<u>CURRICULUM VITAE</u>	
Sardar Vallabhbhai Patel University of Agriculture & Technology	<u>drhpanwar@gmail.com</u>
Department of Dairy Microbiology	Mobile: +91-950-1260-540
College of Post Harvest Technology & Food Processing	
Meerut, Uttar Pradesh	
INDIA	

Harsh Panwar, Ph.D

Associate Professor https://www.researchgate.net/profile/Harsh_Panwar



GOLD Fellow, University of South Australia, Australia Commonwealth Scholar, Queen's University Belfast DST INSPIRE Fellow Associate Fellow, National Academy of Dairy Sciences India

Statistics

Publications	70			
Citations	3419 (Google Scholar)			
h- index	26	i10- index	41	
Orcid ID	0000-0003-4352-4229			

Education

Post-Doc	University of South Australia, Adelaide, Australia
Ph.D	Doctorate in Dairy Microbiology from ICAR-National Dairy Research Institute, Karnal, Haryana (June, 2013) and Queens University Belfast (UK) through DST- INSPIRE Fellowship and Commonwealth Split Site Program
Post Graduation	Post Graduation in Microbiology from Kurukshetra University Kurukshetra with University Gold Medal (2007)

Professional Affiliations/ Research Experience

Associate Professor	Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut
	Department of Dairy Microbiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, India
1	Department of Medical Microbiology, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh

2024	Best Teacher Award 2023, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
2024	Best Researcher Award 2023, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
2021	Associate Fellowship - National Academy of Dairy Sciences (India)
2019	AMI Young Scientist Award 2019
2019	AMI RS Rana Memorial Award 2019
2019	Indo – Australian Career Boosting GOLD Fellowship 2018-19 at University of South Australia, Adelaide, Australia
2019	Best Teacher Award 2019, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
2018	Best Researcher Award 2018, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
2017	Most Promising Young Dairy Microbiologist Award, Vets Club, Ludhiana
2011	COMMONWEALTH SCHOLARSHIP, United Kingdom
2010	DST-INSPIRE Fellowship, Govt. of INDIA
2008	Institutional Fellowship, ICAR-NDRI, Karnal
2007	UNIVERSITY GOLD MEDAL, Kurukshetra University Kurukshetra

Extramural Grants / Completed-Ongoing Research Projects

SERB-MoFPI	70.55 Lakhs
SERB-DST	27.53 Lakhs
DST-SEED Division	22.44 Lakhs
DBT	10.20 Lakhs
RKVY, Punjab Government	20.00 Lakhs
DST-National Post Doctoral Fellowship	19.20 Lakhs
ICAR – Niche Area	350 Lakhs
DST-SEED Division	14.00 Lakhs
MoFPI	41.00 Lakhs
DST – SEED Division	28.37 Lakhs
DST	4.5 Crores
Indian Oil Corporation Limited, Faridabad	30 Lakhs

M. Tech.			
Major Advisor		Co-Advisor	
	04 (Completed)		04 (Completed)
Ph.D.			
Major Advisor	01 (Completed)	Co-Advisor	03 (Completed)

Certificate Courses

- Certificate Course: Liquid Nitrogen its hazardous properties, University of South Australia
- Certificate Course: Biosafety 1 Biosafety principles, University of South Australia
- Certificate Course: Office Ergonomics Assessment, University of South Australia
- Certificate Course: Respectful Behaviour, University of South Australia
- Certificate Course: Safety & Wellbeing at UniSA, University of South Australia
- Certificate Course: Chemical Safety Assessment, University of South Australia
- Certificate Course: Chemical Spills Management Assessment, University of South Australia
- Certificate Course: Environmental Awareness Assessment, University of South Australia
- Certificate Course: Managing Health & Safety Risks Assessment, University of South Australia
- Certificate Course: Incident Investigation, University of South Australia
- Certificate Course: Fume Cupboards, University of South Australia

List of Publications (*Corresponding author)

Singh, H., Padmaja, M., Thomas, A. M., **Panwar, H**., Nasrul, S. I., Jyoti, & Singh, N. K. (2024). Molecular Survey of Tick-Borne Haemoparasites of Dogs by Multiplex Polymerase Chain Reaction from Punjab, India. Acta Parasitologica, 69(3), 1458-1470.

Sudha Rana, Swati Kapoor, Harsh Panwar, Vikas Kumar, Bal Vipan Chander Mahajan. (2024). Impact of packaging materials and storage durations on physico-chemical, techno-functional, antioxidant and oxidation properties of tomato seed protein isolate, Journal of Stored Products Research, Volume 106, 2024, 102284.

Heena, Kaushal, S., Kaur, V., Panwar, H., Sharma, P., & Jangra, R. (2024). Isolation of quinic acid from dropped Citrus reticulata Blanco fruits: its derivatization, antibacterial potential, docking studies, and ADMET profiling. *Frontiers in Chemistry*, *12*, 1372560.

Heena, Sonia Kaushal, Anu Kalia, Harsh Panwar, Vishaldeep Kaur. (2024). Unraveling the chemical composition, antibacterial, antioxidant and cytotoxic potential of Citrus reticulata Blanco dropped fruit extracts, Biocatalysis and Agricultural Biotechnology, Volume 57, 2024, 103104.

Sandhu, N., Ankush, A. P., Singh, J., Raigar, O. P., Bains, S., Jindal, T., **Harsh Panwar** & Kumar, A. (2023). Integrating association mapping, linkage mapping, fine mapping with RNA seq conferring seedling vigor improvement for successful crop establishment in deep sown direct-seeded rice. *Rice*, *16*(1), 46.

Wandhare, A. G., Chandra, M., & Panwar, H. (2023). Milk microflora with S. aureus alike colony characteristics limits its identification over selective and differential agar media. *Indian Journal of Dairy Science*, 76(2).

Kumar, D., Mehta, N., Panwar, H., Chatli, M. K., & Malav, O. P. (2023). In-vitro evaluation of antibacterial and antioxidant activity of essential oils from oregano (Origanum vulgare) and lime (Citrus aurantifolia).

Chaudhary, V., Katyal, P., Puniya, A. K., Panwar, H., Arora, M., Kaur, J., ... & Poonia, A. K. (2023). Pilotscale process to produce bio-pigment from Monascus purpureus using broken rice as substrate for solidstate fermentation. *European Food Research and Technology*, 249(7), 1845-1855.

Duche, R. T., Singh, A., Wandhare, A. G., Sangwan, V., Sihag, M. K., Nwagu, T. N., Harsh Panwar & Ezeogu, L. I. (2023). Antibiotic resistance in potential probiotic lactic acid bacteria of fermented foods and human origin from Nigeria. *BMC microbiology*, 23(1), 142.

Singh, A., Duche, R. T., Wandhare, A. G., Sian, J. K., Singh, B. P., Sihag, M. K., ... & Panwar, H. (2023). Milk-derived antimicrobial peptides: overview, applications, and future perspectives. *Probiotics and Antimicrobial Proteins*, *15*(1), 44-62.

Duche, R. T., Nwagu, T. N., Singh, A., Wandhare, A. G., Sihag, M. K., Panwar, H., & Ezeogu, L. I. (2022). Bile salt hydrolase and cholesterol assimilation potential of lactobacilli from Nigerian fermented foods and human sources. *Indian Journal of Dairy Science*, *75*(4).

Chaudhary, V., Katyal, P., Panwar, H., Kaur, J., Aluko, R. E., Puniya, A. K., & Poonia, A. K. (2022). Antioxidative, anti-inflammatory, and anticancer properties of the red biopigment extract from Monascus purpureus (MTCC 369). *Journal of Food Biochemistry*, 46(9), e14249.

Vishu Chaudhary, Priya Katyal, Anuj Kumar Poonia, Jaspreet Kaur, Anil Kumar Puniya, Harsh Panwar, Natural pigment from Monascus: The production and therapeutic significance, *Journal of Applied Microbiology*, Volume 133, Issue 1, 1 July 2022, Pages 18–38, <u>https://doi.org/10.1111/jam.15308</u>

Thomas, A. M., Singh, H., Panwar, H., Sethi, R. S., & Singh, N. K. (2022). Duplex real-time PCR methods for molecular detection and characterization of canine tick-borne haemoparasites from Punjab state, India. *Molecular Biology Reports*, 49(6), 4451-4459.

Padmaja, M., Singh, H., Panwar, H., Singh, N. K., & Singh, N. K. (2022). Development and validation of multiplex SYBR Green real-time PCR assays for detection and molecular surveillance of four tick-borne canine haemoparasites. *Ticks and Tick-borne Diseases*, *13*(3), 101937.

Chaudhary, V., Katyal, P., Panwar, H., Puniya, A. K., & Poonia, A. K. (2022). Evaluating anti-microbial and anti-oxidative potential of red biopigment from Monascus purpureus. *Environment Conservation Journal*, 23(1&2), 83-93.

Goswami, M., Mehta, N., Panwar, H., Malav, O. P., & Bedi, J. S. (2022). In-vitro Assessment of antibacterial and antioxidant capacity of essential oils from cumin (Cuminum cyminum) and Lemon (Citrus limon) for Future Applications in Meat Industry.

Singh, K. S., Singh, B. P., Rokana, N., Singh, N., Kaur, J., Singh, A., & Panwar, H. (2021). Bio-therapeutics from human milk: prospects and perspectives. *Journal of Applied Microbiology*, 131(6), 2669-2687.

Dhillon, H. S., Gill, M. S., Kocher, G. S., Panwar, H., & Arora, M. (2021). Preparation of Lactobacillus acidophilus enriched probiotic mango juice. *Journal of Environmental Biology*, *42*, 371-378.

Wandhare, A. G., Singh, A., Kaur, J., Sihag, M. K., Dar, R. A., Singh, K. S., Harsh Panwar & Gill, J. P. S. (2021). Staphylococcus aureus: significance, control and rapid detection across milk chain. *Indian Journal of Dairy Science*, *74*(3).

Panwar, Harsh; Rokana, Namita; V, Aparna; Kaur, Jaspreet; Singh, Anamika; Singh, Jagnoor; Singh, Kumar; Chaudhary, Vishu; Puniya, Anil Kumar. 2020. Gastrointestinal stress as innate defense against microbial attack. Journal of Applied Microbiology. JAM-2020-1017 (Accepted – In Press). **IF 3.06**

Rabia Bhardwaj, Brij Pal Singh, Nitika Sandhu, Niharika Singh, Ravinder Kaur, Namita Rokana, Kumar Siddharth Singh, Vishu Chaudhary, **Harsh Panwar***. **2020**. Probiotic mediated NF-κB regulation for prospective management of type 2 diabetes. Molecular Biology Reports. 47: 2301-2313. **Citations 1, IF 2.107**

Prabhjot Kaur, Nitin Mehta, OP Malav, MK Chatli, **Harsh Panwar**. **2020**. Antimicrobial, antioxidant and antibiofilm potential of peppermint (*Menthapiperita*) essential oil for application in meat products. Journal of Animal Research. 10 (1):33-40. **NAAS 5.68**

Niharika Singh, Ravinder Kaur, Brij Pal Singh, Namita Rokana, Gunjan Goel, Anil Kumar Puniya, **Harsh Panwar***. **2020**. Impairment of *Cronobacter sakazakii* and *Listeria monocytogenes* biofilms by cell-free preparations of lactobacilli of goat milk origin. Folia Microbiologica. 65 (1): 185-196. **IF 1.44**

FMF Elshaghabee, Namita Rokana, **Harsh Panwar**, Knut J Heller, Jurgen Schrezenmeir. **2019**. Probiotics for dietary management of non-alcoholic fatty liver disease. Environmental Chemistry Letters. 17: 1553-1563. **Citations 1, IF 4.617**

HN Punya, Nitin Mehta, Manish Kumar Chatli, Rajesh V Wagh, **Harsh Panwar. 2019**. In-vitro evaluation of antimicrobial and antioxidant Efficacy of thyme (*Thymus vulgaris* L.) essential oil. Journal of Animal Research. 9 (3): 443-449. **Citations 3, NAAS 5.68**

Namita Rokana, Brij Pal Singh, Nishchal Thakur, Chetan Sharma, Rohini Devidas Gulhane, **Harsh Panwar***. **2018**. Screening of cell surface properties of potential probiotic lactobacilli isolated from human milk. Journal of Dairy Research. 85 (3): 347-354. **Citations 3, IF 3.08**

MK Kanth, Nitin Mehta, MK Chatli, OP Malav, Pavan Kumar, RV Wagh, **Harsh Panwar**. **2018**. In-vitro assessment of antimicrobial, antibiofilm and antioxidant potential of essential oil from Rosemary (*Rosmarinus officinalis* L.). Journal of Animal Research. 8 (6): 989-998. **Citations 2, NAAS 5.68**

Rima Joon, Santosh Kumar Mishra*, Gurvir Singh Brar, **Harsh Panwar**, Pranav K Singh, Rekha Chawla, Amit kumar Barui . **2018**. Evaluation of quality of yoghurt prepared from goat milk of Beetal breed. Indian Journal of Dairy Science. 71: 54-60. **Citations 2, NAAS 5.26**

Abderrahmen Merghni^{*}, Emira Noumi, Ons Hadded, Neyla Dridi, **Harsh Panwar**, Ozgur Ceylan, Maha Mastouri, Mejdi Snoussi. **2018**. Assessment of the antibiofilm and antiquorum sensing activities of *Eucalyptus globulus* essential oil and its main component 1,8-cineole against methicillin-resistant *Staphylococcus aureus* strains. Microbial Pathogenesis. 118: 74-80. **Citations 27**, **IF 2.58**

Chetan Sharma, Namita Rokana, Mudit Chandra, Brij Pal Singh, Rohini Devidas Gulhane, Jatinder Paul Singh Gill, Pallab Ray, Anil Kumar Puniya, **Harsh Panwar***. **2018**. Antimicrobial resistance: its surveillance, impact, and alternative management strategies in dairy animals. Frontiers in Veterinary Science. 4 (237): 1-27. **Citations 53, IF 2.029**

Santosh Kumar Mishra, RK Malik, **Harsh Panwar**, Amit Kumar Barui. **2018**. Microencapsulation of reuterin to enhance long-term efficacy against food-borne pathogen *Listeria monocytogenes*. 3 Biotech. 8 (1): 23: 1-7. **Citations 6, IF 1.78**

Niharika Singh, Chetan Sharma, RD Gulhane, Namita Rokana, BP Singh, AK Puniya, Sampan Attri, Gunjan Goel, **Harsh Panwar***. **2018**. Inhibitory effects of lactobacilli of goat's milk origin against growth and biofilm formation by pathogens: an in vitro study. Food Bioscience. 22: 129-138. **Citations 4, IF 3.22**

Sandeep Singh, Sunil Kumar Khatkar, **Harsh Panwar**. **2018**. Effect of storage on the quality attributes of whey protein enriched milk chocolate. The Pharma Innovation Journal. 7(12): 427-431. **NAAS 5.03**

Nishchal Thakur, Chetan Sharma, Namita Rokana, Brij Pal Singh, Rohini Devidas Gulhane, Santosh Kumar Mishra, Sunil Kumar Khatkar, Anil Kumar Puniya, **Harsh Panwar***. **2018**. In vitro assessment of antibiotic resistance pattern among Lactobacillus strains isolated from Goat milk. International Journal of Current Microbiology and Applied Science. 7 (1): 2108-2116. **NAAS 5.38**

Digvijayaditya Singh Mandhotra, Amrit Pal Singh Sethi, **Harsh Panwar**, SS Sikka. **2017**. Effect of inclusion of probiotics consortium in the diets on growth, digestibility of nutrients and blood parameters in Labrador dogs. Indian Journal of Animal Nutrition. 34 (4): 463-466. **NAAS 5.02**

Kalawati M, Sudesh Kumari, JM Khurana, Amita Malik, Chetan Sharma, **Harsh Panwar. 2017**. One pot three component synthesis of spiro [indolo-3, 10'-indeno [1, 2-b] quinolin]-2, 4, 11'-triones as a new class of antifungal and antimicrobial agents. Chinese Chemical Letters. 28 (1): 136-142. **Citations 16, IF 3.83**

Chetan Sharma, Sachin Gulati, Nishchal Thakur, BP Singh, Sanjolly Gupta, Simranpreet Kaur, SK Mishra, AK Puniya, JPS Gill, **Harsh Panwar***. **2017**. Antibiotic sensitivity pattern of indigenous lactobacilli isolated from curd and human milk samples. 3 Biotech. 7 (1): 53: 1-14. **Citations 13, IF 1.78**

Rima Joon, Santosh K Mishra, Gurvir Singh Brar, Pranav K Singh, **Harsh Panwar**. **2017**. Instrumental texture and synergetic analysis of yoghurt prepared from goat and cow milk. The Pharma Innovation Journal. 6 (7, Part G): 971. **Citations 11, NAAS 5.03**

Dadi Bhaskar, Sunil Kumar Khatkar, Rekha Chawla, **Harsh Panwar**, Swati Kapoor. **2017**. Effect of β -glucan fortification on physico-chemical, rheological, textural, colour and organoleptic charcteristics of low fat dahi. Journal of Food Science and Technology. 54 (9): 2684-2693. **Citations 7, IF 1.84**

FMF Elshaghabee, Namita Rokana, Rohini Devidas Gulhane, Chetan Sharma, **Harsh Panwar***. **2017**. Bacillus as potential probiotics: status, concerns, and future perspectives. Frontiers in Microbiology. 8(1490): 1-15. **Citations 162, IF 4.259**

Chetan Sharma, Romika Dhiman, Namita Rokana, **Harsh Panwar**. **2017**. Nanotechnology: an untapped resource for food packaging. Frontiers in Microbiology. 8(1735): 1-22. **Citations 52, IF 4.259**

Bhaskara Nand, Kalawati Meena, Shruti Gupta, Jitender M Khurana, Amita Malik, Chetan Sharma, **Harsh Panwar**. **2017**. Synthesis of novel 2-(3-aryl/ alkylaminopropoxy)-12-aryl xanthene derivatives as antifungal and antibacterial agents. Chemical Biology Letters. 4 (2): 81-90. **Citations 2, IF 0.89**

Chetan Sharma, Brij Pal Singh, Nishchal Thakur, Sachin Gulati, Sanjolly Gupta, Santosh Kumar Mishra, **Harsh Panwar***. **2017**. Antibacterial effects of Lactobacillus isolates of curd and human milk origin against food-borne and human pathogens. 3 Biotech. 7 (1): 31: 1-9. **Citations 29, IF 1.78**

Ramandeep Kaur, Gurpreet Kaur, Santosh Kumar Mishra*, **Harsh Panwar**, Krishan Kumar Mishra, Gurvir Singh Brar. **2017**. Yogurt: A nature's wonder for mankind. International Journal of Fermented Foods. 6 (1): 57-69. **Citations 3**

Nishchal Thakur, Namita Rokana, **Harsh Panwar*. 2016**. Probiotics, selection criteria, safety and role in health and disease. Journal of Innovative Biology. 3 (1): 259-270. **Citations 16**

Harsh Panwar, Danielle Calderwood, Irene R Grant, Sunita Grover, Brain D Green*. **2016**. Lactobacilli possess inhibitory activity against dipeptidyl peptidase-4 (DPP-4). Annals of Microbiology. 66 (1): 505-509. Citations 14, IF 1.60

Santosh K Mishra, Ravinder Malik, Krishan Kumar Mishra, **Harsh Panwar**, Amit Kumar Barui. **2016**. Synergistic role of reuterin in combination with nisin against food borne pathogens in milk at refrigerated condition. International Journal of Fermented Foods. 5(2):79-85. **Citations 1, NAAS 3.53**

Harsh Panwar, Danielle Calderwood, Anna L Gillespie, Alastair R Wylie, Stewart F Graham, Irene R Grant, Sunita Grover, Brian D Green. **2016**. Identification of lactic acid bacteria strains modulating incretin hormone secretion and gene expression in enteroendocrine cells. Journal of Functional Foods. 23: 348-358. **Citations 13, IF 3.19**

Smita Chaudhary, Panwar Jyoti, Yasmin Tabassum, Sharma Sonika, **Harsh Panwar. 2015**. An investigation on effect of different agricultural practices on soil microflora: a potential indicator of soil fertility. International Journal of Research in Biosciences. 4(2):8-20. **Citations 1, NAAS 2.99**

Harsh Panwar, Danielle Calderwood, Irene G, Sunita G, Brain Green. **2014**. Lactobacillus strains isolated from infant faeces possess potent inhibitory activity against intestinal alpha-and beta-glucosidases suggesting anti-diabetic potential. European Journal of Nutrition. 53 (7): 1465-1474. **Citations 66, IF 4.44**

Ritu Chauhan, Aparna SV, **Harsh Panwar**, Rashmi HM, RK Duary, VK Batish, Sunita Grover. **2014**. Amelioration of colitis in mouse model by exploring antioxidative potentials of an indigenous probiotic strain of *Lactobacillus fermentum* Lf1. Journal of Biomedicine and Biotechnology. 2014: 1-12. **Citations 29, IF 2.2**

Harsh Panwar*. 2014. Biologically active components of human and bovine milk as potent antimicrobial agents. Journal of Innovative Biology. 1 (2): 97-104. Citations 7

Harsh Panwar, H Mallapa Rashmi, Virender Kumar Batish, Sunita Grover. **2013**. Probiotics as potential biotherapeutics in the management of type 2 diabetes–prospects and perspectives. Diabetes-Metabolism Research and Reviews. 29 (2): 103-112. **Citations 104, IF 4.758**

Katharine V Hand, Christine M Bruen, Fiona O'Halloran, **Harsh Panwar**, Danielle Calderwood, Linda Giblin, Brian D Green. **2013**. Examining acute and chronic effects of short-and long-chain fatty acids on peptide YY (PYY) gene expression, cellular storage and secretion in STC-1 cells. European Journal of Nutrition. 52 (4): 1303-1313. **Citations 26, IF 4.44**

V Aparna Sudhakara, **Harsh Panwar**, Ritu Chauhan, Raj Kumar Duary, Rahul Kumar Rathore, Virender Kumar Batish, Sunita Grover. **2013**. Modulation of anti-inflammatory response in lipopolysaccharide stimulated human THP-1 cell line and mouse model at gene expression level with indigenous putative probiotic lactobacilli. Genes and Nutrition. 8 (6): 637-648. **Citations 17, IF 2.76**

Smita Chaudhary, Jyoti Luhach, Pooja Mittal, **Harsh Panwar**, Chetan Sharma. **2013**. Biodegradation potential of indigenous Bacillus strains isolated from oil and sludge contaminated sites. Asian Journal of Microbiology, Biotechnology and Environmental Sciences. 15(1):85-92. **NAAS 4.93**

Anju A Achuthan, Raj Kumar Duary, Anupama Madathil, **Harsh Panwar**, Himanshu Kumar, Virender Kumar Batish, Sunita Grover. **2012**. Antioxidative potential of Lactobacilli isolated from the gut of Indian people. Molecular Biology Reports. 39 (8): 7887-7897. **Citations 9**, **IF 2.10**

Rashmi H Mallappa, Namita Rokana, Raj Kumar Duary, **Harsh Panwar**, Virender Kumar Batish, Sunita Grover. **2012**. Management of metabolic syndrome through probiotic and prebiotic interventions. Indian Journal of Endocrinology and Metabolism. 16 (1): 20. **Citations 90, IF 1.251**

Books

S. No.	Title	ISBN and DOI
1.	Mitigation of Antimicrobial Resistance Volume 1	Springer Nature
	Tools and Targets (2020)	978-3-030-53023-5
	Editors: Harsh Panwar, Chetan Sharma, Eric Lichtfouse	DOI: 10.1007/978-3-030-53024-2
2.	Mitigation of Antimicrobial Resistance Volume 2	Springer Nature
	Natural and Synthetic Approaches (2020)	978-3-030-58258-6
	Editors: Harsh Panwar, Chetan Sharma, Eric Lichtfouse	DOI: 10.1007/978-3-030-58259-3
3.	Mukhopadhyay, C. S., Choudhary, R. K., Panwar, H., &	Springer
	Malik, Y. S. (Eds.). (2023). Biotechnological Interventions	
	Augmenting Livestock Health and Production.	

Book Chapters: 11

Manuals: 02

International Conference: 06

Others: Actively contributed as 'Corona Warrior' during Covid-19 pandemic from April 20 – June 21

(HARSH PANWAR)