



# THE BPPIMT - NEWSLETTER

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Late B.P. Poddar  
(1920-1981)  
Founder  
B.P. Poddar Group

## Remembering Sardar Vallabhbhai Patel - The Iron Man of India



**Sardar Vallabhbhai Patel** was born in a Gurjar patidar of Gujarat on 31 October 1875. His native place was Karamsad. He was an Indian barrister and statesman, leader of the Indian National Congress and one of the founding fathers of the Republic of India. He was a social leader who played a leading role in the country's struggle for independence and guided its integration into a united, independent nation. In India and elsewhere, he was often addressed as *Sardar*.

He was raised in the countryside of Gujarat. Vallabhbhai Patel was employed in successful practice as a lawyer. Patel subsequently organised peasants from Kheda, Borsad, and Bardoli in Gujarat in non-violent civil disobedience against oppressive policies imposed by the British Raj; in this role, he became one of the most influential leaders in Gujarat. He rose to the leadership of the Indian National Congress and was at the forefront of rebellions and political events, organising the party for elections in 1934 and 1937, and promoting the Quit India movement.

As the first Home Minister and Deputy Prime Minister of India, Patel organised relief for refugees in Punjab and Delhi, and led efforts to restore peace across the nation. Patel took charge of the task to forge a united India from the British colonial provinces allocated to India and more than five hundred self-governing princely states, released from British suzerainty by the Indian Independence Act 1947. Using frank diplomacy, backed with the option and use of military force, Patel's leadership persuaded almost every princely state. Often known as the "Iron Man of India" or "Bismarck of India", he is also remembered as the "Patron Saint" of India's civil servants for establishing modern all-India services. This great son of India passed away on 15 December 1950.

## NEW YEAR WISH

We left behind another eventful year and will start a new year with new promises and expectations. I am sure that we shall overcome all the resistances with our dedication, hard work and confidence. In this occasion, let us promise to join our hands together to raise the flag of the Institute high. I would like to take this opportunity to wish all of our students, faculties and staff members a very happy and prosperous new year.

- Prof. (Dr.) Sutapa Mukherjee  
Principal BPPIMT





## ACADEMIC NEWS:

### Publications:

#### Journals:

**Bikromaditya Mondal**, Palash Das, Pradyut Sarkar, Susanta Chakraborty, "A comprehensive fault diagnosis technique for reversible logic circuits", *Computers & Electrical Engineering*, **40** (7), pp. 2259–2272 (October 2014), Impact Factor: 1.00, ISSN: 0045-7906.

M H Khan, Sudipta Pal, **Esa Bose**, "Frequency-dependent dielectric permittivity and electric modulus studies and an empirical scaling in  $(100-x)\text{BaTiO}_3/(x)\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$  composites", *Applied Physics A*, **118** (3), pp. 907-912, DOI 10.1007/s00339-014-8810-8, (October 2014), Impact Factor: 1.694, ISSN: 0947-8396.

R. Nandi, **Sagarika Das**, P. Venkateswaran, "Floating lossless immittance functions using DVCCTA", *International Journal of Electronics letters*, DOI: 10.1080/21681724.2014.966772, 1-10, (October 2014), Impact factor: 0.751, ISSN: 2168-1724 (Print), 2168-1732 (Online)

Sonali Chakraborty, **Arijit Saha**, Kallol Bhattacharya, "Extraction of difference of two images using periodic carrier modulation", *Optik* **125** (21), pp. 6466-6469 (November 2014), Impact factor: 0.769, ISSN: 0030-4026.

**Papri Saha**, Dolonchampa Saha, Anirban Ray, A. Roy Chowdhury, "Multistability in a single system with hidden attractors – theory and experiment", *International Journal of Physics*, **2** (6), pp. 217-225 (November 2014), Impact Factor: 0.76, ISSN: 2333-4568 (Print), 2333-4576 (Online)

### Conferences:

Pradyut Sarkar, **Bikromaditya Mondal**, Amit Kr Pramanik, Susanta Chakraborty, "Symmetric Function Realization using Reversible Circuit Synthesis", 22-25 October 2014, Bangkok, Thailand, Proc. TENCON, pp. 1-6, Publisher: IEEE- TENCON,



Bangkok, Thailand.

**Gitosree Khan, Sabnam Sengupta**, Anirban Sarkar, "Modeling of inter-cloud architecture using UML 2.0: Multi-Agent abstraction based approach", 13-15 October 2014, New Orleans, Louisiana, USA, Proc. International Conference on Software Engineering and Data Engineering (SEDE), pp. 149-154, Publisher: International Society of Computers and Their Applications (ISCA), Winona, MN, USA, ISBN: 978-1-880843-96-3.

**Gitosree Khan, Sabnam Sengupta**, Anirban Sarkar, "WSRM: A relational model for web service discovery in Enterprise Cloud Bus (ECB)", 18-21 December 2014, NIT Suratkal, Proc. International Conference on Eco-friendly Computing and Communication Systems (ICECCS), 2014, pp. 117-122, Publisher: ICECCS-2014, Mangalore, India, ISBN: 978-1-4799-6996-8.



Md. Alibordi, **R. Goswami**, S.S.Ghugre, R. Raut, "Study of low-lying band structure of transitional nuclei using Particle-Rotor Model -  $^{109}\text{Sb}$ ", 8-12 December 2014, BHU, Varanasi, India, Proc. DAE Symp. on Nucl. Phys. **59**, pp. 264-265.

### Invited Lecture:

Prof. Dr. B. N. Chatterji, Dean Academics, delivered Amal Roy Memorial Lecture titled *A brief historical review of pattern recognition and image processing research and development work on the Computer Day*, December 6, 2014 at Computer Society of India, Kolkata.

Prof. Dr. B. N. Chatterji, Dean Academics, delivered invited speech and was the chairperson of the session *Image Processing* at 2014 Fourth International Conference on Emerging Applications of Information Technology, EAIT 2014, during December 19-21, 2014 at Indian Statistical Institute, Kolkata.

## INSTITUTIONAL NEWS:

### Participation

**Debarati Dey**, Pradipta Roy, Tamoghna Purkayastha, Debashis De, "A first principle approach to design gated pin nanodiode", 3rd International Conference on Nanotechnology (Nanocon 014), 14-15 October 2014, Pune, India, Abstract: pp. 30, Publisher: Bharati Vidyapith University, Pune, India.

**Debarati Dey**, Pradipta Roy, Tamoghna Purkayastha, Debashis De, "Comparative study of resonant tunnel bio-gated and non-gated diode based on first principle approach", Proc. International Conference on Frontiers in Nano Science and Applications, 20-22 December 2014, Puttaperthi, Andhra Pradesh, India, Abstract: pp. 77, Publisher: Dept. of Physics, Sri Sathya Sai Institute of Higher learning, Prashantinilayam, AP, India.

**Arijit Dey, Kunal Das**, Debashis De, Mallika De, "Fan-out constraints in quantum dot cellular automata circuit design", Proc. International Conference on Nanotechnology (Nanocon 014), 14-15 October 2014, Pune, India, Abstract: pp. 27, Publisher: Bharati Vidyapith University, Pune, India.

