. C. Wheeler, D. Xiang, O. Yaron, D. R. Young, and J. Zhang. SN 2017gmr: An Energetic Type II-P Supernova with Asymmetries. *ApJ*, 885(1):43, Nov. 2019, 1907.01013.
- [385] M. Singh, K. Misra, D. K. Sahu, R. Dastidar, A. Gangopadhyay, S. Bose, S. Srivastav, G. C. Anupama, N. K. Chakradhari, B. Kumar, B. Kumar, and S. B. Pandey. Exploring the optical behaviour of a Type Iax supernova SN 2014dt. *MNRAS*, 474(2):2551–2563, Feb. 2018, 1711.00292.
- [384] S. Neha, G. Maheswar, A. Soam, and C. W. Lee. Polarization of seven MBM clouds at high Galactic latitude. *MNRAS*, 476(4):4442–4458, June 2018, 1802.09191.
- [383] C. D. Lee, C. Eswaraiah, W. P. Chen, and A. K. Pandey. A Multicolor Study of Polarization Variability in Isolated B[e] Stars HD 45677 and HD 50138. *AJ*, 156(3):115, Sept. 2018.
- [382] B. Kumar, S. B. Pandey, K. L. Pandey, G. C. Anupama, and J. Surdej. Supernovae study: Context of the 4-m ILMT facility. *arXiv e-prints*, page arXiv:1802.00201, Feb. 2018, 1802.00201.
- [381] A. Gangopadhyay, K. Misra, A. Pastorello, D. K. Sahu, L. Tomasella, L. Tartaglia, M. Singh, R. Dastidar, S. Srivastav, P. Ochner, P. J. Brown, G. C. Anupama, S. Benetti, E. Cappellaro, B. Kumar, B. Kumar, and S. B. Pandey. SN 2015as: a low-luminosity Type IIb supernova without an early light-curve peak. *MNRAS*, 476(3):3611–3630, Feb. 2018, 1802.06731.

- [380] D. Bisht, S. Ganesh, K. S. Baliyan, R. S. Yadav, and A. Durgapal. Study of II Galactic quadrant of Milky Way Galaxy using open clusters. *Bulletin de la Societe Royale des Sciences de Liege*, 87:229–233, Apr. 2018.
- [379] J.-W. Wang, S.-P. Lai, C. Eswaraiyah, D. P. Clemens, W.-P. Chen, and A. K. Pandey. Multiwavelength Stellar Polarimetry of the Filamentary Cloud IC5146. I. Dust Properties. *ApJ*, 849(2):157, Nov. 2017, 1710.03899.
- [378] A. Soam, G. Maheswar, C. W. Lee, S. Neha, and B. G. Andersson. Magnetic field structure of IC 63 and IC 59 associated with H II region Sh 185. *MNRAS*, 465(1):559–568, Feb. 2017, 1611.02820.
- [377] S. Sharma, A. K. Pandey, D. K. Ojha, H. Bhatt, K. Ogura, N. Kobayashi, R. Yadav, and J. C. Pandey. Stellar contents and star formation in the NGC 7538 region. *MNRAS*, 467(3):2943–2965, May 2017, 1701.00975.
- [376] R. Sagar. A Global Prospective of the Indian Optical and Near-Infrared Observational Facilities in the Field of Astronomy and Astrophysics: A Review. *Proceedings of the Indian National Science Academy Part A*, 87:1–10, Mar. 2017, 1607.06455.
- [375] G. C. Joshi. Test of depending frequencies of the variable Stars of OC: NGC 6866. *arXiv e-prints*, page arXiv:1712.00701, Dec. 2017, 1712.00701.
- [374] A. C. Gupta, A. Agarwal, A. Mishra, H. Gaur, P. J. Wiita, M. F. Gu, O. M. Kurtanidze, G. Damljanovic, M. Uemura, E. Semkov, A. Strigachev, R. Bachev, O. Vince, Z. Zhang, B. Villarroel, P. Kushwaha, A. Pandey, T. Abe, R. Chanishvili, R. A. Chigladze, J. H. Fan, J. Hirochi, R. Itoh, Y. Kanda, M. Kawabata, G. N. Kimeridze, S. O. Kurtanidze, G. Latev, R. V. M. Dimitrova, T. Nakaoka, M. G. Nikolashvili, K. Shiki, L. A. Sigua, and B. Spassov. Multiband optical variability of the blazar OJ 287 during its outbursts in 2015-2016. *MNRAS*, 465(4):4423–4433, Mar. 2017, 1611.07561.
- [373] A. Goyal, Ł. Stawarz, M. Ostrowski, V. Larionov, Gopal-Krishna, P. J. Wiita, S. Joshi, M. Soida, and I. Agudo. Multiwavelength Variability Study of the Classical BL Lac Object PKS 0735+178 on Timescales Ranging from Decades to Minutes. *ApJ*, 837(2):127, Mar. 2017, 1702.02504.
- [372] S. Dutta, S. Mondal, J. Jose, and R. K. Das. Stellar Population and Star Formation History of the Distant Galactic H II Regions NGC 2282 and Sh2-149. In Y. Y. Balega, D. O. Kudryavtsev, I. I. Romanyuk, and I. A. Yakunin, editors, *Stars: From Collapse to Collapse*, volume 510 of *Astronomical Society of the Pacific Conference Series*, page 85, June 2017, 1806.00005.
- [371] M. J. Valtonen, S. Zola, S. Ciprini, A. Gopakumar, K. Matsumoto, K. Sadakane, M. Kidger, K. Gazeas, K. Nilsson, A. Berdyugin, V. Pirola, H. Jermak, K. S. Baliyan, F. Alicavus, D. Boyd, M. Campas Torrent, F. Campos, J. Carrillo Gómez, D. B. Caton, V. Chavushyan, J. Dalessio, B. Debski, D. Dimitrov, M. Drozd, H. Er, A. Erdem, A. Escartin Pérez, V. Fallah Ramazani, A. V. Filippenko, S. Ganesh, F. Garcia, F. Gómez Pinilla, M. Gopinathan, J. B. Haislip, R. Hudec, G. Hurst, K. M. Ivarsen, M. Jelinek, A. Joshi, M. Kagitani, N. Kaur, W. C. Keel, A. P. LaCluyze, B. C. Lee, E. Lindfors, J. Lozano de Haro, J. P. Moore, M. Mugrauer, R. Naves Nogueas, A. W. Neely, R. H. Nelson, W. Ogloza, S. Okano, J. C. Pandey, M. Perri, P. Pihajoki, G. Poyner, J. Provencal, T. Pursimo, A. Raj, D. E. Reichart, R. Reinthal, S. Sadegi, T. Sakanoi, J. L. Salto González, Sameer, T. Schweyer, M. Siwak, F. C. Soldán Alfaro, E. Sonbas, I. Steele, J. T. Stocke, J. Strobl, L. O. Takalo, T. Tomov, L. Tremosa Espasa, J. R. Valdes, J. Valero Pérez, F. Verrecchia, J. R. Webb, M. Yoneda, M. Zejmo, W. Zheng, J. Telting, J. Saario, T. Reynolds, A. Kvammen, E. Gafton, R. Karjalainen, J. Harmanen, and P. Blay. Primary Black Hole Spin in OJ 287 as Determined by the General Relativity Centenary Flare. *ApJL*, 819(2):L37, Mar. 2016, 1603.04171.
- [370] S. Srivastav, J. P. Ninan, B. Kumar, G. C. Anupama, D. K. Sahu, D. K. Ojha, and T. P. Prabhu. Optical and NIR observations of the nearby type Ia supernova SN 2014J. *MNRAS*, 457(1):1000–1014, Mar. 2016, 1601.00805.
- [369] R. Roy, J. Sollerman, J. M. Silverman, A. Pastorello, C. Fransson, A. Drake, F. Taddia, C. Fremling, E. Kankare, B. Kumar, E. Cappellaro, S. Bose, S. Benetti, A. V. Filippenko, S. Valenti, A. Nyholm, M. Ergon, F. Sutaria, B. Kumar, S. B. Pandey, M. Nicholl, D. Garcia-Álvarez, L. Tomasella, E. Karamehmetoglu, and K. Migotto. SN 2012aa: A transient between Type Ibc core-collapse and superluminous supernovae. *A&A*, 596:A67, Dec. 2016, 1607.00924.
- [368] M. K. Patel, J. C. Pandey, S. Karmakar, D. C. Srivastava, and I. S. Savanov. Broad-band linear polarization in late-type active dwarfs. *MNRAS*, 457(3):3178–3190, Apr. 2016, 1602.01936.

- [367] S. Neha, G. Maheswar, A. Soam, C. W. Lee, and A. Tej. Magnetic field geometry of an unusual cometary cloud Gal 110-13. *A&A*, 588:A45, Apr. 2016, 1603.03878.
- [366] P. Kumar, H. Chand, and Gopal-Krishna. Intranight optical variability of radio-quiet weak emission line quasars - IV. *MNRAS*, 461(1):666–673, Sept. 2016, 1606.01466.
- [365] B. Kumar, S. B. Pandey, C. Eswaraiah, and K. S. Kawabata. Broad-band polarimetric investigation of the Type II-plateau supernova 2013ej. *MNRAS*, 456(3):3157–3167, Mar. 2016, 1511.05736.
- [364] S. Karmakar, J. C. Pandey, I. S. Savanov, G. Taş, S. B. Pandey, K. Misra, S. Joshi, E. S. Dmitrienko, T. Sakamoto, N. Gehrels, and T. Okajima. LO Peg: surface differential rotation, flares, and spot-topographic evolution. *MNRAS*, 459(3):3112–3129, July 2016, 1608.06522.
- [363] Y. C. Joshi, R. Jagirdar, and S. Joshi. Photometric studies of two W UMa type variables in the field of distant open cluster NGC 6866. *Research in Astronomy and Astrophysics*, 16(4):63, Apr. 2016, 1510.07060.
- [362] S. Joshi, P. Martinez, S. Chowdhury, N. K. Chakradhari, Y. C. Joshi, P. van Heerden, T. Medupe, Y. B. Kumar, and R. B. Kuhn. The Nainital-Cape Survey. IV. A search for pulsational variability in 108 chemically peculiar stars. *A&A*, 590:A116, May 2016, 1603.03517.
- [361] A. Joshi, J. C. Pandey, K. P. Singh, and P. C. Agrawal. PALOMA: A Magnetic CV between Polars and Intermediate Polars. *ApJ*, 830(2):56, Oct. 2016, 1610.00557.
- [360] A. Das, H. S. Das, B. J. Medhi, and S. Wolf. Magnetic field geometry of the large globule CB 34. *Ap&SS*, 361(12):381, Dec. 2016, 1611.00189.
- [359] S. Bose, B. Kumar, K. Misra, K. Matsumoto, B. Kumar, M. Singh, D. Fukushima, and M. Kawabata. Photometric and polarimetric observations of fast declining Type II supernovae 2013hj and 2014G. *MNRAS*, 455(3):2712–2730, Jan. 2016, 1510.01927.
- [358] D. Bisht, R. K. S. Yadav, and A. K. Durgapal. UBVI photometric study of open star clusters Ruprecht 25 and Czernik 6. *New A*, 49:1–7, Nov. 2016.
- [357] D. Bisht, R. K. S. Yadav, and A. K. Durgapal. Mass function study of open star clusters Haffner 11 and Czernik 31. *New A*, 47:19–23, Aug. 2016.
- [356] A. Soam, G. Maheswar, C. W. Lee, S. Dib, H. C. Bhatt, M. Tamura, and G. Kim. Magnetic field structure around cores with very low luminosity objects. *A&A*, 573:A34, Jan. 2015, 1411.0785.
- [355] A. Soam, J. Kwon, G. Maheswar, M. Tamura, and C. W. Lee. Optical and NIR Polarimetry of a Core L328 with Proto-Brown Dwarf. In D. Iono, K. Tatematsu, A. Wootten, and L. Testi, editors, *Revolution in Astronomy with ALMA: The Third Year*, volume 499 of *Astronomical Society of the Pacific Conference Series*, page 293, Dec. 2015.
- [354] A. Soam, J. Kwon, G. Maheswar, M. Tamura, and C. W. Lee. First Optical and Near-infrared Polarimetry of a Molecular Cloud Forming a Proto-brown Dwarf Candidate. *ApJL*, 803(2):L20, Apr. 2015.
- [353] S. Sharma and S. Shekhar. The 130 cm telescope at Devasthal. In *Astronomical Society of India Conference Series*, volume 12 of *Astronomical Society of India Conference Series*, pages 147–148, Jan. 2015.
- [352] P. D. ROY, P. Halder, H. Sekhar Das, and B. J. Medhi. Polarimetric Studies of comets C/2013 V1 (Boattini) and 290P/Jager. In *IAU General Assembly*, volume 29, page 2256508, Aug. 2015.
- [351] P. D. Roy, P. Halder, H. S. Das, and B. J. Medhi. Imaging polarimetry of comets C/2013 V1 (Boattini) and 290P/Jager before and after perihelion. *arXiv e-prints*, page arXiv:1503.08151, Mar. 2015, 1503.08151.
- [350] C.-C. Ngeow, C.-H. Lee, M. T.-C. Yang, C.-S. Lin, H.-Y. Hsiao, Y.-C. Cheng, Z.-Y. Lin, I. L. Lin, S. M. Kanbur, and W.-H. Ip. VI-Band Follow-Up Observations of Ultra-Long-Period Cepheid Candidates in M31. *AJ*, 149(2):66, Feb. 2015, 1501.02456.
- [349] C. H. Lee, A. Riffeser, S. Seitz, R. Bender, and J. Koppenhoefer. Microlensing events from the 11-year Observations of the Wendelstein Calar Alto Pixellensing Project. *ApJ*, 806(2):161, June 2015, 1504.07246.

- [348] N. Kains, A. Arellano Ferro, R. Figuera Jaimes, D. M. Bramich, J. Skottfelt, U. G. Jørgensen, Y. Tsapras, R. A. Street, P. Browne, M. Dominik, K. Horne, M. Hundertmark, S. Ipatov, C. Snodgrass, I. A. Steele, Lcoct/Robonet Consortium, K. A. Alsubai, V. Bozza, S. Calchi Novati, S. Ciceri, G. D'Agó, P. Galianni, S. H. Gu, K. Harpsøe, T. C. Hinse, D. Juncher, H. Korhonen, L. Mancini, A. Popovas, M. Rabus, S. Rahvar, J. Southworth, J. Surdej, C. Vilela, X. B. Wang, O. Wertz, and Mindstep Consortium. A census of variability in globular cluster M 68 (NGC 4590). *A&A*, 578:A128, June 2015, 1502.07345.
- [347] S. Joshi, E. Semenko, A. Moiseeva, G. C. Joshi, Y. C. Joshi, and M. Sachkov. Photometric and Spectroscopic Analysis of CP Stars Under Indo-Russian Collaboration. In Y. Y. Balega, I. I. Romanyuk, and D. O. Kudryavtsev, editors, *Physics and Evolution of Magnetic and Related Stars*, volume 494 of *Astronomical Society of the Pacific Conference Series*, page 210, Apr. 2015.
- [346] S. Joshi, G. C. Joshi, Y. C. Joshi, and R. Aggrawal. Time Resolved Photometric and Spectroscopic Analysis of Chemically Peculiar Stars. In G. Meynet, C. Georgy, J. Groh, and P. Stee, editors, *New Windows on Massive Stars*, volume 307, pages 218–219, Jan. 2015.
- [345] H. Gaur, A. C. Gupta, R. Bachev, A. Strigachev, E. Semkov, P. J. Wiita, A. E. Volvach, M. F. Gu, A. Agarwal, I. Agudo, M. F. Aller, H. D. Aller, O. M. Kurtanidze, S. O. Kurtanidze, A. Lähteenmäki, S. Peneva, M. G. Nikolashvili, L. A. Sigua, M. Tornikoski, and L. N. Volvach. Optical and radio variability of BL Lacertae. *A&A*, 582:A103, Oct. 2015, 1508.00959.
- [344] S. Dutta, S. Mondal, J. Jose, R. K. Das, M. R. Samal, and S. Ghosh. The young cluster NGC 2282: a multi-wavelength perspective. *MNRAS*, 454(4):3597–3612, Dec. 2015, 1509.08594.
- [343] P. Deb Roy, P. Halder, H. S. Das, and B. J. Medhi. Imaging polarimetry of comets C/2013 V1 (Boattini) and 290P/Jager before and after perihelion. *MNRAS*, 450(2):1770–1776, June 2015.
- [342] P. Deb Roy, H. S. Das, and B. J. Medhi. Imaging polarimetry of Comet C/2012 L2 (LINEAR). *Icarus*, 245:241–246, Jan. 2015, 1410.1660.
- [341] S. Bose, S. Valenti, K. Misra, M. L. Pumo, L. Zampieri, D. Sand, B. Kumar, A. Pastorello, F. Sutaria, T. J. Maccarone, B. Kumar, M. L. Graham, D. A. Howell, P. Ochner, H. C. Chandola, and S. B. Pandey. SN 2013ab: a normal Type IIP supernova in NGC 5669. *MNRAS*, 450(3):2373–2392, July 2015, 1504.00838.
- [340] S. Bose, F. Sutaria, B. Kumar, C. Duggal, K. Misra, P. J. Brown, M. Singh, V. Dwarkadas, D. G. York, S. Chakraborti, H. C. Chandola, J. Dahlstrom, A. Ray, and M. Safonova. SN 2013ej: A Type IIL Supernova with Weak Signs of Interaction. *ApJ*, 806(2):160, June 2015, 1504.06207.
- [339] A. Agarwal and A. C. Gupta. Multiband optical variability studies of BL Lacertae. *MNRAS*, 450(1):541–551, June 2015, 1506.00574.
- [338] A. Tripathi, U. S. Pandey, and B. Kumar. Structure and mass function of three young open clusters. *New A*, 29:1–8, May 2014.
- [337] A. Soam, G. Maheswar, and C. Eswaraiiah. Additional polarised standards in the fields of known bright standard stars. *Ap&SS*, 350(1):251–263, Mar. 2014.
- [336] D. P. Sariya, S. Lata, and R. K. S. Yadav. Variable stars in the globular cluster NGC 4590 (M68). *New A*, 27:56–62, Feb. 2014.
- [335] M. R. Samal, A. Zavagno, L. Deharveng, S. Molinari, D. K. Ojha, D. Paradis, J. Tigé, A. K. Pandey, and D. Russeil. The molecular complex associated with the Galactic H II region Sh2-90: a possible site of triggered star formation. *A&A*, 566:A122, June 2014, 1403.7925.
- [334] R. Roy, F. Sutaria, S. Bose, S. Johnson, V. Dwarkadas, B. York, B. Kumar, B. Kumar, V. K. Bhatt, S. Chakraborti, D. York, A. Ritchey, G. Saurage, and M. B. Kaiser. The optical photometric and spectroscopic investigation of Type IIP supernova 2012A. In A. Ray and R. A. McCray, editors, *Supernova Environmental Impacts*, volume 296, pages 116–120, Jan. 2014, 1304.2457.
- [333] R. Roy and B. Kumar. Type Ib Supernova 2007uy - a multiwavelegth perspective. In A. Ray and R. A. McCray, editors, *Supernova Environmental Impacts*, volume 296, pages 344–345, Jan. 2014.

- [332] P. D. Roy, H. Sekhar Das, and B. Medhi. Polarimetric studies of comet C/2012 L2 (LINEAR). In K. Muinonen, A. Penttilä, M. Granvik, A. Virkki, G. Fedorets, O. Wilkman, and T. Kohout, editors, *Asteroids, Comets, Meteors 2014*, page 125, July 2014.
- [331] N. Panwar, W. P. Chen, A. K. Pandey, M. R. Samal, K. Ogura, D. K. Ojha, J. Jose, and B. C. Bhatt. Young stellar population of bright-rimmed clouds BRC 5, BRC 7 and BRC 39. *MNRAS*, 443(2):1614–1628, Sept. 2014, 1406.6116.
- [330] B. Kumar, S. B. Pandey, C. Eswaraiah, and J. Gorosabel. Broad-band polarimetric follow-up of Type IIP SN 2012aw. *MNRAS*, 442(1):2–12, July 2014, 1404.6060.
- [329] B. Kumar. Multi-band optical light-curve behavior of core-collapse supernovae. In A. Ray and R. A. McCray, editors, *Supernova Environmental Impacts*, volume 296, pages 352–353, Jan. 2014, 1304.2461.
- [328] M. C. Karthick, Á. R. López-Sánchez, D. K. Sahu, B. B. Sanwal, and S. Bisht. Photometric and spectroscopic studies of star-forming regions within Wolf-Rayet galaxies. *MNRAS*, 439(1):157–178, Mar. 2014.
- [327] Y. C. Joshi, L. A. Balona, S. Joshi, and B. Kumar. Photometric study of the open cluster - II. Stellar population and dynamical evolution in NGC 559. *MNRAS*, 437(1):804–815, Jan. 2014, 1310.2178.
- [326] C. Guidorzi, C. G. Mundell, R. Harrison, R. Margutti, V. Sudilovsky, B. A. Zauderer, S. Kobayashi, A. Cucchiara, A. Melandri, S. B. Pandey, E. Berger, D. Bersier, V. D’Elia, A. Gomboc, J. Greiner, J. Japelj, D. Kopač, B. Kumar, D. Malesani, C. J. Mottram, P. T. O’Brien, A. Rau, R. J. Smith, I. A. Steele, N. R. Tanvir, and F. Virgili. New constraints on gamma-ray burst jet geometry and relativistic shock physics. *MNRAS*, 438(1):752–767, Feb. 2014, 1311.4340.
- [325] S. Bose, B. Kumar, F. Sutaria, R. Roy, B. Kumar, V. K. Bhatt, and S. Chakraborti. Optical observations of supernova 2012aw. In A. Ray and R. A. McCray, editors, *Supernova Environmental Impacts*, volume 296, pages 334–335, Jan. 2014.
- [324] F. Taris, A. Andrei, A. Klotz, F. Vachier, R. Côte, S. Bouquillon, J. Souchay, S. Lambert, S. Anton, G. Bourda, and D. Coward. Optical monitoring of extragalactic sources for linking the ICRF and the future Gaia celestial reference frame. I. Variability of ICRF sources. *A&A*, 552:A98, Apr. 2013.
- [323] A. Soam, G. Maheswar, H. C. Bhatt, C. W. Lee, and A. N. Ramaprakash. Magnetic fields in cometary globules - IV. LBN 437. *MNRAS*, 432(2):1502–1512, June 2013, 1304.1618.
- [322] R. Sagar, B. Kumar, and A. Omar. Optical Astronomical Facilities at Nainital, India. *arXiv e-prints*, page arXiv:1304.0235, Mar. 2013, 1304.0235.
- [321] R. Roy, B. Kumar, J. R. Maund, P. Schady, E. F. Olivares, D. Malesani, G. Leloudas, S. Nandi, N. Tanvir, D. Milisavljevic, J. Hjorth, K. Misra, B. Kumar, S. B. Pandey, R. Sagar, and H. C. Chandola. SN 2007uy - metamorphosis of an aspheric Type Ib explosion. *MNRAS*, 434(3):2032–2050, Sept. 2013, 1306.5389.
- [320] V. Prasad, J. C. Pandey, M. K. Patel, and D. C. Srivastava. BVRI photometric and polarimetric studies of W UMa type eclipsing binary FO Hydra. *New A*, 20:52–61, Apr. 2013, 1210.3900.
- [319] D. Path Sariya, S. Lata, and R. K. S. Yadav. Variable Stars in the Globular Cluster NGC 4590 (M68). *arXiv e-prints*, page arXiv:1309.2433, Sept. 2013, 1309.2433.
- [318] M. K. Patel, J. C. Pandey, I. S. Savanov, V. Prasad, and D. C. Srivastava. Study of photospheric, chromospheric and coronal activities of V1147 Tau. *MNRAS*, 430(3):2154–2168, Apr. 2013.
- [317] A. K. Pandey, C. Eswaraiah, S. Sharma, M. R. Samal, N. Chauhan, W. P. Chen, J. Jose, D. K. Ojha, R. Kesh Yadav, and H. C. Chandola. Optical Photometric and Polarimetric Investigation of NGC 1931. *ApJ*, 764(2):172, Feb. 2013, 1212.6706.
- [316] A. Kumar Tripathi. Role of solar influences on geomagnetosphere and upper atmosphere. In *Astronomical Society of India Conference Series*, volume 9 of *Astronomical Society of India Conference Series*, page 103, Jan. 2013.



- [315] B. Kumar, S. B. Pandey, D. K. Sahu, J. Vinko, A. S. Moskvitin, G. C. Anupama, V. K. Bhatt, A. Ordasi, A. Nagy, V. V. Sokolov, T. N. Sokolova, V. N. Komarova, B. Kumar, S. Bose, R. Roy, and R. Sagar. Light curve and spectral evolution of the Type IIb supernova 2011fu. *MNRAS*, 431(1):308–321, May 2013, 1301.6538.
- [314] C. Karthick. M, A. R. Lopez-Sanchez, D. K. Sahu, B. B. Sanwal, and S. Bisht. Photometric and spectroscopic studies of star-forming regions within Wolf-Rayet galaxies. *arXiv e-prints*, page arXiv:1311.7504, Nov. 2013, 1311.7504.
- [313] A. Goyal, M. Mhaskey, Gopal-Krishna, P. J. Wiita, C. S. Stalin, and R. Sagar. On the Photometric Error Calibration for the Differential Light Curves of Point-like Active Galactic Nuclei. *Journal of Astrophysics and Astronomy*, 34(3):273–296, Sept. 2013, 1306.5437.
- [312] A. Goyal, P. J. Gopal-Krishna, Wiita, C. S. Stalin, and R. Sagar. Improved characterization of intranight optical variability of prominent AGN classes. *MNRAS*, 435(2):1300–1312, Oct. 2013, 1307.5831.
- [311] Gopal-Krishna, R. Joshi, and H. Chand. Intranight optical variability of radio-quiet weak emission line quasars. *MNRAS*, 430(2):1302–1308, Apr. 2013, 1212.5384.
- [310] C. Eswaraiiah, G. Maheswar, A. K. Pandey, J. Jose, A. N. Ramaprakash, and H. C. Bhatt. A study of the starless dark cloud LDN 1570: Distance, dust properties, and magnetic field geometry. *A&A*, 556:A65, Aug. 2013, 1305.5035.
- [309] V. Dixit, P. Chaturvedi, A. Chakraborty, S. Mahadevan, A. Roy, and V. Dongre. Precision radial-velocity measurements on bright Sun-like stars. In *Astronomical Society of India Conference Series*, volume 9 of *Astronomical Society of India Conference Series*, page 121, Jan. 2013.
- [308] H. S. Das, B. J. Medhi, S. Wolf, G. Bertrang, P. Deb Roy, and A. Chakraborty. Polarimetric studies of comet C/2009 P1 (Garradd). *MNRAS*, 436(4):3500–3506, Dec. 2013, 1309.6960.
- [307] U. Chaubey. Photometry of Delta-Scuti type pulsating components in two eclipsing binary stars. In *Astronomical Society of India Conference Series*, volume 9 of *Astronomical Society of India Conference Series*, page 121, Jan. 2013.
- [306] S. Bose, B. Kumar, F. Sutaria, B. Kumar, R. Roy, V. K. Bhatt, S. B. Pandey, H. C. Chandola, R. Sagar, K. Misra, and S. Chakraborti. Supernova 2012aw - a high-energy clone of archetypal Type IIP SN 1999em. *MNRAS*, 433(3):1871–1891, Aug. 2013, 1305.3152.
- [305] S. Sharma, A. K. Pandey, J. C. Pandey, N. Chauhan, K. Ogura, D. K. Ojha, J. Borrissova, H. Mito, T. Verdugo, and B. C. Bhatt. Multiwavelength Study of the NGC 281 Region. *PASJ*, 64:107, Oct. 2012, 1204.2897.
- [304] R. Sagar and S. B. Pandey. GRB afterglow observations from ARIES Nainital and their importance. In *Astronomical Society of India Conference Series*, volume 5 of *Astronomical Society of India Conference Series*, page 1, Jan. 2012.
- [303] R. Sagar, B. Kumar, A. Omar, and A. K. Pandey. New optical telescope projects at Devasthal Observatory. In L. M. Stepp, R. Gilmozzi, and H. J. Hall, editors, *Ground-based and Airborne Telescopes IV*, volume 8444 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, page 84441T, Sept. 2012, 1304.2474.
- [302] R. Sagar, B. Kumar, A. Omar, and Y. C. Joshi. New optical telescopes at Devasthal observatory : 1.3-m installed and 3.6-m upcoming. In *Astronomical Society of India Conference Series*, volume 4 of *Astronomical Society of India Conference Series*, page 173, Jan. 2012.
- [301] L. Resmi, K. Misra, G. Jóhannesson, A. J. Castro Tirado, J. Gorosabel, M. Jelínek, D. Bhattacharya, P. Kubánek, G. C. Anupama, A. Sota, D. K. Sahu, A. de Ugarte Postigo, S. B. Pandey, R. Sánchez Ramírez, M. Bremer, and R. Sagar. Comprehensive multiwavelength modelling of the afterglow of GRB 050525A. *MNRAS*, 427(1):288–297, Nov. 2012, 1207.3003.
- [300] A. K. Pandey. Star formation in and around young star clusters associated with HII regions. In *Astronomical Society of India Conference Series*, volume 4 of *Astronomical Society of India Conference Series*, page 81, Jan. 2012.

- [299] G. Maheswar and A. Soam. Optical polarimetry: tracing magnetic fields in Bok globules. In *Astronomical Society of India Conference Series*, volume 4 of *Astronomical Society of India Conference Series*, page 9, Jan. 2012.
- [298] Y. C. Joshi and D. Narasimha. Nainital microlensing survey – long-term photometric study of two novae in M 31. *Bulletin of the Astronomical Society of India*, 40:457–464, Sept. 2012.
- [297] Y. C. Joshi, S. Joshi, B. Kumar, S. Mondal, and L. A. Balona. Photometric study and detection of variable stars in the open clusters - I. NGC 6866. *MNRAS*, 419(3):2379–2390, Jan. 2012, 1109.6415.
- [296] J. Jose, A. K. Pandey, K. Ogura, M. R. Samal, D. K. Ojha, B. C. Bhatt, N. Chauhan, C. Eswaraiah, H. Mito, N. Kobayashi, and R. K. Yadav. Optical and near-infrared survey of the stellar contents associated with the star-forming complex Sh2-252. *MNRAS*, 424(4):2486–2503, Aug. 2012, 1212.6594.
- [295] J. Jose, A. K. Pandey, K. Ogura, and B. C. Bhatt. Young stellar population in the star-forming complex Sh2-252. In *Astronomical Society of India Conference Series*, volume 4 of *Astronomical Society of India Conference Series*, page 91, Jan. 2012.
- [294] A. C. Gupta, T. P. Krichbaum, P. J. Wiita, B. Rani, K. V. Sokolovsky, P. Mohan, A. Mangalam, N. Marchili, L. Fuhrmann, I. Agudo, U. Bach, R. Bachev, M. Böttcher, K. E. Gabanyi, H. Gaur, K. Hawkins, G. N. Kimeridze, O. M. Kurtanidze, S. O. Kurtanidze, C. U. Lee, X. Liu, B. McBreen, R. Nesci, G. Nestoras, M. G. Nikolashvili, J. M. Ohlert, N. Palma, S. Peneva, T. Pursimo, E. Semkov, A. Strigachev, J. R. Webb, H. Wiesemeyer, and J. A. Zensus. Multiwavelength intraday variability of the BL Lacertae S5 0716+714. *MNRAS*, 425(2):1357–1370, Sept. 2012, 1207.5942.
- [293] A. Goyal, Gopal-Krishna, P. J. Wiita, G. C. Anupama, D. K. Sahu, R. Sagar, and S. Joshi. Intra-night optical variability of core dominated radio quasars: the role of optical polarization. *A&A*, 544:A37, Aug. 2012, 1205.2324.
- [292] A. Golovin, M. C. Gálvez-Ortiz, M. Hernán-Obispo, M. Andreev, J. R. Barnes, D. Montes, E. Pavlenko, J. C. Pandey, R. Martínez-Arnáiz, B. J. Medhi, P. S. Parihar, A. Henden, A. Sergeev, S. V. Zaitsev, and N. Karpov. FR Cnc revisited: photometry, polarimetry and spectroscopy. *MNRAS*, 421(1):132–148, Mar. 2012, 1111.6595.
- [291] H. Gaur, A. C. Gupta, and P. J. Wiita. Multiwavelength Variability of the Blazars Mrk 421 and 3C 454.3 in the High State. *AJ*, 143(1):23, Jan. 2012, 1112.3126.
- [290] C. Eswaraiah, A. K. Pandey, G. Maheswar, W. P. Chen, D. K. Ojha, and H. C. Chandola. Broad-band optical polarimetric studies towards the Galactic young star cluster Berkeley 59. *MNRAS*, 419(3):2587–2605, Jan. 2012, 1109.6151.
- [289] N. Chauhan. Star formation in and around bright-rimmed clouds. In *Astronomical Society of India Conference Series*, volume 4 of *Astronomical Society of India Conference Series*, page 63, Jan. 2012.
- [288] H. Bhatt, R. Sagar, and J. C. Pandey. Stellar contents and star formation in the young cluster Stock 18. *New A*, 17(2):160–166, Feb. 2012, 1108.3407.
- [287] R. Bachev, E. Semkov, A. Strigachev, A. C. Gupta, H. Gaur, B. Mihov, S. Boeva, and L. Slavcheva-Mihova. The nature of the intra-night optical variability in blazars. *MNRAS*, 424(4):2625–2634, Aug. 2012, 1207.5945.
- [286] R. K. S. Yadav, E. V. Glushkhova, D. P. Sariya, A. V. Porokhova, B. Kumar, and R. Sagar. Optical photometric study of the open clusters Kaposov 12, Kaposov 53 and Kaposov 77. *MNRAS*, 414(1):652–658, June 2011.
- [285] A. Tripathi, B. Kumar, R. K. S. Yadav, and U. S. Pandey. UBVR photometry of young Galactic cluster NGC2129, NGC1502 and King12. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 124, Jan. 2011.
- [284] S. K. Tiwari, U. S. Pandey, U. S. Chaubey, A. Tripathi, S. Deb, and C. P. Pandey. Frequency analysis of systemic components of eight eclipsing binary systems. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 122, Jan. 2011.

- [283] A. Soam, M. Gopinathan, and C. Eswaraiah. Magnetic field geometry in L1014: A dense core with a very low luminosity object. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 130, Jan. 2011.
- [282] D. P. Sariya and R. K. S. Yadav. Space velocity of NGC 6121 (M4). In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 122, Jan. 2011.
- [281] D. J. Saikia. Highlights from the observatories. *Bulletin of the Astronomical Society of India*, 39:297–312, June 2011.
- [280] R. Roy, F. Sutura, B. Kumar, S. Chakraborti, A. Ray, and J. Prieto. Optical follow-up of core-collapse supernovae 2010hq and 2010jl. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 124, Jan. 2011.
- [279] R. Roy, B. Kumar, A. S. Moskvitin, S. Benetti, T. A. Fatkhullin, B. Kumar, K. Misra, F. Bufano, R. Martin, V. V. Sokolov, S. B. Pandey, H. C. Chandola, and R. Sagar. SN 2008gz - most likely a normal Type IIP event. *MNRAS*, 414(1):167–183, June 2011, 1102.1164.
- [278] R. Roy, B. Kumar, S. Benetti, A. Pastorello, F. Yuan, P. J. Brown, S. Immler, T. A. Fatkhullin, A. S. Moskvitin, J. Maund, C. W. Akerlof, J. C. Wheeler, V. V. Sokolov, R. M. Quimby, F. Bufano, B. Kumar, K. Misra, S. B. Pandey, N. Elias-Rosa, P. W. A. Roming, and R. Sagar. SN 2008in—Bridging the Gap between Normal and Faint Supernovae of Type IIP. *ApJ*, 736(2):76, Aug. 2011, 1106.2390.
- [277] V. Prasad, J. C. Pandey, D. C. Srivastava, and M. K. Patel. A CCD photometric study of the short period W Uma type eclipsing binary: FZ Orionis. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 127, Jan. 2011.
- [276] M. K. Patel, J. C. Pandey, V. Prasad, and D. C. Srivastava. Photometric variability of two BY Dra type stars. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 127, Jan. 2011.
- [275] P. S. Parihar and N. S. Shantikumar. Exploring the disk accretion in DI Cep. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 130, Jan. 2011.
- [274] J. C. Pandey, B. J. Medhi, and R. Sagar. Optical polarimetry and photometry of young sun-like star LO Peg. In D. Prasad Choudhary and K. G. Strassmeier, editors, *Physics of Sun and Star Spots*, volume 273, pages 455–459, Aug. 2011.
- [273] D. K. Ojha, M. R. Samal, A. K. Pandey, B. C. Bhatt, S. K. Ghosh, S. Sharma, M. Tamura, V. Mohan, and I. Zinchenko. Star Formation Activity in the Galactic H II Complex S255-S257. *ApJ*, 738(2):156, Sept. 2011, 1106.1858.
- [272] A. Maurya and S. Rastogi. Infrared emission modeling for vinyl PAHs. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 127, Jan. 2011.
- [271] B. B. Karak and A. R. Choudhuri. Modeling solar cycles using a variable meridional circulation in a flux transport dynamo model. In *Astronomical Society of India Conference Series*, volume 3 of *Astronomical Society of India Conference Series*, page 99, Jan. 2011.
- [270] S. Joshi, Y. C. Joshi, O. V. Ezhkova, M. Sachkov, T. Ryabchikova, O. Kochukhov, N. K. Chakradhari, and S. K. Tiwari. Time-Resolved Photoelectric, Photometric and High-Resolution Spectroscopic Data Analysis of a Luminous Ap Star HD 103498. In *Magnetic Stars*, pages 330–341, Jan. 2011.
- [269] R. Joshi, H. Chand, A. C. Gupta, and P. J. Wiita. Optical microvariability properties of BALQSOs. *MNRAS*, 412(4):2717–2728, Apr. 2011, 1011.5611.
- [268] J. Jose, A. K. Pandey, K. Ogura, D. K. Ojha, B. C. Bhatt, M. R. Samal, N. Chauhan, D. K. Sahu, and P. S. Rawat. A multiwavelength census of stellar contents in the young cluster NGC 1624. *MNRAS*, 411(4):2530–2548, Mar. 2011, 1010.2011.
- [267] Gopal-Krishna, A. Goyal, S. Joshi, C. Karthick, R. Sagar, P. J. Wiita, G. C. Anupama, and D. K. Sahu. Rapid optical variability of TeV blazars. *MNRAS*, 416(1):101–117, Sept. 2011, 1105.3345.

- [266] C. Eswarajah, A. K. Pandey, G. Maheswar, B. J. Medhi, J. C. Pandey, D. K. Ojha, and W. P. Chen. A multiwavelength polarimetric study towards the open cluster NGC 1893. *MNRAS*, 411(3):1418–1434, Mar. 2011, 1009.5578.
- [265] A. J. Drake, S. G. Djorgovski, A. Mahabal, J. Anderson, R. Roy, V. Mohan, S. Ravindranath, D. Frail, S. Gezari, J. D. Neill, L. C. Ho, J. L. Prieto, D. Thompson, J. Thorstensen, M. Wagner, R. Kowalski, J. Chiang, J. E. Grove, F. K. Schinzel, D. L. Wood, L. Carrasco, E. Recillas, L. Kewley, K. N. Archana, A. Basu, Y. Wadadekar, B. Kumar, A. D. Myers, E. S. Phinney, R. Williams, M. J. Graham, M. Catelan, E. Beshore, S. Larson, and E. Christensen. The Discovery and Nature of the Optical Transient CSS100217:102913+404220. *ApJ*, 735(2):106, July 2011, 1103.5514.
- [264] N. Chauhan, A. K. Pandey, K. Ogura, J. Jose, D. K. Ojha, M. R. Samal, and H. Mito. Star formation in bright-rimmed clouds and clusters associated with the W5 E H II region. *MNRAS*, 415(2):1202–1219, Aug. 2011, 1103.3396.
- [263] M. R. Samal, A. K. Pandey, D. K. Ojha, I. Zinchenko, B. C. Bhatt, S. K. Ghosh, and B. Pandey. Multi-wavelength studies of Galactic HII regions. In *Astronomical Society of India Conference Series*, volume 1 of *Astronomical Society of India Conference Series*, pages 43–48, Jan. 2010.
- [262] M. R. Samal, A. K. Pandey, D. K. Ojha, S. K. Ghosh, V. K. Kulkarni, N. Kusakabe, M. Tamura, B. C. Bhatt, M. A. Thompson, and R. Sagar. A Multiwavelength Study of Star Formation in the Vicinity of Galactic H II Region Sh 2-100. *ApJ*, 714(2):1015–1036, May 2010, 1003.4426.
- [261] D. J. Saikia. Highlights from the observatories. *Bulletin of the Astronomical Society of India*, 1:53–73, Mar. 2010.
- [260] A. K. Pandey. Star formation and IMF of young clusters associated with HII regions. In *Astronomical Society of India Conference Series*, volume 1 of *Astronomical Society of India Conference Series*, pages 37–41, Jan. 2010.
- [259] B. J. Medhi, Maheswar G., J. C. Pandey, M. Tamura, and R. Sagar. Polarization towards the young open cluster NGC 6823. *MNRAS*, 403(3):1577–1591, Apr. 2010, 0912.4088.
- [258] Y. C. Joshi, D. Narasimha, A. K. Pandey, and R. Sagar. Nainital Microlensing Survey - detection of short period Cepheids in the disk of M 31. *A&A*, 512:A66, Mar. 2010, 0912.5415.
- [257] S. Joshi, T. Ryabchikova, O. Kochukhov, M. Sachkov, S. K. Tiwari, N. K. Chakradhari, and N. Piskunov. Time-resolved photometric and spectroscopic analysis of the luminous Ap star HD103498. *MNRAS*, 401(2):1299–1307, Jan. 2010, 0909.3906.
- [256] J. Jose, A. K. Pandey, K. Ogura, D. K. Ojha, B. C. Bhatt, M. R. Samal, and N. Chauhan. Multi-wavelength study of the young cluster NGC 1624. In *Astronomical Society of India Conference Series*, volume 1 of *Astronomical Society of India Conference Series*, pages 233–235, Jan. 2010.
- [255] A. Goyal, Gopal-Krishna, S. Joshi, R. Sagar, P. J. Wiita, G. C. Anupama, and D. K. Sahu. Optical variability of radio-intermediate quasars. *MNRAS*, 401(4):2622–2634, Feb. 2010, 0910.1487.
- [254] E. Glushkova, R. Yadav, and S. Kuposov. Investigation of star clusters found in the 2mass catalog. In R. de Grijs and J. R. D. Lépine, editors, *Star Clusters: Basic Galactic Building Blocks Throughout Time and Space*, volume 266, pages 402–402, Jan. 2010.
- [253] S. Deb, S. K. Tiwari, H. P. Singh, T. R. Seshadri, and U. S. Chaubey. Photometry of the  $\delta$  Scuti star HD 40372. *arXiv e-prints*, page arXiv:1001.3472, Jan. 2010, 1001.3472.
- [252] N. Chauhan, A. K. Pandey, K. Ogura, and J. Jose. Star formation in bright-rimmed clouds and associated clusters. In *Astronomical Society of India Conference Series*, volume 1 of *Astronomical Society of India Conference Series*, pages 221–223, Jan. 2010.
- [251] J. C. Pandey, B. J. Medhi, R. Sagar, and A. K. Pandey. LO Pegasi: an investigation of multiband optical polarization. *MNRAS*, 396(2):1004–1011, June 2009, 0903.2558.

- [250] A. Kamble, K. Misra, D. Bhattacharya, and R. Sagar. Optical observations of GRB 050401 afterglow : a case for double-jet model. *MNRAS*, 394(1):214–220, Mar. 2009, 0806.4270.
- [249] S. Joshi, D. L. Mary, N. K. Chakradhari, S. K. Tiwari, and C. Billaud. The Nainital-Cape Survey. III. A search for pulsational variability in chemically peculiar stars. *A&A*, 507(3):1763–1784, Dec. 2009, 0909.0810.
- [248] A. Goyal, Gopal-Krishna, G. C. Anupama, D. K. Sahu, R. Sagar, S. Britzen, M. Karouzos, M. F. Aller, and H. D. Aller. Unusual optical quiescence of the classical BL Lac object PKS 0735+178 on intranight time-scale. *MNRAS*, 399(3):1622–1632, Nov. 2009, 0907.2285.
- [247] A. Goyal, Gopal-Krishna, G. C. Anupama, D. K. Sahu, R. Sagar, S. Britzen, M. Karouzos, M. F. Aller, and H. D. Aller. Prolonged Intranight Optical Quiescence of the Classical BL Lac Object PKS 0735+178. In D. J. Saikia, D. A. Green, Y. Gupta, and T. Venturi, editors, *The Low-Frequency Radio Universe*, volume 407 of *Astronomical Society of the Pacific Conference Series*, page 176, Sept. 2009.
- [246] S. Deb, S. K. Tiwari, H. P. Singh, T. R. Seshadri, and U. S. Chaubey. Photometry of the delta Scuti star HD 40372. *Bulletin of the Astronomical Society of India*, 37:109–123, Sept. 2009.
- [245] N. Chauhan, A. K. Pandey, K. Ogura, D. K. Ojha, B. C. Bhatt, S. K. Ghosh, and P. S. Rawat. Triggered star formation and evolution of T-Tauri stars in and around bright-rimmed clouds. *MNRAS*, 396(2):964–983, June 2009, 0903.2122.
- [244] B. K. Yerra and B. E. Reddy. Investigation of anomalous high Li in K giants. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 25, Jan. 2008.
- [243] R. K. S. Yadav, B. Kumar, A. Subramaniam, R. Sagar, and B. Mathew. Optical and near-infrared photometric study of the open cluster NGC 637 and 957. *MNRAS*, 390(3):985–996, Nov. 2008, 0810.1409.
- [242] K. K. Yadav, P. Chandra, A. K. Tickoo, R. C. Rannot, S. Godambe, M. K. Koul, V. K. Dhar, S. Thoudam, N. Bhatt, S. Bhattacharyya, K. Chanchalani, H. C. Goyal, R. K. Kaul, M. Kothari, S. Kotwal, R. Koul, S. Sahay-anathan, M. Sharma, and K. Venugopal. TACTIC observations of Mrk 421 at TeV energies during December 2005 to April 2006. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 68, Jan. 2008.
- [241] S. K. Tiwari, C. Pant, R. K. S. Yadav, and U. S. Chaubey. CCD photometry of pulsating Am stars HD13038 and HD 13079. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 58, Jan. 2008.
- [240] V. Singh and P. Shastri. X-ray emission from Seyfert galaxies and the unification scheme. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 72, Jan. 2008.
- [239] S. Sharma, A. K. Pandey, D. K. Ojha, W. P. Chen, S. K. Ghosh, B. C. Bhatt, G. Maheswar, and R. Sagar. Star Formation in Young Cluster NGC 1893. In E. Vesperini, M. Giersz, and A. Sills, editors, *Dynamical Evolution of Dense Stellar Systems*, volume 246, pages 73–74, May 2008.
- [238] D. J. Saikia. Highlights from the observatories. *Bulletin of the Astronomical Society of India*, 36(2):129–138, Sept. 2008.
- [237] M. K. Patil, S. K. Pandey, A. K. Kembhavi, and D. K. Sahu. Multiband study of a prominent dust lane galaxy NGC 4370. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 25, Jan. 2008.
- [236] K. Misra, P. Chandra, D. Bhattacharya, and R. Sagar. Optical and radio studies of a type IIP Supernova SN 2004et. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 69, Jan. 2008.
- [235] K. Misra, D. Bhattacharya, D. K. Sahu, R. Sagar, G. C. Anupama, A. J. Castro-Tirado, S. S. Guziy, and B. C. Bhatt. Optical observations of GRB 060124 afterglow: A case for an injection break. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 69, Jan. 2008.

- [234] B. J. Medhi, G. Maheswar, J. C. Pandey, T. S. Kumar, and R. Sagar. Optical polarimetric study of open clusters: distribution of interstellar matter towards NGC 654. *MNRAS*, 388(1):105–116, July 2008, 0804.4739.
- [233] R. Kaur, B. Paul, B. Kumar, and R. Sagar. Multiwavelength study of the transient X-ray binary IGR J01583+6713. *MNRAS*, 386(4):2253–2261, June 2008, 0803.1113.
- [232] R. Kaur, B. Kumar, B. Paul, and R. Sagar. Optical photometric observations of the Be/X-ray binary. *The Astronomer’s Telegram*, 1807:1, Oct. 2008.
- [231] A. Kamble, L. Resmi, D. Bhattacharya, and C. H. Ishwara Chandra. 1200 days of GMRT follow up of GRB 030329 afterglow. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 70, Jan. 2008.
- [230] J. Jose, A. K. Pandey, D. K. Ojha, K. Ogura, W. P. Chen, B. C. Bhatt, S. K. Ghosh, H. Mito, G. Maheswar, and S. Sharma. Stellar contents and star formation in the young open cluster Stock 8. *MNRAS*, 384(4):1675–1700, Mar. 2008, 0712.2159.
- [229] A. Goyal, Gopal-Krishna, R. Sagar, G. C. Anupama, and D. K. Sahu. Comparative intra-night optical variability of high and low polarization quasars with dominant radio cores. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 73, Jan. 2008.
- [228] A. Gomboc, S. Kobayashi, C. Guidorzi, A. Melandri, V. Mangano, B. Sbarufatti, C. G. Mundell, P. Schady, R. J. Smith, A. C. Updike, D. A. Kann, K. Misra, E. Rol, A. Pozanenko, A. J. Castro-Tirado, G. C. Anupama, D. Bersier, M. F. Bode, D. Carter, P. Curran, A. Fruchter, J. Graham, D. H. Hartmann, M. Ibrahimov, A. Levan, A. Monfardini, C. J. Mottram, P. T. O’Brien, P. Prema, D. K. Sahu, I. A. Steele, N. R. Tanvir, and K. Wiersema. Multiwavelength Analysis of the Intriguing GRB 061126: The Reverse Shock Scenario and Magnetization. *ApJ*, 687(1):443–455, Nov. 2008, 0804.1727.
- [227] L. M. Freyhammer, V. G. Elkin, and D. W. Kurtz. On the spectroscopic nature of the cool evolved Am star HD151878. *MNRAS*, 390(1):257–264, Oct. 2008, 0807.2821.
- [226] S. Covino, P. D’Avanzo, A. Klotz, D. A. Perley, L. Amati, S. Campana, G. Chincarini, A. Cucchiara, V. D’Elia, D. Guetta, C. Guidorzi, D. A. Kann, A. Küpcü Yoldaş, K. Misra, G. Olofsson, G. Tagliaferri, L. A. Antonelli, E. Berger, J. S. Bloom, M. Böer, C. Clemens, F. D’Alessio, M. Della Valle, S. di Serego Alighieri, A. V. Filippenko, R. J. Foley, D. B. Fox, D. Fugazza, J. Fynbo, B. Gendre, P. Goldoni, J. Greiner, D. Kocevski, E. Maiorano, N. Masetti, E. Meurs, M. Modjaz, E. Molinari, A. Moretti, E. Palazzi, S. B. Pandey, S. Piranomonte, D. Poznanski, N. Primak, P. Romano, E. Rossi, R. Roy, J. M. Silverman, L. Stella, G. Stratta, V. Testa, S. D. Vergani, F. Vitali, and F. Zerbi. The complex light curve of the afterglow of GRB071010A. *MNRAS*, 388(1):347–356, July 2008, 0804.4367.
- [225] L. Chaware, R. Cannon, A. K. Kembhavi, A. Mahabal, and S. K. Pandey. Redshift of galaxies in Palomar large format camera fields: Preliminary results. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 70, Jan. 2008.
- [224] U. S. Chaubey. Delta - Scuti pulsations in chemically peculiar stars HD25515 and HD113878. In *Bulletin of the Astronomical Society of India Proceedings*, volume 25 of *Bulletin of the Astronomical Society of India Proceedings*, page 58, Jan. 2008.
- [223] S. Sharma, A. K. Pandey, D. K. Ojha, W. P. Chen, S. K. Ghosh, B. C. Bhatt, G. Maheswar, and R. Sagar. Star formation in young star cluster NGC1893. *MNRAS*, 380(3):1141–1160, Sept. 2007, 0707.0269.
- [222] M. R. Samal, A. K. Pandey, D. K. Ojha, S. K. Ghosh, V. K. Kulkarni, and B. C. Bhatt. A Multiwavelength Study of Galactic H II Region Sh 2-294. *ApJ*, 671(1):555–570, Dec. 2007, 0708.4137.
- [221] M. K. Patil, S. K. Pandey, D. K. Sahu, and A. Kembhavi. Properties of dust in early-type galaxies. *A&A*, 461(1):103–113, Jan. 2007, astro-ph/0611369.
- [220] A. K. Pandey, S. Sharma, K. Upadhyay, K. Ogura, T. S. Sandhu, H. Mito, and R. Sagar. Stellar Contents of Two Intermediate Age Clusters: NGC 1912 and NGC 1907. *PASJ*, 59:547–558, June 2007.

- [219] K. Misra, D. Pooley, P. Chandra, D. Bhattacharya, A. K. Ray, R. Sagar, and W. H. G. Lewin. Type IIP supernova SN 2004et: a multiwavelength study in X-ray, optical and radio. *MNRAS*, 381(1):280–292, Oct. 2007, 0707.3485.
- [218] K. Misra, D. Bhattacharya, D. K. Sahu, R. Sagar, G. C. Anupama, A. J. Castro-Tirado, S. S. Guziy, and B. C. Bhatt. Optical observations of GRB 060124 afterglow: a case for an injection break. *A&A*, 464(3):903–908, Mar. 2007, astro-ph/0701413.
- [217] B. J. Medhi, G. Maheswar, K. Brijesh, J. C. Pandey, T. S. Kumar, and R. Sagar. Broad-band optical polarimetric study of IC 1805. *MNRAS*, 378(3):881–887, July 2007, astro-ph/0703580.
- [216] G. Maheswar, S. Sharma, J. M. Biman, A. K. Pandey, and H. C. Bhatt. Champagne flow and triggered star formation in NGC 1893. *MNRAS*, 379(3):1237–1247, Aug. 2007.
- [215] A. Kamble, L. Resmi, and K. Misra. Observations of the Optical Afterglow of GRB 050319: The Wind-to-ISM Transition in View. *ApJL*, 664(1):L5–L8, July 2007, 0709.3561.
- [214] A. Goyal, Gopal-Krishna, R. Sagar, G. C. Anupama, and D. K. Sahu. Further evidence for intra-night optical variability of radio-quiet quasars. *Bulletin of the Astronomical Society of India*, 35:141–154, June 2007, 0705.4621.
- [213] P. S. Goraya. Variable spectral energy distribution of  $\gamma$  Cassiopeiae in the optical region. *Bulletin of the Astronomical Society of India*, 35:23, Jan. 2007.
- [212] C. S. Stalin, Gopal-Krishna, R. Sagar, P. J. Wiita, V. Mohan, and A. K. Pandey. Multiband optical monitoring of the blazars S5 0716+714 and BL Lacertae. *MNRAS*, 366(4):1337–1345, Mar. 2006.
- [211] S. D. Sinvhal. The Uttar Pradesh State Observatory — some recollections and some history (1954-1982). *Bulletin of the Astronomical Society of India*, 34(2):65, Mar. 2006.
- [210] D. J. Saikia. Highlights from the Observatories. *Bulletin of the Astronomical Society of India*, 34(4):413, Dec. 2006.
- [209] R. Sagar. Aryabhata Research Institute of Observational Sciences: reincarnation of a 50 year old State Observatory of Nainital. *Bulletin of the Astronomical Society of India*, 34(2):37, Mar. 2006.
- [208] J. C. Pandey. *Optical studies of X-ray peculiar chromospherically active stars*. PhD thesis, Aryabhata Research Institute of Observational Sciences, India, Feb. 2006.
- [207] A. Omar and K. S. Dwarakanath. The Tully-Fisher relations of the Eridanus Group of galaxies. *Journal of Astrophysics and Astronomy*, 27:7–23, Mar. 2006, astro-ph/0602039.
- [206] D. L. Mary. A statistical analysis of the detection limits of fast photometry. *A&A*, 452(2):715–726, June 2006.
- [205] E. Maiorano, N. Masetti, E. Palazzi, S. Savaglio, E. Rol, P. M. Vreeswijk, E. Pian, P. A. Price, B. A. Peterson, M. Jelínek, L. Amati, M. I. Andersen, A. J. Castro-Tirado, J. M. Castro Cerón, A. de Ugarte Postigo, F. Frontera, A. S. Fruchter, J. P. U. Fynbo, J. Gorosabel, A. A. Henden, J. Hjorth, B. L. Jensen, S. Klose, C. Kouveliotou, G. Masi, P. Møller, L. Nicastro, E. O. Ofek, S. B. Pandey, J. Rhoads, N. R. Tanvir, R. A. M. J. Wijers, and E. P. J. van den Heuvel. Physics of the GRB 030328 afterglow and its environment. *A&A*, 455(2):423–431, Aug. 2006, astro-ph/0604093.
- [204] S. Joshi, D. L. Mary, P. Martinez, D. W. Kurtz, V. Girish, S. Seetha, R. Sagar, and B. N. Ashoka. The Nainital-Cape Survey. II. Report for pulsation in five chemically peculiar A-type stars and presentation of 140 null results. *A&A*, 455(1):303–313, Aug. 2006, astro-ph/0605443.
- [203] R. A. Angiras, C. J. Jog, A. Omar, and K. S. Dwarakanath. Origin of disc lopsidedness in the Eridanus group of galaxies. *MNRAS*, 369(4):1849–1857, July 2006, astro-ph/0604120.
- [202] C. S. Stalin and R. Srianand. Long-term optical photometric monitoring of the quasar SDSS J153259.96-003944.1. *MNRAS*, 359(3):1022–1028, May 2005, astro-ph/0502568.

- [201] C. S. Stalin, A. C. Gupta, Gopal-Krishna, P. J. Wiita, and R. Sagar. Intranight optical variability of BL Lacs, radio-quiet quasars and radio-loud quasars. *MNRAS*, 356(2):607–614, Jan. 2005, astro-ph/0410156.
- [200] L. Resmi, C. H. Ishwara-Chandra, A. J. Castro-Tirado, D. Bhattacharya, A. P. Rao, M. Bremer, S. B. Pandey, D. K. Sahu, B. C. Bhatt, R. Sagar, G. C. Anupama, A. Subramaniam, A. Lundgren, J. Gorosabel, S. Guziy, A. de Ugarte Postigo, J. M. Castro Cerón, and T. Wiklind. Radio, millimeter and optical monitoring of GRB 030329 afterglow: constraining the double jet model. *A&A*, 440(2):477–485, Sept. 2005, astro-ph/0506169.
- [199] J. C. Pandey, K. P. Singh, S. A. Drake, and R. Sagar. Unravelling the Nature of HD 81032 - A New RS CVn Binary. *Journal of Astrophysics and Astronomy*, 26(4):359, Dec. 2005, astro-ph/0511781.
- [198] J. C. Pandey, K. P. Singh, S. A. Drake, and R. Sagar. Optical and X-Ray Studies of Chromospherically Active Stars: FR Cancri, HD 95559, and LO Pegasi. *AJ*, 130(3):1231–1246, Sept. 2005, astro-ph/0506010.
- [197] A. K. Pandey, K. Upadhyay, K. Ogura, R. Sagar, V. Mohan, H. Mito, H. C. Bhatt, and B. C. Bhatt. Stellar contents of two young open clusters: NGC 663 and 654. *MNRAS*, 358(4):1290–1308, Apr. 2005.
- [196] D. K. Ojha, S. K. Ghosh, A. Tej, R. P. Verma, S. Vig, G. C. Anupama, B. C. Bhatt, P. Parihar, T. P. Prabhu, U. S. Kamath, and B. G. Anandarao. Post-outburst phase of the McNeil’s nebula (V1647 Orionis). *Bulletin of the Astronomical Society of India*, 33:370–371, Sept. 2005.
- [195] K. Misra, L. Resmi, S. B. Pandey, D. Bhattacharya, and R. Sagar. Optical observations and multiband modelling of the afterglow of GRB 041006 : Evidence of a hard electron energy spectrum. *Bulletin of the Astronomical Society of India*, 33(4):487, Dec. 2005, astro-ph/0511352.
- [194] K. Misra, S. B. Pandey, R. Sagar, and D. Bhattacharya. Recent observations of GRB afterglows from ARIES, Nainital. *Bulletin of the Astronomical Society of India*, 33:407–407, Sept. 2005.
- [193] K. Misra, A. P. Kamble, D. Bhattacharya, and R. Sagar. Multiband optical photometry and bolometric light curve of type Ia supernova SN 2004S. *Bulletin of the Astronomical Society of India*, 33:381–381, Sept. 2005.
- [192] K. Misra, A. P. Kamble, D. Bhattacharya, and R. Sagar. Multiband optical photometry and bolometric light curve of the Type Ia supernova 2004S. *MNRAS*, 360(2):662–668, June 2005, astro-ph/0504183.
- [191] K. Matthew, Shibu. 3-D Structure of Sunspots. *Bulletin of the Astronomical Society of India*, 33:337–337, Sept. 2005.
- [190] Y. C. Joshi, A. K. Pandey, D. Narasimha, and R. Sagar. First microlensing candidate towards M 31 from the Nainital Microlensing Survey. *A&A*, 433(3):787–795, Apr. 2005, astro-ph/0412550.
- [189] S. Joshi. Studies of chemically peculiar stars. *Bulletin of the Astronomical Society of India*, 33(3):317, Sept. 2005.
- [188] V. Girish. HD12098 and Other Results from Nainital-Cape Survey. *Journal of Astrophysics and Astronomy*, 26(2-3):203, June 2005, astro-ph/0508028.
- [187] U. S. Chaubey and N. S. Kumar. Discovery of pulsations in Am star HD 25515. *Bulletin of the Astronomical Society of India*, 33:371–371, Sept. 2005.
- [186] P. Chandra, A. Ray, E. Schlegel, F. Sutaria, and W. Pietsch. Chandra X-ray observations of SN 1995N. *Bulletin of the Astronomical Society of India*, 33:380–381, Sept. 2005.
- [185] D. Bhattacharya and P. Sreekumar. Contribution from Normal Galaxies to the Extragalactic  $\gamma$ -ray Background. *Bulletin of the Astronomical Society of India*, 33:407–408, Sept. 2005.
- [184] R. K. S. Yadav and R. Sagar. UBVRI CCD photometric study of the open clusters Basel 4 and NGC 7067. *MNRAS*, 349(4):1481–1492, Apr. 2004, astro-ph/0401330.
- [183] C. S. Stalin, Gopal-Krishna, R. Sagar, and P. J. Wiita. Optical variability properties of high luminosity AGN classes. *Journal of Astrophysics and Astronomy*, 25:1–55, Mar. 2004, astro-ph/0306395.
- [182] C. S. Stalin, Gopal-Krishna, R. Sagar, and P. J. Wiita. Intranight optical variability of radio-quiet and radio lobe-dominated quasars. *MNRAS*, 350(1):175–188, May 2004, astro-ph/0306394.



- [181] R. Sagar, C. S. Stalin, Gopal-Krishna, and P. J. Wiita. Intranight optical variability of blazars. *MNRAS*, 348(1):176–186, Feb. 2004, astro-ph/0306392.
- [180] B. S. Rautela, G. C. Joshi, and J. C. Pandey. ARIES imaging polarimeter. *Bulletin of the Astronomical Society of India*, 32(3):159, Sept. 2004.
- [179] S. B. Pandey, R. Sagar, G. C. Anupama, D. Bhattacharya, D. K. Sahu, A. J. Castro-Tirado, and M. Bremer. Early optical and millimeter observations of GRB 030226 afterglow. *A&A*, 417:919–924, Apr. 2004, astro-ph/0312487.
- [178] Y. C. Joshi, A. K. Pandey, D. Narasimha, Y. Giraud-Héraud, R. Sagar, and J. Kaplan. Photometric study of two novae in M 31. *A&A*, 415:471–476, Feb. 2004, astro-ph/0310466.
- [177] S. B. Pandey, D. K. Sahu, L. Resmi, R. Sagar, G. C. Anupama, D. Bhattacharya, V. Mohan, T. P. Prabhu, B. C. Bhatt, J. C. Pandey, P. Parihar, and A. J. Castro-Tirado. Optical observations of the bright long duration peculiar GRB 021004 afterglow. *Bulletin of the Astronomical Society of India*, 31:19–36, Jan. 2003, astro-ph/0211108.
- [176] S. B. Pandey, G. C. Anupama, R. Sagar, D. Bhattacharya, A. J. Castro-Tirado, D. K. Sahu, P. Parihar, and T. P. Prabhu. The optical afterglow of the not so dark GRB 021211. *A&A*, 408:L21–L24, Sept. 2003, astro-ph/0304481.
- [175] N. Masetti, E. Palazzi, E. Pian, A. Simoncelli, E. Maiorano, and GRACE Collaboration. Optical and NIR monitoring of the GRB020405 afterglow. *Memorie della Societa Astronomica Italiana Supplementi*, 3:125, Jan. 2003, astro-ph/0302028.
- [174] N. Masetti, E. Palazzi, E. Pian, A. Simoncelli, L. K. Hunt, E. Maiorano, A. Levan, L. Christensen, E. Rol, S. Savaglio, R. Falomo, A. J. Castro-Tirado, J. Hjorth, A. Delsanti, M. Pannella, V. Mohan, S. B. Pandey, R. Sagar, L. Amati, I. Burud, J. M. Castro Cerón, F. Frontera, A. S. Fruchter, J. P. U. Fynbo, J. Gorosabel, L. Kaper, S. Klose, C. Kouveliotou, L. Nicastro, H. Pedersen, J. Rhoads, I. Salamanca, N. Tanvir, P. M. Vreeswijk, R. A. M. J. Wijers, and E. P. J. van den Heuvel. Optical and near-infrared observations of the GRB020405 afterglow. *A&A*, 404:465–481, June 2003, astro-ph/0302350.
- [173] Y. C. Joshi, A. K. Pandey, D. Narasimha, R. Sagar, and Y. Giraud-Héraud. Identification of 13 Cepheids and 333 other variables in M 31. *A&A*, 402:113–123, Apr. 2003, astro-ph/0210373.
- [172] S. Joshi, V. Girish, R. Sagar, D. W. Kurtz, P. Martinez, B. Kumar, S. Seetha, B. N. Ashoka, and A. Zhou. Discovery of unusual pulsations in the cool, evolved Am stars HD 98851 and HD 102480. *MNRAS*, 344(2):431–438, Sept. 2003, astro-ph/0305371.
- [171] Gopal-Krishna, C. S. Stalin, R. Sagar, and P. J. Wiita. Clear Evidence for Intranight Optical Variability in Radio-quiet Quasars. *ApJL*, 586(1):L25–L28, Mar. 2003, astro-ph/0302188.
- [170] S. Seetha, B. N. Ashoka, S. Joshi, V. Girish, R. Sagar, U. S. Chaubey, and S. K. Gupta. New pulsating variables discovered from the Naini Tal-Cape survey. *Bulletin of the Astronomical Society of India*, 30:623–629, Sept. 2002.
- [169] R. Sagar. Observations of GRB afterglows from Nainital : Evidence in favour of jet model. *Bulletin of the Astronomical Society of India*, 30:237–248, Mar. 2002.
- [168] Nilakshi and R. Sagar. A comprehensive study of the rich open star cluster NGC 2099 based on deep BVI CCD observations. *A&A*, 381:65–76, Jan. 2002.
- [167] R. Sagar, C. S. Stalin, D. Bhattacharya, S. B. Pandey, V. Mohan, A. J. Castro-Tirado, A. Pramesh Rao, S. A. Trushkin, N. A. Nizhelskij, M. Bremer, and J. M. Castro Cerón. Optical and radio observations of the bright GRB 010222 afterglow: evidence for rapid synchrotron cooling ? *Bulletin of the Astronomical Society of India*, 29:91–106, June 2001, astro-ph/0104249.
- [166] R. Sagar, S. B. Pandey, V. Mohan, D. Bhattacharya, and A. J. Castro-Tirado. GRB 000926 and its optical afterglow : Another possible evidence for non-isotropic emission. *Bulletin of the Astronomical Society of India*, 29:1–13, Mar. 2001, astro-ph/0010212.

- [165] R. Sagar, B. N. Naidu, and V. Mohan. A deep V I CCD photometric study of the neglected galactic star cluster NGC 6631. *Bulletin of the Astronomical Society of India*, 29:519–530, Dec. 2001.
- [164] R. Sagar. Emission from GRBs and their afterglows : Indian observations. *Bulletin of the Astronomical Society of India*, 29:215–229, Sept. 2001.
- [163] S. B. Pandey, R. Sagar, V. Mohan, A. K. Pandey, D. Bhattacharya, and A. J. Castro-Tirado. Optical follow-up of GRB afterglows from UPSO, Naini Tal. *Bulletin of the Astronomical Society of India*, 29:459–461, Sept. 2001.
- [162] A. K. Pandey, Nilakshi, K. Ogura, R. Sagar, and K. Tarusawa. NGC 7654: An interesting cluster to study star formation history. *A&A*, 374:504–522, Aug. 2001.
- [161] B. N. Naidu, R. Srinivasan, V. Mohan, and R. Sagar. Performance of the IIA mosaic CCD camera system. *Bulletin of the Astronomical Society of India*, 29:545–561, Dec. 2001.
- [160] P. Martinez, D. W. Kurtz, B. N. Ashoka, U. S. Chaubey, V. Girish, S. K. Gupta, S. Joshi, K. Kasturirangan, R. Sagar, and S. Seetha. The Naini Tal - Cape survey for pulsations in chemically peculiar A-type stars. I. Methods and preliminary results. *A&A*, 371:1048–1055, June 2001.
- [159] Y. C. Joshi, A. K. Pandey, D. Narasimha, and R. Sagar. Search for Microlensing Events Towards M31 Galaxy. *Bulletin of the Astronomical Society of India*, 29:531–544, Dec. 2001.
- [158] S. Joshi, V. Girish, P. Martinez, R. Sagar, B. N. Ashoka, S. K. Gupta, S. Seetha, U. S. Chaubey, and D. W. Kurtz. Discovery of pulsations in HD 98851. *Bulletin of the Astronomical Society of India*, 29:301–303, Sept. 2001.
- [157] S. K. Gupta, R. Sagar, S. Joshi, B. N. Ashoka, V. C. Babu, S. Seetha, and V. Girish. UPSO three channel fast photometer. *Bulletin of the Astronomical Society of India*, 29:479–486, Sept. 2001.
- [156] V. Girish, S. Seetha, P. Martinez, S. Joshi, B. N. Ashoka, D. W. Kurtz, U. S. Chaubey, S. K. Gupta, and R. Sagar. HD 12098 - A new northern hemisphere roAp star. *A&A*, 380:142–147, Dec. 2001, astro-ph/0108382.
- [155] S. Frandsen, A. Pigulski, J. Nuspl, M. Breger, J. A. Belmonte, T. H. Dall, T. Arentoft, C. Sterken, T. Medupe, S. K. Gupta, F. J. G. Pinheiro, M. J. P. F. G. Monteiro, C. Barban, M. Chevreton, E. Michel, J. M. Benko, S. Barcza, R. Szabó, Z. Kołaczowski, G. Kopacki, and S. N. Udovichenko. delta Scuti stars in Praesepe I. The STACC 1998 campaign - the photometry. *A&A*, 376:175–187, Sept. 2001.
- [154] A. K. Durgapal, A. K. Pandey, and V. Mohan. Multicolour CCD photometry of old open clusters:. King 5 and Be 20. *A&A*, 372:71–84, June 2001.
- [153] A. K. Durgapal. Photometric studies of intermediate and old age galactic star clusters. *Bulletin of the Astronomical Society of India*, 29:389–396, Sept. 2001.
- [152] R. Cowsik, T. P. Prabhu, G. C. Anupama, B. C. Bhatt, D. K. Sahu, S. Ambika, Padmakar, and S. G. Bhargavi. Optical photometry of the GRB 010222 afterglow. *Bulletin of the Astronomical Society of India*, 29:157–168, Sept. 2001, astro-ph/0104363.
- [151] A. J. Castro-Tirado, V. V. Sokolov, J. Gorosabel, J. M. Castro Cerón, J. Greiner, R. A. M. J. Wijers, B. L. Jensen, J. Hjorth, S. Toft, H. Pedersen, E. Palazzi, E. Pian, N. Masetti, R. Sagar, V. Mohan, A. K. Pandey, S. B. Pandey, S. N. Dodonov, T. A. Fatkhullin, V. L. Afanasiev, V. N. Komarova, A. V. Moiseev, R. Hudec, V. Simon, P. Vreeswijk, E. Rol, S. Klose, B. Stecklum, M. R. Zapatero-Osorio, N. Caon, C. Blake, J. Wall, D. Heinlein, A. Henden, S. Benetti, A. Magazzù, F. Ghinassi, L. Tommasi, M. Bremer, C. Kouveliotou, S. Guziy, A. Shlyapnikov, U. Hopp, G. Feulner, S. Dreizler, D. Hartmann, H. Boehnhardt, J. M. Paredes, J. Martí, E. Xanthopoulos, H. E. Kristen, J. Smoker, and K. Hurley. The extraordinarily bright optical afterglow of GRB 991208 and its host galaxy. *A&A*, 370:398–406, May 2001, astro-ph/0102177.
- [150] B. N. Ashoka, V. C. Kumar, Babu, S. Seetha, V. Girish, S. K. Gupta, R. Sagar, S. Joshi, and P. Narang. Development of a three channel photometer for UPSO, Naini Tal. *Journal of Astrophysics and Astronomy*, 22(1):131–144, Mar. 2001.

- [149] M. Singh, B. B. Sanwal, and C. S. Stalin. CCD photometry of the Wolf Rayet galaxy Mink. *Bulletin of the Astronomical Society of India*, 28:393–394, June 2000.
- [148] R. Sagar, V. Mohan, S. B. Pandey, A. K. Pandey, C. S. Stalin, and A. J. Castro Tirado. GRB 000301C with peculiar afterglow emission. *Bulletin of the Astronomical Society of India*, 28:499–513, Sept. 2000, astro-ph/0004223.
- [147] R. Sagar, V. Mohan, A. K. Pandey, S. B. Pandey, and A. J. Castro-Tirado. Temporal behaviour of emissions from gamma-ray bursts and optical/near-IR afterglows of GRB 991208 and GRB 991216. *Bulletin of the Astronomical Society of India*, 28:15, Mar. 2000, astro-ph/0003257.
- [146] B. S. Rautela, G. C. Joshi, and J. B. Srivastava. Spectrophotometric observations of comet Hale Bopp (C/1995 O1). *Bulletin of the Astronomical Society of India*, 28:129, Mar. 2000.
- [145] A. K. Pandey, K. Ogura, and K. Sekiguchi. Stellar Contents of the Galactic Giant H { II} Region NGC 3603. *PASJ*, 52:847–865, Oct. 2000.
- [144] N. Masetti, C. Bartolini, S. Bernabei, A. Guarnieri, E. Palazzi, E. Pian, A. Piccioni, A. J. Castro-Tirado, J. M. Castro Cerón, L. Verdes-Montenegro, R. Sagar, V. Mohan, A. K. Pandey, S. B. Pandey, H. Bock, J. Greiner, S. Benetti, R. A. M. J. Wijers, G. M. Beskin, and J. Gorosabel. Unusually rapid variability of the GRB000301C optical afterglow. *A&A*, 359:L23–L26, July 2000, astro-ph/0004186.
- [143] P. Martinez, D. W. Kurtz, U. S. Chaubey, S. K. Gupta, S. Joshi, R. Sagar, B. N. Ashoka, and S. Seetha. A Survey for Pulsating Ap Stars from Naini Tal. In L. Szabados and D. Kurtz, editors, *IAU Colloq. 176: The Impact of Large-Scale Surveys on Pulsating Star Research*, volume 203 of *Astronomical Society of the Pacific Conference Series*, pages 485–486, Jan. 2000.
- [142] P. Martinez, V. Girish, S. Joshi, D. W. Kurtz, B. N. Ashoka, U. S. Chaubey, S. K. Gupta, R. Sagar, and S. Seetha. Discovery of Rapid Oscillations in HD 12098. *Information Bulletin on Variable Stars*, 4853:1, Feb. 2000.
- [141] B. Kumar, R. Sagar, B. S. Rautela, J. B. Srivastava, and R. K. Srivastava. Sky transparency over Naini Tal : A retrospective study. *Bulletin of the Astronomical Society of India*, 28:675–686, Dec. 2000.
- [140] S. Joshi, V. Girish, P. Martinez, R. Sagar, B. N. Ashoka, S. K. Gupta, S. Seetha, D. W. Kurtz, and U. S. Chaubey. Discovery of delta Scuti Pulsations in HD 98851. *Information Bulletin on Variable Stars*, 4900:1, May 2000.
- [139] Gopal-Krishna, A. C. Gupta, R. Sagar, P. J. Wiita, U. S. Chaubey, and C. S. Stalin. Rapid optical variability in radio-quiet QSOs. *MNRAS*, 314(4):815–825, June 2000.
- [138] S. Frandsen, A. Pigulski, and Stacc Collaboration. The STACC 1998 Campaign on Praesepe: The Photometry. In L. Szabados and D. Kurtz, editors, *IAU Colloq. 176: The Impact of Large-Scale Surveys on Pulsating Star Research*, volume 203 of *Astronomical Society of the Pacific Conference Series*, pages 473–474, Jan. 2000.
- [137] B. N. Ashoka, S. Seetha, E. Raj, U. S. Chaubey, S. K. Gupta, S. Joshi, P. Martinez, D. W. Kurtz, R. Sagar, and K. Kasturirangan. Survey for roAp stars in the northern sky from Naini Tal. *Bulletin of the Astronomical Society of India*, 28:251–254, June 2000.
- [136] R. Sagar, A. K. Pandey, V. Mohan, R. K. S. Yadav, Nilakshi, D. Bhattacharya, and A. J. Castro-Triado. Optical follow up of the GRB 990123 sources from UPSO, Naini Tal. *Bulletin of the Astronomical Society of India*, 27:3, Jan. 1999, astro-ph/9902196.
- [135] R. Sagar. Some new initiatives in optical astronomy at UPSO, Nainital. *Current Science*, 77:643–652, Sept. 1999.
- [134] D. K. Ojha, O. Bienaymé, V. Mohan, and A. C. Robin. New surveys of UBV photometry and absolute proper motions at intermediate latitude. *A&A*, 351:945–953, Nov. 1999, astro-ph/9910016.
- [133] Nilakshi, R. K. S. Yadav, V. Mohan, A. K. Pandey, and R. Sagar. BVRI CCD photometric standards in the field of GRB 990123. *Bulletin of the Astronomical Society of India*, 27:405, Jan. 1999, astro-ph/9902197.

- [132] P. Martinez, D. W. Kurtz, B. N. Ashoka, U. S. Chaubey, S. K. Gupta, F. Leone, G. Catanzaro, R. Sagar, E. Raj, S. Seetha, and K. Kasturirangan. Discovery of pulsations in the AM star HD 13079. *MNRAS*, 309(4):871–874, Nov. 1999.
- [131] P. Martinez, B. N. Ashoka, D. W. Kurtz, S. K. Gupta, and U. S. Chaubey. Discovery of 29-min Pulsations in the Chemically Peculiar Star HD 13038. *Information Bulletin on Variable Stars*, 4677:1, Mar. 1999.
- [130] A. K. Durgapal. Photometric Studies of Intermediate and Old Age Galactic Star Clusters. In C. Impey, editor, *International Symposium on Astrophysics Research and Science Education*, page 139, Jan. 1999.
- [129] V. R. Venugopal. Search for low-mass companions to solar-type stars. *Bulletin of the Astronomical Society of India*, 26:445, Jan. 1998.
- [128] M. Singh and B. B. Sanwal. Spectrophotometric study of the Comet C/1996 B2 Hyakutake. *Bulletin of the Astronomical Society of India*, 26:435, Jan. 1998.
- [127] R. Sagar, M. Singh, and A. K. Kembhavi. Astronomy with moderate size optical telescopes. Proceedings. UPSO (Uttar Pradesh State Observatory) Silver Jubilee Workshop, Naini Tal (India), 7 - 9 Apr 1997. *Bulletin of the Astronomical Society of India*, 26(3):351–614, Sept. 1998.
- [126] A. K. Pandey. A report on the studies of star clusters with the UPSO 104-cm Sampurnanand telescope during last 25 years. *Bulletin of the Astronomical Society of India*, 26:539, Jan. 1998.
- [125] Nilakshi, A. K. Pandey, and V. Mohan. CCD photometry of the galactic open cluster NGC 2309. *Bulletin of the Astronomical Society of India*, 26:555, Jan. 1998.
- [124] J. V. Narlikar. Crucial tests in cosmology. *Bulletin of the Astronomical Society of India*, 26:609, Jan. 1998.
- [123] P. Martinez, D. W. Kurtz, and B. N. Ashoka. Discovery of pulsations in the double star HD 13079. *Information Bulletin on Variable Stars*, 4593:1, May 1998.
- [122] T. M. K. Marar, S. Seetha, and B. N. Ashoka. Asteroseismology of white dwarf stars with medium size telescopes. *Bulletin of the Astronomical Society of India*, 26:559, Jan. 1998.
- [121] A. Kembhavi. Radio galaxies and dusty galaxies. *Bulletin of the Astronomical Society of India*, 26:587, Jan. 1998.
- [120] S. C. Joshi, B. S. Rautela, G. C. Joshi, J. B. Srivastava, and U. C. Joshi. CCD photometry of the Markarian galaxy Mrk 1043. *Bulletin of the Astronomical Society of India*, 26:593, Jan. 1998.
- [119] A. K. Durgapal, A. K. Pandey, and V. Mohan. CCD photometry of the open cluster King 5. *Bulletin of the Astronomical Society of India*, 26:551, Jan. 1998.
- [118] T. Chandrasekhar. Near infrared occultation studies of late type stars and circumstellar regions from Gurushikhar observatory. *Bulletin of the Astronomical Society of India*, 26:467, Jan. 1998.
- [117] A. K. Durgapal, A. K. Pandey, and V. Mohan. CCD photometry of galactic open star clusters - V. King 7. *Bulletin of the Astronomical Society of India*, 25:489, Dec. 1997.
- [116] D. K. Sahu, S. K. Pandey, D. K. Chakraborty, A. Kembhavi, and V. Mohan. Nuclear dust and outer shells in the elliptical galaxy NGC 7562. *A&A*, 314:721–728, Oct. 1996.
- [115] A. K. Pandey, A. K. Durgapal, B. C. Bhatt, V. Mohan, and H. S. Mahra. CCD Photometry of the Open Cluster BE 69. In P. Hut and J. Makino, editors, *Dynamical Evolution of Star Clusters: Confrontation of Theory and Observations*, volume 174, page 339, Jan. 1996.
- [114] P. S. Goraya and N. S. Tur. Spectrophotometric Study of Four Bright Be Stars. *Ap&SS*, 236(2):175–183, Feb. 1996.
- [113] P. S. Goraya, B. S. Rautela, B. B. Sanwal, A. K. Pandey, and H. K. Duggal. Emission from the head of comet P/Halley during post-perihelion. *Bulletin of the Astronomical Society of India*, 24:649, Dec. 1996.

- [112] A. K. Durgapal, V. Mohan, A. K. Pandey, and H. S. Mahra. A photometric study of the open cluster King 7. *Bulletin of the Astronomical Society of India*, 24:701, Dec. 1996.
- [111] A. Chitre, U. C. Joshi, and J. B. Srivastava. Multicolour surface photometry of galaxies : MRK 35 and MRK 799. *Bulletin of the Astronomical Society of India*, 24:819, Dec. 1996.
- [110] U. S. Chaubey. Spectrophotometry of RZ CAS. *Bulletin of the Astronomical Society of India*, 24:687, Dec. 1996.
- [109] J. S. Park and H. S. Yun. Theoretical Models of Starspots. *Journal of Astrophysics and Astronomy Supplement*, 16:334, Dec. 1995.
- [108] S. K. Pandey, A. K. Kembhavi, and V. Mohan. BVRI Imaging of the Disturbed Spiral Galaxy NGC2701. *Journal of Astrophysics and Astronomy Supplement*, 16:205, June 1995.
- [107] A. K. Pandey, B. C. Bhatt, V. Mohan, D. C. Paliwal, and H. S. Mahra. CCD Photometry of the Young Open Cluster NGC366. *Journal of Astrophysics and Astronomy Supplement*, 16:333, Dec. 1995.
- [106] S. C. Joshi, J. B. Srivastava, B. S. Rautela, and B. B. Sanwal. Photographic observations of comet Swift-Tuttle (1992t). *Bulletin of the Astronomical Society of India*, 23:91, Mar. 1995.
- [105] B. B. Sanwal, B. S. Rautela, M. Singh, and J. B. Srivastava. Spectrophotometric Study of the Comet P/Swift-Tuttle (1992t). *Earth Moon and Planets*, 64(2):139–144, Feb. 1994.
- [104] A. K. Pandey, B. C. Bhatt, V. Mohan, D. C. Paliwal, and H. S. Mahra. CCD photometry of galactic open star clusters IV. NGC 366. *Bulletin of the Astronomical Society of India*, 22:369–380, Dec. 1994.
- [103] V. Mohan, D. K. Ojha, O. Bienayme, D. C. Paliwal, A. K. Pandey, A. L. Robin, M. Chareton, B. C. Bhatt, B. B. Sanwal, E. Oblak, M. Haywood, and M. Creze. UBV CCD standards near 5C1 radio sources at intermediate galactic latitude I. *Bulletin of the Astronomical Society of India*, 22:403–414, Dec. 1994, astro-ph/9407077.
- [102] B. C. Bhatt, A. K. Pandey, H. S. Mahra, and D. C. Paliwal. CCD photometry of galactic open star clusters-III. NGC 1931. *Bulletin of the Astronomical Society of India*, 22:291–302, Sept. 1994.
- [101] J. B. Srivastava and C. D. Kandpal. UBV Observations of the Eclipsing Binary FW Monocerotis. *Ap&SS*, 209(1):51–63, Nov. 1993.
- [100] B. B. Sanwal, B. S. Rautela, M. Singh, and J. B. Srivastava. Spectrophotometric observations of the comet Swift-Tuttle (1992t). *Bulletin of the Astronomical Society of India*, 21(3-4):635–638, Sept. 1993.
- [99] B. B. Sanwal. CCD imaging camera and CCD based guiding system at the 1 meter UPSO telescope. *Bulletin of the Astronomical Society of India*, 21(3-4):353–357, Sept. 1993.
- [98] B. C. Bhatt, A. K. Pandey, V. Mohan, H. S. Mahra, and D. C. Paliwal. CCD photometry of galactic open star clusters. II. NGC 7419. *Bulletin of the Astronomical Society of India*, 21(1):33–45, Mar. 1993.
- [97] Uttar Pradesh State Observatory, Naini Tal. *Bulletin of the Astronomical Society of India*, 31:159, Sept. 1993.
- [96] B. S. Rautela and B. B. Sanwal. Spectrophotometric study of comet Austin (1989 C1). *Earth Moon and Planets*, 57(2):115–121, May 1992.
- [95] V. Mohan, A. K. Pandey, D. C. Paliwal, R. Sagar, and H. S. Mahra. CCD photometry of the galactic open star clusters. I - King 10. *Bulletin of the Astronomical Society of India*, 20:303–318, Sept. 1992.
- [94] U. S. Chaubey. Photometric Study of Mm-Cassiopeiae. *Ap&SS*, 189(2):263–270, Mar. 1992.
- [93] R. K. Srivastava, T. D. Padalia, and J. B. Srivastava. UBV Photometry of Er-Vulpeculae. *Ap&SS*, 182(2):281–287, Aug. 1991.
- [92] B. B. Sanwal and B. S. Rautela. Molecular Emission from the Head of Comet Okazaki-Levy-Rudenko (1989r). *Earth Moon and Planets*, 54(2):125–128, Aug. 1991.

- [91] D. K. Ojha and S. C. Joshi. On the shell star Pleione (BU Tauri). *Journal of Astrophysics and Astronomy*, 12:213, Sept. 1991.
- [90] V. Mohan, D. C. Paliwal, and H. S. Mahra. Photometric performance of UPSO CCD system. *Bulletin of the Astronomical Society of India*, 19(3-4):235–241, Sept. 1991.
- [89] H. S. Mahra and A. K. Pandey. Studies of Open Clusters at Uttar Pradesh State Observatory. In K. Janes, editor, *The Formation and Evolution of Star Clusters*, volume 13 of *Astronomical Society of the Pacific Conference Series*, page 282, Jan. 1991.
- [88] S. C. Joshi, R. K. Srivastava, and J. B. Srivastava. Spectrophotometric Observations of Ux-Arietis. *Ap&SS*, 183(1):11–15, Sept. 1991.
- [87] S. C. Joshi and D. K. Ojha. Spectrophotometric observations of B type stars HR 1207 and HR 1770. *Bulletin of the Astronomical Society of India*, 19:53–58, Mar. 1991.
- [86] P. S. Goraya, B. S. Rautela, B. B. Sanwal, H. K. Duggal, and N. K. Chandel. Spectrophotometric Study of P/Halley during Post Perihelion Passage. *Earth Moon and Planets*, 54(1):13–17, July 1991.
- [85] G. Engargiola. Origins of the 12–200 Micron Flux in NGC 6946: Starlight and Continuum Dust Emission from an SC Galaxy. *ApJS*, 76:875, July 1991.
- [84] B. B. Sanwal and B. S. Rautela. Scanner Observations of Comet Bradfield (1987 s). *Earth Moon and Planets*, 48(2):171–175, Feb. 1990.
- [83] P. S. Goraya, N. S. Tur, S. D. Sharma, and J. S. Malhi. Variable Nature of PLEIONE. *Ap&SS*, 174(1):1–11, Dec. 1990.
- [82] U. S. Chaubey and M. Singh. Spectrophotometry of AR Lacertae. *Ap&SS*, 166(2):177–182, Apr. 1990.
- [81] M. L. Vyas and K. D. Abhyankar. Photometric study of the eclipsing binary RR Leporis. *A&AS*, 81:81–92, Nov. 1989.
- [80] M. L. Vyas and K. D. Abhyankar. Photometric analysis of the eclipsing binary RX Hydrae. *A&AS*, 81:67–79, Nov. 1989.
- [79] B. B. Sanwal and B. S. Rautela. Spectrophotometric Study of the Cepheids Dt-Cygni and Sz-Tauri. *Ap&SS*, 151(2):209–215, Jan. 1989.
- [78] B. S. Rautela, P. S. Goraya, B. B. Sanwal, and S. K. Gupta. Spectrophotometry of Comet Hartley-Good (1985I). *Earth Moon and Planets*, 44(3):233–242, Mar. 1989.
- [77] D. K. Ojha and S. C. Joshi. Spectrophotometry of Comet Bradfield (1987s). *Earth Moon and Planets*, 44(1):1–5, Jan. 1989.
- [76] S. C. Joshi, R. K. Srivastava, and J. B. Srivastava. Spectrophotometry of V711-TAURI. *Ap&SS*, 152(1):85–88, Feb. 1989.
- [75] S. C. Joshi, D. K. Ojha, and J. B. Srivastava. Spectrophotometric observations of HR 8107. *Journal of Astrophysics and Astronomy*, 10:113–118, Mar. 1989.
- [74] P. S. Goraya, B. B. Sanwal, B. S. Rautela, H. K. Duggal, and J. S. Malhi. Spectrophotometry of P/Halley (1982i). *Earth Moon and Planets*, 44(3):243–249, Mar. 1989.
- [73] P. S. Goraya, B. S. Rautela, B. B. Sanwal, S. K. Gupta, H. K. Duggal, and J. S. Malhi. Spectrophotometric Study of Periodic Comet Halley (1982i). *Earth Moon and Planets*, 45(1):17–27, Apr. 1989.
- [72] U. S. Chaubey and M. Singh. A Spectrophotometric Study of Gg-Cassiopeiae. *Ap&SS*, 151(2):335–341, Jan. 1989.
- [71] N. S. Tur and P. S. Goraya. Scanner observations of shell stars  $\phi$  Persei and  $\psi$  Persei. *Ap&SS*, 143(1):99–105, Apr. 1988.

- [70] N. S. Tur and P. S. Goraya. Absolute Continuum Energy Distributions in Be-Stars. *Ap&SS*, 148(1):131–141, Oct. 1988.
- [69] R. K. Srivastava, J. B. Srivastava, and S. C. Joshi. Spectrophotometric Observations of Delta-Capricorni. *Ap&SS*, 143(1):107–112, Apr. 1988.
- [68] B. B. Sanwal and B. S. Rautela. Scanner observations of Comet Wilson (1986(1)). *The Observatory*, 108:164–169, Oct. 1988.
- [67] B. S. Rautela and B. B. Sanwal. Spectrophotometric Study of Comet Bradfield (1987s). *Earth Moon and Planets*, 43(3):221–225, Dec. 1988.
- [66] B. S. Rautela, P. S. Goraya, B. B. Sanwal, and S. K. Gupta. Spectrophotometric Observations of Comet Hartley-Good (1985 1). *Earth Moon and Planets*, 40(1):21–27, Jan. 1988.
- [65] S. C. Joshi, J. B. Srivastava, T. D. Padalia, and C. D. Kandpal. Astrometric Positions of Comet Wilson (1986l). *Earth Moon and Planets*, 40(2):217–218, Feb. 1988.
- [64] P. S. Goraya and N. S. Tur. Spectral energy distribution and long-term variations in gamma cassiopeiae. *Ap&SS*, 145(2):263–275, June 1988.
- [63] P. S. Goraya and N. S. Tur. On the Continua and Infrared Excess of Some Bright Be Stars. *AJ*, 96:346, July 1988.
- [62] P. S. Goraya, B. S. Rautela, and B. B. Sanwal. Scanner Observations of P/Halley (1982i). *Earth Moon and Planets*, 40(3):221–226, Mar. 1988.
- [61] N. S. Tur, P. S. Goraya, and U. S. Chaubey. Continuum Energy Dissipation of 48-PERSEI. *Ap&SS*, 139(2):257–262, Dec. 1987.
- [60] J. B. Srivastava and C. D. Kandpal. Eclipsing Binary Uw-Bootis. *Ap&SS*, 133(2):291–296, May 1987.
- [59] M. Singh and U. S. Chaubey. Spectrophotometric Observations and Evolutionary Status of Ten Be-Stars. *Ap&SS*, 129(2):251–260, Jan. 1987.
- [58] S. C. Joshi, J. B. Srivastava, C. D. Kandpal, T. D. Padalia, B. B. Sanwal, U. S. Chaubey, and M. Singh. Photographic observations of Comet Halley (1982i). *Earth Moon and Planets*, 38(3):249–252, July 1987.
- [57] S. C. Joshi and B. B. Sanwal. Brightness distribution in the coma of comet Halley (1982i). *Earth Moon and Planets*, 39(3):203–205, Nov. 1987.
- [56] P. S. Goraya, B. S. Rautela, and B. B. Sanwal. Study of Periodic Comet Encke during its Apparition in 1984. *Earth Moon and Planets*, 37(1):53–58, Jan. 1987.
- [55] P. S. Goraya and H. S. Gurm. Spectrophotometry of eight bright Be stars. *A&A*, 180:167–171, June 1987.
- [54] M. Singh. Spectrophotometry of Some Be-Stars. *Ap&SS*, 120(1):133–138, Mar. 1986.
- [53] A. K. Pandey and H. S. Mahra. Photometry of open cluster NGC 1931. *Ap&SS*, 120(1):107–113, Mar. 1986.
- [52] A. K. Pandey. Photometry of open cluster Stock 17. *Bulletin of the Astronomical Society of India*, 14:20–24, Mar. 1986.
- [51] P. S. Goraya, B. B. Sanwal, and B. S. Rautela. The Spectrum of Periodic Comet Encke. *Journal of the British Astronomical Association*, 96:210, June 1986.
- [50] P. S. Goraya. Ultraviolet and infrared excess emission in Be stars. *MNRAS*, 222:121–141, Sept. 1986.
- [49] J. C. Bhattacharyya. New Telescopes in India. *Ap&SS*, 118(1-2):45–49, Jan. 1986.
- [48] M. Singh. Continuum Energy Distribution of Be-Stars. *Ap&SS*, 113(2):325–331, July 1985.
- [47] B. B. Sanwal, B. S. Rautela, and S. C. Joshi. Spectrophotometric Study of X-Persei. *Ap&SS*, 110(2):301–309, Mar. 1985.

- [46] V. Mohan and R. Sagar. A photometric study of the open cluster M39. *MNRAS*, 213:337, Mar. 1985.
- [45] P. S. Goraya and M. Singh. Spectrophotometric Investigations of Be-Stars. *Ap&SS*, 108(1):161–173, Jan. 1985.
- [44] P. S. Goraya and B. S. Rautela.  $H\alpha$  Line Emission and Infrared Excess in Be-Stars. *Ap&SS*, 113(2):373–381, July 1985.
- [43] P. S. Goraya. Spectrophotometry of Bright Be-Stars. *Ap&SS*, 112(1):1–11, May 1985.
- [42] P. S. Goraya. Spectrophotometric Study of Be-Stars. *Ap&SS*, 112(2):325–336, May 1985.
- [41] P. S. Goraya. Some Infrared Photometric Characteristics of Be-Stars. *Ap&SS*, 112(1):203–208, May 1985.
- [40] P. S. Goraya. Recent Changes in the Spectrum of the Be-Star 48-PERSEI. *Ap&SS*, 109(2):373–380, Feb. 1985.
- [39] P. S. Goraya. Continuum energy distribution and photometric behaviour of  $\pi$  Aqr. *MNRAS*, 215:265–273, July 1985.
- [38] J. B. Srivastava and C. D. Kandpal. Photometric elements of the eclipsing binary AE Cas. *Acta Astron.*, 34:281–290, Jan. 1984.
- [37] A. K. Pandey, H. S. Mahra, and V. Mohan. The occultation of Hyd -20 deg 51695 by Uranus on 1982 May 1. *Bulletin of the Astronomical Society of India*, 12:258–262, Sept. 1984.
- [36] V. Mohan and A. K. Pandey. Photometry of Open Cluster KING:12. *Ap&SS*, 105(2):315–321, Oct. 1984.
- [35] V. Mohan and A. K. Pandey. Photometry of open cluster King 21. *Bulletin of the Astronomical Society of India*, 12:217–222, Sept. 1984.
- [34] P. S. Goraya, B. S. Rautela, and B. B. Sanwal. Spectrophotometry of Comet Austin (1982g) during post-perihelion period. *Earth Moon and Planets*, 30(1):63–74, Feb. 1984.
- [33] U. S. Chaubey and M. Singh. UBV photometry of two eclipsing binary stars. *Bulletin of the Astronomical Society of India*, 12:40–44, Mar. 1984.
- [32] R. Sagar and U. C. Joshi. Study of the open cluster NGC 2264. *MNRAS*, 205:747–758, Nov. 1983.
- [31] B. S. Rautela and S. C. Joshi. Scanner observations of the classical Cepheids RT AUR and T Vul. *Journal of Astrophysics and Astronomy*, 4:1–9, Mar. 1983.
- [30] H. S. Mahra, A. K. Pandey, U. C. Joshi, and V. Mohan. The occultation of BD - 19 deg 4222 by Uranus on 1981 April 26. *Bulletin of the Astronomical Society of India*, 11:152–158, June 1983.
- [29] U. C. Joshi, B. B. Sanwal, and R. Sagar. Photometry of the open cluster NGC 6913. *PASJ*, 35:405–412, Jan. 1983.
- [28] U. C. Joshi and R. Sagar. Study of the Open Cluster IC 1805. *J. R. Astron. Soc. Canada*, 77:40, Feb. 1983.
- [27] U. C. Joshi and R. Sagar. Photometry of the open cluster NGC 654. *MNRAS*, 202:961–970, Mar. 1983.
- [26] B. B. Sanwal, B. S. Rautela, and P. S. Goraya. A Note on the Spectrum of Comet Austin 1982G. *Journal of the British Astronomical Association*, 93:37, Feb. 1982.
- [25] U. S. Chaubey. Photometric Elements and Evolutionary Status of Eclipsing Binary Di-Pegasi. *Ap&SS*, 81(1-2):283–293, Jan. 1982.
- [24] J. B. Srivastava and C. D. Kandpal. Eclipsing Binary System Av-Hydrae. *Ap&SS*, 76(1):173–186, May 1981.
- [23] B. B. Sanwal and U. S. Chaubey. UBV Photometry of Rt-Persei. *Ap&SS*, 75(2):329–340, Apr. 1981.
- [22] R. Sagar and U. C. Joshi. Study of the galactic cluster NGC 6823. *Ap&SS*, 75(2):465–472, Apr. 1981.
- [21] M. K. Bappu, W. Liller, M. C. Pande, H. S. Mehra, A. K. Pande Vijaymohan, and U. C. Joshi. Occultation of BD -19 4222 by Uranus. *IAU Circ.*, 3599:2, May 1981.



- [20] C. D. Kandpal and J. B. Srivastava. Photoelectric study of the eclipsing system CD Eridani. *Ap&SS*, 67(1):213–227, Jan. 1980.
- [19] S. C. Joshi and B. S. Rautela. Spectrophotometric Determination of the Temperature of the Cepheid *Su-Cassiopeiae*. *Ap&SS*, 70(2):393–399, July 1980.
- [18] U. S. Chauby and B. S. Rautela. A Note on the Spectrum of Comet Bradfield 1979. *Journal of the British Astronomical Association*, 90:475, Jan. 1980.
- [17] J. B. Srivastava and C. D. Kandpal. Photoelectric Elements of the Eclipsing Binary XY Cep. *Ap&SS*, 66(1):143–159, Nov. 1979.
- [16] R. Sagar and U. C. Joshi. A study of the young open cluster NGC 6611. *Ap&SS*, 66(1):3–12, Nov. 1979.
- [15] B. S. Rautela and S. C. Joshi. Classification of M-type Stars from Spectral Scans. *Bulletin of the Astronomical Society of India*, 7:43, June 1979.
- [14] R. Sagar and U. C. Joshi. Study of the Galactic Cluster NGC 581. *Bulletin of the Astronomical Society of India*, 6:12, Mar. 1978.
- [13] R. Sagar and U. C. Joshi. Study of the extremely young open cluster NGC 6530. *MNRAS*, 184:467, Aug. 1978.
- [12] S. C. Joshi and B. S. Rautela. Absolute energy distribution in Rho Cassiopeiae. *MNRAS*, 183:55–59, Apr. 1978.
- [11] M. S. Vardya. Editor’s Note-Book. *Bulletin of the Astronomical Society of India*, 5:3, Mar. 1977.
- [10] S. D. Sinvhal, H. S. Mahra, S. K. Gupta, M. K. V. Bappu, and B. G. Marsden. Occultation of SAO 158687 by Uranian Rings. *IAU Circ.*, 3061:1, Apr. 1977.
- [9] U. C. Joshi and R. Sagar. Photoelectric Photometry of the Open Cluster Tr-1. *Ap&SS*, 48(1):225–230, May 1977.
- [8] R. Sagar. Photometry of the Galactic Cluster NGC 2169. *Ap&SS*, 40(2):447–454, Apr. 1976.
- [7] S. C. Joshi and B. S. Rautela. Absolute Energy Distributions of some A and F Stars. *Ap&SS*, 45(1):199–205, Nov. 1976.
- [6] S. D. Sinvhal, C. D. Kandpal, H. S. Mahra, S. C. Joshi, and J. B. Srivastava. The 104-cm telescope of Uttar Pradesh State Observatory. In *Optical Astronomy with Moderate Size Telescopes*, pages 20–34, Jan. 1975.
- [5] R. C. Kapoor and S. D. Sinvhal. Flares on AD Leonis and YZ Canis Minoris. *Information Bulletin on Variable Stars*, 901:1, June 1974.
- [4] U. C. Joshi, R. Sagar, and P. Pandey. Photoelectric photometry of the open cluster NGC 1778. *Bulletin of the Astronomical Society of India*, 2:34, Jan. 1974.
- [3] S. D. Sinvhal. Uttar Pradesh State Observatory. *Bulletin of the Astronomical Society of India*, 1:23, Jan. 1973.
- [2] S. D. Sinvhal, C. D. Kandpal, H. S. Mahra, S. C. Joshi, and J. B. Srivastava. The 104-cm telescope of Uttar Pradesh State Observatory. In *Optical astronomy with moderate size telescopes*, pages 20–34, Jan. 1972.
- [1] Notes. *The Observatory*, 92:67–67, Apr. 1972.