



St. Thomas' College of Engineering and Technology

4, Diamond Harbour Road, Kidderpore, Kolkata - 700023

Bits and Bytes

Newsletter

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Department

Vision of the Department

To continually improve upon its teaching-learning process and research with a goal to develop technical manpower with sound academic backgrounds, who will respond to challenges and changes faced by dynamic scenario of Computer Science and Engineering.

CSE

Mission of the Department

- To inspire the students to work with latest tools and to make them industry ready.
- To impart research based technical knowledge.
- To groom the department as a learning centre for inculcating advancement of technology in Computer Science and Engineering with social and environmental awareness.

Editors:

1. Mr. Subhankar Mallick
Assistant Professor
2. Ms. Sanghamitra De
Assistant Professor
3. Mr. Shaon Bandyopadhyay
Assistant Professor
4. Mr. Arkoprobho Chatterjee
B.Tech, 3rd year
5. Mr. Aradhita Dasgupta
B.Tech, 2nd year

Program Educational Objective of Computer Science and Engineering

- To educate students to solve the problems for analysis and implementation of algorithms leading to optimal solutions fulfilling the dynamic requirement of industry and society.
- To inculcate into students the understanding of Computer Science and Engineering for grooming would be practicing engineers with sound knowledge of logic and design.
- To execute research in emerging fields in computer science and engineering so as to face the challenges of global competitiveness.

For

Further Information Contact:

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For Feedback Contact:

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Departmental Milestones

Best Paper Awards

- **Rudrajit Choudhuri**, 4th year has won the IAPR Best Student Paper Award at 6th IAPR International Conference on Computer Vision & Image Processing, IIT Ropar.

R. Choudhuri*, and A. Halder†, "Adaptive Rough-Fuzzy Kernelized Clustering Algorithm for Noisy Brain MRI Tissue Segmentation", *CVIP*, pp. 561-573, 2021.



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Events/ Workshop Organized

Webinar on Machine Learning & Data Analytics Summer Workshop for 2nd year CSE students from 2nd September to 4th September, 2021 was organized by department of Computer Science & Engineering in digital platform (Webex). The Convener of this Workshop was Dr. Amit Paul.

Faculty Participation in Online Course

- **Dr. Mousumi Dutt** has successfully completed 5-days(22nd November – 26th November, 2021) Online AICTE Training And Learning (ATAL) FDP on *AIML* at VSSUT Odisha. She has successfully completed 3-days(6th September-8 September, 2021) Faculty Development Program (FDP) on *Effective Teaching and Learning* organized by STCET.
- **Dr. Biswajita Datta** has successfully completed 5-days (26th July–30th July, 2021) online FDP on the theme *Inculcating Universal Human Values in Technical Education* organized by AICTE.
- **Samrat Sarkar** has successfully completed 5-days (26th July–30th July, 2021) online FDP on the theme *Inculcating Universal Human Values in Technical Education* organized by AICTE.
- **Subhankar Mallick** has successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "*Application of AI, ML and DL in Smart Healthcare*" from 27th September to 1st October, 2021 at Maulana Abul kalam Azad University of Technology, WB. He has successfully completed 3-days(6th September-8th September, 2021) Faculty Development Program (FDP) on *Effective Teaching and Learning* organized by STCET.
- **Debashish Chakraborty** has successfully completed NPTEL-AICTE FDP on *Accreditation and Outcome Based Learning* from July to September, 2021. He has successfully completed 3-days(6th September-8th September, 2021) Faculty Development Program (FDP) on *Effective Teaching and Learning* organized by STCET.
- **Ghazaala Yasmin** has successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "*Introduction to Speech Processing and its Applications using AI-ML (ISPA)-2021*" from 25th October to 29th October, 2021 at Centre for Development of Advanced Computing, Kolkata. She has successfully completed 3-days(6th September-8 September, 2021) Faculty Development Program (FDP) on *Effective Teaching and Learning* organized by STCET.

Publication Details

- R. Choudhuri^{*}, S. Halder and A. Halder[†], "A Novel Rough Set Based Image Denoising Algorithm," in *Proc. ICIP*, pp. 19-24, 2021.

[†] Publications by college faculty

^{*} Publications by college students under the guidance of college faculty