

SOP for Cluster Forum

Introduction:

Cluster is a student forum of Department of Computer Science of our institution. This forum strives towards the overall development of the students through organizing various activities focusing on creative thinking, to enhance skills of facing the challenges of real world and to helps them to explore the real business scenario. Along with strengthening the academic background of the students, it aims to provoke innovative inquisitive mind of the students. Cluster forum has come into existence during 2012 and it comprises of Chairperson, Coordinator, Members, Student President, Student Vice-President and Student Secretary.

Cluster forum conducts various invited special talks, workshops, industry visits, presentations and innovative inter-class competitions to help students in enhancing their creative ability, build skills required to develop prospective career, help them to improve their conceptual application ability and encourages students to participate in various co-curricular activities/ fests organized by other colleges in and around of Shimoga.

Objectives:

1. To enhance required skills of students for the competitive world.
2. To develop entrepreneurship skills among students.
3. To improve leadership qualities and communication skills.
4. To conduct events such as intra and inter-college/class competitions to enhance overall development.
5. To provide an platform to the students of the Institution to exchange their views and thought among themselves on technology.
6. To provide a forum to the students to inculcate their inquisitiveness.



Composition of the Cluster Forum for the AY 2019-20:

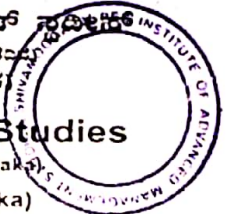
Sl. No.	Name	Designation	Signature
1.	Dr. K. Sailatha, Principal	Chairperson	<i>K. Sailatha</i>
3.	Mrs. Ashwini E M , Assistant Professor	Coordinator	<i>Ashwini E M</i>
4.	Mrs. Ms. Roopa D. S., HOD	Member	<i>Roopa D. S.</i>
5.	Mr. Rangaswamy, H Assistant Professor	Member	<i>Rangaswamy H</i>
6.	SAMARTH , Final Year BCA	Student President	<i>Samarth</i>
7.	BINDUSHREE , Final Year BCA	Student Vice-President	<i>Bindushree</i>
8.	HARSHITH GL, Final Year BCA	Student Secretary	<i>Harshith GL</i>

Responsibility:

1. Coordinator conducts the meeting for the composition of the committee.
2. Chairperson, Coordinator and members of the forum select the students President, Vice-Present and student Secretary.
3. Chairperson, coordinator and members nominate 2 active students from each class for the post of active student members of the forum.
4. Coordinator identifies in house/ external judges to judge various interclass competitions.
5. Maintains the reports & documents of all forum activities.

Standard Operating Procedure (SOP):

1. Coordinator and students President, Vice-Present and Secretary will plan the list of the activities to be conducted in an academic year.
2. Coordinator will take formal permission to execute the plan of activities.



3. Coordinators will notify the activities to the students through the circular and encourages maximum participation in all the activities.
4. Coordinator ensures all the activities should be executed as decided and incorporated in calendar of event of the institution/as decided in the meeting.
5. Coordinator will take feedback of each event organized by the forum to know the quality of the event organized and if required, to enhance the quality of the programmes organized under the forum.

Abhinav D. M.
Forum Coordinator

K. S. Sathya
Principal
2/8/2019

PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204.



Date: 12/06/2019

To

Mrs. Ashwini E. M.
Assistant Professor
Department of Computer Science
PES Institute of Advanced Management Studies
Shivamogga

Season's greeting and warm wishes to you.

We are glad to inform you that you are nominated as coordinator of cluster forum for the AY 2019-20 and till further order. We hope you will feel happy being a part of it and contribute your inputs to enhance the quality of education by conducting curricular / co-curricular and extra-curricular activities for our students.

K. Sailatha
12/6/19

Dr. K. Sailatha

Chairperson

IQAC Cell, PES Institute Of Advanced Management Studies

Shivamogga.

Principal

PES Institute of Advanced Management Studies

NH 206, Sagar Road

SHIVAMOGGA-577 204

Received
[Signature]
13/06/2019.



ಪಿಇಎಮ್‌ಸಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಅಡ್ವಾನ್ಸೆಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸ್ಟಡೀಸ್

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸಂಯೋಜಿತವಾಗಿರುವ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮುಖ್ಯತೆ ಪಡೆದಿದೆ)

ಎನ್ ಹೆಚ್ 206, ಸಾಗರ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

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08182 - 640812

08182 - 640806

Website : pestrust.edu.in/pesiams

PES Institute of Advanced Management Studies

(Affiliated to Kuvempu University, Recognized by Govt. of Karnataka)

N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)




Date: 3/7/2016

To

Mrs. Ashwini E. M.
Assistant Professor
Department of Computer Science
PES Institute of Advanced Management Studies
Shivamogga

Season's greeting and warm wishes to you.

We are glad to inform you that you are nominated as coordinator of cluster forum for the AY 2016-17 and till further order. We hope you will feel happy being a part of it and contribute your inputs to enhance the quality of education by conducting curricular / co-curricular and extra-curricular activities for our students.


Mr. Nagaraja S R

3/7/2016

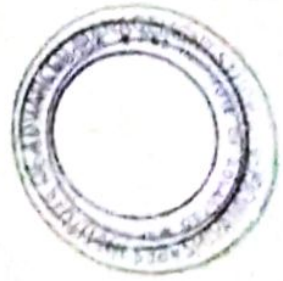
Principal
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Shivamogga.

Principal

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N H-206, Sagar Road, Shivamogga - 577 204 (Karnataka)

Date: 12 /06/2018

To
Mr.
Prashanth Kumar R.
Assistant Professor
Department of Computer Science
PES Institute of Advanced Management Studies
Shivamogga

Season's greeting and warm wishes to you.

We are glad to inform you that you are nominated as coordinator of cluster forum for the AY 2018-19 and till further order. We hope you will feel happy being a part of it and contribute your inputs to enhance the quality of education by conducting curricular / co-curricular and extra-curricular activities for our students.

Received.

*Prashanth Kumar R
12/06/2018*

 12/06/2018
Mr. Nagaraja S R

Principal
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Shivamogga.

Principal

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Phone : 8147053085

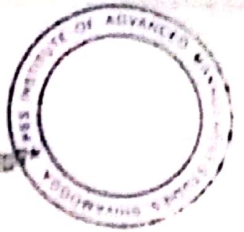
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(Kannada: ಡಿಜಿಟಲೈಸೇಷನ್ ಮತ್ತು ಇನ್ಫರ್ಮೇಷನ್ ತಂತ್ರಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿ)
ಎಸ್ ನೆಂ 206, ಸಾಗರ್ ರಸ್ತೆ, ಶಿವಮೊಗ್ಗ - 577 204 (ಕರ್ನಾಟಕ)

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Date: 18/07/2019

Circular

This is to inform all students of **BCA** and faculty, that a guest talk on “**Cloud computing** ” has been organized by **CLUSTER** forum on **18/07/2019** from **2.30 PM to 3.30 PM** . Further, all students and faculty (free from class engagement) are informed to attend the guest talk compulsorily.

Coordinator

Head of the Department
18/7/2019
HOD

Head of The Department
Department of Computer Science
PES Institute of Advanced Management Studies
SHIVAMOGGA

K. Sailatha
18/7/2019
Principal

Principal

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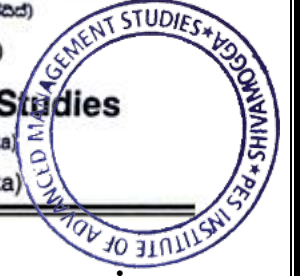
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Two days Workshop on Machine Learning using Python Programming

13-2-2020 & 14-2-2020

A 2-DAY Workshop on “Machine Learning using Python Programming”, Organized by BCA department , PESIAMS , Shimoga on 13-2-2020 & 14-2-2020. Dr. Likewin Thomas , Associate Professor , CSE department with the team as a resource person for workshop . He specially focused on practical hands on session. For practical sessions the software tool kit was provided to participants. The trainer explained the basic theoretical concepts about Artificial Intelligence (AI), Machine Learning (ML) and Data Science (DS) and demonstrated the python software’s .

Workshop outcome:

- Understand components of a machine learning algorithm.
- Apply machine learning tools to build and evaluate predictors.
- How machine learning uses computer algorithms to search for patterns in data .
- How to uncover hidden themes in large collections of documents using topic modeling.
- How to use data patterns to make decisions and predictions with real-world examples.
- How to prepare data, deal with missing data and create custom data analysis solutions for different industries.
- Familiarity with Python installation, syntax and design
- Familiarity with machine learning algorithms:
- Basic and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming.

Our students learnt basic knowledge on Machine learning, Python programming, knowledge on coding and mathematics necessary for building expertise in AI/ML to learning to translate real-world problems in terms of AI/ML abstractions and learnt about and apply standard AI/ML algorithms to create AI/ML applications along with implementation of practical solutions.

The workshop was very interactive and informative for students. At the end of the workshop Mr. Likewin Thomas conducted a competition for students, and in that 08 students won the competition .All the participants are given certificates for their active participation.

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Principal

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K. J. Sailatha
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Principal
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CLUSTER Forum Event
“CLUSTER SHINE”
16/01/2020

The BCA Department organized “Cluster Shine” event to identify the innovative skills in all BCA students.

Rules for the event:

1. The entire event is divided into two rounds , initial round and final round. This is a team event. So a team of four members is required for participation.
2. The registered teams would be divided into groups which will participate in the initial round and judges are allotted to that respective group.
3. The qualified teams will further move to the final round and results of final round will decide the winners.

This competition follows 2 Rounds:
Round 1

In initial round a group of team will pick a topic randomly from the provided list of topics and each topic will be dealing with an issue whether it might be social, environmental or political issue .Once a group has picked a topic then they have to start the discussion on that topic and which ever team addresses the issue correctly and draw best possible arguments will emerge out as winner.

Round 2

In final round qualified teams should pick a product randomly from provided chits. After picking the chit they will have five minutes to prepare or browse through the internet and after that they have to do the marketing of that product in front of the judge. Based on their communication skills and how efficiently they present their product within the given time , winner of this round will be decided.

Objectives of the event:

1. Group discussion is a prevalent tactic used as an important tool for improving personality assessment. .
2. Understanding the time management, The ability to convince others and group involvement.
3. To develop interpersonal skill.


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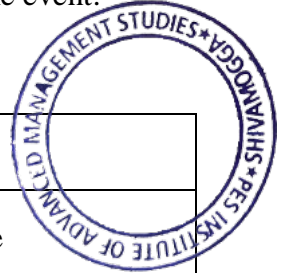
2019-20

Overall performance of our students was appreciated by one and all. For this exciting event 18 teams (4 students per team) had participated and three teams got first, second and third prizes respectively, the details are given below in the table form.

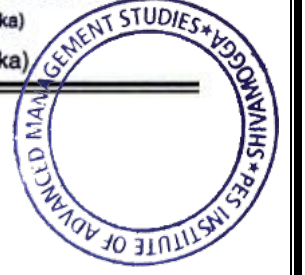
Ms. Rosy Sequira, Co-ordinator, PESPS , Ms. Deeksha Kamath, Assistant Professor, PESITM, Dr. Praveenchandra and Ms. Anitha C B Kannada department were the judge for the first round , Dr. Nagaraja S R , M.com Coordinator was judge of the last round of the Cluster shine event.

Prize Winners are as follows:

Sl. No	Name	Group name	Class and Course	Prize
1	Nayana V and team	Black berry	IV sem , B sec	I Prize
2	Loyala D'souza and team	Apple	II sem , A sec	II Prize
3	Poul Shreyas and team	One plus	VI sem, B sec	III Prize



K. S. S. S.
Principal
Principal
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“Guest Talk” on “Machine Learning”

By Mr. Sunil M E, Assistant Professor, CSE Department, PESITM, Shivamogga

13-01-2020

A guest talk was arranged on “Basic Machine Learning” for final year BCA students. The resource person started his talk by sharing his knowledge on overview, importance, basics and technological aspects used in machine learning. He also enlightened the students that the machine learning has become basic requirement in technology, and he also shared his experience as how programming language is also important in this technology.

He concluded the session by motivating the students to explore in the field of Corporate, and how the machining applications are being used in daily life. He suggested the students to develop small applications on their own using new technologies.

The talk was followed by an interactive session. The talk has proven to be very inspiring and informative for the students.

Dr. K.Sailatha, Principal, Ms. Roopa D S, HOD, Ms. Ashwini E M, Co co-ordinator Computer Science Department, and faculty members of Computer Science Department were also present. Final year student, Ms. Stella Saji John welcomed the Guests and Ms. Ashwini E M coordinator proposed Vote of thanks on the occasion.



K.Sailatha
Principal

2020-2021



K. S. Saitalaha

Principal
Principal

PES Institute of Advanced Management Studies
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Report on**“Computer Awareness Program”**

CLUSTER and NSS forums of PES Institute of Advanced Management Studies jointly had organized a **“Computer Awareness Program”** for Government Primary School, Srirampura, Sagar Road, Shivamogga for Seventh standard students on 07-12-2019 from 11.00 AM to 12.30 PM. The program was initiated to create the awareness of Computers since their usage have almost become Omni present and a part of every bodies daily lives and also important in the field of education.

Dr. Sudharshan G. M., HOD, Commerce and Management Department, welcomed the gathering and Dr. K. Sailatha, Principal, gave valuable suggestions about future goals and also insisted the students that any future guidance in education will also be provided by the Institution. Mrs. Roopa D. S., HOD, Computer Science Department, and faculty members of Computer Science Department were also present.

Mr. Rangswamy H., faculty member of Computer Science department gave a session on the basic knowledge and working of computers the session was interactive. The students were also given basic practical knowledge of MS Word in Computer science lab from the faculty members of department. The session has proven to be very inspiring and informative for the students.

Learning Objectives:

- Understanding the basic structure and functioning of input, output and storage devices such as monitor, keyboard, mouse, speaker, hard disk, CD drive, scanner and printer.
- Acquire intuitively the ideas of how computer works, acquire mouse skills such as move, click, double click and drag & drop.
- Operate computer systems in Windows environment and get familiar with basic MS Word.

Learning outcomes:

- Students got the basic idea about computer and computer peripherals.


Principal

2019-20

- The presentation incorporated with supportive images and the students were shown the real hardware components of computer. Students interacted with the faculty member and clarified their doubts.
- Students were motivated positively with the animation video of computer.



K. S. Saitalaha
Principal
Principal

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CLUSTER Forum Event

“TECHNO-HUNT AND FLASH-TALK”

04-09-2019

The BCA Department organized “Techno-Hunt and Flash-Talk” event to identify the innovative skills in all BCA students. Overall performance of our students was appreciated by one and all. For this exciting event 25 teams (3 students per team) had participated and three teams got first, second and third prizes respectively and the details are as follows. Mr.Vinay S K Assistant Professor, ISE department judge the last round of Techno hunt and flash talk event.

This competition Consisted of 3 Rounds:

Round 1 – Picture Hunt

Identification of Company logos and founders of company.

Round 2 – Techno Word

One word questions were asked.

Round 3 – Flash Talk

In this round a member of team should speak 5 minutes on a given topic without break.

Objectives of the event:

1. To improve the corporate knowledge.
2. Understanding the time management and group involvement.

Prize Winners are as follows:

Sl. No	Name	Group name	Class and Course	Prize
1	Samarth S Rao Thakshak S Prajwal Saraf	OPPO	V Sem, B-Sec	I Prize
2	Loyola D’Souza Umme Salma	BLACK BERRY	V Sem, A-Sec	II Prize

K. S. Balakrishna
Principal
PES Institute of Advanced Management Studies
NH 206, Sagar Road
SHIVAMOGGA-577 204

3	Harshith G L Shoaib Khan Megharaj S	MOTOROLA	V Sem, A - Sec	III Prize
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K. S. Srilakshmi
Principal

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2019-20



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“Guest Talk” on

“Cloud Computing”

By Dr. Pramod P, Associate Professor, ISE Department, PESITM, Shivamogga

20-07-2019

A guest talk was arranged on “Basic Cloud Computing Technology” for all the BCA students. The resource person started his talk by sharing his knowledge on overview, importance and technological aspects used in cloud computing. He also enlightened the students that the Cloud computing technology has become basic requirement to be learnt by them and also he shared his experience how programming language is also important in this technology.

The guest speaker gave some valuable tips to the students to take up online examinations as it carries good weightage in the job market.

He concluded the session by motivating the students to explore in the field of Corporate, how the top companies make use of the cloud applications. He suggested the students to develop small applications on their own using new technologies.

The talk was followed by an interactive session. The talk has proven to be very inspiring and informative for the students.

Dr.K.Sailatha, Principal, Mr. Nagaraja S R, M.com Co-Ordinator, Ms. Roopa D S, HOD, Computer Science Department, Dr.Sudarshan G, HOD of B.com & BBA and faculty members of Computer Science Department were also present. Final year students, Mr. Nikil A R welcomed the Guests and Ms. Stella Saji John proposed Vote of thanks on the occasion.

K.Sailatha
Principal

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K. S. Sailatha
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Principal
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