



DEPARTMENT OF COMPUTER SCIENCE AND COMPUTER APPLICATIONS

NEWSLETTER, Issue 9

JUNE 2022-MAY 2023



CS HAPPEN BYTES

HIGHLIGHTS

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VISION:

To be in the frontier of computer science and applications to produce globally competent graduates and professionals with innovative ideas, skills and moral values to build a vibrant nation.

MISSION:

❖ *To provide quality education to meet the need of profession and society.*

❖ *Provide a learning ambience to enhance innovations, problem solving skills, leadership qualities, team-spirit and ethical responsibilities.*

❖ *Establish Industry Institute Interaction program to enhance the entrepreneurship skills*

❖ *Provide exposure of latest tools and technologies in the area of information technology.*

❖ *To inculcate value-based, socially committed professionalism to the cause of holistic development*

EVOLUTION OF OUR DEPARTMENT

- ✓ Department of computer science of New Prince Shri Bhavani arts and science college started offering Bachelor's degree in computer science in the academic year 1999, To accomplish the need of IT sector, we started BCA in 2000 and we extended our course offering to post graduate level, M.Sc. computer Science in the year 2003. To accomplish excellence in the field of Artificial Intelligence we started B.Sc. CS with AI in the year 2022.
- ✓ The department has state-of-art infrastructure in terms of well-equipped laboratories and library for staff and students.
- ✓ It has qualified and experienced teaching faculty with an average experience of 15 years. The department has got the greater ambience of research in diversified areas. The department has got a wide technical spectrum through the Centre of Excellence, Innovation lab, industrial tie-ups, collaboration, MOUs and online forums. We can be reached at newsletter@newprincearts.edu.in.

HOD's MESSAGE



Dr. V. Uma Devi
Principal & Head
Dept. of Computer
Applications and Computer
Science

It is a great pleasure for me to lead the department of computer science, which is working towards the goal of providing students with an innovative and high quality education and achieving academic excellence.

There are MOUs with major industries. This course emphasizes creativity and innovation and is supported by dedicated faculty who strive to inspire their students.

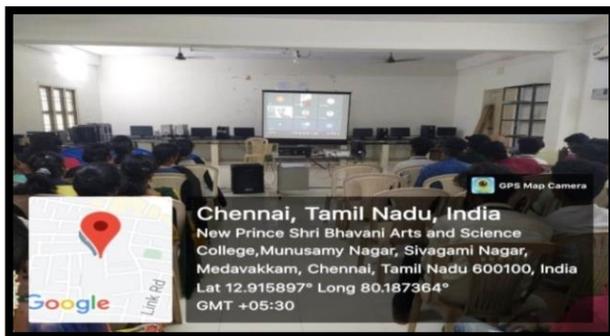
The motto of the department is to provide quality technical education to make the students industry-ready. Our goal is to ensure that our graduates are well prepared to play the roles of problem solvers, project leaders, entrepreneurs, and above all ethical citizens of a global society.

We are confident that our students will emerge as assets not only to the institution and to the organization they join, but to the society at large. With this, I would like to congratulate the students and staff for their brilliant achievements and wish them a great future.

“All the Best”

WORKSHOP

➤ **“A Workshop on Python Libraries for Data Science”** has been organized by Mrs.V.Vishwa Priya, Assistant Professor, Department of Computer Science, Vels Institute of Science, Technology and Advanced Studies, Chennai, held on 09th Sept. 2022 to 10th Sept. 2022.



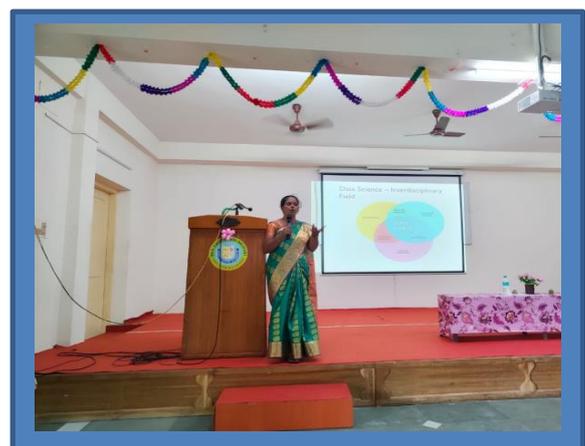
➤ **“A one day Workshop on “AJAX- a New Approach to Web Applications”** by Mr.Jebamony Mathias CEO & Director, STEPS Software Solutions Pvt. Ltd, held on 19th October 2022.



➤ **“Two days Workshop Workshop on “Cloud and Devops”** by Miss.E.Joshita, Adjunct Faculty in cloud and devops, edureka learning center, Chennai , held on 20th January 2023 and 21st January 2023.

FDP AND SEMINARS

➤ **“A one day Seminar on “INTRODUCTION TO DATA SCIENCE”** presented by Mrs.B.Nithya, Research Scholar, VISTAS, Chennai, held on 27th July, 2022.



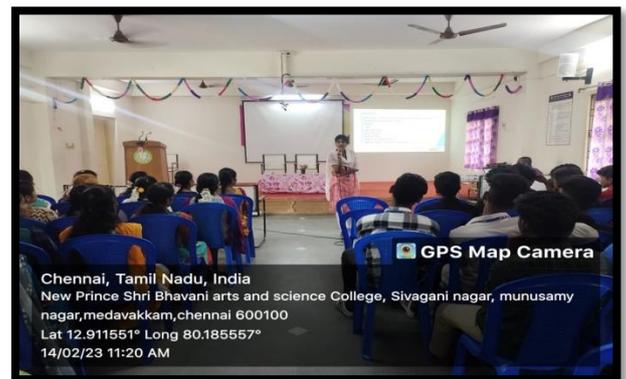
➤ “A One day Seminar on “OBJECT ORIENTED PROGRAMMING USING C++/JAVA” by Mr. M. Anoop, Assistant Professor at Alpha Arts and Science College in Chennai, held on 13th August 2022.



➤ “A One day Seminar on Micro Services on Azure” by Mr.A.Madhavan, Data Analyst, DXC Technology, held on 08th October 2022.



➤ “A One day Seminar on “FULL STACK DEVELOPMENT” by S.Jeevitha, Adjunct Faculty,Edureka Learning Center, Adyar and Velachery, Chennai, held on 14th February 2023.



➤ “A One day Seminar on “Career Opportunities in IT Industry” by Miss.B.Harini, Supporting Engineer, Hitachi Payment Services Pvt.Ltd, Chennai, held on 18th February 2023.



INTERNSHIP PROGRAMME



- Internship Program being undertaken by the students of B.Sc Computer Science and BCA

(Batch of 2020-23) of New Prince Shri Bhavani Arts and Science College at various companies like Adventure Technology Solution Pvt Ltd, Pantech E-Learning, Csc Computer Education, U.N.I.Q Technologies , Codebind Technologies, Shias Info Solution Private Limited , and Xplorant.

- Internship Program being undertaken by the students of M.Sc CS(Batch of 2022-24) of ” for final New Prince Shri Bhavani Arts and Science College at Pantech E Learning.

INTER -DEPARTMENTAL COMPETITIONS

TECHNIX 2K'22



A national level technical symposium “TECHNIX 2K’23” hosted by the Department of Computer Science and Computer Applications, held on 25th February 2023. This Symposium is to enlighten and encourage the participants (UG & PG) to encourage the students to develop creative and cognitive skills. Main intention of TECHNIX 2K’23 is to inculcate and enhance the critical thinking, creativity, interpersonal skills and analytical skills of the students. The symposium drew about 35 teams from 30 different colleges, making it a huge success.

The National Level Technical Symposium “TECHNIX 2K’23” was a platform for students to showcase their talents, learn from experts, and foster a spirit of innovation and collaboration. It served as a testament to the commitment of New Prince Shri Bhavani Arts and Science College towards nurturing future technocrats and leaders. We look forward to hosting more such events in the future and continuing our journey towards excellence in technical education.

INTRA -DEPARTMENTAL COMPETITIONS

The intra college technical fest of the department of Computer Science and Computer Applications , New Prince Shri Bhavani arts and science College, “**TECHNO SHARE '22**” was organized on 19th September 2022 by the Programme Co-ordinators Mrs.I.Poonkody & Mrs.K.Maheswari. and student bearers.

STUDENTS PRESENTING THE POSTER



Intra Departmental online Quiz contest “**CS-MASTER MINDS'23**”, held on 28th February 2023. It was very informative and knowledge enriching competition for the participants along with the audience. The team of **CS-MASTER MINDS'23** proud to organize such a successful event and they convey thanks to Principal and Management for their timely advice and co-operation for organizing this event.

ALUMNI TALK

☞ Alumni talk on “Stay Connected, Stay Competitive” for students delivered by the Alumnus **Mr.B.Basker**, Network operations Associate, Accenture, Chennai, held on 28th February 2023.



ADD ON COURSE

☞ “LEARTHON 2022” held on virtual platform from 1st September to 30th September 2022, hosted by “ICT ACADEMY” for II year & III year UG students and II year PG students. To provide students with an opportunity to learn practically through interaction, working methods and employment practices which was other than their syllabus. Also imparting crucial job skills to the students through training courses in grooming technology in IT Industry.

☞ “ANDROID DEVELOPMENT” held from 23rd January to 28th January 2023, hosted by “Aadhityaa Infomedia Technologies” for first year UG students. After successful completion of this course, Students will be able to know the basic android development tools such as Eclipse, DDMS, Drawables and Listeners.



AWARD AND RECOGNITION

Our college is proud of distinguished faculty members who have brought laurels to the institute by their exemplary service and achievements.

a) Awards

- i) Dr.V.Umadevi, Dr.P.Calista Bebe, had Published a Book Chapter on “Recent Trends in Computer Science and Information System” , was awarded by Indian Book & Asia Book of Records.
- ii) Dr.R.Alarmelu Mangai and Dr.G.Gokilam got Best paper award for “GMWF – An Advanced Image Denoising Tactic” in 1st International Conference on Progressive Research in Quality Data Engineering (PRIDE 2022) organized by SRM Institute of Science and Technology, Ramapuram Campus, on 16th and 17th June 2022.
- iii) Mrs.S.Sivakamasundari Attended and Presented a paper “Certain Investigation On Ensemble Learning And Machine Learning Techniques with IoT In Secured Cloud Service Provisioning ” , ICDAM ,22 June 2022, Singapore.
- iv) Mrs.S.Sivakamasundari was awarded with Doctorate Degree on May 2023.

b) Resource Person

- i) Dr.V.Umadevi acted as ‘Keynote Speaker - Technical Session’ in 1st International ‘Conference on Innovation and Advanced Research in Software Applications’, Organized by Agurchand Manmull Jain College.
- ii) Dr.B.Mahalakshmi has given Special Lecture on “UML” to the Chevalier Thomas Elizabeth College for Women students on 28th February 2023.

BOOK PUBLICATIONS

- i) Dr. P.Calista Bebe, has contributed a book chapter titled “The Data Consensus Algorithm for Smart City Applications Using Blockchain Technology in Industrial IoT” in the book The Convergence of Artificial Intelligence and Blockchain Technologies. This chapter can be found on pages 181-200 of the publication, which was released in June 2022.For further reference, the chapter can be accessed through DOI: 10.1142/9789811225079_0009.
- ii) Mrs.S.Sivakamasundari, has contributed a book chapter titled "Certain Investigations on Ensemble Learning and Machine Learning Techniques with IoT in Secured Cloud Service Provisioning" in Proceedings of Data Analytics and Management eBook ISBN 978 981-19-7615-5 Print ISBN 978-981-19-7614-8 in 31 march 23.

WORKSHOP AND CONFERENCES PARTICIPATED BY FACULTY MEMBERS

From	To	Faculty Name	Title	Venue
01-06-2022	30-06-2022	A.Sivarani	Online Course	Great Learnig Academy
01-06-2022	30-06-2022	Dr. P.Calista Bebe	Online Course	Great Learnig Academy
01-06-2022	30-06-2022	I.poonkody	Online Course	Great Learnig Academy
01-06-2022	30-06-2022	Dr R.Alarmelu Mangai	Online Course	Great Learnig Academy
01-06-2022	30-06-2022	Dr.T.Nathiya	Online Course	Great Learnig Academy
06-06-2022	10-06-2022	Dr R.Alarmelu Mangai	FDP - Introduction to Python Programming	ICT Academy
16-06-2022	17-06-2022	Dr R.Alarmelu Mangai	International Conference - Progressive Research in Quality Data Engineering	SRM Institute of Science and Technology
20-06-2022	24-06-2022	K.Maheshwari ,S.Sivakamasundari, I.Poonkody, , .Sivarani A.Janet Grace Susila	FDP - Curriculam Design	Dr.M.G.R. Educational and Research Institute
20-06-2022	24-06-2022	B.Bhuvaneshwari, E.Sundhravalli	FDP - Microsoft Azure Data Fundamentals	ICT Academy
21-06-2022	28-06-2022	Dr. P.Calista Bebe, K.Maheshwari, I.poonkody	FDP - Contemporary Computing Technologies	SRM Institute of Science and Technology
25-06-2022	26-06-2022	S.Sivakamasundari	International conference - Data Analytics and Management	The Karkonosze University of Applied Sciences, Poland
28-06-2022	30-06-2022	Dr. B. Mahalakshmi	FDP - Microsoft Power BI Data analyst Associate	ICT Academy
01-07-2022	30-07-2022	Dr.T.Nathiya Dr.G.G.Gokllam	Online Course - Software Testing Tutorial	Great Learning
02-07-2022	02-07-2022	Dr.G.Simimargarat, Dr.V.Devipriya,, Dr.S.Elavarasi, P.Vennila,, A.Sivarani, Dr. P.Calista Bebe,, S.Sivakamasundari	FDP - Art of Writing a Research Article	Saveetha College of Liberal Arts and Sciences
10-08-2022	12-08-2022	A.Sivarani, Dr. P.Calista Bebe,, S.Sivakamasundari, Dr.G.Simimargarat, Dr.V.Devipriya, Dr.S.Elavarasi,R.Kala, A.Janet Grace Susila	FDP - Artificial Intelligence, Machine Learning, Deep Learning	Mohamed Sathak College of Arts Science
29-08-2022	10-09-2022	K.Maheshwari, , A.Sivarani, Dr R.Alarmelu mangai, Dr. B. Mahalakshmi, Dr.G.Simimargarat,, P.Vennila	FDP - Data Science : A revelation of the Modern Digital Era	SRM Institute of Science & Technology
22-08-2022	27-09-2022	Dr.T.Nathiya,, R.Kala	FDP - Amazon Web Services	M.Kumarasamy College of Engineering
15-11-2022	28-11-2022	Dr. P.Calista Bebe	Refresher Course - Computer Science and Information Technology	University of Madras
19-11-2022	23-11-2022	K.Maheshwari, , A.Sivarani, I.poonkody	FDP - Advanced Techniques in Computing Sciences & Applications	Saveetha College of Liberal Arts and Sciences
28-11-2022	02-12-2022	I.poonkody, Dr R.Alarmelu Mangai, B.Bhuvaneshwari	FDP - Emerging Trends in Computing Technologies	Dr.M.G.R. Educational and Research Institute
07-12-2022	07-12-2022	Dr.T.Nathiya,, R.Kala	Quality Resurgence in Research	Vinayaga Mission
01-01-2023	01-01-2023	Dr. P.Calista Bebe	Online Course - Datascience Foundations	ICT Academy

From	To	Faculty Name	Title	Venue
30-01-2023	30-01-2023	A.Sivarani, A.Janet Grace Susila, Dr R.Alarmelu Mangai, Dr.T.Nathiya,	Webinar - Entrepreneurship Skill, Attitude and Behaviour Development	Annapoorana Engineering College
30-01-2023	03-02-2023	R.Kala	FDP - The Art and Science of Research Paper Writing	Thiruthangalnadar College
06-02-2023	10-02-2023	A.Sivarani, Dr. P.Calista Bebe, K.Maheswari, R.Kala I.Poonkody, Dr R.Alarmelu Mangai, Dr.T.Nathiya, Dr.G.G.Gokilam, Dr.B.Mahalakshmi, B.Bhuvaneshwari, E.Sundhravalli, B.Nithya, P.Vennila Dr.S.Elavarasi,	International FDP - Advance in emerging trends and technologies	St Joseph's College Of Arts And Science
13-02-2023	17-02-2023	Dr. P.Calista Bebe, K.Maheswari, Dr R.Alarmelu Mangai, Dr.A.Thilaka,	FDP - Advanced Excel with Data Visualization	E & ICT Academy
20-02-2023	24-02-2023	S.Sivakamasundari, A.Sivarani	FDP - Cyber Security	E & ICT Academy
27-02-2023	04-03-2023	S.Sivakamasundari, Dr R.Alarmelu Mangai, Dr.A.Thilaka, E.Sundhravalli	FDP - IOT & Drone	E & ICT Academy
09-03-2023	09-03-2023	A.Sivarani, R.Kala, Dr. P.Calista Bebe	National level Seminar - On Current Growing Trends In AI	Thiruthangal Nadar College
13-03-2023	21-03-2023	K.Maheswari, I.Poonkody, E.Sundhravalli	FDP - Emerging Trends in Information Technology	SHASUN Jain college for Women
14-03-2023	14-03-2023	Dr. P.Calista Bebe	BRIDGE 2023 - Chennai (A High Impact Industry-Institute Interaction Event of India)	ICT Academy of Tamilnadu
20-03-2023	24-03-2023	Dr. P.Calista Bebe , I.Poonkody, Dr R.Alarmelu Mangai, E.Sundhravalli	FDP -Distruptive Technology	SKPC Sri Kanyaka Parameswari Arts & Science College for Women
27-03-2023	02-04-2023	Dr R.Alarmelu Mangai, E.Sundhravalli	FDP - Machine Learning	E & ICT Academy
01-04-2023	30-04-2023	B.Bhuvaneshwari	Introduction to Industry-Centric Information Security	IZAPY - Naan Mudhalvan
16-04-2023	16-04-2023	B.Bhuvaneshwari	E- Quiz	Tagore College of Arts and Science
08-05-2023	12-05-2023	A.Sivarani, Dr. P.Calista Bebe, K.Maheswari, S.Sivakamasundari, I.Poonkody, Dr R.Alarmelu Mangai, B.Bhuvaneshwari, P.Vennila	FDP - Emerging Research Trends in Block Chain & Data Science	Dr.M.G.R.Educational and Research Institute
15-05-2023	19-05-2023	Dr. P.Calista Bebe, Dr.T.Nathiya, Dr.B.Mahalakshmi, Dr.G.Simimargarat, Dr.V.Devipriya,	FDP - Education 5.0	Dr.MGR Educational And Research Institute

STUDENTS ACHIEVEMENT

a. Workshops/Seminar

1. One day Seminar on “**Introduction to Data Science**” held on **27th July, 2022**, hosted by Mrs. B.Nithya, Research Scholar, Vels Institute of Science, Technology and Advanced Studies, Chennai. Totally 110 students were attended.
2. Two days Skill Enhancing workshop on “**Python Libraries for Data Science**” held on **9 September, 2022 & 10 September 2022** hosted by V.Vishwa Priya, Assistant Professor, Department of Computer Science, Vels Institute of Science, Technology and Advanced Studies, Chennai. Totally 75 students were attended.
3. One day skill enhancement seminar on “**Object Oriented Programming using C++/Java**” held on **13th August 2022**, hosted by Mr.M.Anoop, Assistant professor, Alpha college of arts and science, Chennai. Totally 110 students were attended.
4. One day skill development seminar on “**Micro services on Azure**”, held on **8th October, 2022**, hosted by A.Madhavan, Data Analyst, DXC Technology, Chennai. Totally 94 students were attended.
5. One day workshop on “**AJAX- A New Approach to Web Applications**” held on **19 October 2022** hosted by Mr. Jebamony Mathias, CEO & Director, STEPS Software Solutions Pvt.Ltd. Totally 129 students were attended.
6. Two days’ workshop on “**Cloud and Devops**” held on **20th and 21st January 2023** hosted by Miss.E. Joshita, Adjunct faculty in cloud & devops, Edureka Learning Center, Chennai. Totally 90 students were attended.
7. Two days’ Workshop on “**Full Stack Development**” held on **14th and 15th February 2023** hosted by Miss.S.Jeevitha, Adjunct faculty in cloud & devops, Edureka Learning Center, Chennai. Totally 110 students were attended.
8. One day Seminar on “**Career Oppurtunities in IT Industry**” held on **18th February 2023** hosted by Miss.B.Harini, Supporting Engineer, Hitachi Payment Services Pvt.Ltd, Chennai. Totally 125 students were attended.

NEW PRINCE SHRI BHAVANI ARTS AND SCIENCE COLLEGE
(An ISO 9001:2015 Certified, Affiliated to the University of Madras)
Patel Road, Medavakkam, Chennai 600100.

Department of Computer Science & IQAC
Organizes a
Skill Development Webinar on
Building students' self efficacy and competence

11th June 2021
2.30 pm to 3.30 pm
Thru'

Resource Person
Dr. RAJAJA
Assistant Professor, Department of
Management & Commerce,
Vishwa Chethana Degree College, Arudal,
Bengaluru, Karnataka.

Thiru.K.Loganathan Chairman
Mr.L.Naveen Prasad Vice-Chairman
Dr.M.Prabakaran Director Admin
Dr.V.Karunanithi Director Academic
Dr.V.Uma Devi Principal

For Queries Contact: npcs@newprincearts.edu.in

NEW PRINCE SHRI BHAVANI ARTS AND SCIENCE COLLEGE
(An ISO 9001:2015 Certified; Affiliated to the University of Madras)
Patel Road, Medavakkam, Chennai 600100.

IQAC & Department of Computer Science
Organizes a
Capacity Enhancing Workshop on
Micro Services on Azure

Resource Person
Mr. V. Balasubramanian
Associate Manager
Accenture
Chennai

Registration link: <https://tinyurl.com/6frehfe5>
Join us on 7th June 2021
Time: 10.30am to 11.30am

Thiru.K.Loganathan Chairman
Mr.L.Naveen Prasad Vice-Chairman
Dr.V.Karunanithi Director Academic
Dr.V.Uma Devi Principal
Dr.M.Prabakaran Director Admin

E-Certificates will be provided for the participants
For Queries Contact: npcs@newprincearts.edu.in

b. Awareness Programme

- Department of computer science & computer applications Organized a “**Smart Phone Addiction Awareness Campaign**” for School Students in **Government Higher Secondary School, Medavakkam.**

c. Empowerment Programme

- Some of our students have completed their courses on **Business Process Automation** under **Celonis** and **Business Analyst** under **Qlik** and received their certificates.

d. Seminar, Conference and Workshop Attended by Students

- R.Dinesh Babu, D.Gokul Nath, S.Prakash,P.Bharath, J. Nickshan, R. Kishok Kumar, S. Dilip Kumar, D. Barzilla Angel Raj, P. Manoj , D.Lokesh of M.SC CS attended National Level Seminar “**ON CURRENT GROWING TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING – CRIME PREDICTION**” Organized by Thiruthangal Nadar College, Selavayal, Chennai.

e. Students Achievements at Intercollegiate Level

- i) **Sharmila Banu** of BCA has Participated in the **Regional Pre-Finals** of ICT Academy Youth Talk - Tamil Nadu.

PLACEMENT AND TRAINING

- Placement Cell acts as an interface between the students and the recruiters and is responsible for placement of final year students, providing internship opportunities and grooming the students of all batches. The Cell also conducts various training programs, workshops, seminars and webinars by industry experts, and regularly takes up various initiatives to develop students ' skills and impart knowledge and awareness in multiple areas.
- Twenty two final year students of BCA and Thirteen final year students of B.Sc CS are placed in “SUTHERLAND”.
- One final year student of B.Sc CS is selected in “VINSINFO”.
- Four final year students of BCA and Four final year students of B.Sc CS got placement in “QSPIDERS” during March 2022.
- One final year student of BCA is selected in “SHRI RAM CHITS”.
- Two final year students of BCA got placement in “PRODAPT”.
- Three final year students of BCA got placement in “CHEGG INDIA”.