Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G.

Department of Computer Science and Information Technology

**Report on cultural activities 2016-17**

Department of CSIT department celebrated "Mirusum" on 08/11/2016 in the University auditorium in which Head, Faculties and students of the department were present. It was an event which included all types of cultural activities like singing, dancing, poetry etc. The program was hosted by the final year students. The program was inaugurated by lighting the lamp in front of Ma Saraswati and Sant Guru Ghasidas ji followed by speech from the HOD of CSIT department. The cultural programme began with prayer. After that, one by one, the students of different courses performed various programs. Students from all courses and semester participated in this program. A group of students also played a little drama. All final year students shared their memories through a short video including pictures of various moments during their study in university campus. At last prizes were given in various categories for the function as well as medals to various students of department for academic and cultural events. The programme ended with vote of thanks by the students. All who attended the cultural programme enjoyed it most.

## Report on cultural activities 2017-18

Department of CSIT department organised “Mirusum” on 11/11/2017 in which Dean, Head, Faculties and students of the department were present. The event included dance, poem recitation, singing, drama, mime, skit, cracking jokes, comedy acts, and many more. The function started with saraswati vandana and lighting of lamp in front of Ma Saraswati and Sant Guru Ghasidas ji followed by speech from the HOD of CSIT department. The HOD addressed the students for their bright future. Students of all courses actively participated in the programme and presented their talent. A group of students was invited to come on stage and play a drama scene. The drama they presented was funny and interesting. It engaged the audience and made them laugh. Similarly, some more students also performed various programs and amused the audience. All final year students shared their memories through a short video including pictures of various moments during their study in university campus. Prizes were distributed in various categories for the function as well as medals to various students of department for academic and cultural events. At last, the students thanked the audience and the event was got over successfully.

## Report on cultural activities 2018-19

Students of CSIT department organised "Mirusum" on 24/11/2018 in which Dean, Head, Faculties and all students of department were present. It's an event which includes all types of cultural activities like singing, dancing, poetry etc. Function started at its scheduled time with saraswati vandana and lighting of lamp in front of Ma Saraswati and Sant Guru Ghasidas ji. Adasrh and soumya presented a duet multilingual song including English, Spanish, French and Hindi. Then Students of MCA Third semester presented a karma nritya with a name "nadan Parindey". Program continued with lot of fun including instant games and quiz for which prizes were given. Rupesh Nayak presented a beautiful poem in memory of his school friend. Twin Brothers Manjeet and Manpreet known as "Mad Brothers" presented a duet dance. Students of all classes represented various states of India with their traditional dress trough ramp walk. Lastly all final year students shared their memories through a short video including pictures of various moments during their study in university campus. At last prizes were given in various categories for the function as well as medals to various students of department for academic and cultural events in last session.

**Department of CSIT, GGV, Bilaspur**

**Reports on MIRUSM – 2019**

**16th November 2019**

The Annual Cultural Fest of the CSIT department was held on 16.11.2019 under the chairmanship of Dean, School of Computational & Mathematical Sciences and HOD CSIT department. In the event 330 participants including Faculty & Staff were present. The day was started by the lighting of the lamp by the Dean and HOD and Sarashwati Vandana followed by the addressing speeches from HOD and the Dean. There were total 38 performances presented by the students on the day.

During the morning half, 3 Solo Dances, 2 Group Dances, 3 Poetries, 1 Duet Song, 2 Mono Acts, 3 Solo Songs, 2 Duet Dances and Ramp Work were performed followed by a Memory Presentation by BSV-V students. After that there was a Lunch Break of 45 minutes.

During the second half 1 Solo Dance, 5 Group Dances, 1 Duet Song, 2 Mono Acts, 5 Solo Songs, 1 Duet Dance, Stand-up Comedy were performed by the students and Memory Presentations by MCA-V & MSC-III students were followed.

To encourage the performers the Department made an arrangement of prize distribution on category basis. There are 10 prizes on category basis were awarded to the top performers.

Technical Contest like Web Fight, Apti Rex, and Bid Battle were conducted prior to the fest and the winners were awarded in the fest day. A Paint competition was conducted and the best was awarded in the day.

Finally the class toppers Tarini Sahu (BSC-III), Rahul Barik (BSC-V), Adarsh Sahu (MCA-III), Yogesh Gupta (MSC-III) & Yogendra Saranagat (MCA-V) were also encouraged and awarded.

The ceremony was closed by the concluding speech of HOD & the Dean and the Vote of Thanks by student of MCA-V.

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DEPT OF CSIT
G.G.V. BILASPUR (C.G.)

**Department of CSIT, GGV, Bilaspur, C.G**

**Report on functions organized for 70 years of independence and 75 years for quit India movement**

**1st Aug-30 Aug, 2017**

| Serial Number | Event name | Images |
|---|---|---|
| 1 | Quiz Competition: Event details<br><br>The Quiz began with the introduction of the competition. The quiz was conducted in LAB – I of CSIT department. The rules of the quiz competition were announced to the students. Number of students participated in quiz competition is 37. The Online Quiz Contest program encouraged students to check their general knowledge and improved their performance & confidence. | <br> |
| 2 | Sankalp: event details<br><br>On 9th august the Sankalp event was conducted in the department of CSIT in the presence of teachers and students to resolve Dirt-Quit India, Poverty-Quit India, Corruption-Quit India, Terrorism- Quit India, Casteism-Quit India, and Communalism-Quit India. | <br> |

| | | |
|---|---|---|
| 3 | A new India manthan (issues relating to carrying India ahead into 2022 ) : event details<br><br>Manthan activity was conducted in the CSIT department on 30/08/2017 at 2:00 PM for the students to come together at a venue from across all age groups and to engage them in intellectually stimulating discussions on how India should be in 2022. All participants presented their view with great enthusiasm. | <br> |
| 4 | Tour organized for students to the memorials of freedom fighters and military , para military & Police man's house or place :<br>Event details<br><br>No tour organized. | Nil |

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**Department of CSIT, GGV, Bilaspur, C.G**

**Report on**

**Nasha Mukti Abhiyan on 30/1/2018**

The Programme nasha mukti abhiyan was carried out on 30/01/18 at 12:00 noon in CSIT department. The main aim of this programme was to spread and create awareness among the students regarding adverse effects of drug addiction. The programme started with an influential speech from Dean School of mathematical and computational Science. He informed about non-consumption of alcohol, drugs, cannabis, brown sugar, tobacco, cigarettes, gutkha and the harm caused by their consumption. The program was then followed with a speech by H.O.D. She informed the students about the ill effects of intoxication. All staff members, faculty members and a large number of students were present in this programme.

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G.G.V. BILASPUR (C.G.)

# A report on
# National conference on "Data Analytics, Machine Learning and Security" (NCDAMLS-2018), 15-16, February, 2018
# Organised by : Dept. of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur (CG)

A two day national conference on "Data analytics, machine learning and security" (NCDAMLS-2018) was organized by department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalay, Central University, Bilaspur during 15 and 16th February 2018. This conference was co-sponsored by Science and Engineering Research Board (SERB), DST, GoI, New Delhi and Chhasttisgarh Council of Science & Technology, Govt. of C.G., Raipur. Dr. Babita Majhi and Mrs. Pushpalata Pujari from Department of CSIT, GGV, CU, Bilaspur were the convener and co-convener of the conference respectively.

Unpublished and original research contributions were invited for consideration for presentation and publication in conference proceeding. The major themes covered in conference were Learning for streaming data, structured and relational data, Latent semantics and insight learning, Mining multi-source and mixed-source information, Mixed-type and structure data analytics, Cross-media data analytics, Big data visualization, modeling and analytics, Multimedia/stream/text/visual analytics, Relation, coupling, link and graph mining, Personalization analytics and learning, Web/online/social/network mining and learning, Structure/group/ community/network mining, Cloud computing and service data analysis, Soft Computing, Evolutionary Computing and Machine Learning, Data analytics in Business, Data Mining and Data Warehousing, Security, trust and risk in big data, Data integrity, matching and sharing, Privacy and protection standards.

On 15th Feb, 2018 the conference was inaugurated in the chairmanship of Prof. A. S. Ranadive, the Dean of the School of Mathematical and Computational Sciences and Mrs. P. Pujari, Head, Dept. of CSIT, GGV, Bilaspur. In the inaugural session, Prof. G. Panda, IIT Bhubaneswar was the chief guest and Dr. Tinku Acharya, MD, Videonetics Technology Pvt. Ltd., Kolkata was the guest of honour. The Convener, Dr. Babita Majhi was highlighted on the requirement and importance of data analytics, machine learning and security in the present digital scenario. The conference souvenior and proceeding (CD Format) were launch by the delegates during the session. The detail conference schedule and the list of research papers presented during the conference is enclosed in appendix-I and II.

The conference was having four keynote addresses and four technical sessions for two days. Prof. Ganapati Panda, Visiting Professor from IIT Bhubaneshwar, Dr. Tinku Aacharya, Managing Director of Videonetics Technology Pvt. Ltd., Kolkata, Dr. Sujata Das, Reader, P.G. Dept. of Computer Science, North Orissa University, Baripada, Odisha and Dr. Rishi Ranjan Singh, Asst. Professor, Dept. of Computer Science and Engg. from IIT Bhilai were among the experts who attended the conference and delivered their keynote lectures on the research area of their expertise pertaining to the theme of the conference. They also shared their valuable knowledge

and experiences with the participants during the conference which was very much helpful for the participants of the conference for their future research.

A total of 36 research contributions from the researchers working in different organizations in India such as IIT, Bhubaneshwar, IIT Kharagpur, NIT Warangal, NIT, Suratkal, NIT, Raipur, CV Raman University, Bilaspur, GLA University, Matura, HGV, Sagar, MP, Govt. PG College, Bilaspur, OSOU, Sambalpur, IGKV, Raipur, APSU, Rewa, ITER, S'O'A University, Bhubaneswar, Odisha, DAVV, Indore, Sundarlal Sharma Open University, Bilaspur and different departments of GGV, Bilaspur were accepted for presentations in the conference after peer review of the papers. All the papers were presented by the respective authors in the technical session chaired by the session chairs. There were mind storming technical discussions among the author, participants and experts.

About 80 participants comprising of authors, co-authors from different organizations, faculties, research scholars and students of Dept. of CSIT, GGU, Bilaspur got registered and attended the conference. An abstract and souvenir of conference was published and distributed to the participants along with registration material. The full length research papers submitted by authors were included in the conference proceeding(electronic format) with ISBN number 978-93-5291-457-9 and distributed to the participants.

Finally on 16$^{th}$ Feb. 2018, the valedictory function was conducted during 4.45-6.00pm. The Dean of the School, Head of the Dept., Prof. G. Panda, IIT Bhubaneswar were present along with faculty members of the department and participants of the conference. The certificates were distributed to the participants by the Dean and the invited guest. Two best paper awards were also announced and given to the authors of the chosen papers for encouraging the research activities among the participants. Finally the vote of thanks was delivered by the Convener, Dr. Babita Majhi.

# Appendix-I

# PROGRAM SCHEDULE OF NCDAMLS- 2018

## Day 1- 15/02/2018

| SN0. | TIME | PARTICULARS |
|---|---|---|
| 1 | 9-10 AM | REGISTRATION, KIT DISTRIBUTION |
| 2 | 10-11 AM | INAUGURAL SESSION |
| 3 | 11-11:30 AM | HIGH TEA |
| 4 | 11:30-12:30 PM | KEYNOTE ADDRESS - 1<br>(by Prof. G. Panda, FNAE, FNASc., IIT Bhubaneswar)<br>Topic : Machine learning techniques and data analytics- overview and applications |
| 5 | 12:30-1:30PM | KEYNOTE ADDRESS -2<br>(by Dr. Tinku Acharya, Fellow IEEE, FNAE<br>Founder and MD, Videonetics Technology Pvt. Ltd., Kolkata)<br>Topic : Video IOT |
| 6 | 1:30- 2:00 PM | LUNCH |
| 7 | 2:00- 4:00 PM | TECHNICAL SESSION-I |
| 8 | 4- 4:15 PM | TEA BREAK |
| 9 | 4:15-6:15 PM | TECHNICAL SESSION-II |

## Day 2- 16/02/2018

| SNO. | TIME | PARTICULARS |
|---|---|---|
| 1 | 9.00– 11.00am | TECHNICAL SESSION-III |
| 2 | 11am-12noon | INVITED TALK-1<br>(By Dr. Sujata Dash, North Odisha University)<br>Topic : Unsupervised learning – A text document clustering |
| 3 | 12noon – 12.15pm | Tea Break |
| 4 | 12.15pm – 1.15pm | INVITED TALK-2<br>(By Dr. Rishi Ranjan Singh, IIT Bhilai)<br>Topic : Mining important elements from network data |
| 5 | 1.30pm – 2.00pm | LUNCH BREAK |
| 6 | 2:00- 4.30 PM | TECHNICAL SESSION-IV |
| 7 | 4.30- 4:45PM | TEA BREAK |
| 8 | 4:45- 6:00 PM | VELIDICTORY SESSION and CRTIFICATE DISTRIBUTION |

# Appendix - II

## List of Research Papers presented during different technical sessions the conference

## 15/02/2017

## TECHNICAL SESSION-1 (2.00pm to 4.00pm)

| | |
|---|---|
| *1* | Mining on relationship in big data era using Appiori algorithm<br>*Kamlesh Kumar Pandey, Diwakar Shukla and Ram Milan* |
| *2* | Start-up branding practices in Tamil Nadu: An exploratory study<br>*Saptadwipa Purkayastha, Sourav Purkayastha and Vikas Bhatnagar* |
| *3* | Ghost shopping: Bridging the gap between customer and company<br>*Sriya Pradhan, Vineetha Pola and Vikas Bhatnagar* |
| *4* | Security and privacy challenges in big data<br>*Ram Milan, Kamlesh Kumar Pandey and Diwakar Shukla* |
| *5* | A study of performance evaluations of hybrid intrusion detection system models<br>Rechal Pradhan, Reshamlal Pradhan, Deepak Kumar Xaxa |
| *6* | Evaporation estimation using recurrent artificial neural network – A case study for Chhattisgarh plains region of east central India<br>*Diwakar Naidu and Babita Majhi* |
| *7* | Development and performance evaluation of artificial neural network model for runoff estimation<br>*Bhupendra Dhankar, Jitendra Sinha* |

## TECHNICAL SESSION -2 (4.15-6.15pm)

| | |
|---|---|
| 1 | Internet search engine: performance evaluating the google, yahoo and bing web search engine based on their searching capabilities<br>*Narendra Pradhan and Kamlesh Kumar Pandey* |
| 2 | Animated character facial recognition using fusion method<br>*Tarun Jaiswal and Sushma Jaiswal* |
| 3 | Higher education in India: growth prospects and the role of ICT in admission process<br>*Deepak Kumar Pandey and Pushkar Dubey* |
| 4 | Data analytics & cloud computing<br>*Manju Banerjee* |
| 5 | A look at recent innovations in artificial intelligence |

| | |
|---|---|
| | *Prastavana* |
| 6. | An enhance the security-based algorithm based on the global positioning system to secure the server data via satellite mechanism<br>*Devendra K. Singh* |
| 7 | Machine learning methods for classifying human physical activity and sports<br>*Sravan Kr. Singh Yadav and Surendra Kumar* |

## Date : 16/02/2018

## Technical Session – III (9.00am-11am)

| | |
|---|---|
| 1 | Optimizing recruitment and personnel selection in organizations using soft computing techniques<br>*Kiran Sahu and Harsha Sahu* |
| 2 | Fully computerized system or advanced robot or AI machine<br>*Brijesh Kumar* |
| 3 | A proposed system concept on enhancing the encryption and decryption method using USB mass storage device<br>*Anand Prakash Rawal, Vishal Kumar, Abhishek Kumar Sinha and Madhurendra Purbay* |
| 4 | Approximate solutions to structural problems using B-spline collocation technique<br>*Deepak Mahapatra, Anurag Singh Tomer, Anil Kashyap & Aryak Shori* |
| 5 | Predicting successful numbers of new products a study on manufacturing sector firms<br>*Vikas Bhatnagar and Ritanjali Majhi* |
| 6 | Identification of parameters affecting new product development in manufacturing sector<br>*Vikas Bhatnagar and Ritanjali Majhi* |
| 7 | Effect of climate variability on agriculture using regression analysis<br>*Rajesh Kalli, Sunil Khosla, Pradyot Ranjan Jena* |

### Technical Session – IV (2.00pm-4.00pm)

| | |
|---|---|
| 1 | An adaptive RFLANN model with PSO based training for Forex prediction<br>*C.M.Anish, Babita Majhi and Harendra Bikrol* |
| 2 | A literature review: mobile security<br>*Sejal Mishra* |
| 3 | A comparative study of Govt. & Private Schools on usages and non-usages of multimedia with respect to performance in special education |

| | |
|---|---|
| | *Manisha Vijay Vargiya* |
| 4 | Face detection using multi threshold features<br>*Amitesh Kumar Jha and Sushma Jaiswal* |
| 5 | Recognition of Odia Vowels using Clonal Selection Algorithm Based FLANN Model<br>*Pushpalat Pujari and Babita Majhi* |
| 6 | A study of the bagging technique on the Breast cancer data set<br>Nishant Behar |
| 7 | Scalable progressive analytics on big data in the cloud<br>*Piyush Gupta* |
| 8 | Robust adaptive filtering based on new improved variable step size affine projection sign algorithm<br>*Pradeep Mishra, Satyanarayan Panda and Krishna Rout* |
| 9 | An incremental distributed active noise control system for impulse noise cancellation<br>*Ruchi Kukde, M. Sabarimalai Manikandan and Ganapati Panda* |
| 10 | Exchange rate prediction using convolution neural network<br>*Akshay Nambiar and Ganapati Panda* |

# Inaugural Session

Speech by the Dean of the School, Prof. A. S. Ranadive

Inaugural Speech by the Convener, Dr Babita Majhi

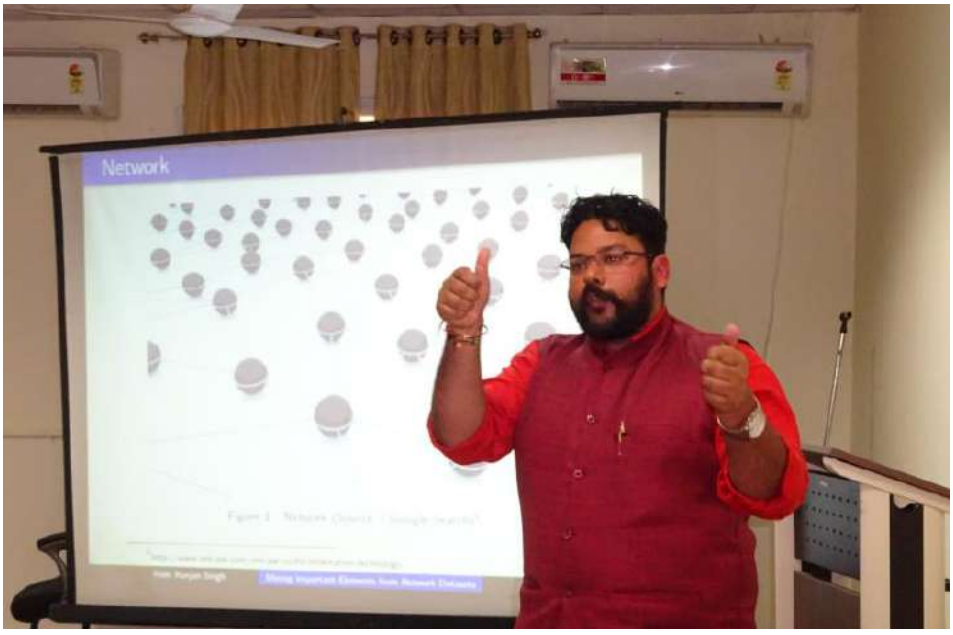
Technical Session

**Keynote lectures and Momento Giving Photos**

Momento to Keynote Speaker, Prof. G. Panda, IIT Bhubaneswar

Momento to Keynote Speaker, Dr. Tinku Acharya, MD, Videonetics

Lecture by Dr. Sujata Dash, Reader, North Orissa University Baripada




Lecture by Dr. Rishi Ranjan Singh, IIT Bhilai

Valedictory function and Certificate distribution

# Appendix-I

# PROGRAM SCHEDULE OF NCDAMLS- 2018

## Day 1- 15/02/2018

| SN0. | TIME | PARTICULARS |
|---|---|---|
| 1 | 9-10 AM | REGISTRATION, KIT DISTRIBUTION |
| 2 | 10-11 AM | INAUGURAL SESSION |
| 3 | 11-11:30 AM | HIGH TEA |
| 4 | 11:30-12:30 PM | KEYNOTE ADDRESS - 1<br>(by Prof. G. Panda, FNAE, FNASc., IIT Bhubaneswar)<br>Topic : Machine learning techniques and data analytics-overview and applications |
| 5 | 12:30-1:30PM | KEYNOTE ADDRESS -2<br>(by Dr. Tinku Acharya, Fellow IEEE, FNAE<br>Founder and MD, Videonetics Technology Pvt. Ltd., Kolkata)<br>Topic : Video IOT |
| 6 | 1:30- 2:30 PM | LUNCH |
| 7 | 2:30- 4:00 PM | TECHNICAL SESSION-I |
| 8 | 4- 4:15 PM | TEA BREAK |
| 9 | 4:15-6:00 PM | TECHNICAL SESSION-II |

## Day 2- 16/02/2018

| SNO. | TIME | PARTICULARS |
|---|---|---|
| 1 | 9.30– 11am | TECHNICAL SESSION-III |
| 2 | 11am-12noon | INVITED TALK-1<br>(By Dr. Sujata Dash, North Odisha University)<br>Topic : Unsupervised learning – A text document clustering |
| 3 | 12noon – 12.15pm | Tea Break |
| 4 | 12.15pm – 1.15pm | INVITED TALK-2<br>(By Dr. Rishi Ranjan Singh, IIT Bhilai)<br>Topic : Mining important elements from network data |
| 5 | 1.30pm – 2.30pm | LUNCH BREAK |
| 6 | 2:30- 4.00 PM | TECHNICAL SESSION-IV |
| 7 | 4- 4:15 PM | TEA BREAK |
| 8 | 4:30- 5:30 PM | VELIDICTORY SESSION and CRTIFICATE DISTRIBUTION |

# Appendix - II

## List of Research Papers presented during different technical sessions the conference

## 15/02/2017

## TECHNICAL SESSION-1 (2.30pm to 4.00pm)

| | |
|---|---|
| *1* | Mining on relationship in big data era using Appiori algorithm<br>*Kamlesh Kumar Pandey, Diwakar Shukla and Ram Milan* |
| *2* | Start-up branding practices in Tamil Nadu: An exploratory study<br>*Saptadwipa Purkayastha, Sourav Purkayastha and Vikas Bhatnagar* |
| *3* | Ghost shopping: Bridging the gap between customer and company<br>*Sriya Pradhan, Vineetha Pola and Vikas Bhatnagar* |
| *4* | Security and privacy challenges in big data<br>*Ram Milan, Kamlesh Kumar Pandey and Diwakar Shukla* |
| *5* | A study of performance evaluations of hybrid intrusion detection system models<br>Rechal Pradhan, Reshamlal Pradhan, Deepak Kumar Xaxa |
| *6* | Evaporation estimation using recurrent artificial neural network – A case study for Chhattisgarh plains region of east central India<br>*Diwakar Naidu and Babita Majhi* |
| *7* | Development and performance evaluation of artificial neural network model for runoff estimation<br>*Bhupendra Dhankar, Jitendra Sinha* |

## TECHNICAL SESSION -2 (4.15-6pm)

| | |
|---|---|
| 1 | Internet search engine: performance evaluating the google, yahoo and bing web search engine based on their searching capabilities<br>*Narendra Pradhan and Kamlesh Kumar Pandey* |
| 2 | Animated character facial recognition using fusion method<br>*Tarun Jaiswal and Sushma Jaiswal* |
| 3 | Higher education in India: growth prospects and the role of ICT in admission process<br>*Deepak Kumar Pandey and Pushkar Dubey* |
| 4 | Data analytics & cloud computing<br>*Manju Banerjee* |
| 5 | A look at recent innovations in artificial intelligence |

| | |
|---|---|
| | *Prastavana* |
| 6. | An enhance the security-based algorithm based on the global positioning system to secure the server data via satellite mechanism<br>*Devendra K. Singh* |
| 7 | Machine learning methods for classifying human physical activity and sports<br>*Sravan Kr. Singh Yadav and Surendra Kumar* |

## Date : 16/02/2018

## Technical Session – III (9.00am-11am)

| | |
|---|---|
| 1 | Optimizing recruitment and personnel selection in organizations using soft computing techniques<br>*Kiran Sahu and Harsha Sahu* |
| 2 | Fully computerized system or advanced robot or AI machine<br>*Brijesh Kumar* |
| 3 | A proposed system concept on enhancing the encryption and decryption method using USB mass storage device<br>*Anand Prakash Rawal, Vishal Kumar, Abhishek Kumar Sinha and Madhurendra Purbay* |
| 4 | Approximate solutions to structural problems using B-spline collocation technique<br>*Deepak Mahapatra, Anurag Singh Tomer, Anil Kashyap & Aryak Shori* |
| 5 | Predicting successful numbers of new products a study on manufacturing sector firms<br>*Vikas Bhatnagar and Ritanjali Majhi* |
| 6 | Identification of parameters affecting new product development in manufacturing sector<br>*Vikas Bhatnagar and Ritanjali Majhi* |
| 7 | Effect of climate variability on agriculture using regression analysis<br>*Rajesh Kalli, Sunil Khosla, Pradyot Ranjan Jena* |

### Technical Session – IV (2.00pm-4.30pm)

| | |
|---|---|
| 1 | An adaptive RFLANN model with PSO based training for Forex prediction<br>*C.M.Anish, Babita Majhi and Harendra Bikrol* |
| 2 | A literature review: mobile security<br>*Sejal Mishra* |
| 3 | A comparative study of Govt. & Private Schools on usages and non-usages of multimedia with respect to performance in special education |

| | |
|---|---|
| | *Manisha Vijay Vargiya* |
| 4 | Face detection using multi threshold features<br>*Amitesh Kumar Jha and Sushma Jaiswal* |
| 5 | Recognition of Odia Vowels using Clonal Selection Algorithm Based FLANN Model<br>*Pushpalat Pujari and Babita Majhi* |
| 6 | A study of the bagging technique on the Breast cancer data set<br>Nishant Behar |
| 7 | Scalable progressive analytics on big data in the cloud<br>*Piyush Gupta* |
| 8 | Robust adaptive filtering based on new improved variable step size affine projection sign algorithm<br>*Pradeep Mishra, Satyanarayan Panda and Krishna Rout* |
| 9 | An incremental distributed active noise control system for impulse noise cancellation<br>*Ruchi Kukde, M. Sabarimalai Manikandan and Ganapati Panda* |
| 10 | Exchange rate prediction using convolution neural network<br>*Akshay Nambiar and Ganapati Panda* |

**Report on**

**Tree Plantation on 10/08/2018**

**Department of CSIT, GGV, Bilaspur, C.G**

Department of CSIT organized Tree Plantation Programme on 10/08/18 at 12:00 noon in CSIT premises. The main aim of this programme was to spread and create awareness among the students to protect the environment from degrading. The programme started with an influential speech from Dean School of mathematical and computational Science followed by H.O.D on the effects of global warming and the importance of trees in our lives. The program further followed by faculty members, staff members and students from each semester planting saplings in the CSIT department. The students and teachers selected the empty places of CSIT department to plant saplings in a well-organized and systematic way. The saplings were arranged by faculty members, staff members and students of CSIT department. About 50 trees were planted which are of different species. The name of the trees are listed as: mango tree,jamun tree, guava tree, litchi tree, banana tree,kachnar, kanak Champa, Neem,deb-daru etc. Especially the students were highly enthusiastic to make it a big success. The students planted saplings, and fenced them and watered the plants. The programme created a great awareness among the students.

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**Department of CSIT, GGV, Bilaspur, C.G**

**Alumni Report-2018**

The alumni meet was conducted on 07/09/2018, from 2:00 pM to 5 PM. 56 alumni from 16-17, 17-18 passed out students from different years attended the meet. Departmental alumni coordinators Kiramn Sahu and Amites Jha, Nripendra Trivedi welcomed alumni and spoke about the communications done to gather alumni. HOD welcomed and briefed the department progress, highlighted the department activities and facilities available in the department like lab facilities, teaching learning with projectors, student forum, placement activities, mentoring system etc. The passed out students expressed their sincere gratitude to the teaching and non teaching staff members of CSIT department. The Vote of thanks was given by Ashwani Tiwari student of MCA-III semester. Some cultural programmes were performed by the alumni members and the final year students. This was followed by refreshment. The entire programme came to an end by a photo session by around 5 pm. 74 numbers of students attended the meeting and enrolled in department alumni meeting.

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**Department of CSIT, GGV, Bilaspur**

**Report on Swachhata Pakhwada(10/09/18)**

With great zeal and enthusiasm, the Swachhata Pakhwada started in CSIT on **10/09/18** in CSIT department at 3:00 pm.

Some of the cleanness activities conducted during the Swachhta Pakhwada are listed below:

1. The teaching and non teachning staff of our department cleaned the office premises, labs and garden.

2. Removal of unwanted things from each room, computer lab, office was carried out.

3. Tables and chairs of each room were properly cleaned.

4. The main gate area and roof top of CSIT department was cleaned

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**Report on**

**Martyr's Day or Shaheed Diwas on 30/01/2019**

**Department of CSIT, GGV, Bilaspur, C.G**

Martyr's Day or Shaheed Diwas was celebrated at CSIT department on 30th January 2019 to pay honour to those who have sacrificed their lives in the India's freedom struggle. All faculties, staff members and a large number of students were present to celebrate the programme. The programme was started with an influential speech by Dean, School of mathematical and computational Science regarding the Marty's day or Shaheed Diwas and scarification of freedom fighters. The students were informed regarding the contribution of our brave leaders who braced the storm of the British Raj and ushered in the dawn of freedom. All remembered their courage as well as the dedication towards the nation. Two minutes of silence was observed by the faculty, staff members and students to pay tribute to Mahatma GandhiJi and all freedom fighters.

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**Format for Anti-Terrorism Day May21, 2019 Report**
**(Not more than one page)**
**(Times New Roman; font size 12; paragraph spacing 1.0)**

| | |
|---|---|
| Name of School | School of Mathematical and Computational Science |
| Department | Computer Science and Information Technology |
| Activities Pledge **(Compulsory)** | Department of CSIT has celebrated Anti-Terrorism Day on 21 st May, 2019. All the teaching and non-teaching staff members assembled at 10:00AM in CSIT Computer LAB – I. HOD of CSIT department shared a message followed by observance of the pledge ceremony. The pledge was taken by faculty members and staff members to fight the force of disruption threatening human lives and values. The staffs discussed the threat of terrorism, how to face terrorism and the importance of being socially responsible citizen. |
| Any other activity/activities as mentioned in UGC letter | Report (Maximum 200 Words) and Photograph |

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# Department of CSIT, GGV, Bilaspur, C.G

## Report on

## Tree Plantation on 27/08/2019

Department of CSIT organized Tree Plantation Programme on 27/08/19 at 12:00 noon in CSIT premises. The main aim of this programme was to spread and create awareness among the students to protect the environment from degrading. The programme started with an influential speech from Dean School of mathematical and computational Science followed by H.O.D on the effects of global warming and the importance of trees in our lives. The program further followed by faculty members, staff members and students from each semester planting saplings in the CSIT department. The students and teachers selected the empty places of CSIT department to plant saplings in a well-organized and systematic way. The saplings were arranged by faculty members, staff members and students of CSIT department. About 50 trees were planted which are of different species. The name of the trees are listed as: mango tree,jamun tree, guava tree, litchi tree, banana tree,kachnar, kanak Champa, Neem,deb-daru etc. Especially the students were highly enthusiastic to make it a big success. The students planted saplings, and fenced them and watered the plants. The programme created a great stir among the students.

WELCOME
TO

Plant Fest 2k19
Date: 27/06/2019

# Department of Computer Science & Information Technology
## संगणक विज्ञान एवं सूचना प्रौद्योगिकी विभाग

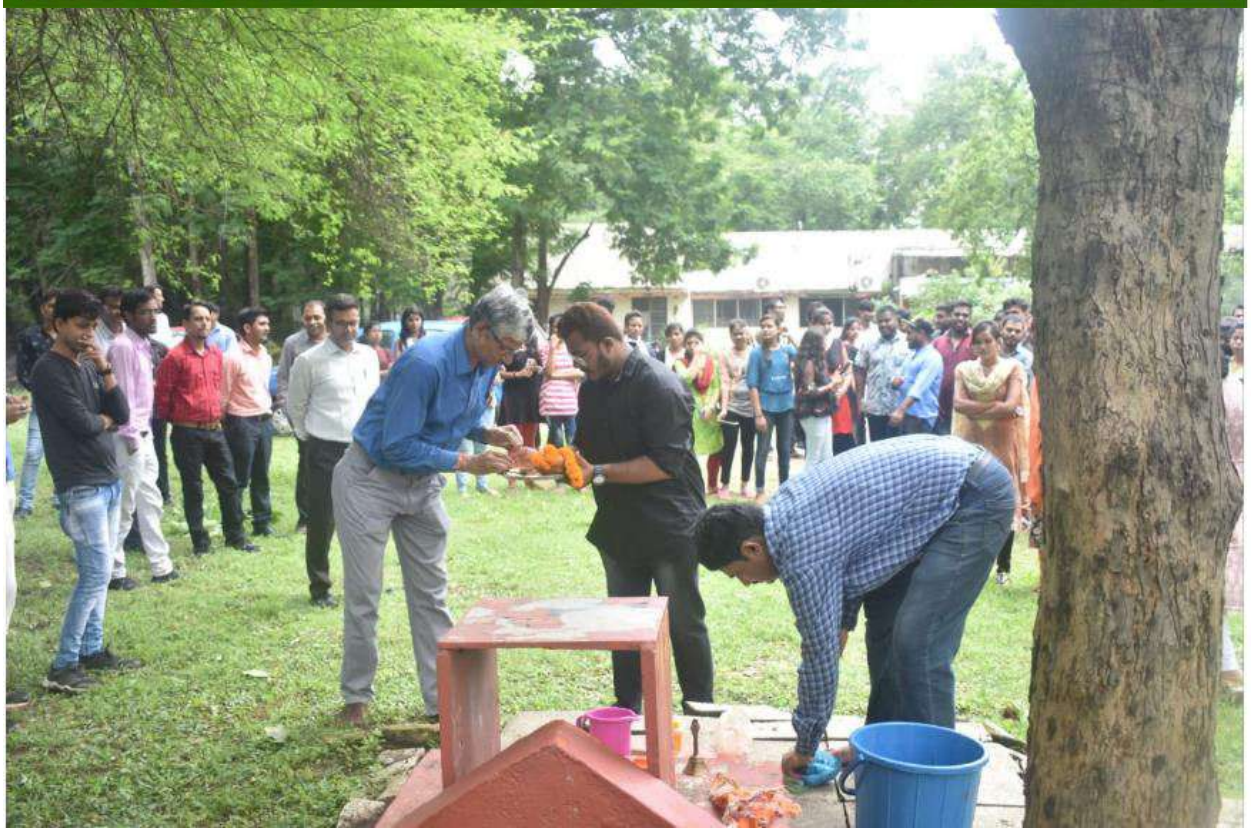
Welcomes you all

# Plant Fest 2k19
## वृक्षारोपण उत्सव २०१९

Inspired by

## Swachh Bharat Abhiyan
## स्वच्छ भारत अभियान

**Date:- 27/08/2019**



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**Report on Swachhata Pakhwada**

**Department of CSIT, 29/01/2020**

With great zeal and enthusiasm, the Swachhata Pakhwada started in CSIT on 29/01/2020 in CSIT department from 12:00 pm on wards. The main purpose of this programme was to create awareness among the students, staffs and faculty members regarding Cleanliness and its benefits. The programme was started by cleaning the garden area. The staff-members, Research scholars and students of C.S.I.T department were made aware of the 'Swachhata Pakhwada by displaying writing 'Swachhata Pakhwada' . Extensive cleanliness drive was undertaken in and around the C.S.I.T Building from 12:00 PM onwards. Some of the cleanness activities conducted during the Swachhta Pakhwada is listed below:

1. The teaching and non teachning staff of our department cleaned the office premises, labs and garden.

2. Removal of unwanted things from each room, computer lab, office was carried out.

3. Tables and chairs of each room were properly cleaned.

4. The main gate area and roof top of CSIT department was cleaned.

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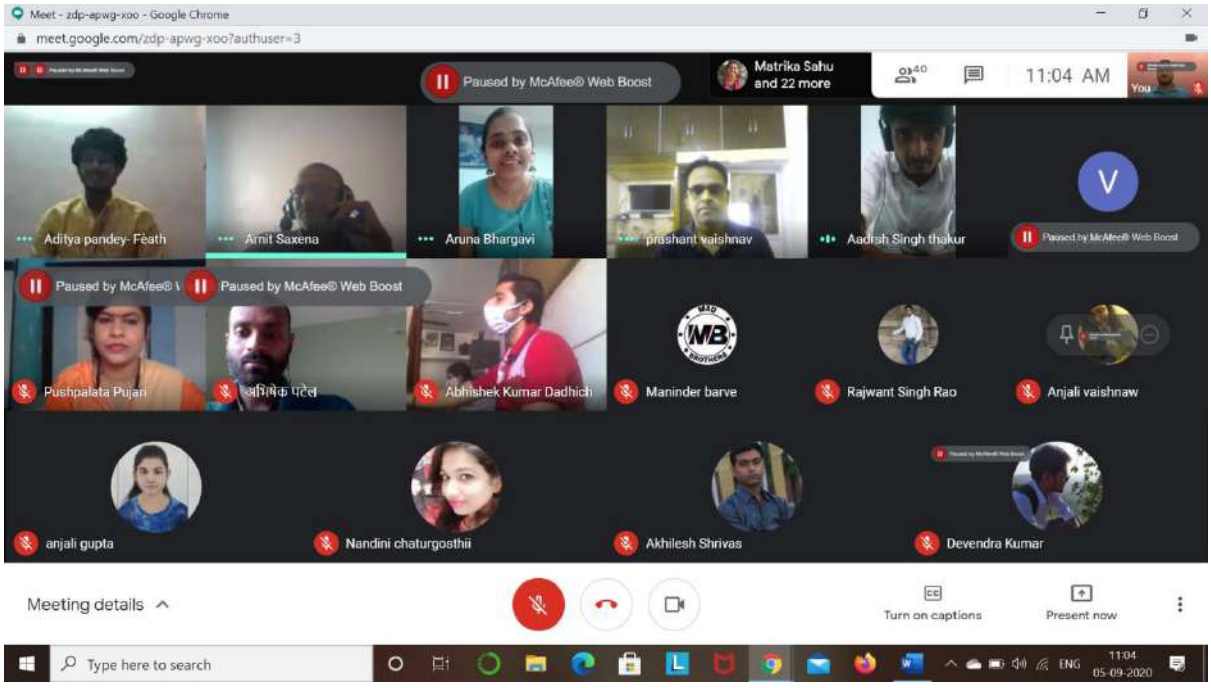
**Guru Ghasidas Vishwavidyalaya (A Central Uinversity) Bilaspur C G**

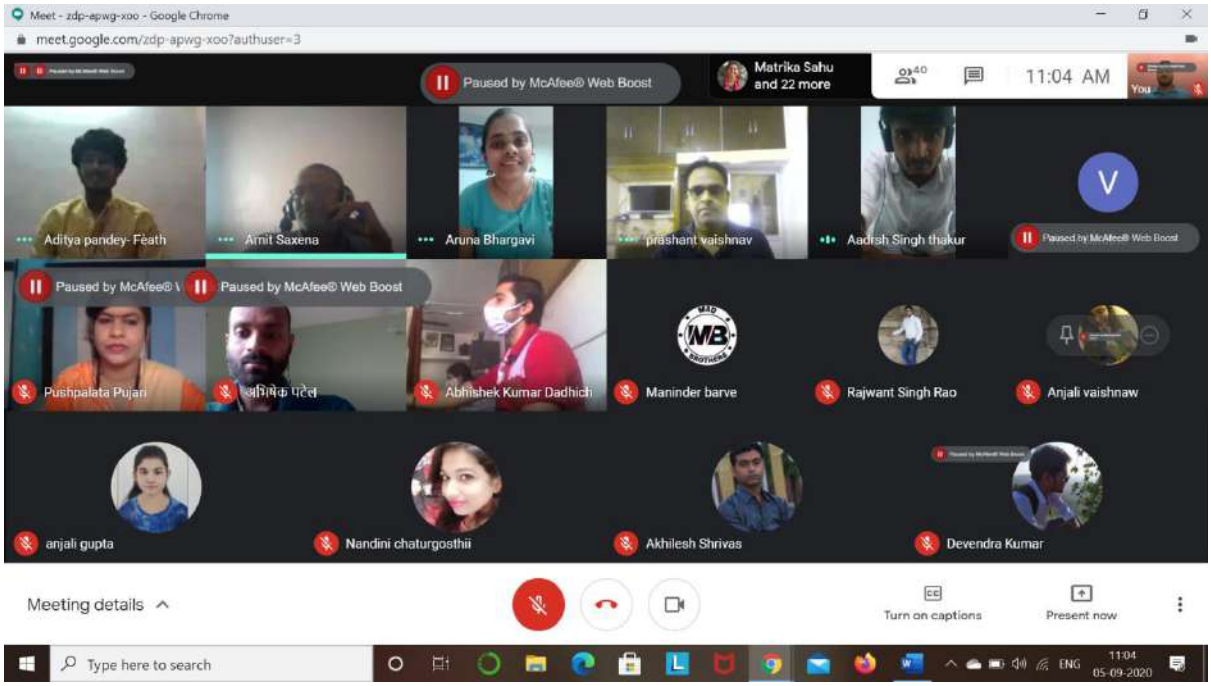
**Department of Computer Science and Information Technology**

**Teacher's Day Celeberation (Online Mode) on 05 Sep 2020**

**Report**

Students of CSIT every year celeberete "TEACHER'S Day" on the ocassion of birthday of Dr Sarvpalli Radhakrishnan at department ,due to pandamice COVID-19 in this year the event was celeberated in online mode using Google Meet, 75 students were participate in the event. Todays event become memory for forever with presence of Dean,Hod, faculty members and all other staff member. Students were share the experience with pandmice situation and how they get self motivated during COVID-19 to learn new subjects. Dr. A K Saxena dean of school said that all teachers are comitted for students and always ready to help their students. Teacher's day in real mamner become memorable because student and teacher both disccus about New Education Policy 2020. The glimpse of the NEP-2020 was presented by Dr Pushpalata Pujari infrom of students.

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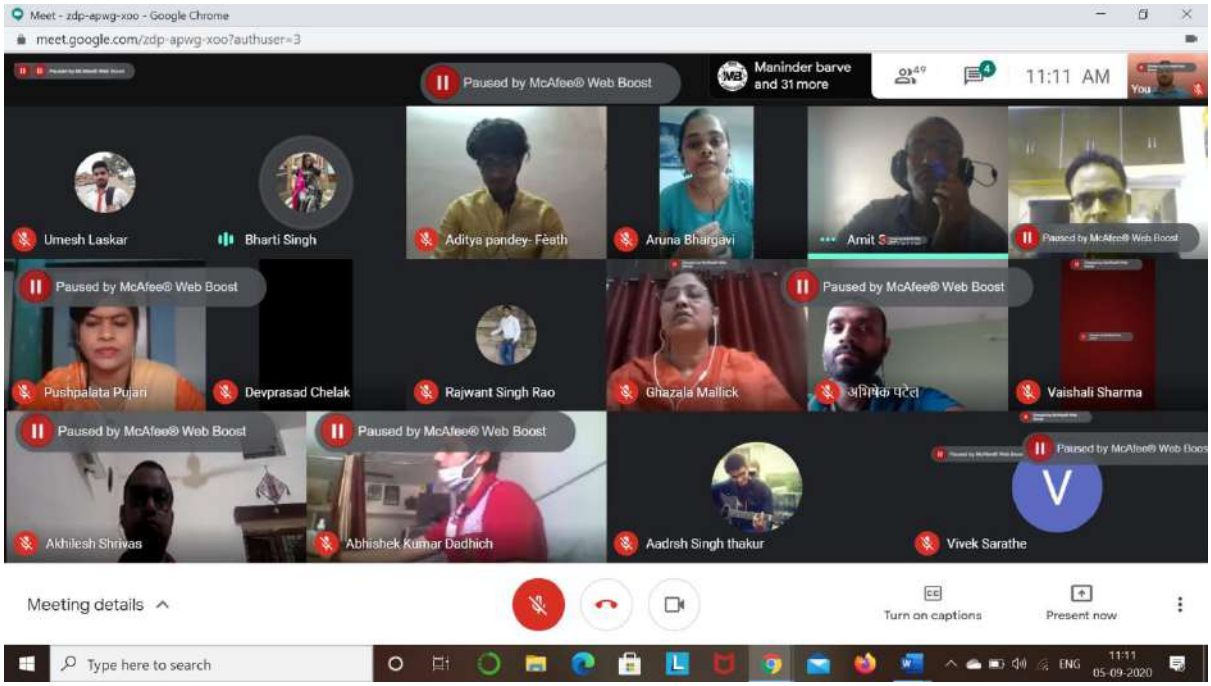
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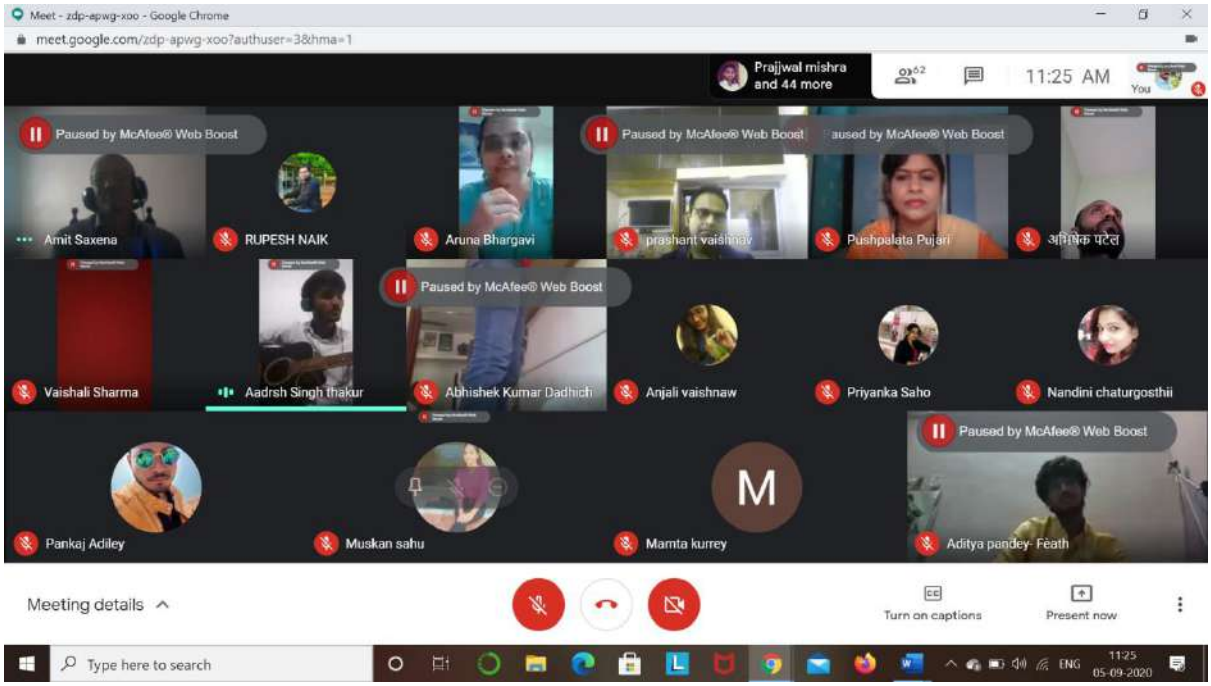
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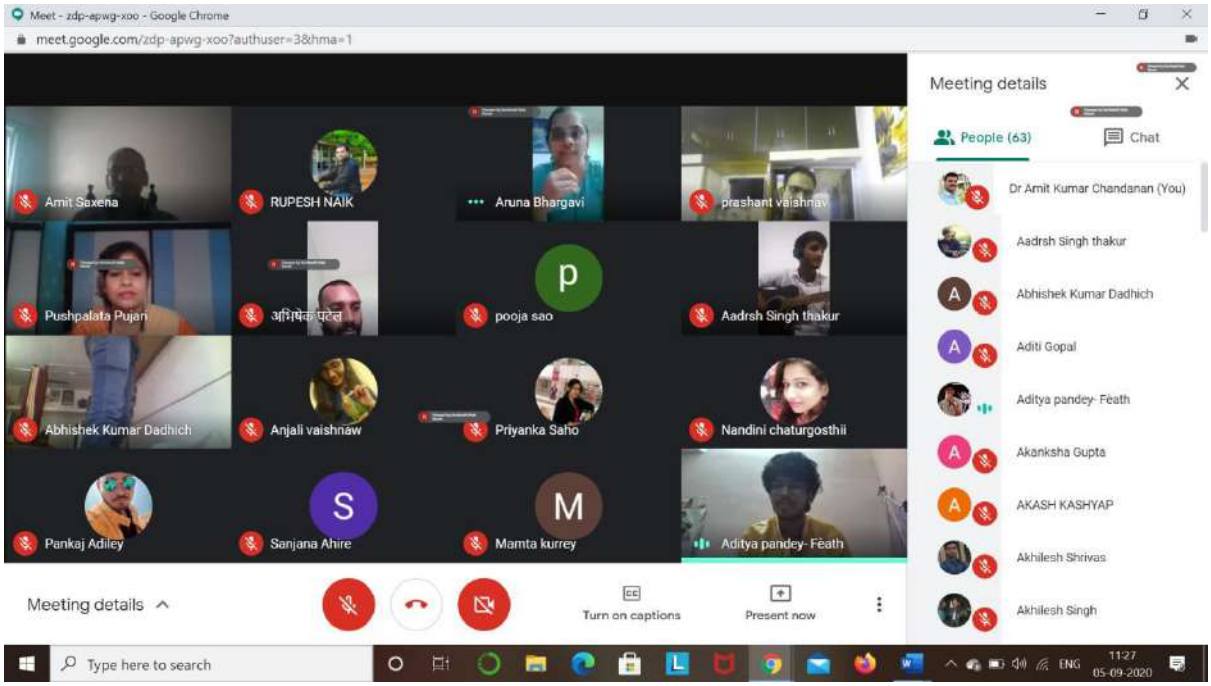


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29/10/2018

# GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR

(A Central University established by the Central University Act 2009 No. 25 of 2009)

## Department of Computer Science and Information Technology

## Expert Lecture on Artificial Intelligence and Robotics

**By**

**Prof. Laxmidhar Behera,FNAE, IIT, Kanpur**

**Date : 29-10-2018**

1. **Expert lecture delivered by Prof. Laxmidhar Behera, FNAE, IIT, Kanpur on "Artificial Intelligence and Robotics" on 29/10/18.**

**2.Expert lecture delivered by Prof. Ujal Mallik, FNAE, Jadavpur University,Kolkota on " Recent Trends in Computer Science Research, 29/03/19**

**3. Expert Lecture** delivered by Prof. Sanjay Kumar on “Parallel Processing” on 08/08/2019

# GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

(A Central University established by the Central University Act 2009 No. 25 of 2009)

## Department of Computer Science and Information Technology

Ref No: 1459 /CSIT/2019 Date: 24-09-2019

Dr. Sanjay Kumar,
Professor and Head,
School of Studies in Computer Science,
Pt. Ravi Shankar Shukla University,
Raipur (C.G.)

**Subject: Letter of Appreciation for Expert Lecture**

Dear Sir,

Thank you very much for delivering an informative lecture on **"Parallel Computing"** held on 08/08/2019 at department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur.

It was really a splendid presentation which exposed students to the latest trends of research work in the field of Parallel Computing.

All the students appreciated and got benefited from your lecture on the subject.

Looking forward for your cooperation in the future as well.

Yours Sincerely,

24/9/19

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DEPT OF CSIT
G.G.V. BILASPUR (C.G.)

Mrs. Pushpalata Pujari,
HOD, Department of CSIT,
GGV, Bilaspur, C.G

Tel- 07752-260356, 260209 Fax: 07752-260148

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