

# A QUARTERLY IN-HOUSE NEWSLETTER BY THE DEPARTMENT OF ECE OF



**B.P. Poddar Institute of Management and Technology**

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Editor In Chief: Ms. Rashmita Mishra



## Vision of the Department:

Emerge as one of the premier departments for Electronics and Communication Engineering studies in West Bengal

## Mission of the Department:

1. Imparting innovative educational program through laboratory and project-based teaching-learning process for meeting the growing challenges of industry and research.
2. Providing an inspiring and conducive learning environment to prepare skilled and competent engineers and entrepreneurs for sustainable development of the society.
3. Creating a knowledge centre of advance technologies committed to societal growth using environment-friendly technologies.



*"We can only see a short distance ahead,  
but we can see plenty there that needs to be done."*

-Alan Turing

(23rd June, 1912 - 7th June, 1954)

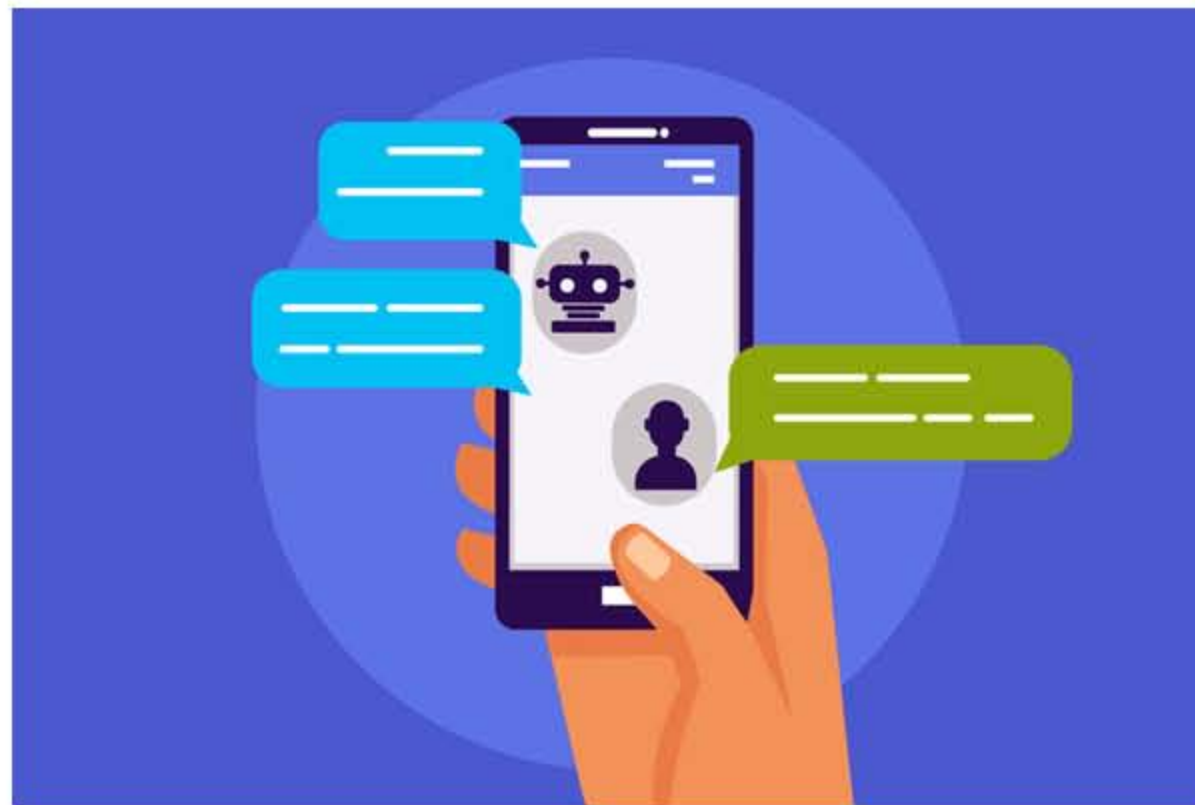


# TECH TRENDS

## CHATBOTS

Enterprise applications of messaging bots seem poised to have a tangible impact on the software space, as more companies invest in developing their own consumer-facing bots. Chatbots, at the most simplistic level, are front-end interfaces for companies to communicate with their customers. More advanced bots leverage artificial intelligence to provide enriching and interactive user experiences.

Companies can embed these bots on their home pages, or they can rely on native platforms like Facebook and Slack for distribution. Expect to see companies across all industries, including hospitality, dining and travel, create bots for customer support, sales and marketing services.



# RECENT EVENTS

## WORKSHOP ON APPLICATION OF PHOTOVOLTAIC CELL

A workshop on "Applications of Photovoltaic Cells" was jointly organised by Department of Electronics and Communication Engineering and SPIE BPPIMT Student Chapter on 26th April 2017.

The workshop dealt with the application of photovoltaic cells which mainly included solar lighting system. The main speaker was Mr.Chandan Chakraborty, Technical Advisor, Soltech Energies (P) Limited. Mr.Chakraborty elaborated and





demonstrated about the installation of solar lighting system. There was a demonstration of appliances which includes solar multi LED lantern, solar water heating system, solar battery etc.



## INFORMATION, PHOTONICS AND COMMUNICATION (IPC) 2017

To reach our Mission and fulfilling the Vision, the Department of Electronics and Communication Engineering organised a three-day national Conference on Information, Photonics & Communication 2017 (IPC'17) at B.P. Poddar Institute of Management and Technology, in association with SPIE Student Chapter, BPPIMT which started on 15th May, 2017. The conference was inaugurated by our Chief Guest, Padmashree Prof. Ajoy Kumar Ray, Director, IIST, Shibpur with watering the plant keeping in mind 'LIVE GREEN, SAVE GREEN' followed by his motivational speech which was a life long learning for all of us. Other notable speakers were: Dr. K.S. Dasgupta, Former Director IIST, Thiruvananthapuram; Prof. Debasish Datta, IIT Kharagpur; Prof. Goutam Saha, IIT Kharagpur; Mr. Debabrata Chakrabarti, Vice President, SIMOCO; Prof. Chayanika Bose, Jadavpur University; Prof. A. K. Datta, former Professor, University of Calcutta; Prof. Shila Ghosh, Principal, STCET; Dr. Surajit Mandal, Associate prof., BPPIMT and Mr. Saumik Bhattacharya, Alumni of BPPIMT, Research scholar, IIT Kanpur. Very good number of papers was presented and was applauded by the audience. A huge number of participation from various colleges and universities made the event a grand success.





# UPCOMING EVENTS

## SCHOOL AWARENESS PROGRAM

School Awareness Program (SAP) is an initiative that will be implemented by students of the Department of Electronics and Communication Engineering in association with the SPIE Student Chapter, BPPIMT in the upcoming months. In this initiative students will approach various schools within the state and spread awareness and growth of technology in all forms, among younger generation of students. The aim of this initiative is to increase the interest in the subjects of engineering, science and technology among younger generations, so as these young minds can in future be the stepping stone in revolutionizing technology.

# ACHIEVEMENTS & AWARDS

## Smart India Hackathon 2017-

**Organized on-** 1st and 2nd April, 2017

## Winners- In Department of Atomic Energy

**Team Member:** Debdyut Hazra (ECE-A, 3rd Year)

**Topic-** Radionomics (Braintumor and Radiometer)



Faculty Editorial Board: Ms. Rashmita Mishra, Dr. Vedatrayee Chakraborty, Ms. Susmita Biswas

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