

EVENTS OF JULY 2019 REPORT

EVENT: FACULTY DEVELOPMENT PROGRAMME FOR TEACHING FACULTY (8-10 JULY 2019)

A three-day Faculty Development Programme was organised by New Horizon College, Marathahalli for its teaching faculty. The Programme was conducted by the New Horizon Quality Assessment and Skill Development Center, (NHQASDC) at the Falconry Hall, NHCE. Ms. Prasanna Prakash (HOD of BCOM & BBA) and Dr. Nagaraju Killari (HOD BCA) were the faculties-in-charge. Day I focused on Learning Theories and the resource person for the day was Dr. Vijaya Kumari (Retd. Principal, Vijaya Teachers College). Prof. Prasanna Prakash, HOD, Dept of BBA welcomed the gathering and coordinated the session with Prof. Dr. Nagaraju Killari, HOD, Dept of BCA and Prof. Rajesh.H, Dept of BCA. The morning session (9.30 am – 12.00 pm) started with self-introductions by the faculty participants who were then given the opportunity to speak about their knowledge of innovative teaching. The Resource Person shared her own perspective and understanding of what Innovative Teaching meant. Then the resource person discussed various learning theories and the different stages of learning. The following topics were handled with various examples and case studies by the resource person: Principles of learning, Different types of learners, Pedagogy and andragogy of adult learning, Hypothetical deductive reasoning, Zone of provisional development, the Importance of multi-disciplinary learning and Constructive learning. In the afternoon session (2.00 pm- 4.00 pm) the resource person explained the Constructivist Model of learning and made the faculty perform case-studies and make presentations on how they would structure their teaching sessions using methods that encouraged the students to discover and learn rather than receive instruction. Working in groups, the faculty demonstrated their chosen plans/ models with detailed analysis. Day II focused on the need for Innovative Teaching Techniques and its purpose was to evaluate traditional methods of teaching as well as multimedia teaching and to suggest other useful teaching methods that could be attempted in the classroom. The Resource person for the day was Ms. Hima Bindu – Education Program Analyst, NHQASDC and the specific focus was on Student Centric teaching. The participants understood the value of Team based learning and Cross-overbased learning and how these might be implemented in the classroom. The usefulness of using a combination of various digital media such as text, images, audio and video, to create a multi-sensory experience for students was stressed. Day III of the FDP was organized around three focus areas: communication skills, team building and stress management. It was divided into two sessions. The morning session from 9.30 am till 1.00 pm was conducted by Dr. Sowmya Narayanan (Prof & HOD, Centre for Life Skills and Lifelong Learning, NHCE). The afternoon session from 2.00 pm till 4.30 pm was conducted by Ms. Sunitha, life skills coach on stress-management and an enabler in the field of employability at NHCE.

Dr Narayanan's morning session focused on the first two life skills and was designed to help us learn, through a highly interactive and participatory method, the value of communication and teamwork. The objective of this session was to understand and improve our communication skills when working as a team.

We began with creative introductions. Having divided ourselves into groups, each group was asked to select a particular object present in the seminar hall and each member of the group was asked to introduce himself / herself through an identification with a particular characteristic of that object. This highly interactive and creative exercise functioned as an icebreaker between the facilitator and participants, and as a way for the faculty members to get to know each other better.

This was followed by a series of interactive group exercises. This ranged from speaking for two minutes on a given topic to interpreting a cartoon image to finally making a chart/collage representing all that was learnt during the session. The faculty participated in all the various activities with enthusiasm, making the most of the learning activities planned for them.

The afternoon session on stress management, conducted by Ms Sunitha, was designed to bring about greater self-awareness among the participant members. The objective of this session was to help us identify, cope with and reduce the stress points in our teaching lives.

It began with identifying various factors in the daily life of a faculty member that caused stress. A distinction was collectively made between positive stress (stress that motivated one to perform better) and negative stress (stress that demotivated one and came in the way of optimal performance). The session was organized to direct us to become more self-aware of one's reaction to various stress points: a proactive reaction that tried to find a solution to the problem led

to an improved situation whereas a reactive approach heightened the stress level of the situation. By asking us to identify our own reactions to various factors like time, teamwork, change, performance and perception, Ms Sunitha tried to make us aware through self-introspection and humour, how we might take control of and manage/ reduce our stress better.

The session ended with a group activity where each group was asked to put together a 5-minute skit on groups working together in a corporate set up with different takes on friendliness between the members and their productivity as a team. We learnt as we watched together how different group dynamics function and what makes or breaks the success of a team.

The session ended with a vote of thanks by Dr Nagaraju Kilari and Ms. Serah Sudin who thanked Dr. Narayanan, Ms Sunitha and the NHQASDC facilitators on the behalf of all the participant faculty members, for putting together such a well-conceived programme for us.





EVENT: INDUCTION PROGRAMME FOR NEW JOINEES (18-19 JULY)

NHQASDC conducted an Induction Program for the new faculty members of NHCE, NHCM & NHCK on 18th and 19th of July 2019 in the Library Conference Hall. The aim of the programme was to enlighten the new faculty about the journey of NHEI and to acquaint them with the infrastructure as well as the policies of the institution.

The Induction Program started at 10 am with a session on “Institution’s Vision, Mission and Values” by Dr. Manjunatha, Principal, NHCE. He briefed about the inception of NHEI and how the college has succeeded in keeping up the standards high till date. He spoke about the instrumental role teachers have in the upcoming NAAC and NBA process.

The second session on “Introduction to Autonomous status of NHCE” started at 11:15 and it was presided by Dr. Prashanth, Dean - Academics. Dr. Prashanth gave updates on the Autonomous status received by NHCE and spoke in detail about how internal exams as well as semester exams are conducted, the evaluation process and the criteria’s followed by NHCE in giving internal marks to the students.

The third session by Dr. Soumya Narayanan, LSLLL on “Interpersonal Skills – Grooming, Social Etiquette” resumed after the lunch break at 1:30 pm. Through various group activities Dr. Soumya made the new joinees aware about the importance of effective communication. In the middle of the session Dr. Manjunatha, Principal, NHCE joined and spoke about how to handle the students effectively in class. He shared a few instances that he encountered in NHCE and how they handled the situation with utmost proficiency. Dr. Manjunatha concluded his session on “Student related issues” by asking the new faculty to deal with the Z Gen with utmost care and professionalism. Dr.

Soumya continued her session from where Dr. Manjunatha concluded by giving case studies on various student related problems as a group activity. Each group came forward and presented their inference on the case study given, also sharing their suggestions for resolving it. The Induction Program of Day 1 came to an end by 4:30pm.

Day 2 of the Induction Programme started with a session on the “Need for Research & Development Activities at Engineering College” by Dr. Gopala Krishnan, Dean R&D. He briefly introduced the seven criteria of NAAC and how NHCE has succeeded in scoring an A grade in the previous accreditation. He spoke about the importance of research and online certification programmes and motivated the new joiners to take up the same.

Dr. Niranjana, HOD Civil presided the second session on the “Role of MOOC online courses & certification in higher technical educational institutions”. He enlightened the new joiners on NPTEL and how NHCE has become a local chapter in NPTEL certification programme. He spoke about the importance of online certification programme and how it becomes beneficial for both the individual as well as the institution. Dr. Niranjana spoke in detail on how NHCE has made taking up one NPTEL programme compulsory for students and two for teachers.

The third session on “Library Resources” by Dr. Anitha Rai, Head Library and Information Center introduced the new joiners to the various knowledge resources that NHCE library provides. She briefly introduced the various facilities, services and e- resources that the college library offers both to the faculty as well as to the students by using the college website’s library page.

The fourth session on “Students Attendance” by Mr. H N Suryaprakash, Registrar was a session that made the faculty aware of the attendance procedure that NHCE follows.

The Induction Program for new faculty came to end with a session on “HR Policies”, by Ms. Manjula, HOD HR.

EVENT: ORIENTATION PROGRAMME FOR FRESHERS 2019

An Orientation programme was organized for the new batch of 2019 by New Horizon College, Marathahalli on 17th July 2019 in the Main Auditorium of the College. The programme began at 12.30 pm and continued till 2.30 pm. The chief guest of the event Ms. Sowmya Narayanan.



The event began with an Invocation Dance followed by a video presentation about the college and its facilities, put together entirely by the students. The event was then inaugurated with the lighting of the lamp by the Chief Guest, the Principal of NHCM Mr. R Bodhisatvan, HOD of Commerce and Management Ms. Prasanna Prakash and HOD of BCA Mr. Nagaraju Killari, a guest parent and a student.



A sapling was presented to the honourable Chief Guest by Dr. R Bodhisatvan who was then invited to address the gathering of parents, freshers and faculty. DrNarayanan gave an inspiring speech encouraging the students to be better,

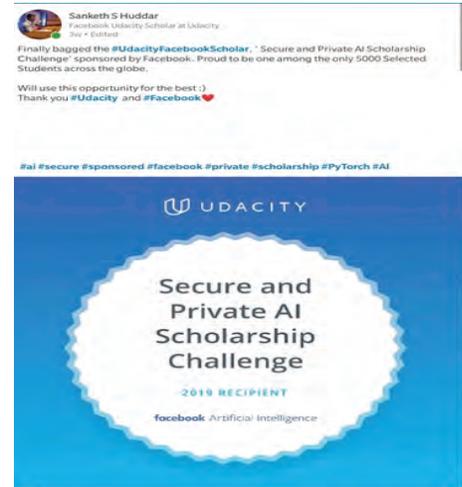
think about their future and have a dream and goal to work towards. The Principal then addressed the gathering and informed the parents and students about the rules and regulations of the college in his speech. The students were later sent to their classrooms and their respective class mentor had a session with them where they were given detailed information about how the college functions. Meanwhile, in the auditorium the parents were given a chance to ask the Principal any questions they had regarding the college and its functioning. The event ended with a Q&A session with the parents.



Secure & private AI scholarship challenge

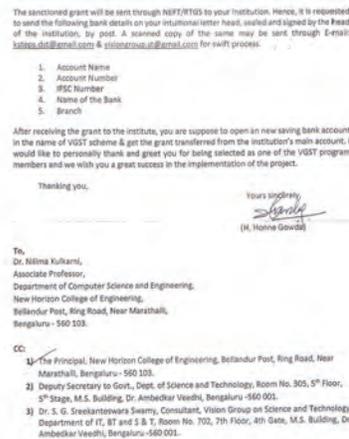
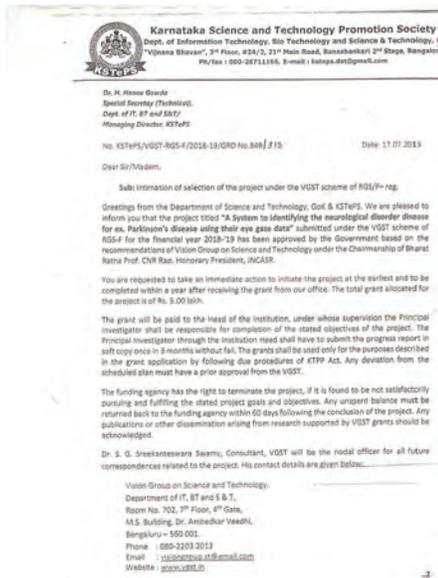
Mr.Sanketh Huddar from IV year CSE applied for the 'Secure and Private AI Scholarship Challenge' Sponsored by Facebook at Udacity. We are proud to say that Mr.Sanketh Huddar is one of 5000* students selected out of more than 7 Lakh applications across the Globe. He is also handling the coordination and Point of Contact (PoC) of the Challenge

He was part of Indo-Israel Space Tech Leadership Program and visited Israel and Samara Summer Space School held at Samara International Research University, Russia! His Start-up was launched at NHCE by Padmashri Prof. R.M.Vasagam during National Seminar on "New Space: An Era of Small Satellites: Opportunities and Challenges" held at NHCE, Bangalore on 11 April 2019!



Research grant from VGST

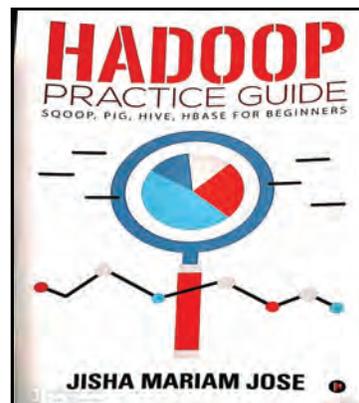
We are proud that Dr.Nilima, Associate Professor, CSE department has received a research grant of Rs.5 lakhs from VGST for her work titled "A system to identifying the neurological disorder disease, for ex. Parkinson's disease using their eye gaze data"

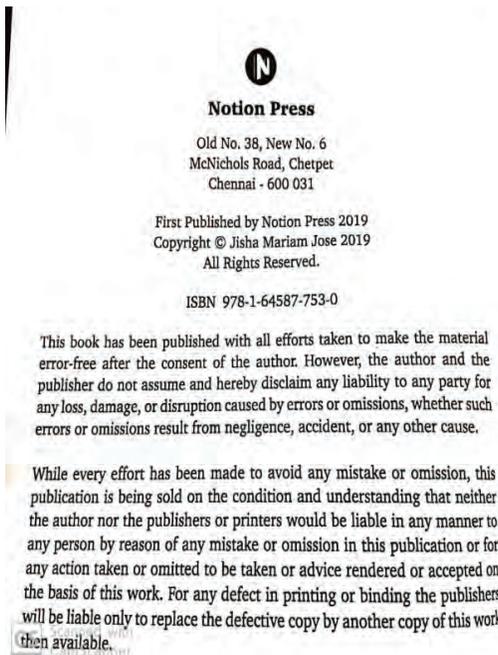


Book Publication by the Faculty of CSE

Book Title: "Hadoop Practice Guide" - SQOOP, PIG, HIVE, HBASE for Beginners

Author's Profile: Jisha Mariam Jose is currently working as Assistant Professor in Department of Computer Science and Engineering, New Horizon College of Engineering, Bangalore, India. She pursued MTech in Computer Information Science from CUSAT, Kerala, India and BTech in Computer Science and Engineering from GEC, Thrissur, and Kerala, India. She has multiple years of teaching experience in data warehousing database-Vertica, Big data analytics using Hadoop, Database Management Systems, Computer Networks and many





others. Currently she is pursuing her PhD in 'Big Data analytics on live stream data'

This book is a complete practical approach for Hadoop lovers. It is mainly aimed for the beginners who want to have a hands-on experience on Hadoop and its ecosystem. The simplicity and step-by-step explanation will help students and other readers in the computer science industry to use this book as a reference manual

The book has been divided into various chapters that covers Hadoop installation, Summary on Hadoop core components, General commands in Hadoop with examples, SQOOP-import & export commands with verification steps, Pig Latin Commands, Analysis using Pig Latin, Pig Script examples, HiveQL Queries and expected outputs, HBase with CRUD operations

Knowledge Transfer Session on Vertica database

The session started with a brief introduction on Big Data and how Vertica database is used in big data scenario. Later complete feature study of Vertica was explained using smart board and ppt. The audience was very interactive, which made the session interesting and fruitful to all of them. Finally after a small break, the session was continued with hands-on experience in Vertica database through Putty terminal

- Speaker Details:
1. Ms. Padmapriya, Sr. AP
 2. Ms. Jisha Mariam Jose, AP

