

## Achievements of the students/ Alumni of CIC

### Start-ups by B.Tech/ BA (Hons) Students

1. Madhulika and Tushar (2011- 15 Batch) – Started survaider where they worked with over 3000 franchise stores and now have founded Delightree
2. Anurag Singh (2011-15 Batch) – Started TNine Infotech – Make content discovery using Machine Learning and Natural Language Processing
3. Shivek Khurana (2012 – 16 Batch) – Co-Founder of Meta Block that helps build immersive NFT Apps and Founder of Krim Labs
4. Pankaj Baranwal (2015-19 Batch), Hitesh Gautam (2016 – 20 batch), Desh Deepak Dwedi – Started Precisely, The Opportunity Hub
5. Pankaj Baranwal (2015 – 2019 Batch) – Co-Founder and CEO of Beyond Exams
6. Saurabh Patel, Desh Deepak and Hitesh – Co-Founders of Future Garage
7. Saurabh Patel – Co-Founder of Lithics
8. Sunokitaab by Ajay Vishwakarma -hosts more than 7000 hours of Audio library of school textbooks from classes 2 to 12 of CBSE and Rajasthan Board and has educated thousands of kids of Rural Rajasthan and Delhi Slums.
9. Uttkarsh Mittal and Arjun Sharma (2015 – 19 Batch) – Started DeepLogic AI that enables organisation to adopt AI for their Business
10. Vishesh Sharma, Ayush Kumar, Niraj Kumar (2015 – 19 Batch) and Vanita Arora (2016 – 20 Batch) – Started Legex - a legal tech startup, focusing on providing technological solutions to streamline and ease legal accessibility for businesses and individuals
11. Prakhar Agarwal (2017 – 21 batch) – Co-founder of Macrogardens that make vertical towers for growing plants aeroponically. Our towers can grow 20 times more food in the same amount of area, using up to 90% less water
12. Yojit Kaushal, Rohit Rana and Jatin Pawar (2016 – 20 Batch) - Started DreamXR - helping people get started with Immersive Reality Development.
13. Mukul Gadhwal (2015 – 19 Batch), Arvind Jangid and Aman Singh (2019 – 23 Batch) – Founded MockBoard - India's first mock pre-board test platform that aims to help students boost their preparation for board exams.
14. Aman, Arvind Jangid and Abhinav Gangwar (2019 – 23 Batch) – started AAA Tech Services - Working with industry leaders to create real life solutions to day to day problems. Implementing new age technology and building a scalable business for people in need.
15. Saksham Gupta and Vaibhav Mehra (2019 – 23 Batch) – Co-founder of Inno\_Mages for product design and software development

### Some achievements of the students

- CIC team has won the first prize in Smart India Hackathon 2020 in software category. CIC team had also won a consolation prize in the first SIH 2017.
- CaptionPlus an app created by Anurag Singh (Alumini 2011-15), adjudged the best app in Entertainment category from all across India in Aatma Nirbhar Challenge 2020 hosted by Ministry of Electronics & Information Technology, Government of India.
- Pankaj Baranwal and Vikas Kamboj - selected to attend a fully sponsored trip to Heidelberg Laureate Forum – 2018 and 2019
- Rudrank Riyam and Rishabh Jain: Winner of WWDC scholarship 2019 and WWDC20 Swift Student challenge Winner (2020) respectively
- Ashish Jha- awarded Best Alexa Community Evangelist of the year 2019 by Amazon Alexa

- Arnav Mahajan – Winner of International hackathon – Reimagine Healthcare with Maxonrow (Maxathon) in Sept 2020 and CruzHack organised by UC Santa Cruz – Jan 2021.
- Harshit and Meenal Jhajharia were the only team from India to have honourable mention in the mathematical contest in Modeling organised by Consortium for Mathematics and its Applications – April 2020
- Vaibhav Mehra - among the 20 candidates selected around the globe for the CYBER Masters program which comes under prestigious Erasmus Mundus Scholarship – May 2023
- Kavya jaiswal (2022) and Abhishek Bhardwaj (2023) selected for the Outreachy internship program
- Arpita Kesharwani received Summer Research Fellowship from Indian Academy of Sciences (2023)
- Saurab Kumar and Saransh Chopra selected for MITACS Globalink Internship 2023

### Recent Research papers published by the students:

1. Sohom Roy, The Afghan refugees of Lajpat Nagar: The boundaries between them and Delhi, Crossings: Journal of Migration & Culture, Volume 11, Issue 2, Oct 2020, p. 201 – 216
2. Sohom Roy, Analysis Of Logical Fallacies In Debates Regarding Gender Issues, Rozenberg Quarterly Magazine
3. Ritik Arya, Sparsh Singh, Aayush Jain, Arvind Singh, Performance and cost analysis of photovoltaic thermal (PVT)-compound parabolic concentrator (CPC) collector integrated solar still using CNT-water based nanofluids, Desalination, Vol 495, 2020.
4. Aayush Jain, Arvind Singh, Influence of absorber plate shape factor and mass flow rate on the performance of the PVT system, Applied Thermal Engineering, Vol. 156, 2019.
5. Rishabh jain, Epidemiological Models of SARS-CoV-2 (COVID-19) to Control the Transmission Based on Current Evidence: A Systematic Review. 2020
6. Aayush jain and Arvind Singh, Evaluation of the performance parameters of a PVT system: Case study of composite environmental conditions for different Indian cities, Materials Today's Proceedings, Volume 57, Part 5, 2022
7. Saransh Chopra, liionpack: A Python package for simulating packs of batteries with PyBaMM. Journal of Open Source Software, 7(70), 4051. Oct. 2021
8. Ojus Kumar, Harsh Kumar, Naman Priyadarshi. An Accuracy Improvement in Facial Verification through Siamese Neural Networks. Journal of Image Processing & Pattern Recognition Progress, Vol. 2, No. 2, June 2023;
9. Pintu Kumar, Sai Yash, Rohit Sharma. Analytics Of Indian English News Articles Through Deep Learning. Journal of Mathematical Sciences & Computational Mathematics, Vol.4, No.3, April 2023;
10. Mittal, U. (2019). Exudate Detection in Fundus Images: Multispace Clustering Approach. In: Minz, S., Karmakar, S., Kharb, L. (eds) Information, Communication and Computing Technology. ICICCT 2018. Communications in Computer and Information Science, vol 835. Springer, Singapore
11. Harshit Joshi, Neurosymbolic repair for low-code formula languages, Proceedings of the ACM on Programming Languages Volume 6 Issue OOPSLA2 Article No.: 164pp 1093–1122
12. Harshit Joshi,. 2020. A Time-Aware Transformer Based Model for Suicide Ideation Detection on Social Media. In Proceedings of the 2020 Conference on

- Empirical Methods in Natural Language Processing (EMNLP), pages 7685–7697, Online. Association for Computational Linguistics.
13. Harshit Joshi, Towards Ordinal Suicide Ideation Detection on Social Media, WSDM '21: Proceedings of the 14th ACM International Conference on Web Search and Data Mining, March 2021
  14. Harshit Joshi, Robust suicide risk assessment on social media via deep adversarial learning, Journal of the American Medical Informatics Association, Volume 28, Issue 7, July 2021, Pages 1497–1506
  15. Shikhar Sharma and Nitin Agarwal, Iris recognition based on sparse representation and  $k$ -nearest subspace with genetic algorithm, Pattern Recognition Letters, Volume 73, 1 April 2016
  16. Nitin Agarwal and Shikhar Sharma, Parallel multi-objective multi-robot coalition formation, Expert Systems with Applications, Volume 42, Issue 21, 30 November 2015
  17. Nitin Agarwal, Chloroplast genes as genetic markers for inferring patterns of change, maternal ancestry and phylogenetic relationships among Eleusine species, AoB PLANTS, Volume 6, 2014
  18. Prashant Sinha and Pragya Jaiswal, Protein engineering and de novo designing of a biocatalyst, J Mol Recognit, 2016.
  19. Prashant Sinha and Pragya Jaiswal, Intronic miRNA mediated gene expression regulation controls protein crowding inside the cell, Gene
  20. Shobhit Maheshwari and Riddhima Raghunand, Multi-Character Recognition using EMNIST, International Journal of Information Communication and Computing Technology, 2018.
  21. Shobhit Maheshwari and Riddhima raghunand, Exploring Promises of siRNA in Cancer Therapeutics, Current cancer therapy reviews, Volume 16, Issue 1, 2020
  22. Ishaan Arora and Shikhar Sharma, "Automated Parsing of Geographical Addresses: A Multilayer Feedforward Neural Network Based Approach," 2018 IEEE 12th International Conference on Semantic Computing (ICSC), Laguna Hills, CA, USA, 2018,
  23. Aditya Sharma, Reddy, B.K., Shreyas Sachan and vaibhav Jain. An intelligent model based on integrated inverse document frequency and multinomial Naive Bayes for current affairs news categorisation. Int J Syst Assur Eng Manag 13, 1341–1355 (2022)
  24. Anushtha Kalia and Arjun Sharma, Predictive Analysis of Alertness Related Features for Driver Drowsiness Detection, Predictive Analysis of Alertness Related Features for Driver Drowsiness Detection. In: Abraham, A., Muhuri, P., Muda, A., Gandhi, N. (eds) Intelligent Systems Design and Applications. ISDA 2017. Advances in Intelligent Systems and Computing, vol 736. Springer, 2018
  25. Anushtha Kalia and Arjun Sharma, Chapter 1 - Interpretable artificial intelligence: Closing the adoption gap in healthcare, Artificial Intelligence in Precision Health From concept to applications, Academic Press, 2020.
  26. Anushtha Kalia and Arjun Sharma, Generalized Prediction of Hemodynamic Shock in Intensive Care Units, MedRxiv, 2020.
  27. Niranjana Kumar, Changing Era of Indian polity: A Paradigm shift, South Asia Journal, 2020.
  28. Niranjana Kumar, Death Of WTO? Exploring The Future Of Regional Treaty Among South Asian Nations – OpEd, Eurasia Review, 2020
  29. Bhanu Mittal, A Study of Crime in India through Statistical Analysis A Study of Crime in India through Statistical Analysis, CRC Press - Taylor & Francis Group · May 7, 2020
  30. Geetansh Saxena, Application of Deep Learning in Classification of Encrypted Images. In: Singh, M., Tyagi, V., Gupta, P.K., Flusser, J., Ören, T., Sonawane, V.R.

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31. Geetansh Saxena,, ANN Based Security Analysis of Block Ciphers with Focus on Non-linear Component. In: Tiwari, A., Ahuja, K., Yadav, A., Bansal, J.C., Deep, K., Nagar, A.K. (eds) *Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing*, vol 1393. Springer, Singapore.