

Our Student : Our Pride



# News Letter

JAN TO JUN 2025 Vol. 1, 2025

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## Institute Achievement



IEEE Ganpat University Student Branch received the best IEEE Membership Development Award at IEEE Gujarat Section Sampark 2025 on February 16, 2025.

## Students Achievement



Civil Engineering students Patel Gnan Jitendrakumar, Senghani Harshil Jagdishbhai & Santoki Meet Prafulbhai received the Gold Medal for Academic Performance from the Gujarat Institute of Civil Engineers and Architects (GICEA) on February 8, 2025.



B.Tech Biomedical Engineering student Prajyot Prashant Patil participated as a volunteer counsellor in the educational sessions of the "International Children's Centre" from June 16 to August 16, 2025, organized by ARTEK. The International Children's Centre is located on the Black Sea coast in Crimea, near Yalta, Russia.



B.Tech Biomedical Engineering students, Krishika Chauhan and Khushi Sharma, participated in the Winter Student Research Internship Program (WSRIP-2025) with a project titled "AI-Based Model to Detect Sciatica in Patients" and secured the 1st rank.



*Congratulations on Your  
International Achievement!*

Celebrating Global Excellence in  
**Biomedical Engineering**

We are proud to share that

**Prajyot Patil**

7th Semester B.Tech Biomedical Engineering, U.V. Patel College of Engineering, Ganpat University student has been awarded a prestigious \$2000 Scholarship by the International Society of Automation (ISA)!

It is a proud moment for the Department of Biomedical Engineering, U.V. Patel College of Engineering, Ganpat University and this International recognition honors his outstanding academic performance, leadership, and dedication to the field of Biomedical and Automation Engineering.

#ProudMoment #ISAScholarship #BiomedicalEngineering #GanpatUniversity #UVPCE #StudentSuccess #EngineeringExcellence  
 #ISA #AutomationLeadership #MentorshipMatters #GlobalRecognition

Ganpat University continues to empower innovation and global excellence.

Mentor: Prof. Heena Patel  
 Assistant Professor, Biomedical Engineering Department, U.V. Patel College of Engineering, Ganpat University  
 Faculty Advisor - ISA Student Chapter, GUNI

[www.guni.ac.in](http://www.guni.ac.in)

18 June 2025

Dear Prajyot Patil,

Congratulations! On behalf of the International Society of Automation (ISA), I am happy to inform you that you have been awarded the 2025 General Education Endowment Scholarship in the amount of USD 2,000 for tuition and related educational expenses for the 2025-2026 academic year.

ISA empowers the global automation community through standards and knowledge sharing. We do this by providing [education and training](#), [technical content](#), and [conferences and events](#), and by developing [industry standards](#). The Society is proud to support your educational efforts in an area relating to this mission. You were awarded this scholarship because you show outstanding potential for contributions to the field.

Once again, congratulations and good luck in your future endeavors. ISA would love to follow your successes, so please keep us updated. We hope that when you begin your professional career that you will consider ISA as your professional society, join our [Young Professionals](#) community, or join a local [section](#) to network with working professionals and help us build a better world through automation.

**B.Tech Biomedical Engineering student Prajyot Patil has been awarded a prestigious \$ 2000 scholarship on June 18, 2025, by the International Society of Automation (ISA).**



B.Tech Biomedical Engineering student Raunak Prakash has been awarded a token of appreciation for achieving 3rd position in the Photography Competition organised at Spardha 25, on March 23, 2025, by VAMNICOM Pune.



B.Tech Biomedical Engineering student Mr Raunak Prakash participated in the Inter-Departmental Tennis Tournament held on 5th March 2025 and secured the Runner-up position.

## Alumni Achievement



GUNI - UVPCE proudly celebrates the achievement of Dhankecha Sanyam, alumnus of UVPCE (MC - 2018), for securing a 15 lakh grant under the MSME Idea Hackathon 4.0 for his project "Triplex Plunger Pump – Compact Model," guided by Prof. D. K. Soni. The project aligns with Atmanirbhar Bharat goals through its focus on indigenisation, export potential, and practical industrial application, developed under the mentorship and incubation support of GUNI.

## MOU and Collaboration



MoU was signed between the Department of Civil Engineering, UVPCE, and Larsen & Toubro EduTech to arrange guest lectures and facilitate industry collaboration for B.Tech Civil Engineering students within the curriculum on June 18, 2025.

## Organized Event



GUNI-UVPCE organised Pre-Convergence 2025 – Navigating AI Ethics on April 25, 2025. A total of 772 students participated in 17 events.

## Faculty Achievement



Faculty of HBS Department, Dr. Harshad R. Patel, received the Emerging Teacher Award from the Shanti Educational Research Foundation and Atmam EduTech Educational Publications, India, at the Aishwarya Memorial Academic Annual Awards held on February 28, 2025.



MoU was signed between Ganpat University and eInfochips, an Arrow Company, aimed at transforming the Electronics and Communication (EC) program into an industry-ready powerhouse.



Students of GUNI-UVPCE participated in the 38th Inter Universities WEST Zone Youth Festival - SATRANG 2025 from January 04-08, 2025. A total of 18 students participated.



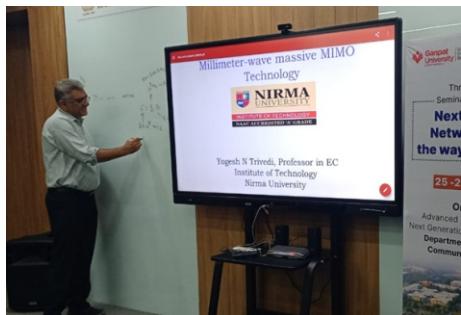
GUNI-UVPCE organized the Annual Function, KARVAAN 3.0, on April 25, 2025.



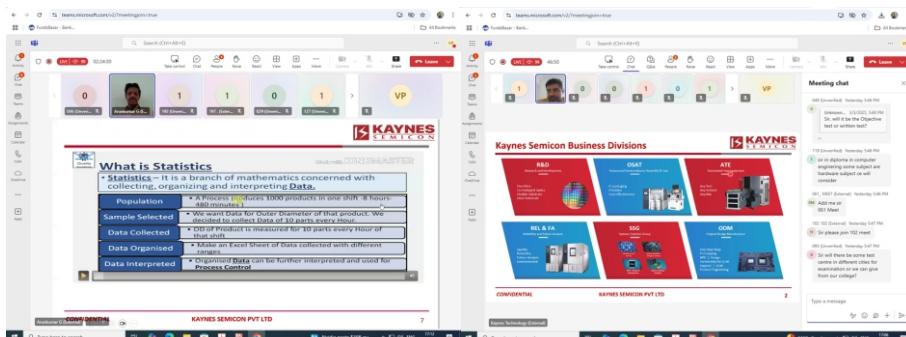
The Department of Mechanical Engineering, UVPCE, Ganpat University, organized a Project Presentation Competition for B.Tech. Mechanical Engineering students, held on May 10, 2025.



The seminar on "Importance of Exercise for Holistic Health" was conducted on March 8, 2025, exclusively for working women. Around 50 participants attended the session, which emphasized the physical, mental, and emotional benefits of regular exercise, with a special focus on aerobics.



The Department of Electronics and Communication Engineering organized GUJCOST Sponsored Three Days National Seminar cum Workshop on "Next Generation Networks - Paving the way for 5G and 6G" on March 25-27, 2025. Around 53 participants have participated across various colleges.



The Department of Electronics and Communication Engineering Department organised 42 Hours of Intensive Online OSAT Training Course on SEMICONDUCTOR ASSEMBLY, TEST, MARKING & PACKAGING on January 27-March 8, 2025. Around 249 participants participated across various ITI, Diploma and B.Tech Colleges.



Mehsana, Gujarat, India



GPS Map Camera

The Department of Electronics and Communication Engineering Department organized a one-day Line Following Robot Workshop on April 24, 2025, as a pre-event for the university's annual technical fest, Convergence. The workshop aimed to provide hands-on experience in designing, building, and programming autonomous line-following robots, fostering interdisciplinary skills in electronics, programming, and mechanical design.

The Department of Petrochemical Engineering, under the banner of the Utprerit Students Club, organized a two-day technical event on March 26-27, 2025. A total of 70 students participated in all the different events. The event aimed to foster a spirit of innovation, critical thinking, and healthy competition among students. A series of engaging and intellectually stimulating activities was conducted.


 Gandhinagar, Gujarat, India  
 GH5+43m, Dcs Route(Ganpat University), Gandhinagar, Gujarat 382421, India  
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 18/04/2025 09:25 AM GMT +05:30  
 Google

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 Google

The Department of Mechanical/Mechatronics Engineering organized a one-day workshop on "Introduction to Python" on April 18, 2025. A total of 40 participants attended the workshop.

The Department of Automobile Engineering organized a one-day workshop on "Energy Conservation Awareness" on February 10, 2025. A total of 70 participants from the Department of Automobile Engineering took part in the workshop.



The Department of Electrical Engineering organized an event for the students on “Pre- Convergence-2025” on April 25,2025. A total of 92 students participated.

The Department of Biomedical Engineering organized a hands-on session on “Medical Image Processing and 3D Model Generation using Simpleware Software” for the 8th-semester B.Tech. Biomedical Engineering students on February 5, 2025. The session provided the students with practical exposure to advanced biomedical imaging tools and techniques, equipping them with valuable, industry-relevant skills.

## Sports and Social Activity





Gandhinagar, Gujarat, India

Mahesana, Gujarat, India


 Mahesana, Gujarat, India  
 Mahesana, Mahesana, Gujarat 384001, India

## Expert Talk/ Alumni Talk



Mehsana, Gujarat, India

The Department of Electrical Engineering organized an expert lecture on "Advanced optimization techniques for engineering applications" on January 11, 2025. Total 32 students and faculty members attended the lecture.


 Mehsana, Gujarat, India  
 Gfh5+c7d, Mehsana, Gujarat 384001, India  
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The Department of Civil Engineering organized an alumni lecture on the topic "Career Guidance and Motivation", delivered by Mr. Yogesh R. Mavi from the 2020–2024 batch on April 18, 2025.

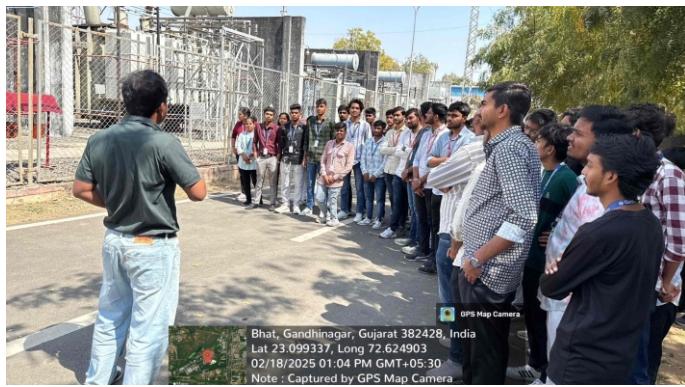
## Industrial Visits



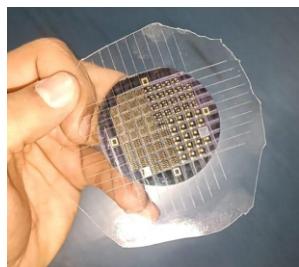
The Department of Civil Engineering arranged an industrial visit to Balaram Cements Ltd., Dhanpura, Banaskantha, on March 11, 2025. A total of 35 students visited the plant along with two faculty members and gained knowledge about the cement manufacturing process.



The Department of Civil Engineering arranged an industrial visit to Tremont Adleap, Ahmedabad, on March 05, 2025. A total of 08 students participated to learn about the production and processing of cement and other materials, along with the latest scaffolding technology called Mivan.



The Department of Electrical Engineering arranged an industrial visit to the Institute for Plasma Research on February 18, 2025. A total of 49 students participated.



The Department of Electronics and Communication Engineering arranged an industrial visit to CEERI, Pilani, from February 3 to 14, 2025. A total of 13 students from M.Tech. EC (VLSI System Design), along with Dr. Amrut Patel and Prof. Ketan Patel, underwent training under the Semiconductor High-Impact Learning Program (SHILP) at CSIR-CEERI, Pilani.



The Department of Electrical Engineering arranged an Industrial visit to the Green Field Control System India Pvt Ltd on February 17, 2025. A total of 53 students participated.



The Department of Electrical Engineering arranged an Industrial visit to the Wanakbori Thermal Power Plant on May 02, 2025. A total of 52 students participated.



The Department of Mechanical, Mechatronics, and Automobile Engineering arranged an industrial visit to Varun Castings and Weldor CNC Limited in Rajkot, and the Diu Solar Power Plant in Diu for B.Tech Semester VIII and VI (Mechanical, Mechatronics, and Automobile Engineering) students on March 28, 2025. A total of 39 students participated.



The Department of Biomedical Engineering arranged an Industrial Visit at Shaili Endoscopy Pvt. Ltd., Vadodara on March 3, 2025. A total of 53 students participated.



The Department of Petrochemical Engineering arranged an industrial visit to Adani Mundra on March 7- 8, 2025. The industrial visit provided a holistic understanding of various industries and their interconnectedness, offering valuable exposure to real-world engineering and operational challenges faced by large industrial enterprises.



The Department of Petrochemical Engineering arranged an industrial visit to Dudhsagar Dairy, Mehsana, India's largest co-operative milk dairy, on January 24, 2025. The visit aimed to provide students with practical exposure to the dairy industry and its various processing units.

## Ph.D. Degree Awarded



**Snehalkumar Dineshbhai Patel**

Research Supervisor: Dr. Harshad R. Patel

**Computational Study of Electrically Conducting Fluid Flow with Heat and Mass Transfer**

## Research Paper Publication

- Patel, A. N., Joshi, S. B., & Patel, A. J. (2025, January). Efficient image compression techniques: A study on vector quantization, LZW, and lossy compression. *University Journal of Research: Engineering & Technology (UJRET)*. (ISSN: 0000)
- Joshi, S. B., Patel, A. N., & Patel, A. J. (2025, January). A comprehensive review of multimodal image fusion using deep learning techniques.

University Journal of Research: Engineering & Technology (UJRET). (ISSN: 0000)

- Patel, N. D., & Patel, V. K. (2025, June). A novel approach to enhancing spectral efficiency in massive MIMO using optimal pilot reuse factor and receive combining techniques. *International Journal of Advanced Technology and Engineering Exploration (IJATEE)*, ISSN (Print): 2394-5443, ISSN (Online): 2394-7454.

- Patel, N. N., & Patel, R. A. (2025, February). A simplified design and modeling of boost converter for photovoltaic systems. *International Research Journal on Advanced Engineering Hub*, 3(2), 179–183. (ISSN: 2584-2137).
- Shukla, H., Kumar, A., Pathak, D., Sahoo, S., & Singh, S. P. (2025, April). An adaptive dual phase shift controller for the dual active bridge converter applied in active power transmission and control of microgrid. *Computers and Electrical Engineering*, 123, Article 110183. (ISSN: 1879-0755).
- Patel, N. N., & Patel, R. A. (2025, February). Comparative performance of P&O, incremental conductance and fuzzy MPPT techniques in grid-connected five-level multilevel inverters with reduced switching devices. *Journal of Information Systems Engineering and Management*, 10(51), (ISSN: 2468-4376).
- Patel, H. R., Patel, S. D., & Patel, N. (2025). Fractional Order Simulation of MHD Blood flow with radiation and reaction effects. *Journal of Computational Analysis and Applications (JoCAA)*, 34(2), 169–189.
- Patel, H., Soni, H., & Gor, A. (2025). (SI14-03) Time Proportional Non-Instantaneous Deterioration Decisions for Vendor Managed Inventory System. *Applications and Applied Mathematics: An International Journal (AAM)*, 20(3), 1.
- Patel, H. R., Mittal A., & Darji, R. (2025). Study of micropolar MHD ferrofluid flow with non-linear stretching sheet. *Thermal Advances*. 3, No. 100032.
- Patel, H. R., Darji, R., Mittal A., & Khanna M. (2025). Study of Micropolar Ferrofluid in Non-Linear Stretching Sheets with Magnetic Field Effects. *Applications and Applied Mathematics: An International Journal (AAM)*, 20 (3) 4.
- Nanda, G., & Patel, H. R. (2025). Analysis of Cross Diffusion Effects on MHD Nanofluid Past an Oscillating Plate with Ramped Wall Temperature. *Applications and Applied Mathematics: An International Journal (AAM)*, 20 (3), 3.
- Mali, Z., Mittal, A., & Patel, H. R. (2025). Influence of Hall Effects on Rotating MHD Casson Fluid Flow over a Vertical Plate. *Applications and Applied Mathematics: An International Journal (AAM)*, 20 (3), 5.
- Nagar, T., Patel, H. R., Mittal, A., & Kori, V. (2025). Heat Source/Sink and Chemical Reaction Effects on Micropolar MHD Nano Fluid Flow in Stretching/Shrinking Sheet. *Applications and Applied Mathematics: An International Journal (AAM)*, 20 (3), 6.
- Gopal, N., Patel, H. R. (2025). Thermophoresis and brownian motion effects on inclined mhd nano-fluid flow with multi slip condition. *Journal of Computational Analysis and Applications (JoCAA)*, 34(4), 795–818.
- Patel, D., Patel, D., Patel, U., Soni, P., & Thakkar, P. (2025) SAMARTH: An advanced biomechatronic prosthetic hand with enhanced dexterity, affordability, and user experience. *EPH-International Journal of Science and Engineering*, 11(4), 45–52. .
- Patel, B. P. (2025, June 10). Evaluating stress concentration factor for a finite plate with various discontinuities under different loading conditions: A critical review. *University Journal of Research (UJR)*—Ganpat University.
- Thakkar, K., & Sahoo, S. (2025). Advancing Hydrogen Utilization in Internal Combustion Engines for a Path Toward Sustainable Mobility. *Hydrogen as Emerging Fuel for De-Fossilizing Transport Sector*, 291-322.
- Patel, A. V., Patel, V. P., Bansal, P., & Bhuva, B. V. (2025, March). Optimization and performance analysis of submerged arc welding: Influence of bead geometry, process parameters, and heat-affected zone—A review. *International Research Journal of Engineering and Technology (IRJET)*, 12(3).
- Meena, R., Mohaisen, H. S., Kaushik, L. K., Patel, V., Pandit, V., Khimsuriya, Y., ... & Kabeel, A. E. (2025). Performance enhancement of pyramid solar still integrated with evacuated tube collector, phase change material, and fins: Thermal, exergy, economic, and environmental analysis. *Journal of*

Energy Storage, 127, 117094.

- Mishra, B., Varshney, S., & Gupta, M. K. (2025). Effect of Fillers on the Performance of Fibre Reinforced

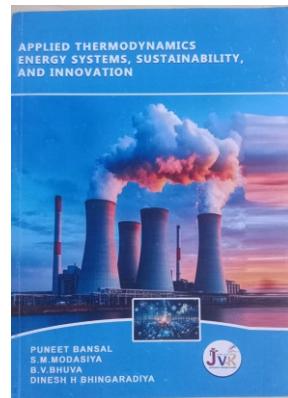
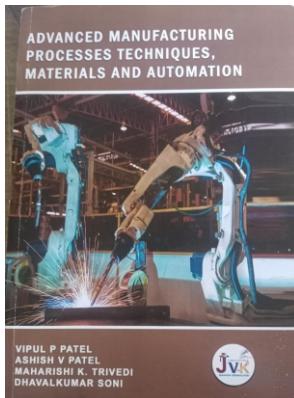
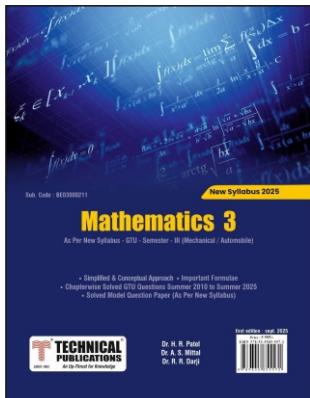
 Polymer Hybrid Composites: A Comprehensive Review. *Polymer-Plastics Technology and Materials*, 1-35.

## Research Paper Presentation

Sr. No.	Presented By	Title of the Paper	Name of Conference	Date/Year
01	Urmila C. Patel	Quantitative Analysis of Socioeconomic Determinants on Student Mental Health: A Machine Learning Approach with Policy Implications	International Conference on Engineering and Technology (Picet-2025)	May 2-3, 2025
02	Nikunj Patel, Rakeshkumar A. Patel	A Simplified Design and Modeling of Boost Converter for Photovoltaic System	International Conference on Innovations in Engineering, Management and Science (ICIEMS-2025)	Jan 31 & Feb 01, 2025
03	Vishnubhai Patel, Kannan Selvam, Subhanarayan Sahoo	Impact of Torque Ripple in PMSM on EV Energy Efficiency and Driving Range	2025 International Conference on Sustainable Energy Technologies and Computational Intelligence (SETCOM)	Feb 21-23, 2025
04	T. Ramachandran	Energy conversion analysis and efficiency improvements in Piezoelectric Energy Harvester(PEH) for different configurations	6th International Conference on Computational Intellegence and Industry 5.0 ICCII 2025	March 21-22, 2025
05	Vishnu B. Patel, G. Vaishnavi, N.N.Patel, Mohit Bhavsar	Comprehensive Analysis and Design of Dynamic Wireless Power Transfer technologies used for Electric Vehicles Charging Station	Second International Conference on Advancements in Science, Technology and Management (ICASTM-II) 2025	April 11-12, 2025
06	R.C. Bhavsar, N.N. Patel, V.B. Patel, M.S. Patel	Optimized Power Extracton in a Three Phase Grid Connected Inverter for Solar Applications	3rd International Conference Chem Technova 2025	April 3-5,2025
07	Priyesh Pandey, Vivek Kushawaha	Single Stage PV Grid System to Stabilize DC Link Voltage	International Advanced Research Journal in Science Engineering Technology	Jan 20-21, 2025
08	Vishnu.B.Patel, G. Vaishnavi	Analytical Implementation of WPT System For Performance Enhancement of EV Battery Charging	The International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2025)	May-25, 2025
09	R.C. Bhavsar, R.A. Patel	Steady State Analysis of PV, Wind and Diesel Generator based Microgrid	International Conference on Synergetic Development through Smart Technology & Digital Transformation (SDSTD 2025)	June 25-26, 2025
10	Nikunj Patel, Rakeshkumar A. Patel	Optimized Switching Converter for Photovoltaic Applications: Modeling and Simulation	3rd International Conference Chem Technova 2025	April 3-5, 2025
11	Shiv Narayan Singh, Vikram M Patel, Thomas M. Hanna	Managed Aquifer Recharge System in Gujarat Region: A REVIEW	Vol. 25, Special Issue (ICTPAIRS-JAU, Junagadh) Jan. 2025 pp. 517-526	January 12, 2025
12	Harshad Patel	Thermo-diffusion, chemical reaction and thermal radiation effects on MHD Casson blood flow in an inclined muti-stenosed artery	1st International Conference on Biomedical and Applied Clinical Sciences (BioMACS'25),	February 25-28, 2025

Sr. No.	Presented By	Title of the Paper	Name of Conference	Date/Year
13	V. P. Patel, B V Bhuva Puneet Bansal, A.V.Patel, D K Soni	A review on optimization of process parameters in the selective laser melting process	International E-Symposium on Smart Manufacturing, AI & ML, Industry 5.0 and Sustainable Infrastructure & Energy for the Future 2025 (ISMILE 2025)	April 17, 2025
14	Kartikkumar Thakkar	Experimental analysis of a full-scale reverse-flow CAN combustor	15th Asia-Pacific Conference on Combustion (ASPACC 2025)	May 20, 2025

## Book/Book Chapter Publication



Patel, H. R., Mittal, A. S., and Darji, R. R. (Jan. 2025). Mathematics-3, (B. Tech) (1st Edition). Technical Publication, ISBN: 978-93-5585-557-2.

Prof. Vipul Patel, Prof. Ashish Patel, Prof. Maharishi Trivedi, Prof. Dhaval Soni published a book "Advanced manufacturing processes, techniques, materials, and automation" in April 2025 by JVK PUBLICATION with ISBN: 978-93-48254-13-9

Prof. Puneet Bansal, Prof. S M Modasiya, Prof. B V Bhuva, Prof. Dinesh H Bhangaradiya published a book "Applied Thermodynamics Energy Systems, Sustainability and Innovation" in April 2025 by JVK PUBLICATION with ISBN: 978-93-48254-41-2

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Home > International Handbook of Emotions > Chapter

**The Intersection of AI and Emotions: Deep Learning Applications for a Better Society**

Chapter | First Online: 11 May 2025  
pp 11–29 | [Cite this chapter](#)

Hitesh Yadav & Surita Maini

302 Accesses 1 Citation

**Abstract**

The field of emotion recognition is rapidly growing within artificial intelligence (AI), employing machine learning (ML) and deep learning (DL) to interpret human emotions. This chapter offers an overview of the domain, beginning with fundamental concepts and examining the significance and challenges involved. It explores the latest techniques, such as Support Vector Machines (SVMs), Long Short-Term Memory networks (LSTMs), Recurrent Neural Networks (RNNs), and Convolutional Neural Networks (CNNs). A key

**International Handbook of Emotions**

Sections Figures References  
[Abstract](#)  
[Introduction](#)  
[Methodology](#)  
[Theoretical Framework](#)  
[Deep Learning \(DL\) Methods for Recognising ...](#)  
[AI and Emotion Recognition Applications](#)  
[Ethical Issues and Their Impact on Society](#)  
[Final Thoughts and Future Prospects](#)  
[References](#)

Yadav, H., & Maini, S. (2025). The Intersection of AI and Emotions: Deep Learning Applications for a Better Society. In International Handbook of Emotions: Resourceful Cultural Perspectives, Vol. 2 (pp. 11-29). Cham: Springer Nature Switzerland. [https://doi.org/10.1007/978-3-031-86445-2\\_2](https://doi.org/10.1007/978-3-031-86445-2_2)

## Patent/Industrial Design Published:

Sr. No.	Applicant Name	Title of the Patent	Patent Application Number	Patent/Industrial Design	Patent Filing Country	Patent Date	Patent Status
01	Manish Patel Rakesh Patel Vishnu Patel Ravi Bhavsar Mohit Bhavsar Nikunj Patel	Real-Time Monitoring and Control of Smart Electrical Grids Using IoT	202521004607	Patent	India	20/01/2025	Publish
02	A.S.Patel, Ashish Sharma, D.K.Soni, B.V.Bhuva, D.H. Bhingaradiya, A.V.Patel, V.P.Patel, S.M. Modasiya, Punnet Bansal	Multifunctional nanomaterial-based coatings for corrosion and heat resistance	202521021281	Patent	India	21/03/2025	Publish

## Placement Statistics and Placement update

Name of the Company	No of Students
Aavatto	1
ACMEGRADE	1
AICPL (Analyser Instrument Co. Pvt. Ltd)	1
Alpha E Bar Code	2
Anup Engineering	4
Archtech Automation	1
Atech Cloud	3
Azilen Technologies	5
Baxter Pharma	1
Caliber Technologies	2
Capgemini	2
CogniSaaS	2
CYRIX Healthcare	1
Deepak Nitrate	1
Deltax	1
DRC Systems India Limited	1
Dynatech Systems	4
E-Infochips	3
Emvee Corporation	3
Endel Digital Solutions	8

Name of the Company	No of Students
JAG Designers	1
JBM	4
K S Biomedical	3
Kanoda Energy	2
Kitchen365	2
Lucent Innovation	1
MBS	3
Mehta CAD CAM	1
Microlink	3
Micromatic Machine Tools	3
MKC Infra	1
Next Gensoft	5
Nuvoco Vistas Corporation Limited	1
o2H Technology	1
Odoo IN Pvt. Ltd.	3
Parle Elizabeth Tools Pvt. Ltd	1
Product Squad	7
Radixweb	1
Recruit CRM	1
Roima Intelligence India Pvt. Ltd	1

Name of the Company	No of Students
Engineering Techniques	2
ESMSYS	1
eTeam	4
Flourish Pure Foods	1
Gamecrio	1
Gateway Group	6
Genesis	1
Glide Technology	1
GROWEXX	4
Gujarat Print Pack	1
Haitian Huayuan Machinery (India) Pvt. Ltd.	11
Hettich	2
Hyperlink Info	3
Impero IT Services	10
India Japan Lightning	8
INFOXORAS	14
Internsveda	5
Ishitva Robotic Systems Private Limited	3

Name of the Company	No of Students
Rubberking Tyre	10
Saint Gobain (Gyproc)	3
Sarjen Systems	3
Satva Solutions	4
Silver Touch Technologies	5
SRF	1
Streebo	1
Synergy Healthcare Solutions	1
Synoptek India PVT LTD	3
Tata Hitachi Construction Machinery Company Pvt Ltd	2
Teachnook	34
TOPRE India	5
Torrent Pharma	2
VasyERP	1
Vikram Engineering	3
Wappnet Systems	1
Webs Optimization Software Solution	1
White Orange Software	2

Branches	Heads of Departments
Automobile Engineering	Dr. H A Patel
Bio Medical Engineering	Prof. Himanshu A Patel
Civil Engineering	Dr. C G Patel
Computer Engineering	Dr. Paresh Solanki
Electrical Engineering	Dr. R A Patel
Information Technology	Dr. Devang Pandya
Electronics and Communication Engineering	Dr. V K Patel
Mechanical Engineering	Dr. C P Patel
Mechatronics Engineering	Dr. J R Mevada
Marine Engineering	Prof. Giriraj Tejra
Petrochemical Engineering	Dr. Anvita Sharma

# Programmes Offered

## Bachelor of Technology (B.Tech)

Automobile Engineering	Biomedical Engineering	Biotechnology (Students of Biology subject can also apply)	Petrochemical Engineering Chemical Engineering	Civil Engineering	Computer Engineering
Computer Engineering (Artificial Intelligence)	Computer Science and Business Systems (In association with TCS)	Electronics & Communication Engineering (In association with e-Infochips)	Electrical Engineering	Information Technology	Marine Engineering (Approved by D.G. Shipping, Govt. of India)
Mechanical Engineering	Mechatronics Engineering	Robotics & Automation	Agricultural Engineering Food Technology	<b>Eligibility :</b> Passed HSC with the subjects prescribed by AICTE or Diploma Engineering	

## Master of Technology (M.Tech)

Biomedical Engineering	Computer Engineering (AI) Information Technology	Chemical Engineering	Electrical Engineering (Electrical Power System / Renewable Energy)	Electronics & Communication Engineering (VLSI System Design) (In association with e-Infochips)
Civil Engineering (Construction Engineering and Management / Structural Engineering)		Mechanical Engineering (Advanced Manufacturing Systems / CAD CAM / Additive Manufacturing)		



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