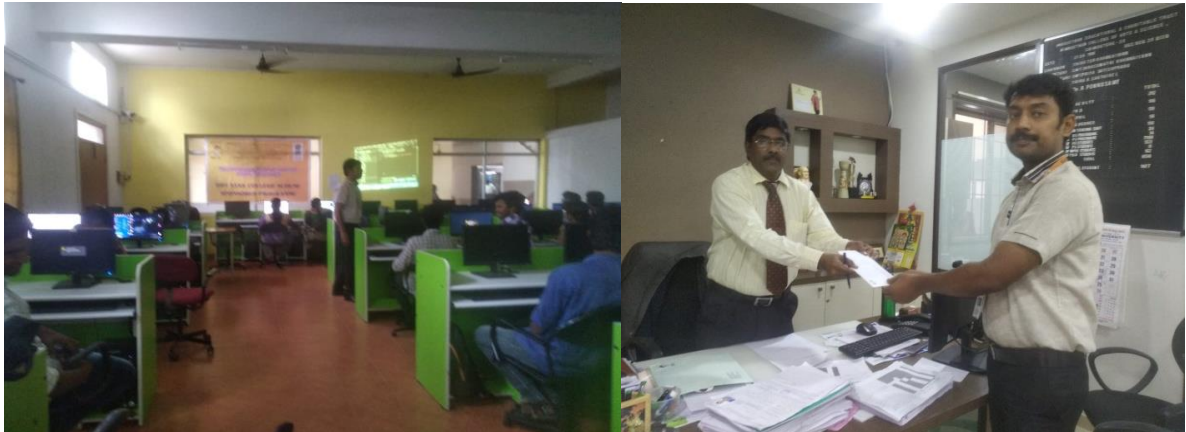


DBT STAR COLLEGE SCHEME

Student Events -2019-2020

**Hindusthan College of Arts and Science (Autonomous)
Departments of Computer Science
DBT star college scheme
Date: 16.10.2019 and 17.08.2019**

DBT Sponsored Two days Workshop on “Python Programming”



Two daysworkshop is organized for students on “Python Programming” by Department of B.Sc(CS), BCA, B.Sc(IT) and B.Sc(CT). Participants are from Microbiology, Biotechnology, B.Sc (CS/IT/CT) and BCA.Date: 16 and 17 Oct 2019Venue Session 1,2,3,4 : B Block Lab - 4

Resource Person:Mr.ShahulHameed,Software Developer

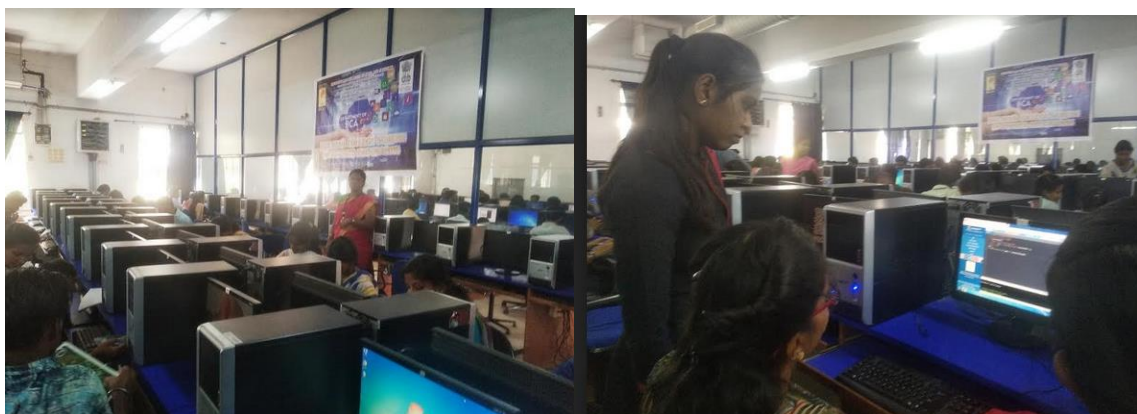
Point Perfect Technical Solutions (PPTS) Pvt.Ltd.,IT Park

Interdisciplinary Workshop Series Report

Date: 01.10.2019

A practical training and workshop on “Python Programming and Biopython” was conducted by the **Department of Computer Applications** under DBT star college scheme Interdisciplinary lecture series for beneficiary of students belonging to the Department of Microbiology. On 01.10.19.

Dr. S.Sasikala from the **Computer Applications** department gave a training session about the Python Programming and Biopython and topics were discussed more on the python and its scientific uses on Bioscience research and students were interacted with various aspects and worked individually on Python. Around 60 students participated.



Giving demonstration about the topic

Students having hands-on training



Python Hands-on training

The following topics were discussed during the session,

1. Programming environment
2. Introduction to Python
3. Python variables and operators
4. Python conditional and looping statements
5. Python programs
6. Biopython programs
7. DNA fraction
8. Pattern matching
9. Gene sequence mining
10. Biocomputing

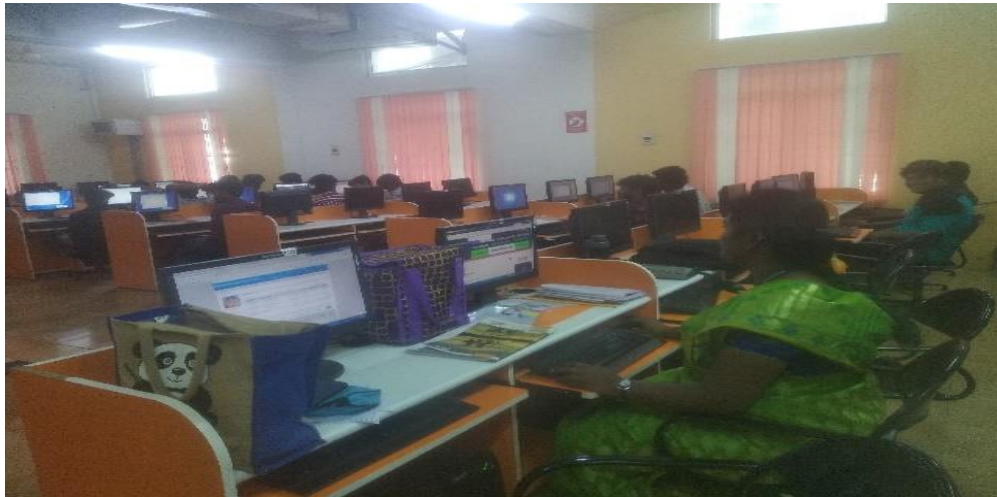
DBT star college scheme

Date: 16.12.2019

A lecture on “Biopython-hands on training” was conducted by the Department of BCA under DBT star college scheme hands on training for beneficiary of students belonging to the Department of Microbiology, Biotechnology and Mathematics On 16.12.2019, Dr. S.Sasikala from the BCA department and Ms.A.Gowri from IT department gave a brief lecture about the Python, Biopython and topics were discussed practical aspects and students were interacted with various programming scenarios.



Participants from STAR Departments



Working on biopython

Biopython is a set of freely available tools for biological computation written in [Python](#) by an international team of developers. It is a distributed collaborative effort to develop Python libraries and applications which address the needs of current and future work in bioinformatics. The source code is made available under the [Biopython License](#), which is extremely liberal and compatible with almost every license in the world.

International Seminar:

- An International Seminar was organized by department of CS/CA/IT//CT on 19.06.19. Mr. Prasanna Rathinasami, Director of Product Management IT, Palo Alto Networks, Santa Clara, California handled the session





First Session on “Customer Success in B2B: How AI & CRM Drives IT” and Mr. Arun RaajManickaraj, Founder & COE



- Orenda Social Enterprise, Coimbatore handled the next session on “Starts up-An Entrepreneurship”.

Hour of code:

Events was organized with collaboration with international society “Hour of code ”More than 500 students participated and 100 above participated in online programming skills test awarded with e-Certificate for PYTHON language. Chief Guest addressed the student and discussed about programming and skills programming language.

HINDUSTHAN
COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS) - CBE-641028
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

INVITATION

We cordially invite you for
the event

“HOUR OF CODE”
on
18th December 2019.

Chief Guests

Bharat Raj Kumar B
(Community Speaker)
Developer for Apple Platforms

Vijayakumar R
(Corporate Speaker)
Tech Lead
Refinement Software Solutions

Guests of honor:
Dr.A.Ponnusamy - (Principal)
Dr.R.Rangaraj-(HOD Computer Science)

Hour of **CODE**

Under the
aegis
of
GDG Coimbatore

“Anybody can learn!
Start hour of code
<http://code.org>”

VENUE:
F-BLOCK SEMINAR HALL
TIME:10:30 A.M

Scan for registration



Basic skills of Python Language:

- 27.06.19–A Seminar was organized on “Python Web Development”, by Gateway Solution .Session was about basic of python language more than 25 students participated



Communication skills:

Seminar on communication skills to make students aware of interviews, Group discussion etc.50 students participated the event.

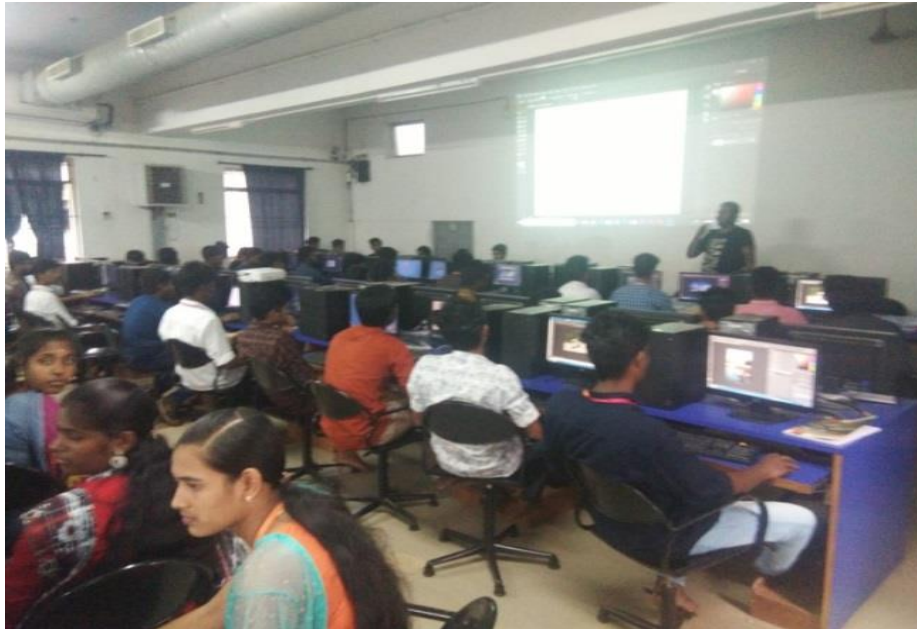
PHP-Word Press:

– A Seminar was organized on “Word press”, by Prime Solutions Ltd Coimbatore.50 students participated.



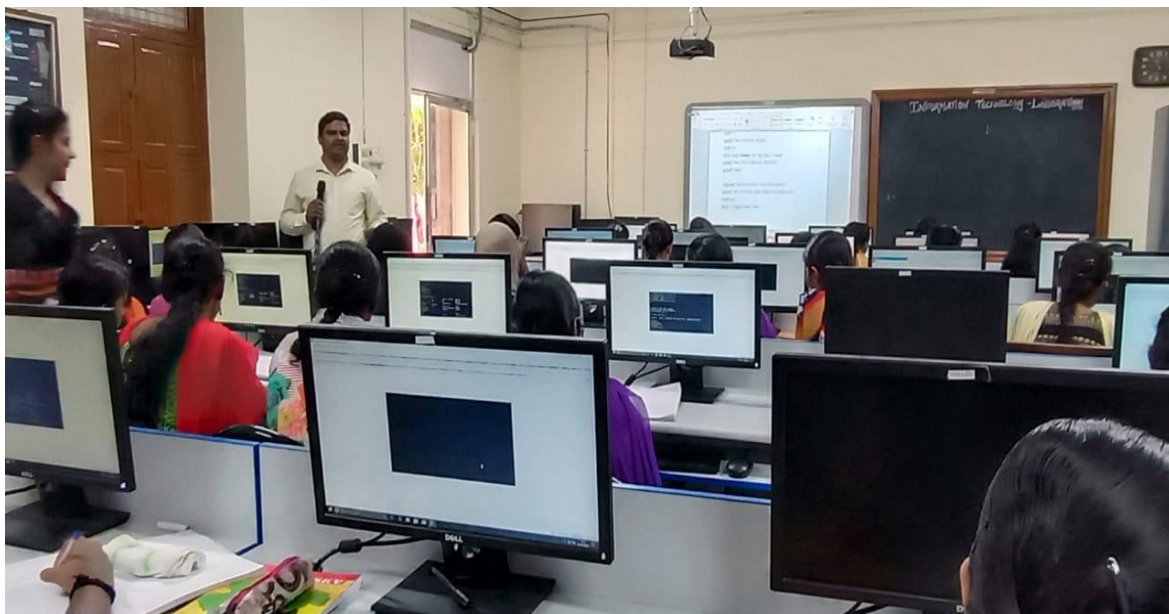
Workshop on animation:

- A workshop on “Animation using Photoshop”, was organized by Yellow Tree Academy.IT organized for the Ist year students as value added course. Animation task was assigned individually for the students and certified for their course.



Ethical hacking

A seminar on Ethical hacking to encourage the students’ interest in hacking and hacking tools.



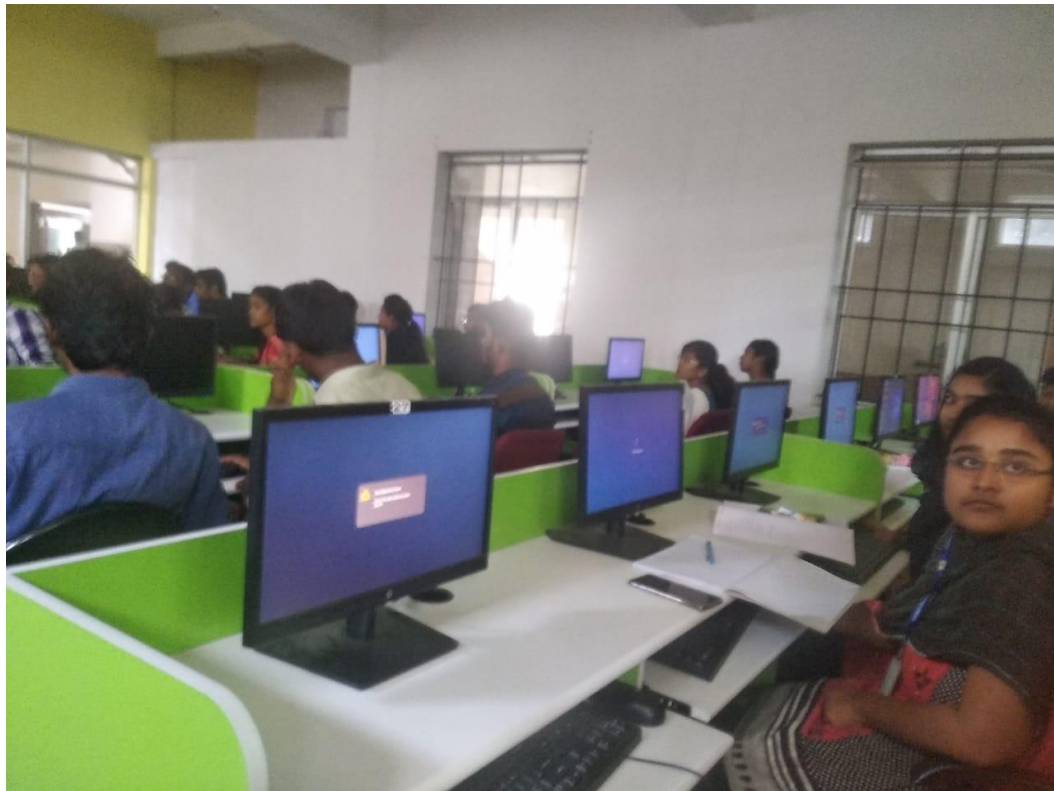
Campus to Corporate

- A seminar was conducted on the topic “Campus to Corporate”, dated 27.09.19, at F Block Seminar Hall ,for Second ,Third year UG and II year PG students .



Event Title : Android Application Development

Date : 19.12.2019



On 19.12.2019, a seminar on “Android Application Development” was organized by Dr.V.Saravanan. Be Positive Institute for Skilling Pvt.Ltd, Coimbatore was delivered the content. II IT Students were participated.

Event Title : Mobile Services and Training

Date : 18.07.2019



On 18/07/2019 Dr.V. Saravanan has Organized a training programme on “Mobile Services & Training “Abirami R Mani & Siva, New Technologies, Coimbatore. & Department of Electronics were given the training.

Event Title : Web Design – PHP

Date : 14.09.2019



On 14/09/2019 Workshop-Hands on Training “ Web Design-PHP” was organized by Dr.V.Saravanan, &Ms.MarrynalS.Eastaff, Mr.Kannan-Director, Sun Software Solutions,Coimbatore provided service.III IT Students were participated.

DATE & SESSION: 23-01-2020, FN

ORGANIZATION:GATEWAY SOFTWARE SOLUTIONS

TOPIC: PHP & WAMP SERVER

The Department of Computer Applications organized a seminar on the overview of PHP & WAMP Server. The resource persons of the session were “**Mr. S.VijayPandi, Java & Python Developer**” and “**Mr.M.Suriya Prakash, EmbEngg**” discussed about the PHP and WAMP Server. They also covered how to create the design of the application and the database applications. The participants of this session were II BCA A.

SNAP 1



A.StephenRaj,Google Student Ambossador,Apple INC, handled topic on “**How to crack the interview**” on 09-09-19 organized by Department of Computer Application. The topics were spoken about How to Learn the coding with interest and fix the path to attain the goal. The participants of the session were students from III BCA& II BCA.



Pic:1 Interview Process



Pic:2 Updating the skills with knowlegde



Pic:3 How to face the interview.



Pic4:Share About his interview experience

ORGANIZATION:ARENA ANIMATION

TOPIC:3D ANIMATION AND VFX EFFECTS USING DESIGNING SOFTWARES

The Department of Computer Applications conducted a Workshop on Merging Pictures and 3D Animation using Designing Software. The Session also included with Concept og Adding VFX Effects in Clip or Scene from a Movie. The resource person **“Mr.S.AHILAN, DESIGNER, ARENA ANIMATION”** demonstrated about the development of 3D Animation along with Inclusion of Media and Effects in it. He also showed the demonstration of morphing Mahatma Gandhi Ji’s Picture using Photoshop. The participants of this session were students from III BCA A and B. The venue of the workshop was in Computer ab-1.



Discussion about Principles of Animation



Morphing Mahatma Gandhi Ji’s Picture-1



Morphing Mahatma Gandhi Ji’s Picture-2



VFX Effects from Various Movies. Jungle Book, 2012 and Life of Pi

ORIENTATION

Mr.R.Sathish, Director, ARROW BIG DATA SOLUTIONS & Arrow group of companies, given topic on “**Career opportunities in BIG DATA and highly payable jobs**” on 26-08-19 organized by Department of Computer Application. The topics were spoken about how to grab the highly payable jobs and current field scenario in IT sector. The participants of the session were students from III BCA& II BCA.



Pic:1 Introduction about BIG DATA



Pic 3: Interaction with student about Job opportunity



Pic:2 Shown video about highly payable job list



Pic:4 how to grab the highly payable job.

HINDUSTHAN COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF COMPUTER APPLICATIONS

Career opportunity in BIG DATA

Resource person:

Mr.R.Sathish

Director,Arrow big data solutions &
Arrow group of companies

Participants: Second year BCA Date: 26.8.19

HINDUSTHAN COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF COMPUTER APPLICATIONS

How to place in highly payable Jobs

Resource person:

Mr.R.Sathish

Director,Arrow big data solutions &
Arrow group of companies

Participants: Final year BCA Date: 26.8.19

Departments of Computer Science

DBT star college scheme

- On 22.07.2019, we organized workshop on DigitalMarketing for Third year Students by Mr.KathikM.E.,Analyst for Digital Marketing IPCS Digital,Coimbatore.
- 03.10.2019, National Level Workshop organizedby Department of Computer Stream (CS,CA,IT & CT)about “Intellectual Property Rights and Innovation”.
- On 16.10.2019 &17.10.2019,Workshop under(DBT Star College Scheme) organized by Department ofCS,CA, IT & CT, PPTS Software Solutions PvtLtd,Coimbatore on “Python Programming”, Mr. SahulHameed, Senior Software Developer.



- On 06.12.2019 Workshop Organized in the topic“ PHP Development” by S.VijayPandi, Python and Java Developer, And Surya Embedded Developer, Gateway Software Solutions,Coimbatore.
- On 18.12.2019, Workshop Organized about“Introduction to Python Programming and IOT Projects “ given by Mr. Vijay, Prime Solutions,

Coimbatore.



- On 19.06.2019, Department of CT,CS, IT and CA have Organized Seminar about “Customer Services in B2B : How AI and CRM Drives IT”.

Resource Person

Mr.PrasannaRathinasami,

Director of Project Management IT,

Palo Alto Networks, Santa Clara, California.

Mr.ArunRaajMannikaraj,

Founder and CEO,

Orenda Social Enterprise.

- On 21.06.2019, Department of Computer Technology Organized as Career Counselling Programme with The Hindu on “Importance of Reading”.

- Resource Person

- Mr.M.Jegadesh Kumar,

- Asst.General Manager-Circulation,

- The Hindu,Coimbatore



- On 03.07.2019, Department of CS, CA, IT & CT jointly organized Seminar with IBM ICAT Programme. Mrs. Vanitha Ragavan, Vice President, Teknoturf Info Services Pvt Ltd, Coimbatore delivered her valuable speech.
- On 22.07.2019, we organized workshop on Digital Marketing for Third year Students by Mr. Kathik M.E., Analyst for Digital Marketing IPCS Digital, Coimbatore.
- On 10.08.2019, an FDP was jointly organized by Department of B.Sc(CS), BCA, B.Sc (IT) and B.Sc(CT) under the Topic “Python Programming”. Mr. Shahul Hameed Software Developer from Point Perfect Technical Solutions (PPTS) Pvt.Ltd. IT Park, Coimbatore conveyed about Python.



An Hands on Training on 13.08.2019 had conducted to II and III year Computer Technology Students about Animation,VFX, Graphics & Design. Three people from Arena Animation, Coimbatore was delivered their ideas.

- 1.Ahilan - Senior Faculty
- 2.Prasanth, - Marketing Executive
3. Priyadharshini– Counselor



- A Workshop on “Word Press”, by Prime solutions, had convey by 1.Immanual - Developer and 2.Tamilarasan - PHP Programmer on 20.08.2019.
- On 05-09-19, Teachers day celebrated in our Department with various events.
- On 07-09-19, Quiz Programme organized on behalf of – Team of Innovation. Nearly 150 students participated.
- On 06.12.2019 Workshop Organized in the topic“PHP Development” by S.VijayPandi, Python and Java Developer, And Surya Embedded Developer, Gateway Software Solutions, Coimbatore .
- On 18.12.2019, Workshop Organized about “Introduction to Python Programming and IOT Projects “ given by Mr. Vijay, Prime Solutions, Coimbatore .

- Department of CS,CT,IT & BCA jointly Organized Value Added Course

Inauguration on 6.1.2020 . from Mohammed RafiullaSuhail,

Associate Consultant,

UTL Technologies LTD., Coimbatore

Aravind Associate Consultant,

UTL Technologies LTD., Coimbatore.

- On 31.1.2020 Seminar Organized by Department of CT , BCA, IT & CS about Study in Abroad : AMITY UNIVERSITY.

UNIFEST 2020 SYMPOSIUM

National level inter collegiate fest organized by PG & Research department of computerscience, Dr.A.Prakash acted as organizer, our HOD Dr.Rangaraj was the convener for theevent, MR.Nandha Kumar, IRS, Deputy commissioner ,Income tax department, keynotespeaker, is a motivational speaker has won many awards, and involved himself in manysocial awareness and motivational program, you-tube award winner for motivationalspeech. First rank holder in his specialization subject geography. Our respectful secretarySrimathi.saraswathiKhannaiyan, Executive secretary Dr.PriyasathishPrabhu, PrincipalDr.Ponnusamy presided and felicitated Unifest 2020.



HINDUSTHAN COLLEGE OF ARTS AND SCIENCE
An Autonomous College Affiliated to Hindusthan University
Approved by AICTE and Govt. of Tamil Nadu
Accredited by NAAC - An ISO certified Institution
Hindusthan Gardens, Behind New India, Coimbatore-641018

**PG & RESEARCH DEPARTMENT OF
COMPUTER SCIENCE**

We Cordially Invite You For
State Level Technical Fest

Unifest '2020

BAG YOUR BEST

On 23rd Jan 2020
From 9.45 AM to 5.00 PM
@ Hindusthan Auditorium

Felicitated by
Tmt. SARASUWATHI KHANNAIYANN
Managing Trustee,
Hindusthan Educational and Charitable Trust
Dr. PRIYA SATISHPRABHU
Executive Trustee & Secretary,
Hindusthan Educational and Charitable Trust

Presidential Address
Dr. A. PONNUSAMY
Principal

Inaugural Address
Mr. V. NANDAKUMAR IRS
Additional Commissioner
Income Tax Department
Govt of India
Chennai

Vivo V11
AI Dual Camera

Today's 24.1.2020, Friday, Dinathanthi news.



CRYPTINAS 2020 SYMPOSIUM

DATE & SESSION: 06-02-2020, FN & AN

VENUE: F BLOCK SEMINAR HALL

CHIEF GUEST: Mr. Mike Nathan

TOPIC: CURRENT TRENDS IN IT

Department of BCA organized a state level technical symposium Cryptinas 2k20, around 300 students from different colleges participated in various event conducted. Dr.P. Senthilvadivu welcome the gathering. Mr. Mike Nathan, Head, Amulya infotech, Coimbatore delivered guest address. He emphasized the current trends in information technology. Dr.S.Sasikala, Associate Professor and Ms.P.Jayasree, Assistant Professor coordinated the program.





- On 07.02.2020 ,a National Level Technical Symposium “CTECH 2020“, has organized Mr.R.Sivaraman, Technical Head, Honeywell Technology, Bangalore was presided his address. Paper Presentation, Marketing, Debugging, Quiz, Web Designing, Photography, Meme Creation are the events took part in our mega Function. Nearly 350 students from other colleges were participated and got cash prizes.



DBT Star Scheme Sponsored science exhibition

“SCIZONE”

Department of B.Sc(CS)

The exhibits in science fairs and exhibitions are ordinarily of the following nature which helps in knowledge creation and potential among the student participants as well as to the viewers:

1. Good aids for the teaching of different topics in physical and life sciences.
2. Good science text-books, general and reference books, news bulletins and journals.
3. Display of several projects successfully completed by the students.
4. Articles of scientific use entirely and exclusively prepared by the students.
5. Industrial and technological use of certain scientific principle demonstrated through the arrangement of some apparatus or innovative design of a process depicted through charts.
6. Improvised apparatuses showing some innovation brought out in the existing ones.
7. Scientific toys electrical, mechanical or magnetic made by the students.
8. Scientific models prepared by students individually or collectively.
9. Graphic material like charts, pictures, graphs and diagrams on various topics and events related to different branches of science.

10. Objects and specimens collected by the students. Ø To provide for scientific hobbies

Ø To recognize and encourage scientific talents

Ø To provide opportunity for display of talents through exhibits.

Ø To stimulate greater interest in scientific investigation over the routine class work.

Ø To make the public science minded

Science Fairs and Exhibitions are the ways for students to pose questions for which they must seek out answers and to satisfy their own curiosity about the world around them. It includes experiments, demonstrations, research effort, collection of scientific items, or display of scientific apparatus presented for viewing. It represents the efforts of student's investigation into some area of interest and provides a way for the students to share the results of those investigations. By participating in Science Fairs and Exhibitions, students gain a first-hand appreciation of the work of scientists and the value of their discoveries.

DBT star college scheme

1	B.Sc(CS)	SciZone 2020	17.02.2020	Interdepartmental	400
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- Ø Science fair provides opportunity for the display of valuable work done by the students.
- Ø Helps the students benefit from the achievement of others, and promotes a spirit of competition.
- Ø Students can learn many things which cannot be learnt through class room teaching
- Ø Instinctive urges of pupils such as desire for acquisition, satisfying curiosity, participating in constructive work, etc get satisfaction.
- Ø Talents of the students are recognized and encouraged which in turn provide strong reinforcement.
- Ø Provide opportunity for detecting and cultivating scientific talents.
- Ø Provide an opportunity for the close co-operation of students, their parents and teachers.

DBT Star Scheme Sponsored science exhibition

“Technical Model Deployment in Different Domain”

Department of BCA

Department of BCA organized “**Technical Model Deployment in Different Domain**”, a **DBT Star Scheme Sponsored** science exhibition on the 11th of February, 2020. This event was inaugurated by **Dr. A Ponnusamy, Principal, Hindusthan College of Arts and Science.**

Scope of Science Fair & Exhibition

Ø To stimulate and encourage interest in science

Ø To focus attention on science experiences in schools



Science fair is purely an educative activity carried out in a systematic manner entirely for the advancement of Science. It is excellent device for acquainting the parents as well as other people in the locality, with the science related work being done in the schools.

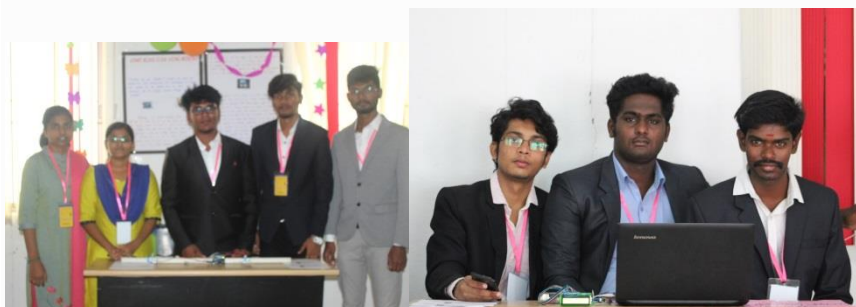


Science intrigues curiosity. Scientific projects always combine theories with nature. And nature has always fascinated the mankind. Science theories can further be improvised. Hence there is always a scope of innovation or invention when we start learning science. Curiosity and innovation are two main aspects that intrigue students towards taking up science. Department of BCA planned the science expo for innovate and renovate science happenings in students. It showcased static and working models on Internet of Things and Networking that could be used for learning various scientific concepts.

Around 600 students and faculty members from various Departments came and witnessed it. Dr.P.Senthilvadvu convened the event. Dr.S.Sasikala organized and coordinated the event.



The objective was not only to inculcate a scientific attitude and research-mindedness but also creating teaching aids. Nearly 16 working models were demonstrated by 80 students;



The purpose of a science fair project is for students to not only learn about science, but also have an educational experience that develops many skills. Creating a science fair project allows students to actively take part in a creative process, from the inception of the idea to the exhibit. It develops a student's critical thinking skills as she/he gains a new understanding about a part of the world.



Exhibitions are effective modes of mass communication and instruction. If it is organized by the pupils themselves they get opportunity for self activity. Every school should organize science exhibition once in a year. This may include exhibits of students as well as demonstrations, talks etc. made by experts, film shows on science topics, debates, science plays, etc.

A student's increased participation levels in science fair exhibitions can definitely ignite the passion in him/her. He/she develops the self-confidence to stand on a podium. To give a detailed explanation of demo exhibits, present white papers, prove the hypothesis and conclude. This way, students stage fear reduces. Thereby, confidence levels, improve by leaps and bounds.

The students will also be interviewed by a panel of judges before selection. This way, students develop interview handling skills at a tender age.



Characteristic of the knowledge-creation approach is to examine learning in terms of creating social structures and collaborative processes that support knowledge advancement and innovation; in this sense it becomes close to the participation view. Further, the knowledge creation approach addresses the importance of generating new ideas and conceptual knowledge. In this sense, it has commonalities with the acquisition view because conceptual knowledge is emphasized. The conceptions of knowledge in the background of knowledge-creation models, however, vary a great deal; some of them emphasize more the conceptual aspects of creating knowledge whereas others address innovations embedded in new practices and social structures.



DBT Star Scheme Sponsored science exhibition

“Science Exhibition 2020”

Department of BSc(CT)

- Science Exhibition 2020(Under DBT Star College Scheme) "Science for the People and People for Science" was organized on 20.2.2020. 20 models were exhibited in this Exhibition and nearly 400 students from our department and other department were observed the same.



DBT Star Scheme Sponsored science exhibition

“BRAIN RAIN 2020”

Department of BSc(IT)

The Department of Information Technology organized “BRAINRAIN”, a DBT Star Scheme Sponsored science exhibition on the 5th of February, 2020. This event was inaugurated by Dr. A Ponnusamy, Principal, Hindusthan College of Arts and Science. “BRAINRAIN” showcased static and working models on Internet of Things and Networking that could be used for learning various scientific concepts. The objective was not only to inculcate a scientific attitude and research-mindedness but also creating teaching aids. Nearly 15 working models were showcased; the students and faculty members from various Departments came and witnessed it. This event was co-ordinated by Mrs. A Gowri, Asst. Professor, Department of IT



In the present scenario much emphasis must be placed upon the improvement of Science Education. Science fairs and Exhibitions are opportunities for students to apply the scientific method to conduct independent research. The result of each student's research is presented in a school wide science fair or exhibition where the student's efforts are displayed and where students are interviewed to determine scientific merit. Students who have been judged to have used the scientific method properly and who have demonstrated thoroughness in their studies and effort are awarded prizes and are advanced to compete in regional, state, national and international science fairs and exhibitions. The Science Fair is a step toward meeting the demand for scientifically trained personnel. The Science fair and exhibition are now educational tools with great possibilities; it is the duty of responsible people to see that this tool is put to the best and greatest possible use.