

IIT Bhubaneswar Organizes Seminar On ‘Advancing Science And Serving Humanities’

- First of its kind discourse at IIT Bhubaneswar on Innovation and collaboration between engineering and cognitive science

Bhubaneswar : Indian Institute of Technology (IIT) Bhubaneswar has organized a seminar on ‘Advancing Science and Serving Humanities’, in the realm of Cognitive Science on 23rd September. Considering the significance of Cognitive Science in the ongoing research works towards exploring the profound connections between science and the humanities, the seminar aimed at delving deep into this dynamic interplay, where science enhances understanding of human cognition, creativity, and the essence of human behaviour. This was the first of its kind seminar organized in IIT Bhubaneswar. Dr. Tapan Gandhi, Cadence Chair Professor of AI & Automation, Department of Electrical Engineering, IIT Delhi, a luminary in the field of Cognitive Science was the speaker of the seminar. He shared his knowledge, experiences, and visions for the future in this field.

Speaking on the occasion, Dr. Gandhi elaborated upon the use of Cognitive Science with the help of Artificial Intelligence and Automation towards the benefit of humanity. He spoke about the various projects and research works he has carried out to help the physically and psychologically differently able people. Dr. Gandhi mentioned his work in developing various technological interfaces like Assistive Devices, Electrooculography (EOG)-based Integrated Assistive Devices and studies on Neuro Developmental Problems, especially among blind children. It is worth mentioning here that his research on Cognitive Science, coupled with AI and Automation has been successful in bringing vision back for around 300 children through his venture ‘Project Prakash’. He highlighted the importance of effective science communication in bridging the gap between scientific discoveries and the general public through engineering. Through this seminar, the participants could get insights on the latest advancements in Cognitive Science and how this science can be blended with advanced technologies for the larger benefit of human society. It was illuminating to understand the value of collaboration between science and engineering of diverse backgrounds to tackle the complex humanistic issues.

Dr. Aparna Pandey, Assistant Professor, School of Humanities, Social Sciences & Management, IIT Bhubaneswar organized and coordinated the Seminar. Dr. Pandey offered a vote of thanks on the occasion. Students and employees of the Institute participated in this seminar. This seminar helped the audience in exploring the profound connections between science, humanities, and engineering.

Link: <https://orissadiary.com/iit-bhubaneswar-organizes-seminar-on-advancing-science-and-serving-humanities/>

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Seminar on Cognitive Science

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ଆଇଆଇଟିରେ ଆଲୋଚନାଚକ୍ର

ଜଟଣା,୨୫।୯ (ନି.ପ୍ର): ଆଇଆଇଟି ପରିସରରେ 'ପ୍ରଗତିଶୀଳ ବିଜ୍ଞାନ ଓ ମାନବ ସମାଜର ହିତ ସାଧନ' ଆଲୋଚନା ଚକ୍ର ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ବିଜ୍ଞାନ ଦ୍ୱାରା ମାନବ ସମାଜର ବୋଧଶକ୍ତିର ବିକାଶ, ସୃଜନଶୀଳତା, ମାନବର ବ୍ୟବହାରରେ ବିଜ୍ଞାନର ଭୂମିକା ଉପରେ ଆଲୋଚନା କରାଯାଇଥିଲା । ଦିଲ୍ଲୀ ଆଇଆଇଟିର କ୍ୟାଡେମ୍ବୁ ଚେୟାର ପ୍ରଫେସର ବି.ତପନ ଗାନ୍ଧୀ ବକ୍ତା ଭାବେ ଯୋଗ ଦେଇ ବିଜ୍ଞାନରେ ଆର୍ଟିଫିସିଆଲ ଇଣ୍ଟେଲିଜେନ୍ସ ଏବଂ ଅଟୋମେସନ ଭଳି ପ୍ରଯୁକ୍ତି ବିଦ୍ୟାର ସମନ୍ୱୟ ଦ୍ୱାରା ମାନବ ସମାଜର କିଭଳି ହିତ ସାଧନ ହୋଇ ପାରିବ ସେ ସମ୍ପର୍କରେ ସୂଚନା ଦେଇଥିଲେ । ବୈଜ୍ଞାନିକ ଋବେଷଣା ଓ ଉତ୍ତରାଧିକାର ପରିବେଷଣା ଦ୍ୱାରା ବିଜ୍ଞାନ ଓ ସାଧାରଣ ଜନତାଙ୍କ ମଧ୍ୟରେ ଥିବା ଅନ୍ତରକୁ କିଭଳି ଦୂର କରାଯାଇ ପାରିବ ସେ ସମ୍ପର୍କରେ ଆଲୋଚନା କରିଥିଲେ । ଆଇଆଇଟି ସ୍କୁଲ ଅଫ୍ ହ୍ୟୁମାନିଟିଜ୍, ସୋସିଆଲ ସାଇନ୍ସ ଏବଂ ମ୍ୟାନେଜମେଣ୍ଟର ଡ଼.ଅପର୍ଣ୍ଣା ପାଣ୍ଡେ ଉକ୍ତ ଆଲୋଚନା ଚକ୍ରକୁ ପରିଚାଳନା କରିଥିବା ବେଳେ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।



ବୈଠକରେ

The Samaja

26.09.2023



Headline: IIT Bhubaneswar Organizes Seminar On 'Advancing Science And Serving Humanities'

ଆଇଆଇଆଇଟିରେ 'ପ୍ରଗତିଶୀଳ ବିଜ୍ଞାନ ଏବଂ ମାନବସମାଜର ହିତସାଧନ' ଶୀର୍ଷକ ଆଲୋଚନାଚକ୍ର

॥ ପ୍ରଭାନ୍ୟୁଜ୍ ॥ କଟକ, ୨୪।୯: ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ପକ୍ଷରୁ ସେପ୍ଟେମ୍ବର ୨୩ ତାରିଖରେ ବୋଧଶକ୍ତି ବିଜ୍ଞାନ ପରିସରରେ 'ପ୍ରଗତିଶୀଳ ବିଜ୍ଞାନ ଏବଂ ମାନବସମାଜର ହିତସାଧନ'

ଶୀର୍ଷକ ଆଲୋଚନାଚକ୍ର ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ବିଜ୍ଞାନ ଓ ମାନବିକତା ମଧ୍ୟରେ ଥିବା ସମ୍ପର୍କ ବିଶଦ ଅନୁସନ୍ଧାନ ଦିଗରେ ସମଗ୍ର ବିଶ୍ୱରେ କରାଯାଉଥିବା ବିଭିନ୍ନ ଗବେଷଣାର ମହତ୍ତ୍ୱ ଆଖିରେ



ରଖି ଅନୁଷ୍ଠିତ ଏହି ଆଲୋଚନାଚକ୍ରଟି, ବିଜ୍ଞାନ ଦ୍ୱାରା ମାନବସମାଜର ବୋଧଶକ୍ତିରେ ବିକାଶ, ସୁଜନଶୀଳତା ଏବଂ ମନୁଷ୍ୟର ବ୍ୟବହାରରେ ବିଜ୍ଞାନର ଭୂମିକା ଆଦି ବିଷୟରେ ଚର୍ଚ୍ଚନା ଓ ଅନୁଶୀଳନ କରିବା ପାଇଁ ଉଦ୍ଦିଷ୍ଟ ଥିଲା । ଏହି ଅବସରରେ, ଆଇଆଇଆଇଟି ଦିଲ୍ଲୀର ଇଲେକ୍ଟ୍ରିକାଲ୍ ଇଞ୍ଜିନିୟରିଂ ବିଭାଗ ଅନ୍ତର୍ଗତ ଏଆଇ ଓ ଅଟୋମେସନ୍ ବିଷୟର କ୍ୟାଡେଟ୍ ଚେୟାର ପ୍ରଫେସର୍ ଡଃ ତପନ ଗାନ୍ଧି ବକ୍ତା ଭାବେ ଯୋଗ ଦେଇ ନିଜର ଅନୁଭୂତି ଏବଂ ଅଭିଜ୍ଞତା ତଥା ଏ ଦିଗରେ ତାଙ୍କର ଭବିଷ୍ୟତ ଲକ୍ଷ୍ୟ ବିଷୟରେ ଆଲୋଚନା କରିଥିଲେ । ନିଜର ବକ୍ତବ୍ୟରେ, ଡଃ ଗାନ୍ଧି ବୋଧଶକ୍ତି ବିଜ୍ଞାନ ସମ୍ପର୍କରେ ବିସ୍ତୃତ ଭାବେ ବର୍ଣ୍ଣନା କରିବା ସହ ଏହି ବିଜ୍ଞାନରେ ଆର୍ଟିଫିସିଆଲ୍

ଇଣ୍ଟେଲିଜେନ୍ସ ଓ ଅଟୋମେସନ୍ ଭଳି ପ୍ରଯୁକ୍ତିବିଦ୍ୟାର ସମନ୍ୱୟ ଦ୍ୱାରା କିପରି ମାନବସମାଜର ହିତସାଧନ କରାଯାଇପାରିବ, ସେ ସମ୍ପର୍କରେ ଉପସ୍ଥାପନ କରିଥିଲେ । ଏହି ପରିପ୍ରେକ୍ଷାରେ, ତାଙ୍କ ଦ୍ୱାରା

ବିକଶିତ ବିଭିନ୍ନ ଜ୍ଞାନକୌଶଳ ଓ ଉପକରଣ ଯଥା ବିଭିନ୍ନ ଆସିଷ୍ଟିଭ୍ ଡିଭାଇସ୍, ଇଲେକ୍ଟ୍ରୋଅକ୍ସଲୋଗ୍ରାଫୀ (ଇଓଜି) ଭିତ୍ତିକ ଆସିଷ୍ଟିଭ୍ ଡିଭାଇସ୍ ଏବଂ ନ୍ୟୁରୋ ଡେଡେଲପମେଣ୍ଟାଲ୍ ସମସ୍ୟା ସମ୍ପର୍କିତ ଗବେଷଣା, ଯାହାକି ବିଶେଷ ଭାବେ ଦୃଷ୍ଟିହୀନ ଶିଶୁଙ୍କ

ହିତସାଧନ କରିପାରୁଛି, ସେ ବିଷୟରେ ଉଲ୍ଲେଖ କରିଥିଲେ । ଏଠାରେ ଉଲ୍ଲେଖଯୋଗ୍ୟ ଯେ ଏଆଇ ଏବଂ ଅଟୋମେସନ୍ ସମନ୍ୱୟରେ ବୋଧଶକ୍ତି ବିଜ୍ଞାନର ଅନୁଶୀଳନ ବିଷୟରେ ତାଙ୍କର ଗବେଷଣା ଦ୍ୱାରା ସେ ନିଜର ଏକ ପ୍ରକଟ 'ପ୍ରୋଜେକ୍ଟ୍ ପ୍ରକାଶ' ମାଧ୍ୟମରେ ୩୦୦ରୁ ଉର୍ଦ୍ଧ୍ୱ ଶିଶୁଙ୍କୁ ଦୃଷ୍ଟିଲାଭର ବ୍ୟବସ୍ଥା କରିପାରିଛନ୍ତି । ଆଇଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ସ୍କୁଲ୍ ଅଫ୍ ହ୍ୟୁମାନିଟିଜ୍, ସୋସିଆଲ୍ ସାଇନ୍ସ୍ ଓ ମ୍ୟାନେଜମେଣ୍ଟର ଆସିଷ୍ଟାଣ୍ଟ ପ୍ରଫେସର୍ ଡଃ ଅପର୍ଣ୍ଣା ପାଣ୍ଡେ ଏହି ଆଲୋଚନାଚକ୍ରର ଆୟୋଜନ ଓ ପରିଚାଳନା କରିଥିଲେ । ଡଃ ପାଣ୍ଡେ ଆଲୋଚନାଚକ୍ର ଶେଷରେ ଧନ୍ୟବାଦ ମଧ୍ୟ ଜ୍ଞାପନ କରିଥିଲେ ।

The Suryapraya

25.09.2023