

CURRICULUM VITAE

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 Nationality, Gender: Indian, W
 Date of Birth: 1 October, 1958

Education:

B.Sc	St. Agnes College, University of Mysooru, India	1977
M.Sc.(Physics)	Indian Institute of Technology-Bombay, India	1979
Ph.D.(Physics)	Tata Institute of Fundamental Research, India	1989

Positions Held:

Emeritus Scientist, Raman Research Institute , India	(2022-)
Adjunct Professor, International Centre for Radio Astronomy Research , Australia	(2021-)
Senior Associate, ICTS-Tata Institute of Fundamental Research , India	(2016-2019)
Tenured Faculty, Indian Institute of Astrophysics, Bengaluru , India	(1995-2018)
Distinguished Visitor, Australian National University , Australia	(2017)
Fulbright Scholar, Stanford University , USA	(2012)
Visiting Scientist, Harvard-Smithsonian Center for Astrophysics , USA	(1994-1995)
Post-doctoral Fellow, Astronomy Dept, University of California, Berkeley , USA	(1992-1994)
Post-doctoral Fellow, Dept. of Astronomy, University of Texas, Austin , USA	(1990-1992)
Visiting Scholar, Physics Dept., Indian Institute of Science , Bengaluru, India	(1989-1990)
Ph.D. student, Tata Institute of Fundamental Research , Mumbai, India	(1981-1989)
Research Scholar, Indian Institute of Technology , Bombay, India	(1979-1981)

Research Specialty:

Physics of accreting supermassive black holes using multi-frequency observations

Publications:	Refereed Research Publications	54
	Scientific Presentations in Conferences & Proceedings	48
	Citations	>1100
	Technical Reports	8
	General Articles, & Multi-media Pieces	57

Ph.D. Supervision:

Dharam Vir Lal, Graduated 2002, (currently faculty, *Tata Institute of Fundamental Research, India*)
Preeti Kharb, Graduated 2004, (currently faculty, *Tata Institute of Fundamental Research, India*)
Veeresh Singh, Graduated 2011, (currently faculty, *Physical Research Laboratory, India*)
MN Sundar, Current Student (*Jain University, Bengaluru, India - Co-supervision*)

Awards & Grants:

Senior Visiting Fellow (ICRAR Australia)	(2020)
Distinguished Visitor (Australian National University)	(2017)
Fulbright Senior Research Fellowship (Stanford University, USA)	(2012)
DST Indo-Italian Co-operation programme grant	(2005-2007)
DST Indo-Russian Co-operation programme grant	(1999-2003)
NASA Astrophysics Data Program grant	(1994)
American Astronomical Society Research Grant	(1992 & 1993)
NASA Roentgen Satellite grant	(1990-1993)

Teaching: Course on NUMERICAL TECHNIQUES IN ASTROPHYSICS: 2016, 2017
in the Joint Astronomy Programme, Indian Institute of Astrophysics & Indian Institute of Science
Course on EXTRAGALACTIC ASTROPHYSICS 1999, 2000, 2004
*in The Joint Astronomy Programme, Indian Institute of Astrophysics & Indian Institute of Science
 and in Bangalore University*

Intern/Undergraduate/Masters Student Supervision:

<i>Aruna Keshavan</i>	<i>Malavika Vasisht</i>	<i>Nitika Gupta</i>	<i>Swayamtrupta Panda</i>
<i>Debashish Jena</i>	<i>Tanmaya Mishra</i>	<i>Kshama Kurian</i>	<i>Estrella Jimenez Gomez</i>
<i>M N Sundar</i>	<i>Maitrayee Gupta</i>	<i>Chetna Duggal</i>	<i>Meenakshi Hariharan</i>
<i>Jaya Maithil</i>	<i>Subhashree Swain</i>	<i>Anwesha Sarkar</i>	<i>Vaishnavi Raghavan</i>
<i>Prajwel Joseph</i>	<i>Sanath Kumar</i>	<i>Medha P Sathe</i>	<i>Vikram Mark Radhakrishnan</i>
<i>Anumol C. G.</i>	<i>Anagha P. N.</i>		

Telescope Time Obtained as Principal Investigator

Chandra X-ray Observatory (USA);	ASTROSAT Multiwavelength Observatory (India);
Very Large Array (Radio frequencies: USA),	Giant Metre Wave Radio Telescope (India);
Himalayan Chandra Telescope (India)	Suzaku X-ray Observatory (Japan);
Roentgen X-ray Satellite (USA)	
Global Very Long Baseline Interferometry (Radio frequencies: USA & Europe);	

Leadership Role in Organisational Activities:

- INTERNATIONAL CONFERENCE ON WOMEN IN PHYSICS, *IUPAP, University of Melbourne, 2021*
- UNDERSTANDING INTERSECTIONALITY, *A Workshop at the IUPAP ICWIP, University of Melbourne, 2021*
- Founder & Past-Chair, Gender in Physics Working Group, Indian Physics Association
- Pressing for Progress 2019, *A National IPA Conference towards Gender Equity in Physics, Univ. of Hyderabad, 2019*
- COPPERMOON RISING!, *A National Campaign around the Total Lunar Eclipse, India 2018*
- Pressing for Progress 2018, *A Discussion Meeting on Gender in Physics, ICTS-TIFR, 2018*
- International Conference on Women in Physics, *IUPAP, University of Birmingham, 2017*
- INTERSECTIONALITY, *A Workshop at the IUPAP ICWIP, University of Birmingham, 2017*
- EXTRAGALACTIC RELATIVISTIC JETS: CAUSE AND EFFECT, INTERNATIONAL CENTRE FOR THEORETICAL SCIENCES PROGRAMME (Co-organiser), *ICTS-TIFR, Bengaluru, India, October 2015*
- SPLINTER MEETING OF IAU COMMISSION B3 *at the IAU General Assembly, Honolulu, USA, August 2015*
- EXTRAGALACTIC JETS FROM EVERY ANGLE, IAU SYMPOSIUM 313: (Co-organiser), *Galapagos, Ecuador, 2014*
- WORKSHOP ON GENDER STUDIES, *at the 5th & 6th IUPAP International Conferences on Women in Physics, Waterloo, Canada, (August 2014) & Birmingham, UK, (Jul 2017)*
- EYES ON ISON, *A National Year-long Awareness Campaign on the Trail of Comet ISON, India 2013*
- SAMSI-SAVI WORKSHOP ON ASTROSTATISTICS, *at the Statistical & Mathematical Sciences Institute, Research Triangle Park, USA, September 2012*
- "HOT STARS, GALACTIC STAR FORMATION AND COSMIC STAR FORMATION HISTORY: ULTRAVIOLET ASTROPHYSICS USING SPACE MISSIONS", *Meeting at the 39th COSPAR Scientific Assembly, July, 2012*
- KALPANEYA YATRE, *A 10-day Astronomy Festival for the Public, JN Planetarium, Bengaluru, 2010*
- INTERNATIONAL YEAR OF ASTRONOMY, *inter-alia* 100-LECTURES, GALILEAN NIGHTS, LANDMARK LECTURES, 2009
- IIA-PENNSTATE ASTROSTATISTICS SCHOOLS, *IIA-VBO, Kavalur 2007, 2008, 2010 & 2013*
- ASTRONOMY & ASTROPHYSICS SUMMER SCHOOL 1999

Honorary Community Service Positions

Vice-Chair, IUPAP Working Group on Women in Physics
Vice-Chair, Executive Committee, International Year of Basic Sciences for Sustainable Development
Member, Steering Committee, Australian Academy of Science project on regional Impact of COVID19
Member (past), Working Group on Gender Equity, Astronomical Society of India
Member, Editorial Board, Bulletin of the Association of Asia-Pacific Physical Societies
Member, Board of the School of Physics, University of Hyderabad, India
Founder & Past Chair, Gender in Physics Working Group, Indian Physics Association
Past President, Commission on Astrostatistics & Astroinformatics, International Astronomical Union

Memberships:

Member, Science Working Group of the Square Kilometre Array
Life Member, International Astronomical Union (IAU)
Life Member, Astronomical Society of India
Life Member, Indian Physics Association
Member, American Physical Society
Former Senior Associate, International Centre for Theoretical Sciences
Member, Working Group on Gender Equity, Astronomical Society of India
Member, International Astrostatistics Network
Member, Committee on Space Research (COSPAR)
Life Member, Karnataka Rajya Vijnana Parishat (science-popularisation organisation of the state)
Member, Bharat Gyan Vigyan Samiti Karnataka (science-popularisation organisation of the state)
Member, Organisation of Women Scientists for the Developing World
Life Member, Graduate Women International

COMPLETE LIST OF PUBLICATIONS

A. Research Publications in Refereed Journals

B. Research Papers presented in Conferences, Meetings & Symposia

C. Technical Reports

D. General Articles, Videos, Presentations

A. Research Publications in Refereed Journals

1. S. Juneau,, A. Goulding, J. Banfield,..., **P. Shastri**, ... 2022, THE BLACK HOLE-GALAXY CONNECTION: INTERPLAY BETWEEN FEEDBACK, OBSCURATION, AND HOST GALAXY SUBSTRUCTURE, *Astrophys. J.* **925**, 203.
2. **P. Shastri**, M. Dopita, J. Banfield, A. Thomas, F. Longbottom, M.N. Sundar, C. Duggal, B. Groves, P. Kharb, R. Davies, L. Kewley, L. Sairam, E. Hampton, P. Shalima, B. James, & the S7 collaboration 2019, THE ENVIRONMENTS OF ACCRETING SUPERMASSIVE BLACK HOLES IN THE NEARBY UNIVERSE: A BRIEF OVERVIEW OF THE SOUTHERN SEYFERT SPECTROSCOPIC SNAPSHOT SURVEY (S7), *AIP Proc.* **2109**, 1.
3. A.D. Thomas, M. Dopita, **P. Shastri**, R. Davies, E. Hampton, L. Kewley, J. Banfield, B Groves, B. James, C. Jin, S. Juneau, P. Kharb, L. Sairam, J. Scharwächter, P. Shalima, M.N. Sundar, R. Sutherland & I. Zaw, 2017, PROBING THE PHYSICS OF NARROW-LINE REGIONS IN ACTIVE GALAXIES. IV. FULL DATA RELEASE OF THE SIDING SPRING SOUTHERN SEYFERT SPECTROSCOPIC SNAPSHOT SURVEY (S7), *Astrophys. J. Supp.* **232**, 11.
4. R. Davies, B Groves, L. Kewley, A.M. Medling, **P. Shastri**, J. Maithil, P. Kharb, J. Banfield, F. Longbottom, M. Dopita, J., E. Hampton, Scharwächter, R. Sutherland, C. Jin, I. Zaw, B. James & S. Juneau, 2017, DISSECTING GALAXIES: SEPARATING STAR FORMATION, SHOCK EXCITATION AND AND AGN ACTIVITY IN THE CENTRAL REGION OF NGC 613, *Mon. Not. R. astron. Soc.* **470**, 4974.
5. E. Hampton, A.M. Medling, B Groves, L. Kewley, M. Dopita, R. Davies, I.-T. Ho, M. Kaasinen, S. Leslie, R. Sharp, S.M. Sweet, A.D. Thomas, J. Allen, J. Bland-Hawthorn, S. Brough, J.J. Bryant, S. Croom, M. Goodwin, A. Green, I.S. Konstantantopoulos, J. Lawrence, A.R. Lopez-Sanchez, N. Lorente, R. mcElroy, M. Owers, S. Richards, **P. Shastri**, 2017, USING AN ARTIFICIAL NEURAL NETWORK TO CLASSIFY MULTICOMPONENT EMISSION LINES WITH INTEGRAL FIELD SPECTROSCOPY FROM SAMI AND S7, *Mon. Not. R. astron. Soc.* **470**, 3395.
6. P. Kharb, D.V. Lal, V. Singh, J. Bagchi, C.H. Ishwara Chandra, A. Hota, C. Konar, Y. Wadadekar, **P. Shastri**, M. Das, K. Baliyan, B.B. Nath & M. Pandey-Pommier, 2016, FROM NEARBY LOW LUMINOSITY AGN TO HIGH REDSHIFT RADIO GALAXIES: SCIENCE INTERESTS WITH SQUARE KILOMETRE ARRAY, *J. Astr. Astrophys.* **37**, 34.
7. R. Davies, B Groves, L. Kewley, M. Dopita, J., E. Hampton, **P. Shastri**, Scharwächter, R. Sutherland, P. Kharb, H. C. Bhatt, J. C. Jin, J. Banfield, I. Zaw, B. James, Juneau, S., Srivastava, S., 2016, DISSECTING GALAXIES: SPATIAL AND SPECTRAL SEPARATION OF EMISSION EXCITED BY STAR FORMATION AND AGN ACTIVITY, *Mon. Not. R. astron. Soc.* **462**, 1616.
8. R. Davies, M. Dopita, L. Kewley, B Groves, R. Sutherland, E. Hampton, **P. Shastri**, P. Kharb, H. C. Bhatt, J. Scharwächter, J. C. Jin, J. Banfield, Zaw, I. James, B., Juneau, S., Srivastava, S., 2016, THE ROLE OF RADIATION PRESSURE IN THE NARROW LINE REGIONS OF SEYFERT HOST GALAXIES, *Astrophys. J.* **824**, 50.
9. J. Scharwächter, M. Dopita, **P. Shastri**, R. Davies, L. Kewley, E. Hampton, R. Sutherland, P. Kharb, J. Jose, H. Bhatt, S. Ramya, C. Jin, J. Banfield, I. Zaw, S. Juneau, B. James & S. Srivastava, 2015, THE WIFES S7 AGN SURVEY: CURRENT STATUS AND RECENT RESULTS ON NGC6300, *Astrophys. & Sp. Sc.* **42**, 263.
10. **P. Shastri**, M. Dopita, J. Scharwächter, L. Kewley, R. Davies, R. Sutherland, P. Kharb, J. Banfield, J. Jose, S. Ramya, S. Srivastava, H. C. Bhatt, E. Hampton, C. Jin, H. Basurah, S. Fisher, M. Gupta, S. Panda, M.N. Sundar & V. Radhakrishnan 2015, PROBING THE PHYSICS OF SEYFERT GALAXIES USING THEIR EMISSION-LINE REGIONS, *Refereed Proceedings of the 5th IUPAP International Conference on Women in Physics*, eds. B. Cunningham, S. Ghose & C. O’Riordan, *American Institute of Physics, in press*.
11. M. Dopita, **P. Shastri**, R. Davies, L. Kewley, E. Hampton, J. Scharwächter, R. Sutherland, P. Kharb, J. Jose,

- H. Bhatt, S. Ramya, C. Jin, J. Banfield, I. Zaw, S. Juneau, & B. James 2015, PROBING THE PHYSICS OF NARROW LINE REGIONS IN ACTIVE GALAXIES. II. THE SIDING SPRING SOUTHERN SEYFERT SPECTROSCOPIC SNAPSHOT SURVEY (S7), *Astrophys. J. Supp.* **217**, 12.
12. H. Raichur, M. Das, A. Alonso-Herrero, **P. Shastri**, & N. Kantharia 2015, LATE TIME X-RAY, IR AND RADIO OBSERVATIONS OF THE TIDAL DISRUPTION EVENT GALAXY NGC 5905, *Astrophys. Sp. Sc.* **357**, 32.
13. M. Dopita, I.-Ting Ho, L. Dressel, R. Sutherland, L. Kewley, R. Davies, E. Hampton, **P. Shastri**, P. Kharb, J. Jose, H. Bhatt, S. Ramya, J. Scharwächter, C. Jin, J. Banfield, I. Zaw, B. James & S. Juneau, 2015, PROBING THE PHYSICS OF NARROW-LINE REGIONS IN ACTIVE GALAXIES. III. ACCRETION AND COCOON SHOCKS IN THE LINER NGC 1052, *Astrophys. J.* **801**, 42.
14. M. Dopita, J. Scharwächter, **P. Shastri**, L. Kewley, R. Davies, R. Sutherland, P. Kharb, J. Jose, E. Hampton, C. Jin, J. Banfield, H. Basurah & S. Fischer, 2014, PROBING THE PHYSICS OF NARROW-LINE REGIONS OF SEYFERT GALAXIES. I: THE CASE OF NGC 5427, *Astron. Astrophys.* **566**, 41.
15. G. Bhatta, J. Webb,, **P. Shastri**, 2013, THE 72-H WEBT MICROVARIABILITY OBSERVATION OF BLAZAR S5 0716 + 714 IN 2009, *Astron. Astrophys.* **558**, 92.
16. V. Singh, **P. Shastri**, C.H. Ishwara-Chandra & R. Athreya, 2013, LOW-FREQUENCY RADIO OBSERVATIONS OF SEYFERT GALAXIES: A TEST OF THE UNIFICATION SCHEME, *Astron. Astrophys.* **554**, 85.
17. V. Singh, G. Risaliti, V. Braitto & **P. Shastri** 2012, SUZAKU X-RAY SPECTRAL STUDY OF THE COMPTON-THICK SEYFERT GALAXY NGC 5135, *Mon. Not. of R. Astr. Soc.* **419**, 2089.
18. V. Singh, **P. Shastri** & G. Risaliti, 2011, MEASURING THE LEVEL OF NUCLEAR ACTIVITY IN SEYFERT GALAXIES AND THE UNIFICATION SCHEME, *Astron. Astrophys.* **533**, 128.
19. V. Singh, **P. Shastri** & G. Risaliti, 2011, X-RAY SPECTRAL PROPERTIES OF SEYFERT GALAXIES AND THE UNIFICATION SCHEME, *Astron. Astrophys.* **532**, 84.
20. V. Singh, **P. Shastri**, & R. Athreya, 2011, SEYFERT GALAXIES: RADIO CONTINUUM EMISSION PROPERTIES AND THE UNIFICATION SCHEME, *J. Astrophys. Astron.* **32**, 497.
21. D. V. Lal, **P. Shastri** & D.C. Gabuzda, 2011, SEYFERT GALAXIES: NUCLEAR RADIO STRUCTURE AND UNIFICATION, *Astrophys. J.* **731**, 68.
22. M. Safonova & **P. Shastri**, 2010, EXTRAPOLATING SMBH CORRELATIONS DOWN THE MASS SCALE: THE CASE FOR IMBHs IN GLOBULAR CLUSTERS, *Astrophys. Sp. Sc.* **325**, 47.
23. P. Kharb, D. C. Gabuzda, C.P. O'Dea, **P. Shastri** & S. A. Baum, 2009, ROTATION MEASURES ACROSS PARSEC-SCALE JETS OF FANAROFF-RILEY TYPE I RADIO GALAXIES, *Astrophys. J.* **694**, 1485.
24. P. Kharb, D. C. Gabuzda, & **P. Shastri**, 2008, PARSEC-SCALE MAGNETIC FIELD STRUCTURES IN HEAO-1 BL LACS, *Mon. Not. of R. Astr. Soc.* **384**, 230.
25. P. Kharb, Lister, M. & **P. Shastri**, 2008, MAGNETIC FIELDS IN BLAZAR PC-SCALE JETS — POSSIBLE CONNECTION TO SPIN RATES OF BLACK HOLES?, *Int. J. Mod. Phys.* **17**, 1545.
26. **P. Shastri**, 2007, ACTIVE GALAXIES AND THEIR IMPORTANCE: RESULTS FROM IMAGING THEM IN THE UV, *Bull. Astron. Soc. India* **35**, 249.
27. **P. Shastri**, J. Hutchings, J. Murthy, M. Whittle & B. J. Wills, 2006, OVI ASYMMETRY AND AN ACCELERATED OUTFLOW IN AN OBSCURED SEYFERT L FUSE AND HST STIS SPECTROSCOPY OF MARKARIAN 533, *Astrophys. J.* **646**, 76.
28. P. Kharb, **P. Shastri**, & D. C. Gabuzda, 2005, WHEN LESS IS MORE: ARE RADIO GALAXIES BELOW THE FANAROFF-RILEY BREAK MORE POLARIZED ON PARSEC SCALES?, *Astrophys. J. Lett.* **632**, L69.
29. C. M. Raiteri, M. Villata, M. A. Ibrahimov, V. M. Larionov, M. Kadler, H. D. Aller, M. F. Aller, Y. Y. Kovalev, L. Lanteri, K. Nilsson, I. E. Papadakis, R. Pursimo, G. E. Romero, H. Teräsanta, M. Tornikoski, A. A. Arkharov, D. Barnaby, A. Berdyugin, M. Böttcher, K. Byckling, M. T. Carini, D. Carosati, S. A. Cellone, S.

- Ciprini, J. A. Combi, S. Crapanzano, R. Crowe, A. di Paola, M. Dolci, L. Fuhrmann, M. Gu, V. A. Hagen-Thorn, P. Hakala, V. Impellizzeri, S. Jorstad, J. Kerp, G. N. Kimeridze, Yu. A. Kovalev, A. Kraus, T. P. Krichbaum, O. M. Kurtanidze, A. Lähteenmäki, E. Lindfors, M. G. Mingaliev, R. Nesci, M. G. Nikolashvili, J. Ohlert, M. Orío, L. Ostorero, M. Pasanen, A. Pati, C. Poteet, E. Ros, J. A. Ros, **P. Shastri**, L. A. Sigua, A. Sillanpää, L. O. Takalo, G. Tosti, A. Vasileva, S. J. Wagner, R. Walters, J. R. Webb, W. Wills, A. Witzel, E. Xilouris, 2005, THE WEBT CAMPAIGN TO OBSERVE O235+16 IN THE 2003-2004 OBSERVING SEASON. I. RESULTS FROM RADIO-TO-OPTICAL MONITORING AND XMM-NEWTON OBSERVATIONS, *Astron. Astrophys.* **438**, 39.
30. P. Kharb & **P. Shastri**, 2004, OPTICAL NUCLEI OF RADIO-LOUD AGN AND THE FANAROFF-RILEY DIVIDE, *Astron. Astrophys.* **425**, 825.
31. D. V. Lal, **P. Shastri** & D. Gabuzda, 2004, MILLIARCSEC-SCALE RADIO STRUCTURE OF A MATCHED SAMPLE OF SEYFERT 1 AND SEYFERT 2 GALAXIES, *Astron. Astrophys.* **425**, 99.
32. P. Kharb, D. Gabuzda, & **P. Shastri**, 2003, MAGNETIC FIELD GEOMETRY OF 3C111 ON PC-SCALES, *Bull. Astron. Soc. India* **31**, 433.
33. **P. Shastri**, J. Murthy, J. Hutchings & B. J. Wills, 2003, SPECTROSCOPY OF SEYFERTS IN THE FAR-UV, *Bull. Astron. Soc. India* **31**, 429.
34. P. Kharb, D. Gabuzda, & **P. Shastri**, 2003, MAGNETIC FIELD GEOMETRY IN 'RED' AND 'BLUE' BL LACS, in *Circular Polarisation from Relativistic Jet Sources*, eds.: R. Fender & J.-P. Macquart, *Astrophys. Sp. Sc.* **288**, 51.
35. P. Kharb, D. Gabuzda & **P. Shastri**, 2002, POLARIZATION STUDY OF BL LACERTAE OBJECTS ON PC-SCALES, *Bull. Astron. Soc. India* **30**, 761.
36. **P. Shastri**, 2001, SEYFERTS AND THEIR RADIO MORPHOLOGY, *Astron. Astrophys. Transactions* **20**, 281.
37. D. V. Lal, **P. Shastri** & D. Gabuzda, 2001, SEYFERT GALAXIES ON MILLIARCSECOND SCALES, *Astron. Astrophys. Transactions* **20**, 311.
38. C. M. Raiteri, M. Villata, H. D. Aller, M. F. Aller, J. Heidt, O. M. Kurtanidze, L. Lanteri, M. Maesano, E. Massaro, F. Montagni, R. Nesci, K. Nilsson, M. G. Nikolashvili, P. Nurmi, L. Ostorero, T. Pursimo, R. Rekola, A. Sillanpää, L. O. Takalo, H. Teräsanta, G. Tosti, T. J. Balonek, M. Feldt, A. Heines, C. Heisler, J. Hu, M. Kidger, J. R. Mattox, E. J. McGrath, A. Pati, R. Robb, A. C. Sadun, **P. Shastri**, S. J. Wagner, J. Wei & X. Wu, 2001, OPTICAL AND RADIO VARIABILITY OF THE BL LACERTAE OBJECT AO 0235+16: A POSSIBLE 5-6 YEAR PERIODICITY, *Astron. Astrophys.* **377**, 396.
39. P. Kharb & **P. Shastri**, 2001, RELATIVISTIC BEAMING AND CENTRAL COMPONENTS OF RADIO GALAXIES, *Bull. Astron. Soc. India* **29**, 425.
40. D. V. Lal, **P. Shastri** & D. Gabuzda, 2000, SEYFERTS AT MILLI-ARCSEC SCALES, *Bull. Astron. Soc. India* **28**, 403.
41. **P. Shastri**, B. J. Wilkes, M. Elvis, & J. C. McDowell, 1993, QUASAR X-RAY SPECTRA REVISITED, *Astrophys. J.* **410**, 29.
42. **P. Shastri**, 1991, A RELATIVISTICALLY BEAMED X-RAY COMPONENT IN QUASARS?, *Mon. Not. R. astr. Soc.* **249**, 640.
43. D. J. Saikia, W. Junor, T. J. Cornwell, T. W. B. Muxlow & **P. Shastri**, 1990, A VLA AND MERLIN STUDY OF EXTRAGALACTIC RADIO SOURCES WITH ONE-SIDED STRUCTURE, *Mon. Not. R. astr. Soc.* **245**, 408.
44. D. J. Saikia, **P. Shastri**, T. J. Cornwell, W. Junor, T. W. B. Muxlow, 1989, EXTRAGALACTIC SOURCES WITH VERY ASYMMETRIC RADIO STRUCTURE - VLA & MERLIN OBSERVATIONS, *J. Astrophys. Astr.* **10**, 203.
45. D. J. Saikia, L. Staveley-Smith, D. Wills, T. J. Cornwell, C. J. Salter, W. Junor, **P. Shastri**, 1987, A WIDE-ANGLE RADIO-TAIL QUASAR - B2 1419+315, *Mon. Not. R. astr. Soc.* **229**, 495.
46. V. K. Kapahi & **P. Shastri**, 1987. OPTICALLY INDUCED ORIENTATION BIAS IN B2 RADIO QUASARS, *Mon. Not. R. astr. Soc.* **224**, 17p.

47. V. K. Kapahi & **P. Shastri**, 1987, OPTICALLY INDUCED ORIENTATION BIAS IN THE BOLOGNA SAMPLE OF RADIO QUASARS SELECTED AT 408-MHZ, *Bull. Astron. Soc. India* **15**, 40.
48. T. J. Cornwell, D. J. Saikia, **P. Shastri**, L. Feretti, G. Giovannini, P. Parma, C. J. Salter, 1986. EXTRAGALACTIC SOURCES WITH ASYMMETRIC RADIO STRUCTURE. II - FURTHER OBSERVATIONS OF THE QUASAR B2 1320+299, *J. Astrophys. Astr.* **7**, 119.
49. D. J. Saikia & **P. Shastri**, 1984, RELATIVE ORIENTATION OF CORE POLARIZATION AT 6 CM-WAVELENGTH AND THE OVERALL RADIO AXES OF QUASARS, *Mon. Not. R. astr. Soc.* **211**, 47.
50. D. J. Saikia, **P. Shastri**, R. P. Sinha, V. K. Kapahi, G. Swarup, 1984, EXTRAGALACTIC SOURCES WITH ASYMMETRIC RADIO STRUCTURE. I OBSERVATIONS OF 17 SOURCES, *J. Astrophys. Astr.* **5**, 429.
51. D. J. Saikia & **P. Shastri**, 1984, A RELATION BETWEEN THE CORE POLARIZATION AT $\lambda 6$ CM AND THE OVERALL RADIO AXES OF QUASARS, *Bull. Astron. Soc. India* **12**, 74.
52. D. J. Saikia, **P. Shastri**, R. P. Sinha, V. K. Kapahi, G. Swarup, 1984, EXTRAGALACTIC SOURCES WITH ASYMMETRIC RADIO STRUCTURE, *Bull. Astron. Soc. India* **12**, 73.
53. **P. Shastri** & Gopal-Krishna, 1983, THE LARGE-SCALE DISTRIBUTION OF QUASARS IDENTIFIED WITH STRONG RADIO SOURCES AT 5 GHz, *J. Astrophys. Astr.* **4**, 109.
54. D. J. Saikia, **P. Shastri**, T. J. Cornwell, & D. G. Banhatti, 1983, AN INTERESTING RADIO JET IN THE HIGH-REDSHIFT QUASAR 1857+566, *Mon. Not. R. astr. Soc.* **203**, 53p.

B. Research Papers Presented in Conferences & Workshops

1. M. N. Sundar, **P. Shastri** and the S7 collaboration, 2021, PROBING THE INTERPLAY BETWEEN NEARBY AGNs AND THEIR HOST GALAXIES USING MULTI-WAVELENGTH DATA, (poster), in *E1.18: Probing Energy Extraction from Supermassive Black Holes, 43rd COSPAR Scientific Assembly, Mysore, India, 2021*.
2. **P. Shastri**, on behalf of the S7 team, 2019, THE CIRCUM-NUCLEAR ENVIRONMENT AND JETS OF ACTIVE GALAXIES AT $z \sim 0$: RECENT RESULTS FROM A MULTI-FREQUENCY INVESTIGATION, *IAU Symposium 356, Nuclear Activity in Galaxies Across Cosmic Time*.
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