Two-day International Conference on the Building Knowledge Centers held at NMAM Institute of Technology from 1st and 2nd January 2015 with the support of TEQIP-II. Dr. H. Divakara Bhat, Organizing Secretary welcomed the dignitaries and the gathering. The Dewine lamp was lit by the dignitaries to mark the inauguration. The guest of honor Prof. K. P. Rao explained how information and knowledge were used by various cultural groups all over the world.

Prof. K. S. Raghavan, Visiting Scientist, Knowledge Analytics and Ontological Engineering, PESIT, Bangalore, delivered the key-note address. He explained the importance of libraries and the relevance of libraries in the digital era. New resources, new services and new media should be brought together to bring in such a revolution in libraries, he added.

Technical Session I was started with an invited talk by Prof. Famida Handy, Professor, University of Pennsylvania. She explained the role of University Libraries then and now. Libraries are no longer the only sources for information and are facing severe competition from other agencies. According to Prof. Handy, users expect services with speed, simplicity, least cost related to time and money as well as which provide valid information.

Technical Session II: The second day of the conference was started with the technical session II, which was chaired by Dr. Anuradha V. Shri Ganapathi Bhat acted as the rapporteur for the session. The first item in the sessions was the invited talk by Dr. Wathmenel Seneviratne, she explained the earlier methods of archiving knowledge were explained in detail by Prof. Rao. The research bulletin incorporating the extracts of research articles published by NMAMIT is released by Prof. K. P. Rao. The CD containing the conference proceedings is released by the Principal, Prof. Niranjan N Chiplunkar. The Principal in his presidential address reiterated that the present system of education being student centric and helping in self-learning, the libraries have an important role to play. All the dignitaries and invited speakers were felicitated at the function.
Technical Session IV: The last technical session was chaired by Dr. Manjunatha. Rapporteur was Sudhakar K.

Preetham Shetty, presented his survey on the e-resources in Alvas Institute of Engineering & Technology, Moodbidri. Saritha Kedar Joshi, presented a paper on use of ICT for knowledge management in Academic Libraries. Later Poogo Bhat, Helen and Shini Gopinath presented their research papers. Dr. Anuradha, Chairperson concluded the session stating that the papers presented in the session were of high standard and thanked everyone for cooperation for the smooth conduct of programme.

Workshop on IEEE student chapter on the topic "Research Methodologies" held on 23rd January 2015

A one day workshop was conducted under the aegis of IEEE student chapter on the topic "Research Methodologies". The event was organised on 23rd January 2015 and it was sponsored by TEQIP.

Dr. Rathnamala Rao, Staff coordinator of IEEE Students chapter, briefed about the need of research work as a part of the curriculum and highlighted the benefits of the workshop.

Principal Dr. Niranjan N Chiplunkar wished all success to the program.

The first session was conducted by Dr. Chandra Sekaran, Professor NITK Surathkal. He addressed the students on psychology of a good researcher and research work.

Post lunch session was conducted by Dr. Narayan S. Iyer. In his talk, he highlighted on the do’s and don’ts of research work and highlighted various aspects where research and projects can be carried out.

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Details of Meetings organised during June 2015

1. Board of Studies meeting on 6th June and 13th June 2015.
2. Academic Council meeting on 18th June 2015.
3. Board of Governors meeting on 26th June 2015

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DEPT. OF COMPUTER SCIENCE & ENGINEERING

One day Intercollegiate Workshop on
Internet of Things using Intel Galileo
held on 23 January 2015

Dept. of Computer Science and Engineering, NMAMIT has organized one day Intercollegiate workshop on “Internet of Things using Intel Galileo Board” on 23rd January 2015 in collaboration with the Intel Corporation, which has donated 80 Intel Galileo Boards to NMAMIT, Nitte at free of cost for experimentation on IOT Projects.

50 Students and 10 Staff from NMAMIT and other colleges have participated. Mr. Sainath Shanbag from Intel Higher Education Initiative from Bangalore was the resource person. Participants had hands-on experience on the Intel Galileo boards and were given demonstration on how to use the boards for doing Internet of Things projects. Dr. D.K. Sreekanta, The Intel SPoC has coordinated the workshop.

The workshop aimed to motivate third year students of CSE, ECE and ISE dept. to work on IOT projects using Intel Galileo board and participate in National and International exhibitions on Internet of Things conducted by Intel Corporation and other companies.

50 Students and 10 Staff from NMAMIT and other colleges have participated. Mr. Sainath Shanbag from Intel Higher Education Initiative from Bangalore was the resource person. Participants had hands-on experience on the Intel Galileo boards and were given demonstration on how to use the boards for doing Internet of Things projects. Dr. D.K. Sreekanta, The Intel SPoC has coordinated the workshop.

DEPT. OF MECHANICAL ENGG.

Intra branch technical event OVERHAULIN ’15 held on 14 February 2015

Association for Interaction of Mechanical Students (AIMS) under the department of Mechanical Engineering organised a one day intra branch technical event “OVERHAULIN ’15” on Feb. 14th, 2015.

Mr. A. Balakrishna Shetty, General Manager (Production), M/s Lamina Foundries Ltd., Nitte was the chief guest and Dr. Niranjan N. Chiplunkar, Principal presided over the function. The inauguration programme started at 9.15 am with an invocation by Mr. Nikhil Shee of 8th sem. Dr. Subrahmanya Bhat K., HOD Mechanical Dept., fltorally welcomed the chief guest. Mr. Sathyakumaran, AIMS branch president gave an overview of the fest. The event was inaugurated by lighting the lamp from the dignitaries followed by the release of the branch magazine “MECHASTROKKE”. Dr. I. R. Mithanthaya, Vice Principal & Dean (Academics), Dr. Shrinivasa Rao B. R. (Vice Principal & Controller of Examinations), Dr. Sudesh Bekal (Dean, R&D), Dr. Shashikanth Karinka (P. G. Co-ordinator), AIMS co-ordinators Prof. Krishnaprasad, Prof. Gynal D’Mello and Prof. Melwyn Castelino were present during the inauguration. The chief guest in his speech gave an overview about LAMINA Foundries and also about the job availability in the production
sector all-round the globe. He congratulated the students for organising such a technical fest which will be helpful for students in developing their technical skills and understanding the difficulties in developing the components/parts. Dr. Niranjan N. Chiplunkar, Principal delivered the presidential address. He mentioned the importance of organising such type of technical fests which can motivate students to conduct lot of technical activities in the department. Ms. Ashwitha Tunga, 8th Sem compered the programme and proposed the formal vote of thanks. Four events were organised by the students. Royal challenge, R U Creative? and Master Mind were intra branch events and The Last Minute was an interbranch quiz event. About 200 students from different semesters and also from other departments participated in the day long event.

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Self Defend programme - "SURAKSHA FOR WOMAN" held on 18th of February 2015

A Self defend event for the girls for NMAMIT, Nitte was conducted on 18th of February 2015. It mainly focused on Creating an awareness pertaining to simple and effective techniques for female students on how to defend themselves when they are being attacked and harassed by others. The event was conducted by the Marshal Artist Mr. Karthik S. Kateel and his team. In his training programme Mr. Karthik S. Kateel demonstrated how to protect themselves when the girls are being attacked in different circumstances. The girl students are also participated in the Practical demonstration given by Mr. Karthik S. Kateel.

The programme was very interactive and live with more practical applications which increased the confidence level of the girl student which is very essential in the present scenario. About 200 girl students from NMAMIT, Nitte are participated in this programme.

"Seminar Week – 2015" Organized by Department of Electrical and Electronics Engineering And ELITES, February 20 – 26, 2015.

The Seminar Week is an annual event of E & E Engg dept, NMAMIT, Nitte where experts from various fields delivers the lecture in the field of their expertise for the benefit of students and helps them in knowledge enhancement and personality development.

Day 1: The technical talk by Dr. M.K. Parasuram, Director, Dept E & C Engineering, NMAMIT gave us insight into the working of DC – DC Converters and their types.

Day 2: The technical talk by Prof. Suryanarayana K, Associate Professor, Dept. of EEE, NMAMIT gave us insight into the Application of Mathematics engineering. The few topics which were discussed are the importance fourier transform and laplace transform, Stability analysis etc.

Day 3: Interactive session on "How to overcome your fears" by Prof. Vishwanath, Assistant Professor, Dept of Humanities, NMAMIT gave us insight into how fear accumulates in the humans and what are means by which one can overcome fears.

The valedictory session of the eventwas presided by Dr. Niranjan N. Chiplunkar, General Chair of the conference and Principal of NMAMIT, Nitte. Dr. Balasubramani R welcomed the gathering. Dr. Sudarsan, Group Manager, ABB Corporate Research Centre, Bangalore being the Chief Guest of the day gave away the prizes to the Best papers in each stream and delivered the valedictory address. Dr. J. R. Mithantaya, Vice Principal and TEQIP Coordinator gave away participation certificates.
Day 4: Interactive Session on “The West and The East – How to Take in The Best from All Cultures / Peoples” by Professor K. Sankaran, Director, Justice K.S. Hegde Institute of Management, Nittedeal with cultural differences between the east and west.

Day 5: Talk on “Psychology of college students” by Dr. P.V. Bhandary, Director, Dr. A.V. Balliga Group of Institutions dealt with the psychological issues of college students such as Exam anxiety, Drug addiction etc.

Parents-Teacher’s meet

The Institution organized Parents-Teacher’s meet to discuss the II semester end examination results was held on 21-02-2015 at 9.00 A.M in "Sowparnika Seminar Hall". All IIth semester class advisors were present on that day. All teachers who handled the Ith semester subjects and those who are handling the IIth semester classes from the respective departments were attended the meeting for the interaction with the parents between 10.00 A.M to 12.00 noon.

About 70 Parents were attended the Meeting. Dr. R. Mithanthaya, Vice Principal and Dean(Academic) welcomed all the parents and briefed about the importance of the Parent-Teacher’s Meet every year in connection with the Performance of the Students in the academic related matters. Prof. Vinay B R – First year co-ordinator briefed about Ith Semester End Examination results and also told about the preventive measures such as the Coaching classes arranged for weaker and needy students in the end of the day.

Prof. T.N. Shanbhogue, an industrialist and Professor of Electrical and Electronics Engineering, Canara

International Conference on Emerging Trends in Engineering-2015 (ICETE-2015) held on 8th through 9th May, 2015 organized by Department of Information Science and Engineering, NMAM Institute of Technology, Nitte and sponsored by TEQIP II received a warm welcome with more than 230 research papers arrived for presentation. Thanks to more than 100 competent technical reviewers, the conference witnessed the presentation of 80 young researchers representing 20 institutions across the country in four streams of engineering and technology presenting their views in front of an international audience and publishing their findings with an ISBN number getting recognized in the academic, scientific and
Dr. Balasubramani R, HOD-ISE was the convener. Participation certificates to all the successful participants were distributed during Valedictory. The workshop was arranged under the guidance of Dr. I.R. Mithanthaya, Vice Principal & TEQIP Coordinator and Dr. Niranjan N Chiplunkar, Principal, NMAMIT.

Department of Computer Science and Engineering
National Workshop on Computing Systems Research
held on 25 to 28 March 2015

The workshop was inaugurated by lighting the lamp in the presence of Dr. Kishore Kothapalli, Dr. Yogesh simhan, Dr. Niranjan N Chiplunkar, Dr. I. R. Mithanthaya, Dr. Saroja Devi, Dr. Balasubramani, Dr. B. Neelima and other organizing members and participants. The first and the fourth sessions were handled by Dr. Kishore Kothapalli, Assoc. Professor, IIT-Hyderabad on "Parallel Algorithms for Real World Graphs". The second and third sessions on day 1 were handled by Dr. Yogesh Simhan, Asst. Professor, SERC, Indian Institute of Science (IISc), Bangalore on "Distributed Platforms for Big Data Applications".

Day 4 started with CUDA hands-on session by Dr. B. Neelima followed by a talk on C++AMP and Machine Learning in HPC by Mr. Gururaj, Alumni of NMAMIT, Nitte. A formal valedictory function was organized to distribute the certificates and take feedback from the participants. All the participants were very happy with the content of the workshop and appreciated the hospitality and the organization. Then it was followed by another hands-on session on CUDA libraries and advanced program hands on session by Dr. B. Neelima before concluding the workshop.

Department of Electrical & Electronics Engineering
National Conference on Advances in Electrical Engineering
held on 2 April, 2015

Department of Electrical and Electronics Engineering organised National conference on Advances in Electrical Engineering (NCAEE-15) with the theme: "smart grid and energy storage systems on 2nd April 2015. Dr. K. Panduranga Vittal, Professor, Electrical and Electronics Engineering department NITT surathkal inaugurated the conference. Sri.N.Vinaya Hegde, President NITTE education trust and Chancellor Nitte University, Dr. Niranjan N Chiplunkar, Principal, NMAMIT, Dr. Nagesh Prabhu, HOD, Dept. of E&E NMAMIT, Nitte, Prof. K. Vasudeva Shettigar, Associate Professor, Dept. of E&E NMAMIT, Nitte and Mr. Ravikiran and Mr. Dinesh Shetty Assistant Professors, Dept.of E&E, NMAMIT...
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Dr. K Panduranga Vittal, Professor, NITK, Surathkal was the chief guest and delivered the keynote address in which more than 60 scholars from across the nation participated as per the press release received from the office of the Principal of the college. Dr. Vittal stressed the need for an advanced energy distribution automation system for the efficient utilization of the electrical energy. He said, “Peak load detection, power smoothing for large solar arrays, storage of peak energy are the areas where reforms should take place to address the requirements of primary markets of distributed energy storage systems”. He advised the researchers to work on the emerging areas of smart grid like Microgrids for improved defence and restoration plans, enabling maximum energy efficiency, interaction with energy storage systems. He touched upon the energy storage principles, especially, storage and load management, balancing the photovoltaic production during generation peaks etc in his keynote address.

Principal of the college, Dr. Niranjan N Chiplunkar welcomed the gathering. Dr. Nagesh Prabhu, HOD, Dept. of Electrical and Electronics Engineering, NMAMIT, Nitte introduced the chief guest. Assistant Professor Cifha Cecil Saldhana anchored the function.

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This workshop was initiated with talk on opportunities for jobs in this area of big data and focused on some advanced tool in the area of Big Data Analytics, which covered Hadoop multi node installation, Hive and Pig installation, as well as some basic program on these tools. This workshop was organized by Mr. Naveen D Chandavarkar, Asst. Prof., Dept. of CSE.

“Advancement in Big Data Analytics and Hadoop”

Part I:

Microsoft Innovation Center (MIC) has conducted a workshop on “Advancement in Big Data Analytics and Hadoop” held on 2nd April 2015.

“Advancement in Big Data Analytics and Hadoop”

Part II:

Microsoft Innovation Center (MIC) has conducted a workshop on “A Touch to Big Data Analytics and Hadoop”. This workshop started with a keynote address by Hemanth Kumar G. Asst. Prof - II, Dept. of CSE, which focused on latest trends and facts in big data analytics and job opportunities in this area, in the presence of Dr. Sarojadevi Hande, HOD, Dept. of CSE.

This workshop also covered the installation process of Hadoop and Map Reduce programming sessions, which covered basic programs handled by Uday kumar, PG student, Dept. of CSE and Organized by Naveen D Chandavarkar, Asst. Prof., Dept. of CSE and Rajeevan K V, System Analyst, Dept. of CSE.