

# NITTE



# News

VOLUME 7 | JANUARY - DECEMBER 2010

House Magazine of Nitte University and Nitte Education Trust



AB Shetty Memorial Institute of Dental Sciences



NMAM Institute of Technology

## Silver Jubilee Celebrations



STUDSAT-1

Student Satellite by NMIT

The first Pico-Satellite launched by India

# FOUNDER

Justice K. S. Hegde  
30.8.1909 - 25.12.1990  
Smt. MEENAKSHI S. HEGDE  
24.11.1909



Justice K. S. Hegde  
(1909 - 1990)

## *Change with the changing times.*

**W**e stand on the threshold of an exciting new era in education. The quality of education in primary, secondary, higher and professional areas are being reviewed and revamped to keep pace with the changing times. The approval of accrediting agencies for instance is an important step towards assessing quality of education provided by any institution. A whole gamut of issues from regulation to technology, from teaching methodology to faculty training, from research and development to infrastructure up-gradation are being addressed.

To make education functional and relevant, educational institutions should develop appropriate infrastructure, adopt pertinent technology and methods of instruction laying emphasis on quality and content of knowledge. Nitte institutions are making constant efforts and investments in up-gradation of the existing facilities, adding futuristic infrastructure and equipments in addition to various campus initiatives like faculty training, national conferences, student exchange programs, foreign collaboration etc. It is a matter of pride that most of our institutions are approved by NAAC and NBA.

Over the years 'Nitte' has evolved into a distinct brand name in diverse streams of education contributing significantly to the nation's competent human resource. We should further our efforts to go beyond usual practices and make our institutions vibrant and outstanding in every way. We have at our disposal adequate infrastructure, technology and resources; advanced ways and means to make education excellent. We must adopt and master innovative techniques and concepts with confidence to meet challenges ahead. We should make sure that the product of Nitte in any discipline of education stand apart in knowledge and capability.

With over 14,000 students in three campuses, Nitte University and Nitte education Trust have a greater role and responsibility in grooming the young generation of our great nation. We are adding more institutions and professional courses in this academic year to provide opportunity to more young men and women in shaping their future. We also have massive plans in up-grading facilities in K S Hegde Hospital with more super-specialty departments to provide state-of-the art healthcare to patients. We need to constantly take stock of our strength and weakness and re-define our priorities in the light of the new challenges. Change with the changing times is a necessity not only a dictum.



**N.V. Hegde**

Chancellor, Nitte University  
President, Nitte Education Trust

# NITTE News

Volume 7 / January - December 2010

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Contributions of articles, news,  
poems, anecdotes, jokes,  
photographs, drawings, paintings,  
cartoons, caricatures etc., are invited  
from students, teachers, employees  
and alumni of Nitte Education Trust  
and Nitte University.



COVER PHOTO: Inauguration of Silver Jubilee celebrations of AB Shetty Memorial Institute of Dental Sciences and NMAM Institute of Technology

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## *Let us make our institutions par excellent*

Here's the first issue of Nitte News in this year. At the outset, let me thank all institutions and individuals who have sent news materials, articles and photographs for this issue. I am sure you will find this issue of our house journal interesting and informative. Please make it point to send news and articles from your campuses well in advance for the forthcoming issues

This issue of Nitte News has covered news and articles for the past one year from all institutions under Nitte University and Nitte Education Trust. We have redesigned the cover and inside lay-out for a change. Hope you like the new look. I would appreciate your comments and suggestions in this regards.

Three of our institutions - A B Shetty Memorial Institute of Dental sciences, NMAM Institute of Technology and MRP Industrial Training Institute have celebrated Silver Jubilee in the past year. I take this opportunity to congratulate the Heads of the institutions, faculty, staff and students for making these institutions par excellent. I am sure, our faculty and staff will take forward the spirit of achieving greater goals.

For over three decades, Nitte Institutions have been engaged in empowering young men and women in their pursuit of shaping a bright future. We have had the privilege of training hundreds of students in various courses in our institutions. We cherish guiding them and make them walk tall in their realm. I am happy that they consider us worthy of being proficient and competent in imparting knowledge and direction in their life.

I am glad most of our institutions have passed the stringent parameters laid down by NAAC and NBA and are accredited. NAAC or NBA approval is not the last seal of quality but the beginning of better standards. We must sharpen our tools and expertise in our pursuit of excellence and creating an environment that is conducive for better learning. Let us make our institutions par excellent.



**Vishal Hegde**  
Trustee, Nitte Education Trust

## 6th Graduation Day



The 6th Graduation Ceremony was held on 28th February, 2010 at the college auditorium. Prof. Sandeep Sancheti (Director, NIT-K Surathkal) was the chief guest. Dr.M.Shantharam Shetty, Vice-Chancellor, Nitte University delivered the keynote address and Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust presided over the function. The first batch of Post Graduates were conferred with degrees.

### Students' Council Activities



The annual literary and cultural inter-batch fest was held between 8th and 17th February, 2010. It was inaugurated by Dr. M.S.Krishna Prasad, Prof. & HoD of Microbiology.

### Ophthalmology Camp

The Dept of Ophthalmology conducted 17 Ophthalmology camps in three months. In these camps more than 1700 patients were examined.

### Back to Basics

The Department of Orthopaedic Surgery conducted the "Back to Basics III", an initiation program for fresh batch of Interns. This was inaugurated by Dr. Arunachalam Kumar, Dean.

### Athletic Meet

The 11th Annual College Athletic Meet was conducted on 30th January, 2010. Dr Srikanth Rai, President, Dakshina Kannada Cricket Association, Mangalore was the chief guest and inaugurated the meet.

## CME in Paediatric Nephrology



The Department of Paediatrics conducted a CME in Paediatric Nephrology in association with IAP- DK Chapter and Karnataka Paediatric Nephrology Association on 8th November, 2010. The guest speaker was Dr Martin Bitzan, Head of Nephrology Division at Montreal Childrens Hospital and McGill University, Canada. He is also the President of Candian Paediatric Nephrology Association. The CME was attended by the faculty and students of 5 other Medical colleges of Mangalore.

The guest speaker delivered a lecture on Hemolytic Uremic Syndrome its pathogenesis, diagnostic advances and novel treatment options. The lecture was followed by a panel discussion on Management of Nephrotic Syndrome with a discussion focusing on newer drugs used in treating difficult nephrotic syndrome. The panel was moderated by Dr. Sudarshan Shetty, Paediatric Nephrologist and the panel consisted of Dr. Sanjeeva Rai, Director, Fr. Muller Medical College, Mangalore, Dr. Martin Bitzan, Dr Shashidar Baikunje, Head of Nephrology and Dr Sandeep Rai, Professor, Paediatric Surgery.

The CME was inaugurated by the Vice-Chancellor of Nitte University, Dr. M. Shantharam Shetty.

## Paediatrics Quiz for Undergraduates

The Department of Paediatrics in association with Indian Academy of Paediatrics, Dakshina Kannada branch hosted the divisional round of 23rd IAP undergraduates quiz on 18th September, 2010. Ten colleges including teams from Mysore and Hassan took part in the quiz. A MCQ test was conducted to choose the five teams going into the quiz. The Winners were Hemanth Kumar and Surakshith T. K., from Kasturba Medical College, Mangalore.

## Corneal Transplantation

The Dept. of Ophthalmology acquired an Organ Transplantation License on 30th November, 2010. The K.S Hegde Hospital is a life member of the Eye Bank Association of India since October 2002. A license for carrying out corneal transplantations has been obtained.

## World Breast Feeding Week

Inauguration of World Breast Feeding Week 2010 was held on 3rd August, 2010. The theme for this year was Breast Feeding, Ten Steps - the Baby friendly way. This year was the 20th anniversary of the innocent declaration by WHO/ UNICEF in 1990 which pledged to protect, promote and support breast feeding with 10 easy steps.

After the 1990 declaration about 20,000 maternities around the world have become certified as baby friendly hospitals. The theme has been repeated this year for taking stock and to see where we go from here.

Dr Vijaya Shenoy, Prof. & HoD Paediatrics spoke on the theme. Dr Sumanth Shetty, Professor in the department delivered a lecture on "Lactational Failure and its Management".

## ORS Day



ORS (Oral Rehydration Solution) day was celebrated on 29th July, 2010, by the Department of Paediatrics in association with Indian Academy of Paediatrics Dakshina Kannada Branch.

Later the faculty of the Department conducted 3 patient education talks in Kannada, Tulu and Malayalam languages.

## Teenage Day Celebration

Teenage Day was celebrated by the Department of Paediatrics as a part of the IAP celebration at Dr. NSAM Pre-University College, Mangalore on 3rd August, 2010. There were 3 lectures.

1. Adolescent health - by Dr. Vijaya Shenoy, Prof. & Head, Department of Paediatrics.
2. Adolescent Psychological Issues- Dr. Srinivas Kosgi, Asst. Professor, Department of Psychiatry.
3. Oral Health Care for Adolescent- Dr.Arpit Binda, II MDS, (Oral & Maxillo Facial Surgery), ABSMIDS.

## 1st National Conference on Difficult Airway (NDAICON 2010)



The Department of Anaesthesiology organized the first National Difficult Airway Conference (NDAICON 2010) and KSHEMA Anaesthesia update on 20th & 21st November, 2010. This was the 4th national level programme organized by the department. Two preconference workshops, one on Difficult Airway Management and the other on Regional Anaesthesia were conducted on 19th November, 2010. The workshops were held simultaneously. They consisted of interactive lectures, panel discussions, live demonstrations and hands-on skill stations. Sixty delegates participated in Difficult Airway Management and fifty in Regional Anaesthesia workshop. Resource persons for workshops included two international and eight national faculty. The conference was inaugurated by Dr. Subramanyeswara Rao, Superintendent of Police, DK. Dr; Andreas C. Gerber, Former Chief and Current Senior Anaesthesiologist, University Childrens Hospital, Zurich, Switzerland, Dr. M. Shantharam Shetty, Vice-Chancellor, Nitte University, Dr. S. S. Harsoor, Editor, Indian Journal of Anaesthesiology, Dr. Arunachalam Kumar, Dean of the college were the guests of honor. Mr. N. V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust, presided over the function. On this occasion Dr. Kotur P. F., Registrar, KLE University and Editor, SAARC Journal of Anaesthesia, was felicitated for his contributions to the field of anaesthesiology.

Mr. N.V. Hegde formally launched the All India Difficult Airway Association (AIDiAA). The inauguration was followed by an oration by Dr. Ramkumar V., Prof and HoD, Dept of Anaesthesiology, KMC, Manipal on 'Difficult Airway Management - Indian Scenario'.

Apart from this, there were seven lectures and two panel discussions.

'KSHEMA Anaesthesia Update' was held on 21st November 2010. Dr. Ramesh S., Chief Anaesthesiologist, Kanchi Kamakoti Child Trust Hospital, Chennai, delivered the keynote address titled 'Role and Responsibilities of Occasional Paediatric Anaesthesiologist'.

There were nine guest lectures followed by a panel discussion.

The event was attended by 208 delegates from various states of the country. The faculty included a total of twenty seven national and international persons of very high academic standing. Dr. Andreas C. Gerber and Dr. Manish Adke, Consultant Anaesthetist & ITU, Vice Chair of BMA, North Wales, NHS Trust, U K were the international faculty.

A fruitful general body meeting of AIDiAA was held in the precincts of the conference. Various ways to strengthen the training programmes, imparting the skills and knowledge of airway management were discussed.

## Workshops / Symposia / CME

●The Department of Orthopaedics organized a one day Shoulder Arthroplasty workshop cum live surgical demonstration and scientific deliberation. Dr Sanjay Desai was the chief guest and was also the Chief Resource Person and Operating Surgeon. 50 delegates from various hospitals and medical colleges participated. Shoulder replacement was conducted and was viewed live with CCTV connectivity.

●The Department of Community Medicine conducted a Workshop on “Tuberculosis – Opportunities and Challenges” on 5th February, 2010.

●The Department of Community Medicine organized a symposium on “Effects of Drug / Alcohol Abuse & Possible Interventions” on 20th February, 2010.

●A workshop on “Teaching-Learning Methodology” was organized by the Medical Education Unit on 5th February, 2010. 20 faculty from various departments participated.

The Department of Neurology conducted a “World Multiple Sclerosis Day on 26th May, 2010.

Doctors Day was celebrated on 1st July, 2010.

The Department of General Surgery conducted a CME Programme cum Live Operative Workshop on “Varicose Veins-2010” on 14th August, 2010.



The Medical Education held a one day workshop on “How to Write a Dissertation” for the postgraduates of Nitte University on 17th July, 2010. 19 first year postgraduates and 12 second year postgraduates attend the programme. The Deputy Registrar (Evaluation), Dr A P Krishna gave a motivational talk. Former Dean of the College Dr. K. Sudhakar Karanth gave a talk on ‘Ethics in the Medical Profession’.

The Department of ENT organized 3rd “Temporal Bone Dissection” Hands-on Course & 5th National ENT Update with OSCE and Mock PG Practical workshop in “Otorhinolaryngology – Head & Neck Surgery” at from 10th to 12th September, 2010.

The Department of Cardiology & IMA, Mangalore organized the World Heart Day on 26th September, 2010.

The Department of Endocrinology organized a Free Thyroid Checkup camp on 25th May, 2010 at the K. S. Hegde Hospital.

The college celebrated Republic Day on the 26th January, 2010. Dr. A.P. Krishna, Deputy Registrar (Evaluation), Nitte University was the Chief Guest.

The Department of ENT Organized South Zone ENT Quiz competition for Undergraduates on 14th February, 2010

The Department of Radio diagnosis in Association with IRIA Karnataka state chapter conducted a CME and Interactive session on 21st November, 2010.

One day CME on “ESBL: A Clinico-Microbiological perspective” was conducted on 7th August, 2010 by the Department of Microbiology.

Guest speakers, Dr Srikala Baliga, Head of Laboratory Services, KMC, Mangalore and Dr Anup Warriar, Infectious Diseases consultant, KIMS Trivandrum spoke on the issue and gave guidelines for diagnosis and treatment of ESBL infections.

The session concluded with a discussion on the ‘Need and Challenges in implementing Antibiotic Policy’, by Dr. Shashidhar Baikunje, HoD of Nephrology.

The Dept of Paediatrics conducted a CME for postgraduates on 8th August, 2010 on the theme “Paediatric Endocrinology” and followed by a case discussion “A child with short stature”.

### Appointments



**Dr. N. Udaya Kiran**

Professor of Community Medicine w.e.f. 23rd March, 2010.



**Dr. Hrishikesh Amin**

Professor of Ophthalmology w.e.f. 17th May, 2010.

**Staff Achievements / Publications/ Participation in Seminars etc.**

**Dr. Arunachalam Kumar, Dean**

- Nominated to the Editorial Board of the newly launched international peer reviewed journal Dental Hypotheses.
- Received the Intel Sports Innovator Award.

**DEPARTMENT OF BIOCHEMISTRY**

Anil N. Mayekar, H.S. Yathirajan, B. Narayan, B.K. Sarojini, N. Suchetha Kumari: Synthesis and Antimicrobial Studies on New Substituted 1,3,4-Oxadiazole Derivatives Bearing 6-Bromonaphthalene Moiety. International Journal of Chemistry, Vol. 2, No.1. 2010

Nivedita L. Rao, Sukanya Shetty, Krishnaraj Upadhyaya, Prasad R.M, Eric .C. lobo, H.P. Kedilaya and Ganesh Prasad: "Salivary C - Reactive Protein in Hashimoto's Thyroiditis and Subacute Thyroiditis" Journal: International Journal of Inflammation, Volume 2010 Article ID 514659, 5

N Suchetha Kumar, A Veena Shetty, Shwetha, K Ramitha, Siddartha, Suman S Dambal: A correlated study of streptococcus mutans and the status of vitamin 'C' and iron in dental caries - Journal of Advance Researches in Biological Sciences, 2010, 2(1) 27-30.

Amitha Ramesh, Biji Thomas, Aparna anand, Suchetha Kumar: Comparative evaluation of Myeloperoxidase levels among systemically healthy individuals and patients with type 2 Diabetes Mellitus, with chronic periodontitis - A biochemical study - Vol.4, Issue 1, August 2010.

Shenoy Manjunath, Suchetha Kumari N, Shetty Gaurav, Madhu LN, Ramitha K: Status of Lipid Peroxidation and Sialic Acid in Generalized Vitiligo - Journal of Advance Researches in Biological Sciences, 2010 (Special Issue) 33-36.

Suchetha Kumari N, Subhash babu, Naveen P, Shankar Shetty, Praveen MK: C-Reactive Protein and Sialic Acid as markers of Inflammation I type 2 Diabetes Mellitus, Journal of Advance Researches in Biological Sc., 2010 (Special Issue) 37-40.

Biju Thomas, Sunaina Shetty Y, Suchetha Kumari, 2010 Correlation between obesity, diabetes mellitus and periodontal disease in adults - A Clinical and Biochemical study - Vol.4, Issue 1, August 2010

Nivedita L Rao, Sukanya Shetty, Shreesha Khandige, Jyothi D'Souza, Eric C Lobo, Mohammed Sadique A, Krishnaraj Upadhyaya: Estimation of salivary C- reactive protein in malaria: a non invasive, novel way to assess inflammation, Biomedicine; 2010; 30(2):242-246.

Nivedita L Rao, Sukanya Shetty, Umaru N, Jyothi D'Souza, Eric C Lobo, Subin Ahmed, Prasad R.M.: Estimation of C-reactive protein in saliva of patients with pulmonary tuberculosis - Journal of Advance Researches in Biological Sciences, 2010, 2(1) 1-6.

Niveditha L Rao Sukanya Shetty, Krishnaraj Upadhyaya, Prasad RM, Eric C Lobo, HP Kedilaya and Ganesh Prasad: Salivary C- Reactive Protein in Hashimoto's Thyroiditis and Subacute Thyroiditis - International Journal of Inflammation Volume 2010, Article Id 514659, 5 pages do: 10.4061/2010/514659.

Anil M. Mayekar, HS Yathirajan, B Narayana., BK Sarojini, N Suchetha Kumari: Synthesis and Antimicrobial Studies on New Substituted 1, 3, 4 - Oxadiazole Derivatives Bearing 6-Bromonaphthalene Moiety, International Journal of chemistry; 2(1): 38-54.

Anil M Mayekar., Hongqi Li, HS Yathirajan., B Narayana., N Suchetha Kumari: Synthesis, Characterization and Antimicrobial Study of Some New Cyclohexenone Derivatives. - International Journal of Chemistry; 2(2):114-123.

Biju Thomas, Suchetha Kumari, Ramitha K., M.B. Ashwini Kumari.: Comparative evaluation of micronutrient status in the serum of diabetes mellitus patients and healthy individuals with periodontitis., J. Indian Society of Periodontology; 1(14) 46-49.

NS Naveen, Murlimanju, K. Vishal, Amareshwara M Maligi: Craniorachischisis totalis: A case Report published in Journal of Neurosciences in Rural Practice Jan-June 2010 Volume 1, Issue 1. DOI:10.4103/0976-3147.63108

**DEPARTMENT OF FORENSIC MEDICINE**

**Dr. Mahabalesh Shetty, Asso. Professor**

- Appointed as reviewer for Journal of "Neuroscience and Behavioral Health" (International Journal)
- Elected as President of Karnataka Medico Legal Society for the year 2010-11.

Ritesh G. Menezes, Shetty M.: An Autopsy Case of Sudden Unexplained Death Caused by Malaria.. Journal of Forensic Sciences, 2010.

Shetty B.S., Januj Kanchan, Shetty M., Ramdas Naik, Ritesh G. Menezes, Muhammed Sameer, Faizal Hassan: Fatal Electrocution by a suppoort metal wire - case Report Journal of Forensic Sciences 2010.

**Staff Achievements / Publications/ Participation in Seminars etc.**

Shetty BS, Shetty M. et al: Postmortem diagnosis of acute haemorrhagic pancreatitis - Journal of Forensic Legal Medicine (in press) 1st April 2010

**DEPARTMENT OF ANATOMY**

Arunachalam Kumar & Kumar JC: The face as an index in health & disease - Medical Hypotheses, 74 (2) 389-390

Kumar JC, Vivek Y, Arunachalam Kumar & Hegde BM: Oral candidiasis in chikungunya viral fever - Cases Journal, Vol. 3: No. 6

Arunachalam Kumar: Risus sardonius, Hektoen - International Journal of Medical Humanities, Vol. 2: No. 1

Arunachalam Kumar: Gondwana crescent as hub for origin of hominids (chapter in book) - The Philosophy of Evolution, Ed. AK Purohit, Yash Publications, Bikaner

Arunachalam Kumar: Dental caries: cola, calor or calories? - Medical Hypotheses, 74 (3) 613

Vishal Kumar K et al: Craniostomiasis totalis, Journal of Neurosciences in Rural Practice, Jan-June 2010

Jairaj Kumar C: Protecting against diabetic foot disease, Australasian Medical Journal, Vol. 3, No. 2,

**DEPARTMENT OF PHYSIOLOGY**

Sona B, Shailaja SM, Sathees K, Amrith MM. and Harsha HN (2010) " Heart rate variability in healthy offsprings with Parental History of Diabetes Mellitus" Int. J. Bio. Med. Res; Vol.1, issue 4, Page No. 283-286

Shrikant L Patil, Rithesh Reddy G, AP Krishna, Damodara Gowda KM: "Evaluation of antioxidant deficit and lipid profile in type -2 Diabetes Mellitus patients" RJPBCS; Vol. 1, issue 4 Page No.467- 473.

Veena Shetty, Suchetha Kumari N, Damodar Gowda KM, Naveen: Useful Markers to Predict the risk of Diabetic and Non-Diabetic osteomyelitis - Research Journal of Pharmaceutical, Biological & Chemical Sc., July-Sept.2010, Vo.1, Issue 3, Page No.61.

Suchetha Kumari N, Smitha B. Rosario & Damodar Gowda KM: Altered Liver Function and the Status of Calcium in Postmenopausal Women in and Around Mangalore. - Al Ameen J Med. Sc. (2010) 3 (2): 115-119.

Dr. A.M.Mirajkar, Professor & Head is a member of National Editorial Board for National Journal of Basic Medical Sciences - Indexed Journal-ISSN0976 - 6626.

**DEPARTMENT OF MICROBIOLOGY.**

Veena Shetty, Suchetha Kumari N, Damodara Gowda KM, Naveen P.: Useful markers to predict the risk of Diabetic and Non-Diabetic Osteomyelitis - Research Journal of Pharmaceutical, Biological and Chemical Sciences. Vol 3, 61-66.

Shruthi SD, Ramachandra YL, Padmalatha Rai S, and Veena Shetty A : "Antibacterial Potential of Leaf Extracts from Kirganelia Reticulata baill" - International Journal of Pharma, Research & Development - Online (IJPRD) Vol. 2 1-7.

The College has been granted Rs 17.7 lakhs by Board of Research in Nuclear Sciences(BRNS), Department of atomic Energy (DAE), Baba Atomic Research Centre, Govt. of India for the research Project titled "Value addition of different gels and irrigants commonly used among dental patients by exposing to Electronic beam Irradiation." The principal investigator is Dr. A. Veena Shetty, Asst. Prof, Department of Microbiology.

**DEPARTMENT OF PATHOLOGY**

**Dr. Jayaprakash Shetty K**, Prof. & Head is appointed as one of the Board of Editors in the Journal of Neurosciences in Rural Practice

Jayaprakash Shetty, K V Devadiga, Chandrika, Muktha Pai. Unusual presentation of xanthogranuloma of the choroid plexus. Journal of Neurosciences in Rural Practice. July-December 2010/ Vol 1/ Issue 2

Channappa Patil, Harish Permi - Scalp metastasis from squamous cell carcinoma of the lung - Journal of Cancer Research and Therapeutics (JCRT) - 2010, Vol:6/ Issue : 3/ Page : 402-403

Jayaprakash Shetty, Chandrika, Prabhu Laxman - " Renal Cell Carcinoma with Melanin pigment" - Indian J Urol, April-June 2010, Vol 26, Issue 2: 292-3

Bhat S.P, Ramesh NCN, Swetadri GK, D'Souza H, Jayaprakash Shetty, Bhat V - Published an original article of "Clinico-pathological Spectrum of Malignancies of Oral Cavity and Oropharynx - Our experience in a referral hospital"- World articles in Ear, Nose and throat, December 2010 Vol 3(2)

**Staff Achievements / Publications/ Participation in Seminars etc.**

Kishan Prasad, S. Veena, Harish S. Permi, S. Teerthanath, K. Padma Shetty, J P Shetty – “ Disseminated Cutaneous Rhinosporidiosis” – 2010, Journal of Laboratory Physician/ Jan-Jun/ Vol-2/ Issue 1: 44-46

**DEPARTMENT OF PHARMACOLOGY**

**Dr. Sathyanarayana Rao**, Professor

- An experimental study of the anticonvulsant effect of Amlodipine in mice-Singapore Med J 51(5):424-428(2010)
- Influencing factors of QT’c among the clinical characteristics in type 2 diabetes - Mellitus, Diabetes Research & Clinical Practice, 88:265-272(2010)

**DEPARTMENT OF GENERAL MEDICINE**

Nazir Attar, VU Chavan, PM Pawar: Idiopathic Hypokalemic Periodic Paralysis in Pregnancy - Medical Journal of D Y Patil University, Kolhapur. March 2010, Vol.3 Issue 2. Pg- 57- 60

**DEPARTMENT OF GENERAL SURGERY**

Balkrishna N.Shetty: Unusual case of a Projecting intra oral giant Sialolith Case Report: - Indian Journal of Surgery, Volume 72, No.2, March-April, 2010

**DEPARTMENT OF ENT**

Sathish Kumar Bhandary: Sub lingual epidermoid cyst - A case report - Health Vol. 2, No.6, 391-394

Siddhartha, Vijaya Shenoy, Satheesh Kumar Bhandary, Vadisha Bhat, Rashmi: Secretary otitis media in relation to malnutrition – a community based study - World Articles in Ear, Nose and Throat, (2010), Vol3 (2).

Bhat M, Vaidyanathan V.: A case of giant antrochoanal polyp - Journal of Clinical Diagnostic Research, April 2010.

George Pinto, Ashok Kumar Kavitha, Bhat Mahesh, Vaidyanathan Vinay: Clinical and Microbial Study of Otomycosis - Orissa Journal of ORL & HNS, Jan-Jun 2010, Vol 4(1): 8-13.

Bhat M, Vaidyanathan V: Sausage in the Throat – A case of Giant Antrochoanal Polyp - Journal of Clinical and Diagnostic Research, 2010 April; (4) 2281-2285

**DEPARTMENT OF ANAESTHESIOLOGY**

**Dr. Raveendra U.S., Prof. & HoD**

- Elected as Founder Secretary, All India Difficult Airway Association (AIDiAA), national scientific body dedicated to airway management in anaesthesia launched on 20th November 2010.

- Co-authored a poster presentation titled Incidents of ‘Difficult Airway cases in Tertiary Hospital’ at ISACON-2010, Annual National Conference of Indian Society of Anaesthesiologist held at Lucknow, U.P from 27th to 31st December 2010.

**Dr. Gayathri Bhat**, Professor

- Chaired a scientific session on ‘Recent updates in Airway equipments’ during 1st National Conference on Difficult Airway &KSHEMA anaesthesia Update’ on November 2010 at KSHEMA

**Dr. Anand Bangera**, Professor

- Elected as Founder Treasurer, All India Difficult Airway Association (AIDiAA) on 20th November 2010..

**Dr. Sripada G Mehandale**, Assoc. Professor

- Chaired a scientific session on ‘Understanding mechanism of general anaesthesia’ during NDAACON 2010.

**Dr. Sumalatha R Shetty**, Assoc. Professor

- Elected as Joint Secretary, All India Difficult Airway Association (AIDiAA) on 20th November 2010.

Dr Nikhil M.P., Dr P.S.Balakrishna, Dr Anil Shetty, Dr Gayathri Bhat and Dr Raveendra U.S.: ‘Ventilatory obstruction from kinked armoured tube’ – 54-4, 3552356, India Journal of Anaesthesia:

**Manjunath Kamath** - “Case Report-Cardiac myxoma mimicking extension of renal cell carcinoma”- Cardiac Journal

**DEPARTMENT OF OPHTHALMOLOGY**

**Dr. Subrahmanya Bhat**

- “First reported cases of gyrate atrophy of the choroid from Nepal” accepted for publication in British Medical Journal in 2010
- “Pattern of Refractive errors among the Nepalese population: A Retrospective study” published in Nepal Journal of Ophthalmology in 2010

**DEPARTMENT OF DERMATOLOGY**

Holla A.P., Prasad D. A Journal on Dermatology and Sexually Transmitted Diseases Giornale Italiano di Dermatologia e Veneologia 2010 February;145(1):79-88.

**Staff Achievements / Publications / Participation in Seminars etc.****DEPARTMENT OF PAEDIATRICS**

Shah N S, George J, Acharya SV, Lila AR, Sarathi V, Goel AH, Menon P: Cushing's Disease in Children and Adolescents: Twenty Years Experience From a Tertiary Care Centre in India: . Endocr Pract. 2010 Dec 6:1-22

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Acharya SV, Gopal RA, Lila A, Menon PS Bandgar TR, Shah NS: Bone age and Factors affecting skeletal maturation at diagnosis of Paediatric Cushing's Disease - 2010 Dec;13(4)::355-60.

Lila AR, Gopal RA, Acharya SV, George J, Sarathi V, Bandgar T, Menon PS, Shah NS: Efficacy of cabergoline in uncured (persistent/recurrent) Cushing's disease after pituitary surgical treatment with or without radiotherapy - Endocr Pract 2010 . Nov-Dec;16(6):968-76

Acharya SV, Gopal RA, Goerge J, Menon PS, Bandgar TR, Shah NS: Radiotherapy in paediatric Cushing's disease: efficacy and long term follow up of pituitary function - Pituitary 2010 Dec; 13(4):293-7.

Gopal RA, Bothra N, Acharya SV, Ganesh HK, Bandgar T, Menon PS, Shah NS: Treatment of hypogonadism with testosterone in patients type 2 diabetes mellitus - Endocr Pract 2010. Jul-Aug; 16(4) :570-6.

Agarwal A, Shenoy RD, Kamath N: "Systemic Lupus Erythematosus: Issues in Pediatric Intensive care unit – A case series" - Karnataka Paediatric Journal: Vol 24, No. 3 & 4 July- September 2010

**DEPARTMENT OF COMMUNITY MEDICINE**

**Dr. Rashmi**, Asst. Professor, Dept. of Community Medicine as Principal investigator and **Dr. Lekha Pandit**, Professor of Neurology as Co-investigator have taken up a project – INSPIRE (Indian Stroke prospective registry) in Association with St. Johns Research Institute, Bangalore funded by NIH USA.

Rashmi, Vijay Kumar.B: Client Satisfaction in Rural India for Primary Health Care – A Tool for Quality - Assessment, Al Ameen Journal of Medical Sciences, Vol. 3, no 2: page 109-114.

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Rashmi, Vijay Kumar B: Assessment of Quality of service given by Health care provider for tuberculosis in RNTCP programme - Indian Journal of Community Medicine, Vol.35, Issue 2, April-Jun 2010, page 199.

Rashmi: Perception of Mothers about their daughter's future in Rural Karanataka - Indian Journal of Community Medicine, Vol;35, Issue:3, July – September 2010, page 440.

Badiger Sanjeev, Thapar R, Mithra P, Ganesh S, Jain A, Unnikrishnan B. Jayaram S: A profile of patients attending an Anti Retroviral Therapy (ART) centre at a tertiary care hospital in south India - Australian Medical Journal, Vol.3, Issue 6, 2010, page 344-48

Unnikrishnan B, Rekha T. Ganesh Kumar, Rashmi, Sanjeev Badiger: Harassment among Women at Workplace: A cross-sectional study in Coastal South India - Indian Journal of Community Medicine, Vol:35, Issue:2, April-Jun 2010, page: 210.

Krishnamurthy Jayanna, Reynold G Washington, Stephen Moses, Prakash Kudur, Shajy Issac, P S Balu, Sanjeev Badiger, Vivian Mendonca, Santhosh Bhavimani, Pradeep Banandur: Assessment of attitudes and practices of providers of services for individuals at high risk of HIV and sexually transmitted infections in providers of services for individuals at high risk - Sex Transm Infect (BMJ) Vol. 86, Issue: 131, 2010, Page: 135

J P Marja, A Gur: School Environment and Sanitation in Rural India - Journal of Global infection diseases, Vol.2, Issue:2, Ma-Aug.2010, page: 109-111.

A Gur, J P Majra: Has specialization isolated practitioners? -Indian Journal of Dental Research, Vol.21, Issue:1, 2010, page: 146.

Rashmi, Vijayakumar B. Quality assessment of child care in Primary health care settings of central Karnataka Indian Journal of Community Medicine Vol 3 issue 1 Jan to March 2010.

## Students' Achievements

The College Chess men team won the 'Championship Trophy' in the RGUHS Mysore Zone Inter collegiate Chess (M) tournament conducted at Hassan on 17th & 18th September, 2010. The Chess team also won the "Championship Trophy" in the RGUHS Inter Zone Chess Tournament conducted at Chikamagalur on 7th Dec. 2010.

The College Basket Ball Men team won the 'Championship Trophy' in the RGUHS Mysore Zone Inter Collegiate Basket Ball Tournament conducted at Mangalore on 29th and 30th September, 2010. The Basket Ball team also won the Championship Trophy in the Nitte University Inter collegiate Basket Ball Tournament conducted on 11th Aug. 2010.

The College Chess women team won the 'Runner Up Trophy' in the RGUHS Inter Collegiate Chess Competitions conducted on 29th and 30th September, 2010 at Chikamagalur.

The College Volley Ball Women team won the "Championship Trophy" in the RGUHS Inter Collegiate Volley Ball Competitions conducted at Udupi on 22nd and 23rd Sept., 2010.

**Aniruddha Udupa U**, Intern- Participated in the South Zone Inter University Chess Competitions conducted by Sathyabama University, Chennai from 26th Nov. to 1st Dec., 2010.



**Shashank Kotian**, III MBBS has secured Silver Medal in Weight lifting competitions - under 65 Kg to 70 Kg. Category in the RGUHS Inter Collegiate competitions conducted at Mangalore on 30th September, 2010.



The College girls Volley Ball Team won the "Championship Trophy" in the 'ZEPHYR- 2010' Inter Collegiate Volley Ball Tournament conducted Mangalore from 17th to 20th February 2010.



The College boys Basket Ball team won the "Runner Up Trophy" at the National Inter Medical Basket Ball Tournament held Trivandrum from 27th to 29th March 2010.

Final year MBBS students of - **Vidya Sharada Bhat and Swathi**, bagged second prize in south zone ENT undergraduate quiz 2010, conducted by the department of ENT on 14th February, 2010.

**Dr. Nithya C.A**, I year MD (Anaesthesia) got 3rd prize for the poster titled 'Post Operative Pain Relief for Palatoplasty - Is Nerve Block Better Than Opioids?' at the 2nd National Conference on 'Paediatric Anaesthesia' held in Bangalore from 20th to 22nd February, 2010

**Sushma K.S. and Swathi** - won the 1st Prize in Psychiatry Quiz competition conducted on 16th May, 2010.

**Athul Kamath**, II MBBS, secured Second Place in Oral Presentation of ICMR Project work at the IABMS Conference held at Chennai for the Dr. A. Leela Krishnamurthi memorial Award for the year 2010.

The College Athletic Team secured Over all 'Third Place and Men Athletic team won: Second place' in the RGUHS Inter Collegiate Athletic Championship held at Moodabidri from 2nd to 4th November, 2010. The team members are: **Nikhil K**, IV MBBS has secured the Gold Medal in High Jump, silver Medals in the 4x100 mts. relay and 4x400 mts. Relay.

**Ravi Kiran V**, III MBBS has secured silver medals in 4x100 mts. relay and 4x 400 mts. relay.

**Aravind R**, III MBBS has secured silver medals in 4x100 mts. relay and 4x 400 mts. relay.

**Shahil Bansal**, II MBBS has secured silver medals in 4x100 mts. relay and 4x 400 mts. relay.

**Raina D'souza**, III MBBS has secured Silver Medal in Javelin Throw.

**Poonguzhali Liston**, III MBBS has secured Bronze medals in Shot Put and Hammer Throw.

## Silver Jubilee celebration



“Over the past twenty five years, A B Shetty Memorial Institute of Dental Sciences has come to be one of the top ranking institutions in the country” said Brig. Dr. Anil Kohli, President, Dental Council of India. “The cost of education today is too high compared to those days when there were very few institutions in the country to seek admission. Today there are too many colleges but very few are well equipped and well maintained” he added.

He was speaking after laying the foundation for the silver jubilee building on 6th February, 2010.

In his presidential address, Mr. N. V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust said, “we give absolute freedom to the institutions to administer and develop a conducive environment for quality education. On this day, I appreciate Dr. Sridhar Shetty and his team for their dedication and sincere efforts in building this institution. I would say, the credit goes to all of them”.

Dr. M. Shantharam Shetty, Vice Chancellor, Nitte University was the guest of honour. Dr. N. Shridhar Shetty, the first Dean, Mr. Anand Rao, Retd. Administrative Officer of the Nitte Education Trust, Mr. Prabhakar and Mr. Babu Achar, Office Superintendents of the College were honoured on the occasion.

Year long celebrations have been planned to commemorate the silver jubilee of the college. The College is named after Sri Attavara Balakrishna Shetty, the late Health Minister in the Madras Presidency and subsequently, in the Mysore state, who was also a well-known leader of the community.



Those were the days when only institutions with Medical colleges and start dental colleges in Karnataka. AB Shetty Memorial Institute of Dental science was the first stand-alone dental college in the state. It has also reputation of being the second such college in the country. The college was affiliated to Mangalore University.

By the time the first batch of students came to internship program, peripheral health centres were established for their training. Thus, the college made a focused effort in providing good teaching and intensive training from the beginning.

The MDS program was started in 1989. When the government of Karnataka established the Central Health University RGUHS, the college came under its affiliation in 1997. Consistently and continuously, the infrastructure and training facilities were upgraded to provide an excellent academic environment for the students which is evident

from the ranks secured and academic recognition achieved by the students, which is a hallmark of the college. The college has the rare honour of being as one of the first colleges in Asia to be recognized as a training centre for the MFDS and MRCS programs of the Royal college of Surgeons, Edinburgh and England respectively. The institution has signed MOU with Okayama University Dental School, Japan for research and staff exchange. The college is also the academic affiliate of the Oman Dental College of the Sultanate of Oman government.

Consequent to the formation of Nitte University in 2008, the college became its first constituent institution. Today, the college runs the BDS program with an intake of 100, MDS in 8 specializations with an intake of 50, certificate course in oral implantology in collaboration with Frankfurt University, Germany and Fellowship in Craniofacial Surgery. The Nitte Meenakshi Institute of Craniofacial Surgery which is a part of the college specializes in the treatment of cleft and palate anomalies and complex craniofacial deformities. In association with Cleft Children International, Zurich, Swidzerland and Smile Train Organization, USA the institute conducts 750 cleft operations annually free of cost. In addition, weekly camps, one day denture camp, school oral health and hygiene programs are also regular features.

With the kind of infrastructure, faculty, learning and training resources, the college has come to occupy a place of pride in the area of dental education in the country and has been rated as the 12th best Dental college of India.



## CDE on "Advanced Craniofacial Surgery"



A CDE on 'Advanced Craniofacial Surgery' was organised by the Department of Oral and Maxillofacial Surgery on 27th December, 2010. Prof. Hermann Sailer from Zurich, Prof. Kurt Vinzenz from Austria, Prof. David Tauro, Dr. Erika Schwob were the faculty. A scientific quiz was conducted by Dr. S. M. Sharma, Prof. & Head of the Department. Around 60 delegates from various Colleges attended the program.

### Out Reach Activities

A one day denture camp and general camp was conducted at Coimbatore on 23rd & 24th January, 2010 in association with CSR Trust and Lions Club.

45 complete denture patients were treated and the fit and insertion of complete denture was done successfully. The followup was done on the next day.

In the general camp, 750 patients were treated with various procedures which included extraction, oral prophylaxis, restoration and counseling.

### CDE Programmes

The Department of Conservative Dentistry and Endodontics conducted a CDE programme on "Cardiac Consideration in Dental Practice" on 28th October, 2010. Guest Lecture by: Dr. Rajesh U. of the Cardiology Department, KSHEMA.

A CDE programme conducted on "Application of Nanotechnology in Medicine" was held on 20th February, 2010.

### College Day Celebrations

The College Day Celebrations were held on 20th April, 2010. The Chief guest for the function was Dr. Meiyang Chang of Indian Idol, IPL and Bollywood Fame. He distributed prizes to the winners of various college events and enthralled the gathering by singing some latest bollywood numbers.

### White Coat Day

'White Coat Day' was Celebrated on 19th July, 2010. The Chief Guest for the Programme was Dr. Dayanand K. Shetty, Prof. Emeritus of OBG, KSHEMA. Dr. Mithra N. Hegde, Prof. and Head of the Department of Conservative Dentistry and Endodontics gave a lecture on "Importance of White Coat Day".

### Workshops

- The Department of oral and maxillofacial surgery organized workshop on 31st July, 2010 on "Esthetic Facial Surgery", more than 150 participants attended.
- A Workshop on "Research Methodology" was held on 14th March, 2010.



## Workshop

The dept. of Pedodontics organized a Workshop as a part of silver jubilee celebration titled 'Emergencies in Dental Practice' on 5th October, 2010. The guest speaker for the programme was Dr.U.S. Raveendra, Prof. & HoD of Anaesthesia, KSHEMA. Dr. Sumalatha Shetty, Associate Professor, Department of Anaesthesia and Dr. Soumya Rao, Department of Anaesthesia were also in the resource team.

## CONFAB 2010

The Alumni marked the celebration of 25 years by a reunion of the alumni on 18th & 19th September, 2010.

Formal Function on 18th September 2010 was inaugurated by the Vice-Chancellor, Nitte University Dr. M. Shantharam Shetty and Mr. B.R. Hegde, Trustee, Nitte Education Trust was the chief guest.

## NITTE-BRITE TEETH programme

- The Dept. of Paedodontics conducted a School screening camps at Cambridge International School, Canara Primary School and Prestige International School on 22nd, 23rd and 26th February, 2010 respectively.

- A treatment camp was conducted at Higher Primary School Pakshikere on 5th February, 2010.

- A Dental Health Education and check up camp for the children of Higher Primary school, Madur on 3rd July, 2010. About 183 children were screened and a Dental health education talk was given.



## Hands on Workshop

The Dept. of Orthodontics organised a two day interactive Hands-on Course on "Efficient and Effective Orthodontics" on 6th and 7th October, 2010. It was attended by 120 Delegates from all over India. Dr. Ashima Valiathan, Director of Post Graduate Studies, MCOADS Manipal was the Guest of Honour. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust, was the Chief Guest and released a book titled "Clinical Orthodontics" authored by Dr. Ashok Karad, Director, Smile Care (India). Dr. Karad was the resource for the workshop.



## 'Endodontic Extravaganza'

A National Level Staff and Clinician Development Programme 'Endodontic Extravaganza 2010' was conducted in December, 2010. It was inaugurated by Dr. Anne Maria Kuijper - Jagtman, Professor and Chairman, University of Nijmegen, The Netherlands. The resource Persons for this programme were Dr. Kundabala M, Dr. Arathi Ganesh, Dr. Amit Patodia and Dr. Mithra N. Hegde.

## CDE / Workshops

**Department Of Conservative Dentistry and Endodontics**  
"Endodontic update and Rotary Systems in Endodontics conducted by Dr. Mithra N. Hegde " on 21st and 22nd December, 2010.

'Microscopes in Dentistry' was conducted by Dr. Amit Patodiya for the faculty on 21st and 22nd Dec. 2010 at the Department

### DEPARTMENT OF ORTHODONTICS

A workshop on '**Orthodontics -Gen Next**' on the 9th March, 2010. Dr. Nihillesh Vaid, Consultant Orthodontist and Dentofacial Orthopaedician at Breach Candy Hospital, Mumbai, was the Guest Faculty.

A workshop on '**Basic and Clinical Photography**' on Saturday 15th May, 2010. Dr. M.S. Kannan, Balaji Dental College was the faculty.

A CDE Programme on '**Treatment Alternatives for Skeletal Cl. III Malocclusions**' on 22nd June, 2010. Dr. N.R. Krishnaswamy, Vice Principal & HoD. of Orthodontics, Ragas Dental College and Hospital, Chennai, was the Guest Faculty.

A two day Interactive Hands-on Workshop '**Efficient and Effective Orthodontic Treatment Mechnics**' on 6th & 7th August, 2010 in association with Smile Care India.- The Guest Faculty was Dr. Ashok Karad , Director of Smile Care (India.) Dr. Ashok Dhoble, Hon. Sec General , IDA Head Office was the Chief Guest.

### DEPARTMENT OF PERIODONTICS

A 2 day Periodontists Reunion was held on 30th and 31st January, 2010. Over 60 alumni of the department attended the reunion. A CDE programme on "Periodontics - An Overview" was organised as part of the reunion on 30/01/2010. The speakers were: Dr. Praveen Kudva, Jaipur Dental College and Prof. R.P. Nayak, Professor Emeritus of the Department.

### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

A National Level Workshop and CDE Programme On "Esthetic Dentistry " on 26th & 27th June, 2010. Dr. Porus Turner was the resource person.

A one day Workshop on "Anterior Esthetic Restorations and Maintenance Protocol" on 2nd March, 2010. Dr. Mona Kakar was the resource person.

### DEPARTMENT OF PEDODONTICS

A CDE programme on "Nitrous Oxide - Oxygen Conscious Sedation - Why Are We Not Practicing It?" on 19th May, 2010. Dr Srinivas Namineni was the guest speaker.

A CDE program on "Predicatble Implant Function and Aesthetics" was conducted on 9th January, 2010. Dr. C.K. Ashokan, Pariyaram Dental College, Payyanur was the speaker.

## Alumni Meet

The Ortho Alumni organised a Mega Alumni Reunion meet on 16th December, 2010. This programme was attended by over 80 Alumni spread across the world along with their families.

## Staff Achievements / Publications / Participation in Seminars etc.

**Dr. B. Rajendra Prasad**, Principal and Dean, presented a Scientific paper on "Autotransplantation of Tooth" at 35th Annual Conference of Association of Oral and Maxillofacial Surgeons of India held at Coimbatore, India from 1st to 4th December, 2010.

### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS



**Dr. Mithra N. Hegde**, Prof. & HoD

- Appointed as the Personal Dentist to Her Excellency, Smt. Pratibha Devi Singh Patil, President of India.
- Awarded Karnataka Kannada Rajyotsava Award in the Field of Science.

● Present lectures on:

"Esthetic Dentistry" presented at Department of Dental Education, KLE, Belgaum on 23rd February, 2010.

"Esthetics - A Clinical Perspective" presented at Kamineni Institute of Dental Sciences, Sreepuram, Andhra Pradesh on 5th March 2010.

"Biological considerations in Endodontic Therapy" presented at Hasanamba Dental College & Hospital, Hassan on 31st March 2010

Sidharath Naik, Priyadarshini Hegde, Sureshchandra B.:

"Leakage through coronal access preparation of different pulp space sealers after exposure to human saliva - A microbiological study" - Journal of Endodontology, Volume 22, Issue 1, June 2010.

Mithra N. Hegde, Shishir Shetty, Vyapaka Pallavi

"Comparative Evaluation of three different newer direct composite resins using a self etch primer in Class V Cavities". Journal of Conservative Dentistry. Oct- Dec 2009:12(4):160.

**3 posters and following papers were presented at the 2010 XI FODI and IES National Conference held at Bangalore on 28th and 29th May, 2010**

- Chiradeep, Mithra N. Hegde, Darshana Devadiga: Bond strength evaluation of altered enamel surface - An in vitro study.
- Richard, Mithra N. Hegde: Evaluation of the healing pattern of bone following endodontic therapy using direct digital radiography. The paper won the best paper award.
- Jean, Mithra N. Hegde: "Cytotoxic evaluation of root canal sealers on human gingival fibroblasts" An Ex-vivo study.

### DEPARTMENT OF PEDODONTICS AND PREVENTIVE CHILDREN DENTISTRY

**Dr. Amitha M Hegde**, Prof. & HoD

- Selected as President of ISPPD 2011
- Presented a guest lecture on "Special care for special ones: Pediatric hospital dentistry" at Pedodontic Academia organized by Maruti Dental College in association with IDA, Bengaluru, October 29, 2010.
- Presented a paper titled "Amoxicillin truly the wonderdrug in children with congenital heart disease...???" at the 32nd National Conference of ISPPD held on 12th to 14th November, 2010 at Amritsar, Punjab.

**Dr. Kavita Rai**, Professor

- Presented a poster titled "Efficacy of Light Sources and Curing Distances on the Surface Microhardness of Composite Materials" at the International Conference on Recent Trends in Materials and Characterization (RETMAC 2010) on 14th and 15th February, 2010, at NITK Suratkal.
- Won the 1st prize for the paper titled "A Case Report on Hypodontia; Challenges in treatment of True partial hypodontia at the IDA Dental Conference held on 12th February, 2010 at Chennai.
- Presented a guest lecture on "Dignity in disadvantage - An overview of dental management in medically compromised individuals" at C.D.E. Program organized by IDA, Coorg Branch at windflower resorts, Suntikoppa on 21st of December, 2010.

**Dr. Manju Gopakumar**, Reader

- Presented a guest lecture on "Infant Oral Health and early childhood caries" at C.D.E. Program organized by Century Dental College, Kasargod on 18th September, 2010.
- Tooth morphology - A reliable tool for gender determination - A review - Medico-legal Update. January-June 2010, vol.10, No.1 Pg 27-30
- Presented a paper titled "Hidden in the dark - 'Child abuse and Dental neglect' - A Pediatric Dentist's Role" at the 7th National Conference of the Indian Association of Forensic Odontology from the 10th and 11th April, 2010 at Chennai.

**Dr. Amarshree Shetty**, Reader, presented a paper titled

"Consonant mis-articulation in cleft patients" at the Asia Pacific Dental International Conference (APDC 2010) from the 12th to 16th May, 2010 at Colombo, Srilanka.  
Amitha M. Hegde / Kavita Rai / Arun M. Xavier: Tailoring oral health needs through a dental home: a necessity - Indian Dentists research and review. January 2010, Vol. 4, Issue 6, Pg.66-68

## Staff Achievements / Publications/ Participation in Seminars etc.

Preeth Shetty, Amitha M. Hegde, Kavita Rai: Introduction to finite element analysis - JCPD 2010 VOL.35 (4)

Vabitha Shetty, Amitha M. Hegde, Kavita Rai, Srikala Bhandary: Oral health status of visually impaired children regarding their oral health - JCPD 2010 VOL.35 (4)

Amitha M. Hegde, Dr. Eby Varghese, Dr.Pradeep K.N.: Knowledge of dental trauma among mothers in Mangalore Dental traumatology 2010; 26:325-329

Arun, Amitha M. Hegde: Preventive protocols and oral management in childhood leukaemia: a paediatric specialists role - Asian Pacific journal for Cancer prevention 2010; 11: 39-43.

Manju Gopakumar: Tooth morphology – A reliable tool for gender determination – A review Medico-legal Update - January-June 2010, vol.10, No.1 Pg 27-30

Kavita Rai / Amitha M. Hegde / Sridhar Shetty / Suchetha Shetty: Estimation of Salivary Cortisol in Children with Rampant Caries - JCPD 2010 VOL.34 (3) 249-252

Akhilesh Sharma / Amitha M. Hegde: Primary Oral Myiasis Due to *Chrysomya bezziana* Treated with Ivermectin – A Case Report - JCPD 2010 VOL.34 (3) 259-262

Hegde AM / Dr. Pradeep Kumar: Lead toxicity in children – A review - Medico legal update Jan – June 2011, Vol 7, issue 1.

R Gopakumar / Manju Gopakumar: Forensic Odontology – a pedodontist's perspective Medico legal update July – December 2010, Vol 10, issue 2. pg 42-44

Preeth Shetty / U.S.Krishna Nayak / Anjali Shetty: Salivary Diagnostics – Late Bloomer to Clinical Frontline Indian Dentists research and review. October 2010, Vol. 4, Issue 6, Pg.52-55

Preeth Shetty / Adrija Kar: Prevalence of *Escherichia Goli* and *Enterococcus faecalis* in pulp space of Human deciduous teeth with irreversible pulpitis Guident November 2010, Pg 31-33

### DEPARTMENT OF ORTHODONTICS



**Dr. U.S.Krishna Nayak,**

Prof., HoD & Dean (Academic),

- Has been elected as the Vice President of the International College of Dentists (U.S.A) - (India & Srilanka section)

- He was also invited as an overseas examiner at Penang International Dental college, Malaysia.

- Elected as the President of the prestigious Pierre Fauchard Academy, India Section

- He has Delivered a Guest Lecture at Dentistry 2010 - Bangalore on 24th July, 2010

- He Conducted a one day CDE Programme on “Orthodontics - A Matrix Unravelling” at Jalandhar , Punjab on the occasion of the 50th year of IDA Punjab State Branch.

- Delivered Guest Lectures on “Creating Smiles is serious Business” at Penang International Dental College, Penang Malaysia & Malaysia Dental Association Kuala Lumpur , Malaysia in March 2010.

### Publications

U.S. Krishna Nayak, M.S.Ravi, Deepu M., Rashmi Bhat: Cant of posterior occulusal plane in class II division I patients – A Cephalometric Study Volume 44, Number 1 January-March, 2010 ISSN: 0974-9098 Page No 23-31

U.S. Krishna Nayak, M.N.Kuttappa, Ashutosh Shetty and Farhat Godrawala: Evaluation of True Incisor intrusion attained with mini implant Anchorage system for the correction of deep overbite Volume 44, Number 2 April -June 2010 ISSN: 0974-9098 Page No. 18-24

U.S. Krishna Nayak, J.M. Jeyraj, Jatin Ahuja have bagged the Award for “Best Scientific Paper” Published in the Journal of Indian Orthodontic Society in 2010 issue titled (Evaluation of Proximal Alveolar Bone Level Changes During Orthodontic Treatment - A Comparative Clinical Study)

U.S. Krishna Nayak, Varun Goyal, wathi Gupta, Sanjay L Naduwinmani: Lasers in Orthodontics - February 2010 Page No12- 20 - Vol 4 Issue 7:

U.S. Krishna Nayak, M.S. Kannan, Daryl Crasta and Neha Gogia: Rapid Maxillary Expansion – The Contemporary Perspective Dentist March 2010 18-28 Vol, 4 Issue 8.

**Dr. Ashutosh Shetty** - Won 2nd Prize in Scientific Poster Presentation (Clinical) for his poster titled '3D Imaging -

## Staff Achievements / Publications/ Participation in Seminars etc.

Clinical Application' at the 45th National Orthodontic Conference 2010 held at Mangalore on 17th to 19th Dec. 2010.  
U.S. Krishna Nayak, Abhishek Gupta and Animesh Agarwal: Distraction Osteogenesis – The Burgeoning Bone. ISSN 0973-7499 - Volume 4 Issue 10 June 2010 - Indian Journal of Dental Research

U.S. Krishna Nayak, Abhishek Gupta, Animesh Agarwal and Varun Goyal: Practice Management 9-10 February 2010 Vol VI, Issue 2 - Indian Journal of Dental Research

U.S. Krishna Nayak, Abhishek Gupta, Animesh Agarwal and Varun Goyal: Tooth Tattoos IDA Times - March 2010 11Page Volume VI Issue 3 - Indian Journal of Dental Research

U.S. Krishna Nayak, Varun Goyal, Swathi Gupta: Smiling in the Time of Recession - 17-18 April 2010 Vol VI, Issue 4 - Indian Journal of Dental Research

U.S.Krishna Nayak, Vinita Goyal: Visualizing the imagination – PartI (Page16 June 2010 Vol VI, Issue 6, ISSN 0974-3952C) - Indian Journal of Dental Research

U.S. Krishna Nayak, Reshma Nayak, Nikhilanand Hegde, Sailesh Deviah and Shailesh Shenava: Role of Drugs in orthodontics - Jan 2010 3-4 Volume 3 Issue 2 - Indian Journal of Dental Research

U.S. Krishna Nayak, Abhishek Gupta, Animesh Agarwal, Varun Goyal, Nikhilanand Hegde: Let 's go Digital... A Peek into Computer Applications in Orthodontics 25-28 February 2010 Vol. 3, Issue 3 - Indian Journal of Dental Research

U.S. Krishna Nayak, Nikhilanand Hegde, Abhishek Gupta, Animesh Agarwal and Varun Goyal: Medical Emergencies for Orthodontic Patients – Part -I 4-8 February 2010 Vol. 3, Issue 3 - Indian Journal of Dental Research

U.S. Krishna Nayak, Vinita Goyal: Medical Emergencies for Orthodontic Patients-Part-2 15-18 March 2010 Vol. 3, Issue 4 - Indian Journal of Dental Research

U.S. Krishna Nayak, Azhar Mohammed, Yatish Joshi and Mandava Prasad: Strip with Confidence - February- March 2010 Issue I Volume -10 - Dental World

U.S. Krishna Nayak, M.N.Kuttappa, Abhishek Gupta, Animesh Agarwal and Varun Goyal: Magnetism in Orthodontics - April- May 2010, Issue 2- Vol 10 Page 14 - Dental World

U.S. Krishna Nayak: Surgery during Growth – Is it a Good Idea?- Dental Dialogue (Official Journal of the Indian Dental Association Maharashtra State Branch) - Volume XXXVI No 1 Jan March 2010 - ISSN NO. 0970 – 4167 Page No 45-49

**Dr. Dhiraj Shetty**, Reader

Conducted a 3 day Hands on workshop on lingual orthodontics in Mumbai during February 2010.

### DEPARTMENT OF PERIODONTICS

**Dr. Biju Thomas**, Prof. & HoD

- Presented a lecture on - Supportive Periodontal Therapy at the 2nd Rapid Review and Revision in Periodontics & Implantology, Chennai Jan. 2010

- Presented a lecture - 'Interdisciplinary Therapy – A periodontist's perspective' at International Academy of Periodontology, Chennai in August 2010

- Conducted a CDE on "Interdisciplinary periodontal therapy at Govt Dental College, Trivandrum in Sept 2010

- Presented a paper 'Comparative evaluation of Sialic acid levels in the serum of type 2 DM patients and healthy individuals with and without periodontal diseases at the 35th National Conference of Indian Society of Periodontology, Bangalore in Oct 2010.

- Presented a lecture - Periodontics: past, present and future' in 43rd Kerala State Dental Conference in Nov. 2010

**Dr. Amitha Ramesh**, presented a paper - Rehabilitation of a fractured tooth: A Case Report at the 3rd National Conference of ISPRP, Mysore July 2010

Biju Thomas, Suchetha Kumari: Comparative Evaluation of Micronutrients status in the serum of Diabetes Mellitus Patients and Healthy Individuals with Periodontitis - Journal of Indian Society of Periodontology, Issue 1, Vol 14, May 2010, Aparna Anand, Amitha Ramesh, Biju Thomas: Marfan's Syndrome: A Case Report- Journal of Indian Dental Association, vol 4, No. 5 May 2010.

Rajiv Subbaiah, Biju Thomas, Maithreyi VP: Self inflicted traumatic injuries of the gingival – A case series- Journal of International Oral Health Vol 2 ( Issue 1) June 2010

Biju Thomas, Suchetha Kumari: Comparative Evaluation of Micronutrients status in the serum of Diabetes Mellitus Patients and Healthy Individuals With Periodontitis - Journal of Indian Society of Periodontology, Issue 1, Vol 14, Jan 2010. Mamatha Shetty, Amitha Ramesh, Biju Thomas: Periodontal disease in pregnancy is a risk factor for pre-eclampsia - Acta

## Staff Achievements / Publications/ Participation in Seminars etc.

Obstet Gynecol Scand 2010. May: 89(5): 718-721

Vinita Bloor, Biju Thomas: Comparison of periodontal status among patients with cleft lip, cleft palate and alveolus - Journal of Indian society of Periodontology 2010, Vol 14 Issue3

### Research Project (Grants by Nitte University)

Dr. Amitha Ramesh, Co-investigators - Dr. Biju Thomas, Dr. Nina Shenoy: Title: Bone Mineral Density and its Correlation with alveolar bone loss in menopause, with serum calcium as marker.

### DEPARTMENT OF PROSTHODONTICS

Dr. Krishna Prasad D, Professor & HoD was awarded the Best Paper for "Cast the spell and change a life way to achieve successful auricular Prosthesis - An Insight" at 38th IPS Conference held at Indore on 11th to 14th Nov. 2010

Dr. Chethan Hegde, Professor

- Presented a paper titled "Derived eccentric maximum intercuspal position in mutilated dentition - Case Review" at 38th IPS Conference held at Indore on 11th to 14th Nov. 2010.
- Delivered a guest lecture on "All Ceramic Restorations." at the I.D.A. C.D.E. Programme at Mangalore, on 6th Jan, 2010.

Chethan Hegde, Krishna Prasad D, Deepmala S., Rakshith Hegde: "Implant Restoration Materials : An Overview" in International Journal of Oral Implantology and Clinical Research, January -April 2010 : (1): 43 - 48.

Manoj Shetty, Krishna Prasad D., U.N. Sangeetha, Chethan Hegde: "Platform switching: A New Era in Implant Dentistry" - Published in International Journal of Oral Implantology and Clinical Research, May - August 2010.

Chethan Hegde, Krishna Prasad D, Deepmala, Rakshith Hegde: 'Implant restoration materials: An overview' - International Journal of Oral Implantology and Clinical Research, Jan- April 2010;1(1); 43-48.

Porus S.Turner : 'Immediate Implantation and Prosthetic Rehabilitation' - International Journal of Oral Implantology and clinical Research, January- April 2010;1(1):11-19

Manoj Shetty, Krishna Prasad D., Sangeetha U.N., Chethan Hegde: 'Platform Switching-A new Era in Implant Dentistry' - International Journal of Oral Implantology and clinical Research, May - August 2010; 1(2)61-65.

Atul Bhandari, Chethan Hegde, Krishna Prasad D.: 'Relation between oral stereognosis and masticatory efficiency in Complete Denture wearers: an in vivo study' - Braz J. Oral Sci -July/September 2010, - Vol.9, No. 3 /358-361.

Ritha Kumari: "Study of wear behavior of ductile iron subjected to two step austempering" published in International Journal of Materials Research, July 2010.

Sunil Jacob, Chethan Hegde, Krishna Prasad D., Manoj Shetty: 'An in vitro study to evaluate the effect of storage time and application of subsequent layers in the variation in thickness of three commercially available die spacers' - Indian Journal of Dent. Res., Volume 21, Issue 1/Jan- Mar 2010/92-97

Nagaraj E., N.Sridhar Shetty, Krishna Prasad D., Manoj Shetty: 'A comparative study of candida albicans colonization in pre-insertion and post-insertion of complete denture prosthesis at different time periods: An in-vivo study' - RGUHS Journal of Dental Sciences, Jan.2010, Volume 2, issue.2/1-6

Aruna M. Bhat: "Lasers in Prosthodontics - An overview Part-I: Fundamentals of Dental Lasers. - Journal of Indian Prosthodontic Society, March 2010, Volume 10: Issue 1/13-26

N.Sridhar Shetty, Krishna Prasad D., Chethan Hegde, Manoj Shetty: 'Full mouth Rehabilitation -A Case Report' - Dental World, Issue 2, Volume 10, April-May 2010/6

Krishna Prasad D., Manoj Shetty, Smitha Nayak Nagar, Chethan Hegde: 'Orofacial Burn and its Prosthetic Management-A Review' - RGUHS Journal of Dental Sciences / August 2010, Volume 3, Issue 1/36-43

Krishna Prasad D., Manoj Shetty: 'Way to achieve successful auricular Prosthesis - An insight' - Guident/ December 2010, Volume 4, Issue 1/40 - 42

Arjun Balakrishnan, Chethan Hegde, Krishna Prasad D.: 'Reliability of visual shade matching using digital analysis' - Guident/December 2010, Volume 4, Issue 1/85 - 89

Vinaya Bhat: 'Inner canthal distance and golden proportion as predictors of maxillary central incisor width in South Indian population' - Indian Journal of Dental Research, Vol 21, Issue 04, Oct - Dec 2010/491 - 495.

## Staff Achievements / Publications/ Participation in Seminars etc.

Nagaraj E., Krishna Prasad D., Chethan Hegde, Manoj Shetty, Nitin Shetty: 'Full mouth rehabilitation of a patient with amelogenesis imperfecta – A case report' - Indian Dentist Research and Review, Volume 5, Issue 4/40-42.,

### DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

**Dr S.M. Sharma** Professor & HoD

- Presented a paper on "Importance of Serum Lactate in Trauma Care" at 35th annual conference of association of Oral and Maxillofacial Surgeons of India held at Coimbatore, Tamilnadu, India from 1st to 4th December, 2010.
- Present lecture in CLINFORENSICON 3rd conference of NFCFM Coorg 2010 by Dr. Pushparaja Shetty, Professor, Dept. of Oral Pathology on Human Identification and Oral considerations on 13th & 14th November, 2010.

### DEPARTMENT OF ORAL PATHOLOGY

**Dr. Pushparaja Shetty**, Prof. & HoD, has been enrolled as a fellow of National Foundation of Clinical Forensic Medicine, 13th November, 2010.

**Dr. Sreelatha S.V.**, Professor, presented a poster on "Microbiological aspects of dental caries" in National Conference of Indian Association of Oral and Maxillofacial Pathologists. 10th convention IAOMP, Coorg held on 16th and 17th June, 2010.

**Dr. Muralee Mohan**, Professor, presented a paper on 'Osteochondroma – A Rare case report' at the 14th National Conference of the Association of Oral & Maxillofacial Surgeons held in Mumbai from 4th to 6th June 2010

**Dr Arvind Karikal** gave a lecture on Cleft Lip & Palate at Hasanamba Dental College, Hassan on 2nd July, 2010.

### DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

**Dr. Shishir Ram. Shetty**, Assistant Professor

- Presented a lecture on "Radiation safety in dental clinics." During the II Private Practitioners Meet. (Indian Dental Association) on 29th August, 2010.
- Presented a paper titled "Status of serum and salivary iron, ascorbic acid and lipid peroxidation in oral cancer". National PG Convention in Oral Medicine and Radiology on 4th to 5th September, 2010, Chennai.
- Stevens - Johnson Syndrome: a case report. Journal of Oral Science 2010; 52(2): 343-346 (Indexed in Medline)

**Dr. Shruthi**, Assistant Professor, Arnold Chair: Malformation - A dental perspective' - KLE Health Sc.Jr. 2010;3(1):53-56.

Shishir Shetty, Chandni Mishra, Pushparaj Shetty, Arshdeep Kaur, Subhas Babu. Palatal schwannoma in an elderly man. J of Gerodontology 2010; doi

Priya Sara Thomas, Anusha RL, Subhas Babu, Shishir Shetty. High grade variant of mucoepidermoid carcinoma of the minor salivary glands. KDJ 2010; 33(3): 159-161

Anusha RL, Subhas Babu, Priya Sara Thomas, Shishir Shetty. Desmoplastic ameloblastoma- a report of 2 clinical cases. Brazilian J of oral sci 2010; 9(2): 137-141

Shishir Shetty, Priya Sara Thomas, Laxmikanth Chatra, Prashanth Shenai, Prasanna Rao, Subhas Babu G. An association between serum cortisol levels in erosive and non-erosive oral lichen planus patients. Webmed central Dentistry 2010; 1(9): WMC00560.

### LIBRARY & INFORMATION CENTRE

**Mrs. Shashikala. K.**, Librarian

- Presented a paper entitled "Use and Awareness of E-Journals among the faculty and Post Graduate students of A. B. Shetty Memorial Institute of Dental Sciences: A study" in the UGC sponsored National Level Conference on "Empowering Library Professionals in Managing Digital Resources and Providing Extension Activities" held at Mangalore on 18th & 19th January, 2010.
- Presented a paper entitled "Open Access Journals: The New Gateway for Information in Health Sciences" in the 2nd Annual Conference of Karnataka Medical Library Association, (KMLA -2010) on the theme "Electronic Resource Management: Librarians – Doctors Joint Summit" held at Kempegowda Institute of Medical Sciences, Bangalore on 22nd and 23rd January, 2010.
- Presented a paper entitled "Health Science education and Medical Librarianship 2020" in the National Conference on Indian Academic Libraries 2020 (NACIAL 2020) held at Siddaganga Institute of Technology, Tumkur on 12th -14th August, 2010.

## Students Achievements

### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

#### Research Projects completed under Nitte University:

**Dr. Richard Yeou Fu Liu**, III MDS: Title of the Topic: 'Comparative evaluation of the healing pattern of bone following surgical excision of periapical lesions using an indigenous technique – An in vivo study'. (Guide: Dr. Mithra N. Hegde)

**Bhankhar Ruchi R**, III BDS: Title of the topic : 'Study of changing pattern of root caries'. (Guide: Dr. Mithra N. Hegde)

**Shreya C. Shetty**, Intern: Title of the Topic : 'Comparative study of Bond strength of new total etching Vs Etching Adhesive systems'. (Guide: Dr. Mithra N. Hegde)

**Pooja J. Shetty**, Intern: Antimicrobial efficacy of different concentrations of chlorhexidine against enterococcus faecalis" An in vitro study. (Guide:Dr. Ganesh T. Bhat)

**Shreya Nayak**, II BDS: Effect of mouth rinses on surface hardness of aesthetic Restorative Materials. (Guide:Dr. Shruthi Bhandary)

#### MDS Students presented 2 posters and following papers at the 3rd Indian Society of Prosthodontics – Restorative-Periodontic -National Conference held at Mysore on 30th & 31st July 2010

**Dr.Naveen Kumar**: Management of Crown – Root fracture of maxillary central incisors.....A multi disciplinary approach. This paper received the best paper award. (Guide - Dr. Mithra N. Hegde and Dr. Priyadarshini Hegde)

**Dr. Deepali Shrivastava**, **Dr. Snehal Thatte**: The healing of periapical lesion with and without the use of graft and its quantification using direct digital radiography. (Guide: Dr. Mithra N. Hegde)

**Dr. Jemsily Philip**: Calcium Phosphate – 'Based remineralization system – A review'. (Guide Dr. Mithra N. Hegde)

**Dr.Clinton Michael D'souza**: Dental Pulp system cells – A peek into the future. (Guide Dr. Mithra N. Hegde)

**Dr. Nanditha Hegde**, **Dr. Shruti Bhide**: Endodontics or Implants – to extirpate or to integrate. (Guide Dr. Mithra N. Hegde)

**Dr. Mahalaxmi**: Oral hygiene status in South Canara population. (Guide Dr.Mithra N. Hegde)

**Dr. Deepali**: Comparative evaluation of the efficacy of two rotary re treatment file system-An in vivo study. Authors : (Guide Dr.Mithra N. Hegde)

#### ICMR projects granted:

**Dr. Nanditha Hegde**: "Microleakage of Silorane based resin composite in comparison with methacrylate based composite in class II open sandwich restorations – An in vitro study". (Guide Dr. Mithra N. Hegde)

**Dr. Sapna Shetty**: Periradicular surgery with and without use of bone graft- A clinical prospective study. (Guide – Prof. Mithra N.Hegde)

**ICMR Fellowship Award to Dr. Amit Malhotra** for the project "Comparative Evaluation of saliva and dental caries in HIV +ve patients". (Guide of Dr. Mithra N. Hegde)

### DEPARTMENT OF PERIODONTICS

**Dr. Vidya Jayasheela**: 'Effect of Salivary Nicotine Levels on Periodontal status of smokers and non-smokers'. (Guide – Dr. Rahul Bhandary, Dr. Nina Shenoy)

**Dr. Aparna Anand**: Estimation of Myeloperoxidase and Neutrophil Levels in Serum of Patients in Health and Chronic Periodontitis. (Guide - Dr. Amitha Ramesh)

**Lee Juo Pei**: 'Sialic Acid Levels in Healthy and Periodontitis Patients with Diabetes'. (Guide- Dr. Suchetha Kumari N. ,Dr. Biju Thomas)

**Dr. Reetika Singhal**: 'Estimation of Beta Glucuronic Acid activity in saliva and clinical parameters in health , gingivitis and Periodontitis'. (Guide -Dr. Biju Thomas Dr. Arpita Gur)

**Dr. Vidya Jayasheela**: 'Effect of Povidone iodine mouthrinsing on post scaling bacteremia – a microbiological study' (Guide- Dr. Amitha Ramesh ,Dr. Biju Thomas, Dr. Veena Shetty)

**Divya Puranik**: Relationship between Periodontitis and Coronary Heart Disease. (Guide- Dr. Santhosh Shenoy, Dr. Subramaniam)

**Akshari Anchan**, IV BDS: Estimation of Myeloperoxidase Levels in Chronic Periodontitis among Systemically Healthy Individuals and Patients With Type 2 Diabetes Mellitus. (Guide - Dr. Amitha Ramesh)

## Students Achievements

**Harsh D. Vankavala**, IV BDS: Screening Pregnant Women for Periodontitis by Analysing Salivary Alkaline Phosphatase And Lactate Dehydrogenase. (Guide- Dr. Amitha Ramesh)

**Agrima Vasudeva**, IV BDS: Comparative Evaluation of Antimicrobial Activity of Triphala and Commercially Available Toothpastes: An in vitro study. (Guide- Dr. Biju Thomas).

### Research Projects Grants by Nitte University

**Dr. Blessie Abraham**: 'Assessment of salivary Vitamin C levels in Chronic Periodontitis: Smokers v/s Non-smokers'. (Guide- Dr. Nina Shenoy, Dr. Rahul Bhandary)

### ICMR projects granted:

**Prajna Shenoy**, IV BDS:  
Title: Comparison of Salivary Enzymes in Post Menopausal Women for Screening Periodontitis. (Guide - Dr. Santhosh Shenoy)

## DEPARTMENT OF PEDODONTICS AND PREVENTIVE CHILDREN DENTISTRY

**Dr. Xavier AM**: The tell tale of a bite mark: call for action for paediatric specialists. Medico legal update Jan – June 2010, Vol 6, issue 1, pg 1-4.

**Dr. Jaswinder Gulati**, I MDS won the II Best Scientific Poster Award at the "Tooth width versus Arch width – which way do the scales Tip? An Odontometric study" 7th National Conference of the Indian Association of Forensic Odontology, Chennai, 10th and 11th April, 2010

**Dr. Gururaj**, **Dr. Pradeep Kumar K.N.**, **Dr. Nijo** all of II MDS won the II place in the quiz competition held at 7th P.G. Convention, Udaipur on 6th and 7th March, 2010.

## DEPARTMENT OF PROSTHODONTICS

Scientific Paper and Poster Presentations (Guides: Dr.Krishna Prasad D, Dr. Chethan Hegde and Dr. Manoj Shetty.)

Paper

**Dr. Anupama Prasad D.**, III MDS: Prosthodontic rehabilitation of a patient with oral submucous fibrosis and microstomia – A case report.

**Dr. Niranjana Joshi**, III MDS: "Laboratory aspects of Denture Duplication."

2 Posters were Presented.

**Paper and Posters presented by the II M.D.S. & III M.D.S. students at the 12th I.P.S.P.G. Convention Held at Chennai from 4th to 6th June, 2010.** (Guides - Dr. Krishna Prasad D, Dr. Chethan Hegde and Dr. Manoj Shetty.)

Papers:

1. Crestal bone preservation – Review of different approaches for successful Implant placement. – Dr.Neha Bansal (2nd best paper award)
2. Esthetic Removable Partial Denture – Dr.Arjun Balakrishnan
3. Panoramic radiographic images as an aid in setting condylar guidance? – Dr.Naresh Shetty

Two Posters and 3 table clinics were also presented.

**The MDS students presented the following papers at the 3rd ISPRP Conference, 29th to 31st July, 2010 at Mysore**

1. Dr. Ajay Jain - Reorganized occlusion
2. Dr. Shah Namrata - Endodontics or Implants: to extirpate or integrate.

**The MDS students presented the following papers at the 38th IPS Conference held at Indore 11th to 14th Nov. 2010:**

1. Dr.Sonali Sood: Proportional Smile Design- evaluation and prevalence of various tooth proportions in south coastal Karnataka region - First Best Paper Award.
- 2.r. Rimmy: Erratic elite world – Miss the laughter challenge-D – Second Best Paper Award.
3. Dr.Smriti Bhanot: Implants in the esthetic zone – Second Best Paper Award.

They also presented 3 posters and 1 table clinic.

## DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

**Dr. Kumuda Arvind Rao H.T.** and **Dr. Renita Lorina Castelino**, II MDS students secured the 'Best Poster prize' for their poster titled ' Diagnostic Imaging of Soft Tissue Tumors' at the National OOO Symposium , held at V. S. Dental College, Bangalore on 9th and 10th of July 2010.

**2 Posters and following Papers were presented at the 22nd National Conference of the Indian Academy of Oral Medicine & Radiology at The Lalit, on 17th to 19th Dec. 2010 Poster**

**Dr Kumuda Arvind Rao H T** : 'MDCT Imaging in simultaneous occurrence of FCOD and simple bone cyst - a case report'.

**Dr. Priya Sara Thomas**: Fibromyxoma of the masticator space- a case report at National PG Convention in Oral Medicine and Radiology on 4th to 5th September 2010, Chennai.

## Students Achievements

### DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

**Dr. Shruthi Laxmi M. K.** was awarded best scientific paper in 3rd National conference of National foundation of Clinical Forensic Medicine (NFCFM) Clinforensicon - Coorg 2010 on 13-14th November 2010 for "AGNIPAREEKSHA - A microscopic study on effect of temperature on teeth at varying intervals of time"

Following papers were presented by the MDS Students at the National Conference of Indian Association of Oral and Maxillofacial Pathologists 10th convention IAOMP, Coorg from 16th & 17th June, 2010.

1. Dr. Hanspal Singh: "Rampant caries vs antioxidants".
2. Dr. Bhavna Pandey- "An epidemiological study on prevalence of developmental disorder of teeth affecting the shape, size and structure among school going children".
3. Dr. Urvashi Shetty presented a paper on "Occlusal Morphology in identification of individuals, an Overview."

### Publication

Dr. Hanspal Singh, Dr. Pushparaja Shetty, Dr. Lal P. Madathil, Dr. Pratima S. Rao, Dr. Sreelatha S.V.: "Efficacy of Tobacco Control Program Awareness Among Tobacco Sellers" in Dental World, E update May 2010.

### DEPARTMENT OF ORTHODONTICS

At the IOS PG Convention held at Chennai from 21st to 24th January, 2010:

- **Dr. Yatish Joshi**, II MDS, won the 1st prize for presenting a poster on "Soft Tissue Diagnosis: The Third Dimension".
- **Dr. Farhat Godhrawala** of III MDS, won the 3rd prize for presenting a paper on "Molar Intrusion With Pendulum Appliance Using Absolute Anchorage" in the clinical category.
- **Dr. Rashmi**, III MDS, won the 3rd prize for presenting a paper on "Maxillary Molar Intrusion with Modified Trans Palatal Arch and Power Arm" in clinical innovation category.
- **Dr. Abhisek Gupta**, III MDS, presented a paper on "Asymmetric Maxillary Expansion Appliance for treatment of Unilateral Posterior Crossbite with Anterior Open Bite".
- **Dr. Animesh Aggarwal**, III MDS, presented a paper on "Lingual Orthodontics. Is it really so tough".
- **Dr. Daryl Crasta**, II MDS, presented a table clinic on "Orthodontic Clinic Design".

### DEPARTMENT OF PEDODONTICS

Dr. Jithendra Kumar, Dr. Nihal Majeed and Dr. Renu Ann Mathew all of I MDS bagged the I place in quiz competition

The following Papers were presented at the Indian Academy of Aesthetic & Cosmetic Dentistry event - 23rd August, 2010 held at the College.

**Dr. Eby Varghese:** Re-attachment of fractured teeth - A case Report " The Indian Academy of Aesthetic & Cosmetic Dentistry event - 23rd August 2010 at A.B. Shetty Dental College, Mangalore.

**Dr. Deepti Paul:** "Strip Crown Technique - A case Report"

3 posters and following Papers were presented at the 32nd ISPPD National Conference Amritsar, 12th to 14th November 2010.

**Dr. Pradeep Kumar:** "Salivary lead level and dental caries in primary teeth"

**Dr. Nijo:** "Injury concealed or revealed? Factual lesion in autism"

**Dr. Eby Varghese:** "Salivary nitric oxide levels in visually impaired children "

**Dr. Deepti Paul:** "Salivary total antioxidant capacity in children with chronic kidney disease "

**Dr. Gururaj:** "Evaluation of total salivary antioxidant and oral health status in childhood obesity "

**Dr. Sushma K.S.:** "Evaluation of salivary pH flow rate sialic acid levels and gingival health status in children with congenital heart disease"

**Dr. Pooja B.L.:** "Caries experience and dietary preferences in visually impaired children to different genetic taste sensitivity to PROP."

**Dr. Jaswinder Gulati:** "Correlation between palatal rugae pattern, dermatoglyphics and blood group"

**Dr. Lakshmi Pallavi:** "Identification of selected micro organisms from pulp space of human deciduous teeth with irreversible pulpitis."

### DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

Suman Banerjee, Intern: "Effect of Carbonated drinks on Human Enamel" : An in vitro study. (Guide Dr. Nidarsh D. Hegde)

## University Rank Holders

The following students have secured ranks in the MDS Examinations of the Rajiv Gandhi University of Health Sciences, Bangalore conducted in May 2010

### Department of Orthodontics



Dr. Bhat Rashmi Ishwar  
**I Rank**



Dr. Animesh Agarwal  
**III Rank**



Dr. Sugun Kanwar  
**IV Rank**



Dr. Reshma Nayak  
**VI Rank**

Dr. Vinitha Goyal, **X Rank**

### Department of Conservative Dentistry and Endodontics



Dr. C. Ravichandra  
**II Rank**



Dr. Santhosh Kumar Singh  
**VIII Rank**



Dr. Neha Bhalla  
**IX Rank**



Dr. Shija A.S.  
**X Rank**

### Department of Oral & Maxillofacial Surgery



Dr. Joanna Baptist  
**IX Rank**



Dr. Shruthi Sridhar  
**X Rank**

### Dept. of Oral Pathology



Dr. Uzma Iqbal Belgaumi  
**III Rank**

Dr. Karthika S.  
**III Rank**

### Dept. of Pedodontics



Dr. Manpreet Kaur  
**II Rank**

### Department of Prosthodontics

Dr. Himanshu Gupta, **IX Rank**

## Appointment



Dr. Vidya M, has been appointed as Professor in the Dept. of Oral Pathology and Microbiology, w.e.f. 16th Nov., 2010.

## Inauguration of Silver Jubilee Celebration



The Silver Jubilee Year 2010-11 Inauguration function was held on 30th October, 2010. Mr. M.Veerappa Moily, Union Minister for Law & Justice, Govt. of India inaugurated the "Silver Jubilee Year 2010-11" and also inaugurated the Vocational Training Centre. During his inaugural speech Mr. Moily recalled his memories of the first foundation stone laying ceremony at NMAMIT. He also said that youth should come forward for building strong and well developed nation. Sri Sri Sri Vishweshwara Theertha Swamiji, Sri Pejavarva Mutt, Udipi delivered an 'ASHIRVACHANA' and Inaugurated Staff Quarters Block and Hostel Block for NRI students. Dr. V.S. Acharya, Higher Education Minister, Govt of Karnataka laid foundation stone of Silver Jubilee Lecture hall Complex. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust spoke and briefed the way Nitte Education Trust has come about with last 3 decades. Dr. N.R. Shetty, President ISTE, Former Vice Chancellor, Bangalore University presided over the function and also released the Silver Jubilee Issue of NMAMIT News Bulletin. Dr. S.Y. Kulkarni, Principal presented report of the college. Mr. N. V. Hegde honoured all the former Principals of the college.

### Programs planned in the Silver Jubilee Year Celebrations :

- October 2010: Inauguration of Silver Jubilee Year Celebrations.
- November 2010: Tech Nidarshan 10 -Intercollegiate Technical Fest.
- December 2010: \* An International Conference on Redefining the roles of business, NGOs and government: a mission for a better global society" by JKSHIM (Department of MBA).  
\* A National Conference on Advances in Electrical Engineering (NCAEE-10)
- January 2011: \* An International conference on Computer Architecture, Networking & Applications (ICCANA-11) by CSE Department  
\* First Silver Reunion & Alumni meet.
- February 2011: A National Conference on Emerging trends in Wireless Technologies (NCEWT- 11) ISE Department
- March 2011: An Intercollegiate Cultural Fest 'Anandotsava-11'.
- April 2011: PG Fest- A National level conference on Emerging Technologies 'PGFEST-11'.
- May 2011: Student Project Exhibition ' Expro-11'.
- June 2011: Faculty Development Programs 'FDP-11'.
- July 2011: Industry meet-2011.
- August 2011: Parents meet-2011.
- September 2011: Valedictory of Silver Jubilee Year Celebrations.

## Silver Jubilee Celebrations of NMAM Institute of Technology



### Report of the Principal

In the history of Nitte, a small village of erstwhile Dakshina Kannada District, the year 1979 has been written with golden letters. Justice K S Hegde's decision to settle down at this village opened-up flood gates of opportunities to the people of Nitte and the surrounding places. A village that was not even having a school that made many to be deprived of education and so many had to leave the village for education. This matter of concern made Justice K S Hegde to innovate his family to start a school at Nitte. This seed of social concern gave birth to "Nitte Education Trust" which started a small school at Nitte in 1979. Then onwards this benevolent Trust made all efforts to start many more schools and colleges with an aim to provide service to the society through quality education. At present there are 25 professional institutions with over 14,000 students and 3000 employees spread over 3 campuses; one at Nitte, other at Mangalore, and the third at Bangalore.

One of these proud members of Nitte Education Trust is this Engineering College started at Nitte in 1986; named after the great and distinguished engineer of the district, late Sri. Nitte Mahalinga Adyanthaya.

This institution is located in a campus, which has a sprawling area of over 110. With its scenic countryside environment at the foothills of the Western Ghats, the campus presents an excellent academic ambience with absolute calm and tranquility. This, along with its comprehensible infrastructure and experienced staff, has been chosen by many a parent and students over better-known institutions. NMAMIT has been transformed into a centre of excellence by imparting quality education to generate competent and skilled technical manpower with a high degree of credibility, integrity and

ethical standards.

The collage started with an intake of 120. However, gradually enhanced its intake and since 2004 the intake is 600 since 2004. Considering the credibility of the college in offering quality technical education AICTE also accorded permission to admit students under PIO quota and admit foreign nationals.

The college offers Graduate courses in Civil Engg., Mechanical Engg., Electronics & Communication Engg., Electrical & Electronics Engg., Computer Science & Engg., Information Science & Engg., Biotechnology

NMAMIT started its first post-graduate program in MCA with an intake of 30 in 1993 and the MBA programme with an intake of 40 during 1998. At present MCA has an intake of 90 and MBA of 120. The first engineering specific Post-graduate program was started in the year 1999 offered at the Department of Electronics & Communication Engineering with specialization as Digital Electronics & Communication Engineering. At present we offer the post graduate courses in MCA, MBA, M.Tech in Digital Electronics & Communications, M.Tech in Computer Science & Engg., M.Tech in Microelectronics & Control Systems -University PG Centre, M.Tech in Energy Systems Engineering, Part-time (QIP) M.Tech programs in EC and C.Sc., M.Tech in Construction Technology

With the introduction of these PG programs the college was elevated to the status of PG level institution.

The departments of Electronics & Communication, Computer Science and Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Bio-Technology, Civil, Bio-technology, MBA, Physics and Mathematics have been recognized as Research Centers by VTU, Belgaum. At Present, over 22 candidates are pursuing their doctoral studies with these centres. 3 students have been awarded Ph.D through these research centres.

Thus with the introduction of these research centres, the institution was elevated to the status of research level organisation.

All our Under-Graduate and Post Graduate Programmes are accredited by National Board of Accreditation (NBA), New Delhi and are permanently affiliated to VTU.

In order to comply with the international quality education standards, the college has been certified to ISO-9001-2008 standards by KEMA, Netherlands.

Yet another milestone was scaled during 2004 by getting approval to implement TEQIP (Technical Education Quality Improvement Programme) which is a project of MHRD, India and World Bank. Our institution got the unique recognition as a lead institution along with NITs and a handful of other institutions of national importance; the only private institution in the country to get this status. This became the turning point in the growth of the college. The implementation of TEQIP is rated very high by the World Bank and by the satisfaction survey conducted for the stakeholders like parents, students and employers. We will be a part of phase II of TEQIP shortly and expected to get another Rs.20-25 Crores for further development.

In 2007 Govt. of Karnataka and VTU, Belgaum accorded academic autonomy status based on the merits of this organisation. The UGC also conferred its concurrence. Many innovative ideas are being implemented for the benefit of our students. In order to be on par with global standards choice based credit system (CBCS) and grading system of evaluation are introduced. Regular revision of syllabus and introduction of flexibility has made our curriculum up-to-date and industry friendly.

### Awards and Recognitions

It has become tradition of the institution to get recognitions and awards.

“KSCST Best Project Award” for 2003-04, 2006-07 and 2008-09 by Government of Karnataka.

Gurkul Jyothi Award, A National Award for excellence in Engineering Education during 2007 and rated as one amongst top five Engineering colleges of the country.

The Principal has been awarded as the best Principal among Engineering colleges for the year 2009 by ISTE, New Delhi.

### Research Activities in the Campus:

22 faculty are doing their research work at other Institutions of repute like IITs and NITs. It is my pleasure to inform you all that 18 of our faculty have completed their doctoral studies and defended their Ph.D work. They have published 147 technical papers in National/International Conferences/Workshops and Journals. 8 faculty have presented their research papers in international conferences and symposiums personally.

As an achievement, we have conducted about 135 national level conferences / seminars / workshops. We have also conducted 3 International Conferences and propose to conduct

two more international conferences during this silver Jubilee year. These international conferences are going to be conducted in collaboration with Penn State University, USA, MNCs like HP, TCS and EMC and professional societies like IEEE and CSI.

### Infrastructural Development in the Institution:

Most of the laboratories of the departments have been modernized and obsolescence removed by equipping them with state-of-the-art equipment. More than 600 new state-of-the-art computers have been added to make the total number of computers to 1100. All the central facilities and departments have been networked with optical backbone and managed switches. WiFi features are activated to make campus connectivity wireless. Internet connectivity has been upgraded to 16 Mbps. Industry version of a CNC lathe and a Milling machine procured from HMT and BFW under TEQIP are operational and are being extensively used to train our students on these machines. VLSI and Embedded systems lab. has been established in the E&C department equipped with SUN workstations, SYNOPSIS s/w, Embedded and ARM Processor Development tool sets. Also, a full fledged Computer Networking lab has been established as an interdisciplinary facility. All the labs. of Biotechnology department have been set-up with modern equipment to cater the needs of the curriculum and for Research. GIS and GPS laboratories has been established in the Civil Engineering Department for consultancy oriented projects. We have the infrastructure to run as an effective Engineering Institution.

- Spread over 110 Acres of land
- 5,22,73.86 Sq.Ft. Built-up area
- 44 Class rooms
- 58 Laboratories, 2 workshops
- Air-conditioned auditorium
- 4 Air-conditioned Seminar Halls
- 950 KVA power back-up
- Student activity centre (SAC)
- Guest house - with 2 VIP suites, 21 Rooms (12 Air-conditioned)
- 3 Banks - 2 Global access ATMs
- Canteen - Indian Cuisine (South and North)
- Post office
- Fleet of 21 Buses

Central library has been upgraded with Digital library features subscribed to 259 e-journals through INDEST and DELNET. More than 600 technical CDs and 800 learning resources ( multimedia CDs) have been loaded on to digital server to provide access to all students anywhere in the campus. Many new books worth of 25 lakhs have been added to Central Library and Departmental libraries have been

strengthened to meet the curriculum requirements and also to encourage research and development activities. All students of the institution are given smart cards to access information through Student information system. The performance of students are monitored regularly and reports are sent to parents through web-enabled system.

**Student Achievements:**

The Academic standards of the college are treated as of very high quality. That is mainly due to highly qualified and committed staff, best practices employed in teaching-learning processes and well equipped laboratories. The academic ambience of the institution is highly conducive for best learning. I am very happy to announce that our students secure VTU ranks every year in most of the departments. This trend of getting ranks is also regular in most of the PG programmes.

Our students participate in many technical festivals conducted by reputed organizations. Many have secured either a first place or the second place in these events. Our college teams have won overall championship or runners-up in most of the technical festivals.

Our college teams have shown their best talents in very important festivals like Shastra of IIT Chennai, Engineer of NITK Surathkal, Tech fest of IIT Mumbai, Tech Tatva of MIT and many more.

**Cultural Activities 2009-2010:**

Teachers and Engineers days are celebrated every year to honor a successful engineer and an effective teacher. Anandotsava, a State level intercollegiate Cultural Festival of Nitte is conducted every year in our campus. It consists of about 30 events in different categories and students from more than 30 Engineering Colleges across the state participate enthusiastically to exhibit their talents.

Our students participate regularly in VTU Youth Festival organized by the University. They also participate in other cultural festivals of NITK, Surathkal, MIT, Manipal, Sentia of MITE and many more without affecting their regular academic works. Let me take this opportunity to congratulate all the students for their splendid performance in academics and also extra-curricular activities.

**Sports activities in the campus:**

Nitte institutions are known for excellent facilities provided in sports. Large play grounds, indoor stadium, open air flood light basket ball and volley ball courts and a multi-specialty gym completely meet the requirements of our students. Our students participate in almost all VTU Intercollegiate

tournaments / competitions and also other professional tournaments.

- The men Basket Ball team of our college has won both the VTU Mysore Zonal and Inter Zonal tournaments held at our Campus
- The women Badminton team has won Runner-up title in the VTU Mysore zonal tournament held at MCE, Hassan
- In the VTU Mysore zonal Cricket tournament held at JNNCE Shimoga, NMAMIT cricket team has won the Runner-up title.
- The men Volley Ball team of our college stood 2nd in the VTU Mysore zonal tournament held at AIT Chikkamagalore
- In the VTU Inter collegiate weight lifting, Power lifting and Best physique competition held at BNMIT Bangalore, our college team has won the Championship with 52 points. A total of 03 meet records were created by our lifters. The team has bagged the championship for the 7th Consecutive years.
- Our students have also performed well in VTU athletic meets. Our students have also set records in many of these events.
- Our students are part of the University team every year. University team is incomplete without our students.

**Placement Activities:**

It has been the tradition of the institute to provide better placement activities to the students by attracting reputed companies to the campus for placement. Every year we invite around 35-40 companies of repute to employ our students. Major companies like Tata consultancy Services (TCS), WIPRO, INFOSYS, HP, TESCO, Tech Mahindra, LANCO, Omnesys Technologies, Winman Software Limited, Robosoft and many more visit us and recruit our students heavily. Around 458 students have already been placed during campus selections. My hearty congratulations and best wishes to all these students for their bright future.

Other than campus placements, we have also entered into collaboration with these companies and take-up live projects to benefit our students and faculty. We have signed MoU with Robosoft technologies, HP, TCS, EMC, 3i INFOTEK, IBM, MASSCON, INFOSYS and TECH Mahindra.

**Collaborations:**

NMAMIT has signed MOU with Penn State University, USA, Bedfordshire, UK and University of Pennsylvania. We are also in the process of offering a mandatory course on SAP through outsourcing.

## EDC and STEP Activities :

In order to provide an interface to the community around, EDC and STEP conducts vocational training programmes to empower rural youth, women and farmers. All these programmes are well accepted and have given very good results. Many rural youth, women and farmers have become productive and started earning on their own. Programmes on CNC machines, tailoring, computer servicing, DTP, catering and Bakery products, electrical wiring and winding, and servicing of home appliances have attracted many and helped them to become self sustained.

The EDC has conducted motivational training for our own students and students of many colleges at Karkala, Shirva, Mulki and Moodabidri. We have conducted many programmes for the benefit of rural youth, women and farmers.

NMAMIT is known for its unique programs which have made this institution distinctly different from other institutions.

- Orientation Program for Freshers
- Quality Circle and Class advisors
- Leadership Orientation Course – Students associations
- Free Coaching classes for Weak and Failed students
- Special Coaching classes for the needy
- Special classes in GRE/ TOEFEL / GERMAN / FRENCH
- Student Monitoring cell – Headed by a senior faculty
- Attendance and IA reports to parents – Web enabled service
- Student Information System – Fully automated
- Anti ragging Squad
- Teacher – Guardianship Scheme
- Classes in public speaking and Effective communication – Soft skills
- Cultural / Literary / Sports activities
- Technical Associations – Professional Bodies
- Students counseling – Full time mental health professional to look after.
- FEEL Employable program, Crack the campus, pride of NMAMIT.

The management has undertaken several infrastructural development activities like

- Construction of 72 staff quarters (24 are ready, work is in progress for other quarters).
- New lecture halls complex is getting constructed to accommodate 12 gallery type class rooms with capacity of 120 each. Central library and Mechanical laboratories will be housed in this building. The central valuation centre will also be accommodated here.
- Open air auditorium will be constructed to accommodate about 5000 students at a time.
- A spacious multi facility sports ground with 400 mtrs. track is also getting ready. International standard swimming pool

will also constructed in this sports complex.

- Vocational training centre is built in collaboration with Govt. of Karnataka to offer community oriented training programs.

When we look back at the path traversed by the institution for the last 25 years, we feel proud at the developments which have made this institute to stand tall and proud as one of the best engineering colleges of the country, envisaging the excellence in engineering. An institution having impeccable record of academic excellence, NMAMIT, has become the epitome of technical education in Karnataka creating talented, enthusiastic and resplendent professionals in engineering. In the year 2011 NMAMIT is celebrating its 25th anniversary. We have planned year long set of programmes during the academic year 2010-2011 as a part of Silver Jubilee. Two international conferences, many national level workshops / conferences, National level project exhibition, National level tech festival and also cultural meet are the few planned activities. We have also planned to establish a strong alumni association across the globe to create the visibility for NMAMIT within India and abroad. I wish to make a special mention here that this institution has seen engineers from humble back grounds like, tailor, auto driver and daily wage earner family. It is not only the rich but even the less fortunate have benefited from NMAMIT.

With all these developments, NMAMIT has become most sought-after institution in the whole and Karnataka, Indian and also has attracted many students from gulf countries. Considering the merit of this Institution, UGC has recommended for the inclusion into the folds of Nitte University as a constituent off-campus Institution. All these developments are mainly due to the encouragement and support extended by our beloved President of Nitte Education Trust and Chancellor, Nitte University Sri. N. Vinaya Hegde. Let me take this opportunity to express my deep sense of gratitude and sincere thanks to him for all the cooperation and encouragement. My sincere thanks are also to all trustees of Nitte Education Trust and Dr.N.R.Shetty who are responsible to make this institution worthy of such celebrations.

Also, I take this opportunity to thank all staff members of this institution for making this campus a place well suited for shaping career of our students by creating required academic ambience. My thanks are also to all my students for their exemplary behavior in the campus and for their enthusiastic participation in all curricular and co-curricular activities in the campus. I wish all my final year students the best and request them to be proud of their alma mater and extend a supportive hand to take this institution to greater heights.

**Dr.S.Y.Kulkarni**, Principal, NMAMIT, Nitte



## Graduation day

The graduation day ceremony for M.Tech and MCA students of NMAM Institute of Technology was held on 26th June, 2010 at Nitte. The chief guest on this occasion was Justice N. Santosh Hegde, Lokayukta of Karnataka and the function was presided over by Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust

Principal Dr S Y Kulkarni presented the annual report of the institute for the academic year 2009-10. Speaking on this occasion Justice N. Santosh Hegde asserted the need for youth to participate in building India as a value-based nation. Justice Hegde said that the Corruption in the country has reached endemic levels. He asked students to participate actively in the democratic processes by electing people with clean records and felt the need for enacting the right to recall bad representatives which prevailed in many other countries. He also said that the youth should realize their ambitions and goals in a legitimate manner.

Delivering the Presidential address Mr N. V. Hegde supported the views aired by Justice N. Santosh Hegde stressing on values in life and how it could define what India is in the coming future. He advised students to be grateful to parents and alma mater for what they are today.

## Tech Nidarshan 10 - A National level Technical Fest



Tech Nidarshan 10 was organized from 11th to 13th November, 2010. The Tech Nidarshan is a National level Intercollegiate Technical Fest of different branches of the Engineering. This programme was organized as a part of Silver Jubilee activities. The programme was inaugurated by Dr. Sandeep Sancheti, Director, NITK Suratkal.

The fest had many branches specific and multidisciplinary events - from 'Ungoogle to Contraption; from Burn and Run to Trapping the Sun-the surya sparsham"; the Creative Touch to test your creativity and the ONLINE QUIZ to tease your brains; then adding to the zeal and being Zestified. Apart from the events there are Workshops in current trending technologies like a workshop on Robotics, an initiative of The 'Li2-Innovations' run by IIT-Madras and IISc-Bangalore alumni. Various technical talks by resource persons were delivered during the fest. As an icing on the cake there was a folk-rock fusion concert by Raghu Dixith, a well known vocalist. Equipped with so many events the first ever edition of the Tech NIDARSHAN-2010 was a great success. About 1000 students from various Engineering colleges participated in 45 events and won cash prizes of Rs. 3 lakhs.

## Anandotsava 2010



The excitement, the fun, the frolic is all back in the campus when the College had hosted one of its kind State level Inter-collegiate cultural mega event 'Anandotsava- '10, from 8th to 10th April, 2010.

The festival is the most highlighted and celebrated annual event of the college to showcase the hidden talents of engineering students from all streams who otherwise spend most of their time in taming machines, typing computer codes, burning circuits and in other academic activities. 22 colleges from all over Karnataka participated in this years Anandotsava - 10' to capture the zeal with a total of 20 events in fine arts, literary arts, performing arts, informal and special events held at three different venues spread across the college campus.

The fest was inaugurated by Capt. Ganesh Karnik, MLC and Deputy Chairman of the Karnataka NRI forum, Govt. of Karnataka.

A cartoon exhibition by Mr. Harishchandra Shetty and his team, on the theme "Global Warming" was also held during this occasion to create an awareness on environmental issues among the students and teachers. KVG College of Engineering, Sullia were declared champions and NRAM Polytechnic, Nitte were the runner-up.

## PG Fest 2010



A National Conference on 'Recent Trends in Emerging Techniques' also called as PG FEST- '10 was held on May 7th, 2010 and was inaugurated by Dr. Noor Ahmed, Principal, Anjuman Engineering College, Bhatkal. 52 papers in Electronics & Communication Engineering, Mechanical Engineering, Civil Engineering, Electrical and Electronics Engineering and Computers Science and Information Science Engineering were presented. This conference was organized by the Dept. of Electronics & Communication Engineering.

## ZEST 2010

The cultural and technical fest, ZEST 2010 was held during 4th to 6th, March 2010 and organised by Association of Computer Engineering (ACE), the students association of Department of Computer Science. The fest which had been held for the second time followed the theme of 'Go Green', this year keeping the ongoing environmental issues in mind. 485 heads participated in 15 events and 150 participated in the gaming events.

Zest 2010 was inaugurated on the 4th March, 2010. Guests of honor for the inauguration were Dr. Omid Ansary, Director, School of Science, Engineering and Technology, Dr. Stephen Schappe , Director of School of Business Administration, Dr. Jerry Shoup and Dr. Shashi Marikunte, all from Penn State University, Harrisburg, USA.



## SEMAPHORE

The MCA department organized SEMAPHORE, a South India level Inter-collegiate two days IT Fest on 29th & 30th March, 2010. The fest was inaugurated by Sri Appanna Kotri, Head, Domestic IS Operations TCS, Bangalore. 16 colleges from Udupi, Bangalore, Mysore, Shimoga, Dharwad, Dakshina Kannada and Kerala participated. MIT Manipal bagged the overall championship and Christha Jyothi College, Bangalore were the runner-up.

## College Day



The College day was held on 11th May, 2010. Prof. M. I. Savadatti, Retd. Vice Chancellor, Mangalore University and Vice Chairman, Knowledge Commission, Government of India was the Chief Guest. The function was presided over by Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust

Professor Savadatti advised the students to think in the direction of higher education and to develop research culture. He stressed that in the global scenario Indians are seen at all activities working very hard but only at the backstage. Mr. N. V. Hegde in his presidential remark advised the students to do work in a different than the others which will lead to success in their life. The college Magazine NIDARSHAN 10 was released. Dr. B. S. Smaga, Dean (Academic) and Dr. K. M. Hebbar, Director, CSE were felicitated by Mr. N. V. Hegde on the occasion of their retirement from the College. The College day program was followed by Farewell to the outgoing students.



## BIOTANTRA 2010

Like the invention of new leaves in Biotechnology advancement in all fields of technology is inevitable in the information age. It is the most valuable thing to man and is invaluable being considered 'the pride of the World'. The department of Biotechnology takes pride in taking an

initiative to **Save a Tiger** the national animal. The fest of Biotechnology, **BIOTANTRA '10** held on 15th and 16th April, 2010 was appreciable as they took an oath of saving a tiger, its theme.

The fest was inaugurated by Mr. Pramod Madhwaraj, Proprietor, Raj Fish Meals and Oil Company, Malpe. It featured a combination of technical and non technical events including a few entertainment. The papers presented during the technical events were the outcome of innovative ideas of the participants. Posters and collages reflected novelty, innovation, had originality, simplicity and clarity of its objectives. A quiz was conducted to sizzle the brains with a special round related to the College. The Debate, Scavenger Hunt grabbed the spotlight. Plastics collected during the fest was recycled. Thus the Direction given by Biotantra continues as the efforts are admirable.

## ELECTROVISION-2010



A two day National level techno-cultural fest 'Electrovision-2010' was organized by the Department of Electrical Engineering on 12th and 13th March, 2010. The techno-cultural fest was inaugurated by Prof. T. N. Shanbogue, HoD of Electrical Engineering, Canara Engineering College, Mangalore. He gave a talk on 'Solar Energy Resources'. Around 100 participants from the neighboring colleges and our college participated in this techno-cultural fest. There were two technical paper presentation sessions in which 20 papers were presented.

Along with paper presentation, other technical events like circuit debugging, C-MAT programming were successfully conducted. Apart from technical events, various non-technical events like Sudoko, Quiz, JaM, Dumb charades, Bluff-master, Photography, Collage were conducted which gathered huge response from the enthusiastic student participants.

## National Conference on Advances on Electrical Engineering



As part of Silver Jubilee Department of Electrical and Electronics Engineering organized a National Conference on Advances in Electrical Engineering (NCAEE-2010) during 27th & 28th, December, 2010. This is the fifth successive year the department of EE is organizing the event. Theme of the conference was "Power, Electronics and System - Interdisciplinary Approach". 30 technical papers in various disciplines related to the topic specified and 24 papers were selected for presentation.

The Conference was inaugurated by Dr. Radhakrishna S Aithal, Joint Director, MIT Manipal, on 27th December, 2010. On the same day Dr. K Panduranga Vittal, Professor & Head, Department of E&E, MIT delivered the key note address on "Effect of shunt Compensation on the performance of Distance relay STATCOM on Protective Gear".

## Workshop on Safety Critical Control Systems



The Department of Electrical and Electronics Engineering organized a 3 day workshop on "Model based development and testing of safety critical control systems" during 25th to 27th, February, 2010, in collaboration with Moog India Technology centre, Bangalore. Mr. Yogananda Jeppu, Dr. Hariram Selvamurugan and Mr. Chethan C. U. were the resource persons. The hands on practical training imparted to the participants on MATLAB during the workshop was useful.

## IMPULSE - 2010



ELECSA always made a host of decisions from time to time to make role specific, focused, futuristic and fun loving. With this concept in mind, ELECSA the student Association of E&C Department decided to launch IMPULSE-2010.

The fest was inaugurated by Mr. Janardhan.E, Deputy Director, ISRO.

There were 13 events to show up, primarily conceptualized to showcase and encourage technical and creative skills.

To exercise brains we had put in effort collectively to load events like "Communique" paper presentation, SimliEcity, Curiosity, Fundamental Khazana, Labrynth, Project Electronica, Trackmitter. More than 30 papers were presented, distributed in 3 panels as to divide the workload. It served the purpose of making students technically sound, along with having strong communication skills which is believed to be the need of the hour.

More than 50 teams participated in circuit designing for SimpliEcity. 30 teams participated in trackmitter where their theoretical knowledge of antennas and related theory was put to test.

40 teams Project participated 'Electronica' and more then 100 in 'Labrynth' tested student's knowledge. Fundamental Khazana which involved more than 130 participants help them self evaluate their basics.

The team of 'Fully Faltoo' challenged the participants by throwing on high level, physically and mentally tiring games. But more than 100 teams took up the challenge and the response was immensely huge and wonderful to watch.

Top Chef wherein 62 teams with 62 mouth watering dishes and the judges were in a state where they felt "more you have more you want".

The Bheja Fry event with high temper all around, arguments and talks spill over, more than 70 teams arguing made it interesting for audience to watch. Recycle bin aimed at testing creativity, imagination and innovation. The motto of recycle bin served the same where 40 teams participated in making wealth out of waste.

To take a break from regular academics, team ELECSA came up with a cultural event which was a huge success.

## Alumni Meet:

The Alumni Meet for the year 2010 was held in the campus on the 2nd January, 2010. President, Nitte Education Trust and Chancellor, Nitte University Mr. N.V. Hegde, brought the students up to date with the ethos of the Nitte Education Trust and the way the institutions have grown, their activities and continuing social commitment. He expressed his gratitude to alumni for creating a good brand image for the institution by doing well outside and said that it would delight him to have their children back in our institutions for study. He desired a warm relationship between the college and alumni with more involvement of alumni in our internal affairs through an alumni portal and shared newsletters.

Dr. S.Y.Kulkarni, Principal informed about the growth, modernization, M.Tech. courses, autonomy under the VTU, the choice of credit based courses, our goal of getting ABET accreditation in the next couple of years.

The President of Alumni Association, Avinash (1997 batch, Industrial Production, now working with Laser Soft Infosystems Ltd) explained the purpose of the Alumni Meet as making an attempt to provide students with what was not accessible to them in terms of guidance and industry expectations, desiring to bond with the college by reliving fond memories, and simultaneously building their own business opportunities by networking and helping out the alumni who are not doing well professionally by trying to get them placed appropriately. Training of faculty members in relevant areas of expertise could be another activity that the association could take up, he added. This would make the teaching faculty to be up to date with the industry, resulting in providing better quality of engineers.

Dr. K.M. Hebbar, Director, CSE and Prof. Shalini K. Sharma also spoke on the occasion.

Dr. S.Y. Kulkarni also spoke about the proposed Silver Jubilee Celebrations to be held during the 2010-11. It was also decided to have a dedicated Alumni cell in the campus with a staff incharge.

It was decided to announce the availability of project funding by alumni for final year students asking them to submit project proposal two weeks after the commencement of the 7th semester.

It was also decided that the alumni will be bringing in a fund of Rs.35,000/- towards project funding every year. This will be revised in the coming years. The college committed to put an equal amount.

The new officer bearers of the Association are:  
 President : Mr. Avinash, Vice President : Mr.Subodh,  
 Secretary : Mr.Saritha Shetty, Treasurer : Mr.Ramprasad  
 Joint Sec.: Mr.Sudhir, Tech Adviser/ Website: Mr.Ravindra  
 Newsletter co-ordinator : Mr.Sampath Kumar  
 Alumni Events, Activities co-ordinator & Representative of the College: Mr Rajesh Shetty, Asst. Professor, E&C Department.

## International Conference on Computer Architecture, Networking and Applications



An International Conference on Computer Architecture, Networking and Applications was held at NMAM Institute of Technology, Nitte on 7th and 8th January, 2011 in association with Penn State University, Harrisburg, USA and many other industrial, academic and technical co-sponsors including the Division-V (Education and Research) of Computer Society of India. About 360 delegates attended the conference. 24 selected papers were presented during the conference.

On 7th January, there were three parallel day long tutorial sessions. First one was on “Research Issues in Signal Integrity” delivered by Prof. Aldo Morales, from Penn State University, Harrisburg, USA. Second tutorial was on “Video Coding Standards and Research issues” by Dr. Karunakar K, a Post doctoral fellow from Athlone University, Ireland and on “ARM Processors and data parallel programming” by Dr. Deviprasad from Robosoft Technologies. Third tutorial session was on “Cloud Computing” by Mr. Arun Ravindran from Infosys Technologies and on “Workload Management” by Mr. Jaimon Jose, from Novel Bangalore.

Prof. Omid Ansary, Associate Dean and Professor of Electrical Engineering from Penn State University, Harrisburg, USA inaugurated the conference. Prof. Swarnalatha Rao, Chairperson of CSI-Division V(E&R) was the guest of honour. Mr N. V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust presided over the function.

Prof. Omid Ansary, in his inaugural address, said that, Quantum computation, and molecular and nanotechnology will radically change the face of computers in the years to come. He said that fifth generation computing devices, based on artificial intelligence, were on the whole in

development although there were some applications just as voice recognition that were being used however. “The goal of the fifth generation computing is to develop devices that respond to natural language input and are capable of learning and self-organization,” he added. “The fifth generation included tackling major initiatives in artificial intelligence, speech recognition, signal processing, integrated circuit design, computer graphics, machine vision, high performance computing, to cut a long story short on. Now, the top among current and future trends are in areas just as virtualisation, cloud computing, multi-core processing and Graphic Processing Unit computing. The model of GPU computing was to use a Central Processing Unit and GPU at the same time in a heterogeneous co-processing computing model. The sequential part of the application runs on the CPU and computationally-intensive part is accelerated by the GPU” - Prof. Ansary said.

As part of the Conference, there was a panel discussion on the theme “Relevance of Industry Institute Interaction in the Global Education Scenario”, which was moderated by Prof. Omid Ansary. Prof..Aldo Morales and Prof. Sairam from PSU Harrisburg USA, Prof. Swarnalatha Rao from CSI, Prof..Kumkum Garg, Director of MIT Manipal, Prof..S.Y..Kulkarni, Principal of the college, Mr.Naren K from IPoint Consulting, Mr..Jaimon Jose from Novell were the panelist.

Conference proceedings edited by Dr.Niranjan N.Chiplunkar and Dr.Uday Kumar Shenoy and published by M/SExccll India Publishers, New Delhi was released during the occasion.

## Entrepreneurship Development Cell (EDC) Activities



### Industrial Motivation Campaign

The EDC in association with District Industries Centre, Udupi conducted one day Industrial Motivation Camps:

- The first one was for final year Mechanical students of the college.

98 students from mechanical department participated in this Campaign. The programme covered lectures followed by discussion on following topics:

1. How to start SSI unit: general concept about the Govt. formalities, rules & regulation, plant location and different industrial aspects by Mr. S. G. Hegde, Joint Director, DIC, Udupi
2. Historical background -Indian values -vis-à-vis Entrepreneurship & the present scenario by Dr. Sudhirraj Justice K. S. Hegde Institute of Management , Nitte
3. Identification of business opportunities, project selection, project report preparation, project appraisal, technical & financial feasibility & evaluation by Mr. B. S. Baliga, Chief

Executive, Lamina Suspension Products Ltd, Mangalore

4. Lectures by practicing entrepreneurs success stories-common problem faced by an entrepreneur - Mr. S.R. Bhat, Works Manager, PACMAC Industries Ltd., Mangalore.

- The second one was for the final year B. B. M students of Vijaya College, Mulki on 22nd April, 2010.

89 students participated in this Campaign. The programme covered lectures followed by discussion on following topics:

1. Entrepreneurial Qualities - Dr. Sudhirraj, Justice K. S. Hegde Institute of Management , Nitte
2. Leadership Qualities - Mr. Rajendra Bhat, International J. C Trainer, Belman.
3. Communication Skill and How to face interview - Mr. Nandakishore S, Lecturer in English, Govt. First Grade College, Bantwal.

### Training programme on Lathe and Milling Machine Operation

The EDC in association with National Bank for Agriculture & Rural Development (NABARD) conducted 15 days training programme on Lathe and Milling Machine Operation for the rural unemployed youth, from 29th March to 17th April, 2010. 44 candidates underwent training.

**Staff Achievements / Publications/ Participation in Seminars etc.**



**Dr. S. Y. Kulkarni**, Principal, has been awarded the prestigious ISTE Bharatiya Vidya Bhavan National Award for “Best Engineering College Principal for the year 2009” from the Indian Society for Technical Education, New Delhi.



**Ph.D Awarded**

**Mr. Sudesh Bekal**, Asst. Professor in Mechanical Engineering Department, has been conferred with Ph.D degree by NITK, Suratkal, in mechanical engineering for his thesis entitled “Experimental Investigation on the use of blends of Ester and Diesel and Water-in-Ester Emulsion in CI Engine at Design and Off-design Regimes’.



**Mr. Muralidhara**, Asst. Professor in Mechanical Engineering, has received his Ph.D. degree from the Indian Institute of Technology, Madras.

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Prof. Niranjana N. Chiplunkar**, Vice Principal and Head

- Presented a technical paper titled “PICCO: Protocol Independent Congestion Control method using Mobile Relays in Mobile Ad-hoc networks” which was co-authored by Prof. Yuvaraju at the International Conference on Computer Networking (ICCNT-2010) at Bangkok, Thailand on 24th April, 2010.

- Gave a keynote address on ‘Recent trends in Computing and Communication’ where he highlighted on ‘Muticore Architecture Programming’ and ‘Mobile Operating System - Android’ at the “Techno Spark - 2010” a two day workshop on ‘Knowledge Mining’ at Srinivas Institute of Management studies, Mangalore on 26th March, 2010.

**Mr. Prasanna Kumar H.R.**, Asst. Professor, attended Faculty Development Programme on “Current Trends in Grid and Cloud Computing” from 22nd to 26th March, 2010 at NMIT, Bangalore. This Programme was supported and catalyzed by Government of Karnataka, Vision Group on Science and Technology, Department of Information Technology, Biotechnology & Science and Technology and organized by the Department of Information Science and Engineering, NMIT, Bangalore.

A project titled "Stock broking and portfolio management" has been selected for grant of Rs 16000/- from Institution of

Engineers (India), Kolkata, India (IEI) under the guidance of Mr. Govardhan Hegde K, Asst Prof., Department of CS&E. The project associates are: Neeraj Rai, Yogisha Kumar, Naveen Kamath K, Guruprasad

**Mr. Manjunath Kottari**, Asst. Professor has presented a paper titled “Formulation of framework for security mechanism in the context of Adaptive Distributed Systems” in the International Conference on Computer Architecture, Networking and Applications held at NMAMIT on 7th & 8th January, 2011. This paper was co authored by Dr. Nagesh H R, Professor & Head , Dept of CSE, Sayhadri College of Engineering & Management, Mangalore.

**Mr. Venugopala P S**, Professor, delivered a talk on “Introduction to Web 2.0 and Flex Programming” in the VTU, VGST, Govt. Karnataka sponsored Staff development program on “Advanced in Web Technology”, held at St. Josephs college of Engineering, Mangalore on 28th January, 2011.

**Mr. Roshan Fernandes**, Asst. Professor, has delivered technical lecture on "Building Rich Internet Applications using AJAX" and "Rich Internet Application Design Using Flex" at the VTU-VGST (GoK) sponsored faculty development workshop on "Recent Advances in Web Technology" conducted at St. Joseph Engg College, Vamanjoor, Mangalore.

**DEPT. OF CIVIL ENGINEERING**

**Mr. Srinath Shetty K.**, Asst. Professor, has been nominated as Member of Governing Council of Pilkula Pradeshika Vijnana Kendra Society (Regd), Mangalore by the Government of Karnataka.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Mr. K. Rajesh Shetty**, Assistant Professor,

- Presented a paper titled “Design and Construction of Algebraic Codes for Enhancing Data Integrity in Flash Memories”, at the International Conference on VLSI, Communication, Computation and Security (ICVCCS 2010) held at Karunya University, Coimbatore during 9th & 10th April, 2010. This paper was later published in International journal on Advance in Communication Engineering (IJACE).
- Presented a paper titled “Design and Construction of Codes for MIMO Block Fading Channels”, at the International Conference on Advanced Computation and Communication (ICACC 2010) organized by Amal Jyothi College of

## Staff Achievements / Publications/ Participation in Seminars etc.

Engineering, Kanjirapally, Kerala during May 3 – 4, 2010. This paper got the ICACC 2010 Best paper award.

### DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

Anusha Jain, Kavitha Puranik K., Louella Concepta Goveas, Chethan D. M. and C. Vaman Rao all from Biotechnology Department “A Study on Biodegradation of Propoxur by Bacteria Isolated from Municipal Solid Waste” has been published in the International Journal of Biotechnology Application 1(2): 26-31, 2009.

**Mr. Venkatesh Kamath H.**, Lecturer presented papers on

- “Karanja Biodiesel Synthesis: Comparative Studies on Microwave and Conventional Heating” at “ENERGETIC 2010 - AICTE sponsored National Conference on Energy” organized by Chemical Engg. Dept., MVJCE Bangalore on 10th and 11th February 2010 and won 2nd prize.
- "Optimization of Free Fatty Acid Reduction from Pongamia oil under Microwave Irradiation" at National Conference on “Recent Trends in Chemical Research” organized by Dept. of Chemistry, NITK Surathkal on March 8 - 10, 2010.

### DEPT. OF INFORMATION SCIENCE & ENGINEERING

**Mrs. Ashwini B**, Lecturer; presented a paper titled “An approach for the removal of Gaussian and impulse noise at low noise levels” in the International Conference on Computer Architecture, Networking and Applications held at NMAMIT on 7th – 8th January 2011. This paper was co authored by Mr. Gururaj Bijur and Mr. Venugopala P S.

### DEPARTMENT OF MECHANICAL ENGINEERING

**Dr. Muralidhara**, Asst. Professor

Muralidhara, N. J. Vasa, M. Singaperumal (2010) Wear ratio based tool wear compensation for micro electro discharge machining of silicon through process simulation, Journal of Micro/Nanolithography MEMS and MOEMS, 9, 013040-46

Muralidhara, N. J. Vasa, M. Singaperumal, Piezo-actuated tool feed system combined with tool-wear compensation for machining-depth control in micro-EDM, International Journal of Advanced Manufacturing Technology, Accepted with minor corrections, Manuscript No. IJAMT5745R1

Muralidhara, Sourav Mitra, N. J. Vasa, M. Singaperumal Investigation on particle generation by micro-electro discharge machining, Proceedings of SPIE, Symposium on

MOEMS-MEMS 2010, Micromachining and Microfabrication Process Technology XV, San Francisco, California, USA, January, 2010, Vol. 7590

Muralidhara, Nilesch J. Vasa, M. Singaperumal Estimation of tool wear compensation during micro-electro-discharge machining of silicon using process simulation”, Proceedings of SPIE, Symposium on MOEMS-MEMS 2010, Micromachining and Microfabrication Process Technology XV, San Francisco, California, USA, January, 2010, Vol. 7590

### DEPARTMENT OF LIBRARY & INFORMATION CENTRE

**Dr. H Divakara Bhat**, Librarian

- Presented a paper: “Empowering library professionals in managing digital resources and providing extension services in NMAMIT Library: a study” during 2-day UGC sponsored National Conference held at St. Agnes College, Mangalore, Karnataka during 18-19th January, 2010.
- Presented a paper: “User Education is a Continuous Process: An experience of NMAMIT Library” during 2-day UGC sponsored National Conference on Knowledge, Knowledge Banks and Information Networking (KKBNET), 2010 during 8th and 9th April, 2010 at NITK, Surathkal.

## Students Achievements

### DEPARTMENT OF CIVIL ENGINEERING

**Shashikumar Rao and Rajesh K. S.** of VI semester participated in the “Bending Moment 2010” organized by Ethos India Groups co sponsored by Tata Tiscon and Zuari Cement Companies on 29th March 2010 held at Bangalore. They secured third place in the finals of Southern Interface.

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**K. Shivanandh and Pradeep K. B.** of VI semester C Section, won the second place at the “Compuware” event of “ABACUS’ 10” fest organized by Anna University, Guindy, Chennai on 29th and 30th March 2010.

**Krishna Raj and team** won the First place in the “AURORA”, fest organized by St. Joseph College of Engineering, Vamanjoor, Mangalore on 25th and 26th March 2010.

**Prateek M. and Nayan Kumar S. N.** both of 6th semester B Section, won the first and second place in the “EMC2 Technical Challenge” (Quiz Competitions) organized by M. S. Ramaiah Institute of Technology, Bangalore on 26th March 2010.

## Students Achievements

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Mr. Shiva Kumar**, Research Scholar, won the best paper award for his paper 'Performance and Emission Characteristics of a 4 Stroke C.I. Engine with WCO as Biodiesel using Artificial Neural Network' at the International conference on Recent Advances in Mechanical Engineering (ICRAME-2010) held at Noorul Islam University Kumarcoil, Tamilnadu during 8th and 9th April, 2010. (The paper is co-authored by Dr Srinivasa Pai. P and Dr Shrinivasa Rao .B.R. faculty of Mechanical Engg. Department of the College.)

### DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

The poster titled "Isolation and Characterization of Caffeine degrading Fungi from Coffee Pulp" by Vibha Nayak, Ashwini Pai, Pooja V. Pai, Supriya Pai, Sushma Y. D, Anilkumar H. S. won the second prize at CSIR sponsored Current Scenario in Microbial Biotechnology held at K. S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu on 10th and 11th March 2010. (Guide - Prof. C. Vaman Rao)

**Ashwini Pai, Pooja V. Pai, Supriya Pai, Sushma Y. D, Vibha Nayak, Anilkumar H. S.**, VI semester, won the first Prize for the poster "Isolation and Characterization of Caffeine degrading Filamentous Fungi from Coffee Pulp". (Guide - Prof. C. Vaman Rao)

**Harshitha, M. J, Maithili, Sneha Nayak, Charanya Sampath, Anil Kumar H. S.** VIII semester students won the second Prize for their paper "Isolation of Plasmid from Caffeine Degrading Bacteria Isolated from Coffee Pulp and Transformation Studies" (Guide - Prof. C. Vaman Rao)

Ms. Nileema Gopinath and Mr. Pankaj Jawalkar VI semester students undertook a project at ONGC during summer vacation won "Second Prize" for poster presentation on: "Performance Evaluation of Biocides and Role of Water Injection in Oil Technology". (Guide - Prof. C. Vaman Rao)

Ms. Nileema Gopinath and Mr. Pankaj Jawalkar also won "Second Prize" for model presentation on: "Biodiesel Production using Microwave Irradiation" by Nileema Gopinath and Pankaj Jawalkar at "PLEIADES" National Level Technical Fest organized by Dept. of Biotechnology, B. V. B College of Engineering & Technology, Hubli ( 25th to 27th March, 2010). (Guide - Prof. C. Vaman Rao)

## Placements

### Placement Details for the year 2010-11

Sl No.	Name of the Company	No. Selected
1	Accord Software & Systems	06
2	Agrocom Software Limited	01
3	Akamai Technologies	04
4	BASF Limited	04
5	B.E. Billimoria & Company Limited	02
6	CCCL, Chennai	01
7	Celstream Technologies Pvt.Ltd.	02
8	HP Limited	08
9	Infosys Technologies	101
10	ITC Infotech	03
11	L&T ECC	19
12	Mahindra & Mahindra Limited	01
13	MindTree	49
14	Oracle	07
15	Robosoft Technologies	12
16	Sankalp Semiconductors	01
17	SonicWalls	07
18	Sourcebits Technnologies	13
19	TELES Computer Systems	05
20	Tata Consultancy Services	130
21	Tata Elxsi Limited	08
22	Tech Mahindra & Mahindra Satyam	12
23	Udupi Power Corporation Ltd.	03
24	Wipro Technologies	55
	<b>Total</b>	<b>454</b>

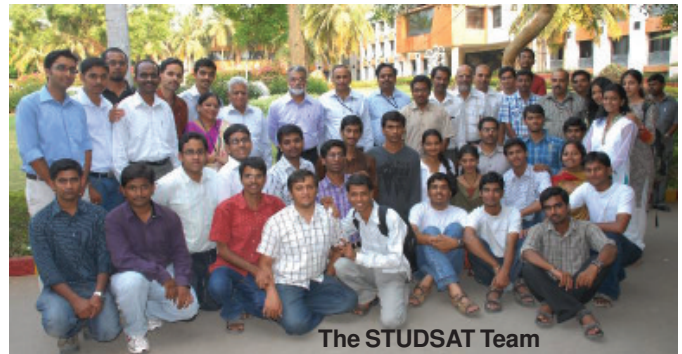
### Branchwise Recruitment for the year 2010-2011

Branch	Total Number Recruited
E&C	117
Computer Science	117
Information Science	60
MCA	52
Mechanical	51
E&E	29
Civil	16
Biotechnology	08
M.Tech. - DEC	03
M.Tech. - CS	01
<b>Total</b>	<b>454</b>

# STUDSAT-1 STUDent SATellite Program

STUDSAT (Student Satellite) is a unique satellite technology endeavour undertaken by Under-graduate students in India. STUDSAT is the first Pico-Satellite launched by India, and more so special, as it is a project undertaken by Under-graduate students from seven different Academic Institutions, from different regions of India lead by Nitte Meenakshi Institute of Technology under the guidance of the Indian Space Research Organization (ISRO). The participating institutions are Meenakshi Institute of Technology, R V College of Engineering, M S Ramaiah Institute of Technology, BMS Institute of Technology, Chaithanya Bharathi Institute of Technology, Institute of Aeronautical Engineering and Vignan Institute of Technology and Sciences.

STUDSAT is the smallest operational satellite launched by ISRO. The mission of the satellite is experimental in nature, but the major objective of this mission is to enable students to have hands-on experience on Space technology by involving them in the design, fabrication and

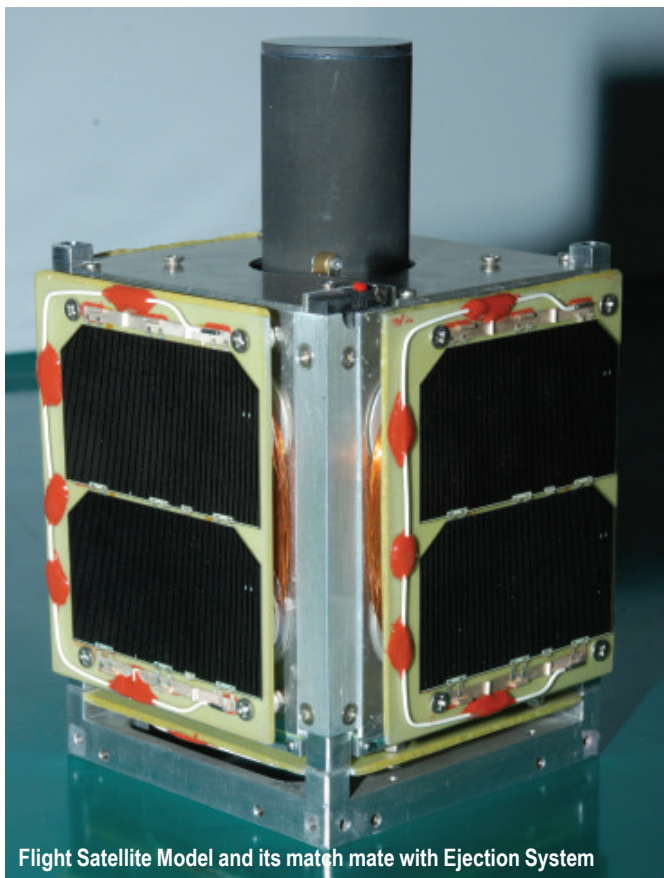


The STUDSAT Team

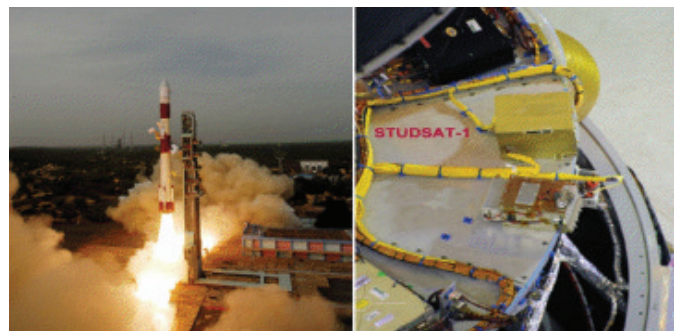
implementation of a full-fledged space mission at a nominal budget.

The satellite is close to being a cube, of miniature size, when compared with the common satellites, with dimensions of 10 cm x 10 cm x 13.5 cm; it weighs just above 950 gm and has a volume of 1.1 litres, and hence falls into the category of "Pico Satellites". The satellite has been launched in a PSLV into a 630 km solar-synchronous orbit. The functional objective of the satellite is to perform remote sensing, and capture images of the surface of the earth using its camera of resolution 90 m; The best resolution hitherto achieved by any Pico Satellite in the world. The college is a recognised centre by ISRO to carry on the Student Satellite program in India

The college has taken extra initiative by providing state-of-the-art facilities for the students to perform the tasks with no hindrances. An Industry standard Clean Room facility, a resourceful Software Lab, a sophisticated Ground Station (NASTRAC-Nitte Amateur Satellite Tracking Centre) with Amateur Satellite tracking facilities and a HAM license, have been provided to facilitate the completion of project.



Flight Satellite Model and its match mate with Ejection System



Launched "STUDSAT" The First Indian Pico Satellite from SHAR-Sathish Dhawan Space Centre , Shriharikota.

## Nastrac Health Monitor & Satellite Tracking Display Systems



### Post Launch:

As a culmination to all the efforts from the past more than two years, STUDSAT was put into its lower earth orbit of 630 km by PSLV-C15 on the 12th July, 2010 from Sriharikota at 09:43 IST. This was a remarkable event in the Space Expedition of India, when the first Indian Pico satellite was put into orbit successfully. By 11.02 IST, on the 12th July, STUDSAT while making its first pass over the NASTRAC transmitted beacon signals which were received at NASTRAC (Nitte Amateur Satellite Tracking Centre) by the team.

### Research Papers:

A research paper on "Project STUDSAT: A Pico Satellite for Imaging" was presented at 59th International Astronautical Congress held in Glasgow, UK in September 2008.

A research paper on "Project STUDSAT: India's First Pico-Satellite" was presented at Indian Small Satellite System Conference (ISSSC)-1 organized by ISRO in April 2010.

A research paper on "Attitude Determination & Control Systems for Small Satellites" was selected at International Astronautical Federation on 61st International Astronautical Congress held in Prague, Czech Republic in September 2010.



Handing Over of STUDSAT-1 to ISRO by "His Excellency Shri Hans Raj Bharadwaj, Honorable Governor of Karnataka" on 17th April, 2010.

### Honors and Awards:

Team STUDSAT was honored with "Hans Von Muldau Best Team-2008" award by International Astronautical Federation at 59th International Astronautical Congress held in Glasgow, UK in September 2008.

Two Best Paper Awards at "Emerging Solutions in Space Technology (ESSTA)-2008" in October 2008.

Best Presentation Award at Indian Small Satellite System Conference (ISSSC)-1 : First Prize, organized by ISRO in April 2010.

Best Paper Award at Indian Small Satellite System Conference (ISSSC)-1: Third Prize, organized by ISRO in April 2010.

Best Paper Award at Indian Small Satellite System Conference (ISSSC)-1: First Prize, organized by ISRO in April 2010.

Won All Indian Best Student Project Award 2010 sponsored by IEEE-India (Aerospace & Electronic System Society) held at Hyderabad in August 2010.

Two Best Paper Presentation Award: Second Prize, Organized by SHRISTI 2010 in July 2010.



NASTRAC inauguration by Dr. K. Radhakrishnan, Chairman, ISRO on 30th March, 2010.

## Inauguration of NASTRAC



The Nitte Amateur Satellite Tracking Centre (NASTRAC) was inaugurated by Dr. K Radhakrishnan, Chairman, ISRO on 30th March, 2010. Dignitaries from ISRO including Dr. VS Hegde, Scientific Secretary, ISRO and Mr. DVA Raghava Murthy, Project Director, Small Satellite Projects, ISAC were present.

NASTRAC is capable of communicating with more than 250 amateur satellites across the globe, is able to receive telemetry data sent by other satellites and can also track and communicate with International Space Station (ISS) which is the largest space observatory.

## Workshop on “Overview of Matlab”

One day workshop on Overview of MATLAB was organized by department of Information Science and Engineering on 10th November, 2010. The comprehensive hands-on course package was especially designed for beginners who are new to MATLAB. The programme was begun with an introduction to MATLAB; the course first provided participants with a working understanding of MATLAB technical computing environment. Extensive examples were used to illustrate how to perform common tasks with MATLAB on a step-by-step approach. The last part of the course dealt deeper into sophisticated usage of MATLAB to write user-friendly code. The resource person was Dr. Rudra Pratap, Professor, Department of Mechanical Engineering, Indian Institute of Science (IISc), Bangalore. He works in the field of Micro-Electro-Mechanical Systems (MEMS) and currently heads India's first research lab in the field of MEMS “CranesSci MEMS Lab” at Indian Institute of Science, Bangalore.

## Robotronics

A milestone review of the robotics project “Industrial Robot Automation” sponsored by CAIR, DRDO was held on 22nd March, 2010. The Final Review of the project “Industrial Robot Automation” and Inauguration of New Robotics Lab at NMIT by the Director, CAIR, DRDO was held on 15th November 2010.

## Workshops

A 7 day hand on workshop on “DSP and Embedded Systems Design on Reconfigurable Hardware Platform” was organized from 29th January to 4th February, 2010. Workshop was conducted by Dr. Jharna Majumdar, Dean R&D, Mr. Rajesh N, Asst. Prof., Department of ECE and Mr. Sudeep K C, Research Associate.

A 2 day workshop on “Industrial Applications through Advanced Robotics” was organized by the Department of CSE from 20th to 22nd March, 2010. The lectures were delivered by eminent professor from Indian Institute of Science (IISc) and Scientists from Centre for Artificial Intelligence and Robotics, DRDO.

A 2 week short term course on “Image and Video Processing and Applications of Computer Vision” was organized from 5th to 21st July, 2010. The lectures were delivered by Dr. Jharna Majumdar, Dean R&D. The Laboratory sessions were conducted by Research Associates of the college.

The Department of Electrical and Electronics Engineering had conducted a one day workshop on “Artificial neural networks and Fuzzy logic” on 12th November, 2010.

A workshop on Nano Science-Recent trends and Applications was held on 3rd & 4th March, 2010. It was jointly organised by the Departments of Physics & Chemistry. The programme was attended by participants from various institutions.

The multi-disciplinary R & D Centre in co-ordination with the Centre for Artificial Intelligence and Robotics (CAIR) organised a hands-on workshop on Industrial Applications through Advanced Robotics from 20th to 22nd March, 2010. The session were handled by a team of scientists from CAIR. This was followed by a visit to the various laboratories of CAIR.

## SAE Inaugurated

The Society of Automotive Engineers (SAE) was inaugurated on the 12th November, 2010 in the College. The Chief Guests of the day were Dr.N.R.Shetty, Director, NMIT, Mr. Javaji Munirathnam, Managing Director, Assystem India Pvt Ltd, Mr.K.P.Murthy, Vice Chairman, SAE, Student Activities Bangalore Section, Mr. Maruthi, DyGM, Bosch India and Dr.H.C.Nagaraj, Principal of the college.

## Short Term Course

A Short term course on “Image & Video Processing and Applications of computer vision” was held in the college during 5th to 22nd July, 2010. There were 87 Participants.

## Workshop on “ DSP and Embedded systems design on Reconfigurable Hardware Platform”



The R & D Centre organised a week-long hands-on workshop on DSP and Embedded systems design on Reconfigurable hardware platform from 29th January to 4th February, 2010. The workshop was inaugurated by Mr. Radhakrishna, Dy. Director, Launch Vehicle Programme Office (LVPO), ISRO. Dr. Aman Chakrabarti, Professor, Calcutta University and Mr. GV Srinivas were the resource persons.

### Staff Achievements / Publications/ Participation in Seminars etc.

#### DEPARTMENT OF MECHANICAL ENGINEERING

##### Ph.D. Awarded



**Dr. Shailesh Rao**, Asst Professor  
Has been awarded a PhD from NITK, Surathkal for his thesis on "Investigation of Melt Flow behaviour in Centrifugal Casting".



**Prof. Sekhar Majumdar**, Professor,  
Elected a Fellow of the Indian National Academy of Engineering (INAE) by the council, in recognition of his contribution to Mechanical Engineering and the Fellowship is effective from 1st January, 2010

- Has published the following Papers
- 1.Majumdar Sekhar, Simulation of low speed turbulent flows in complex configuration, presented at the Annual Convention of Indian National Academy of Engineers held at NSTL Visakhapatnam on 10th -11th Dec.,2010
- 2. Majumdar Sekhar, Rajani B.N., Kulkarni D.S., Subrahmanya M.B., Numerical simulation of incompressible turbulent flow using linear eddy viscosity based turbulence models, Defence Science Journal, Vol. 60, No. 6, November 2010, pp. 614-627
- 3.Majumdar Sekhar, Turbulence Modeling for CFD Simulation of Low Speed Flows, Two Invited Lectures delivered at the Centre of Modeling and Simulation, University of Hyderabad, Proceedings of Workshop on CFD,

21st to 25th September, 2010

4.Rajani B.N., Kandasamy A., Majumdar Sekhar, Large Eddy Simulation of flow past a circular cylinder in the lower subcritical regime ( $Re = 3900$ ), In Proceedings of the 8th Asian CFD Conference held at Hong Kong on January 10th -14th, 2010

- 5 Invited Lectures at the Workshop on CFD entitled “Introductory course on Computational Fluid Dynamics”, organized by NAFEMS, India at the New Horizon College of Engineering from December 22nd to 23rd , 2010

**Prof P G Mukunda**, Professor has co authored a technical paper in Indian Foundry Journal which was adjudged the best technical paper in the Nonferrous section during 2008-2010. Further he is a recipient of similar awards for his paper during 2006 and 2008.

**Mr. Kiran Aithal**, Asst. Professor

- “Evolution of Microstructure and Hardness of Al-Si Functionally Graded Material Cast through centrifuge Technique using Hypereutectic and Eutectic Al-Si “ in IJMME
- “Characterization of Al-Si Functionally Graded material uses Centrifuge Casting Method” in International review of Mechanical Engg.
- “Effect of L/D ratio on Al-Si Functionally Graded Material cast through Centrifuge Technique” in Advanced Materials Research Journal, Switzerland
- “Microstructure and Wear Characterization of

## Staff Achievements / Publications/ Participation in Seminars etc.

Hypereutectic Al-Si FGM” in TMS2010, 139th Annual Meeting and Exhibition, USA

- “Effect of L/D ratio on Al-Si Functionally Graded Material cast through Centrifuge Technique” in ICAMR 2011, Chongqing, China.
- “Effect of Mould wall thickness on rate of solidification of centrifugal casting”, in International Journal of Engineering Science and Technology (IJEST),
- Presented a technical paper “Characterization of Al-Si Functionally Graded Material Cast through centrifuge technique” in ICFIME- May 2010, NITK Surathkal, India.
- Presented a paper Evaluation of Microstructure and Hardness of Al-17wt% Si-7wt%SiC Functionally Graded Composite- AMMMT 2010, SIT Tumkur.

**Mr. Madhusudhan**, Asst. Professor,

- Presented a paper “Experimental study on rate of solidification of centrifugal casting” International Journal of Mechanical and Materials Engineering (IJMME)
- Presented paper “Experimental study on effect of mould wall thickness on rate of solidification of Centrifugal casting”, International conference (FIME 2010) held at NITK, Surathkal on 15th May, 2010

**Mr Sudheer Reddy**, Asst. Professor, presented technical paper “Wear & Machinability study of Si-Cp and Al<sub>2</sub>O<sub>3</sub>p reinforced Al-Si alloy composites” in International Review in Mechanical Engineering, January 2010.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Ms. Nailni N**, Professor & HoD

- “Evolving user Modeling Wavelet Neural Network for Face Recognition” - CCITA 2010, Coimbatore, Jan21-23 ,2010
- “Distributed Sensor Networks: An overview”, - National Conference, NCAIT, SJBIT, Bangalore, 2010.
- “Wireless Patient Monitoring and Alerting System Using Zigbee Technology”, - International Journal of Electronics and Communication Engineering, ISSN 0974-2166, Volume 3, Number 1 (2010), pp 247-256.
- “Multistep ahead Stock and Exchange rate Prediction Integrating Wavelet Denoising and Improved Instance Based Learning”, - International Conference On Advances In Industrial Engineering (ICAIEA - 2010), from 6th to 8th January 2010, Guindy, Anna University, Chennai, India .
- “A Hybrid System Integrating a B - Spline wavelet filter and Improved instance based learning for multistep ahead

time series forecasting ", - International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST), from 11th to 13th January 2010, NIT ,Rourkela, India.

- “Analysis on the Convergence of Dyadic based Neural Network with varying learning rate and resolution for function learning”, - The 2nd International Conference on Machine Learning and Computing (ICMLC 2010) from 9th to 10th February 2010, Bangalore, India.
- “An Integrated Multistep Prediction system based on wavelet filter analysis and Improved Instance Based learning (IIBL)”, - International Symposium on Biocomputing (ISB-2010) from 15th to 17th February 2010, Calicut, Kerala, India.

**Ms. Saroja Devi H.**, Professor

- “Design and verification of SoC with MicroBlaze and Ethernet MAC/PHY for networking applications”, , accepted paper for International Conference on Advances in Information, Communication Technology and VLSI design (ICAICV) 2010

**Ms. Prathibha A Ballal**: EEAPA: Energy Efficient Adaptive Precision Allocation for Data Aggregation in Wireless Sensor Networks Fourth”, -International Conference on Information Processing, Bangalore, 6th -8th Aug, 2010 ( Best Paper Presentation Award)

**Ms. Kavitha Sooda**: A Novel adaptive routing through Fitness function estimation technique with multiple QoS Parameter Compliance, - ICIP, August 2010.

Pavithra P, Ramyashree R, Shruthi T V., Jharna Majumdar: “Image enhancement by Histogram Specification using multiple Target Images”, -International Journal of Computer and Communication Technology (JCCT), Vol.1 Issue 2,3,4; 2010.

Pavithra P, Ramyashree N, Shruthi T.V, Jharna Majumdar: “Enhancement of Aerial and Medical Image using Multi resolution pyramid”, - published in the special issue of International Journal of Computer Science

Pavithra P, Ramyashree N, Shruthi T.V, Jharna Majumdar: “Image Enhancement by Histogram Specification Using Multiple Target Images”, - published in the special issue of International Journal of Computer Science .

## Staff Achievements / Publications/ Participation in Seminars etc.

Jharna Majumdar, Vanathy B. and Lekshmi S.: "Iterative Refinement of Transformation Parameters for Image Registration", - International Journal of Computer Science (IJCSI), Vol 7, Issue 5, Sept 2010

Sudeep K C, Jharna Majumdar: "A Novel Architecture for Real Time Implementation of Edge Detectors on FPGA", - International Journal of Computer Science (IJCSI), Vol. 8, Issue 1, January 2011

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Prof B R Natarajan**, HOD

- Published a Paper on "Simulation of electric field intensity and Computations of point plane Corona inception in air at atmospheric pressure" in International Journal of applied Engineering research.

- Presented a paper titled "Corona Pulse rise time measurements between point plane electrodes in atmospheric air" was accepted for presentation at International Conference on Electrical Insulation and Dielectric Phenomena (CEIDP 2010) at Purdue University, USA.

### DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

Dr. S.L.Pinjare has given a talk on "Low Power VLSI design" at Reva Institute of Technology and Management in Feb 2010.

Ms. Sowmya Madhavan, Sr. Lecturer, won the First prize in the inter collegiate Speech completion held by DISHA on 28.01.2010. The topic of the speech was "Man making mission, as a teacher how do I achieve this goal of Swamy Vivekananda"

Ms. Veda Sandeep Nagaraja, Asst. Professor, presented a joint paper along with of Ms. Veena S., Sr. Lecturer and Dr. S. L. Pinjare, Professor at 34th National Systems Conference NSC 2010 held at NITK Surathkal during 10th - 12th December 2010. The title of the paper is "An ASIC Implementation of a Neuron".

Mr. Shashidhara K.S, Asst. Professor, Rajesh N., Asst. Professor, Mr. sanoop M.K. Asst. Professor, presented a paper "Wavenet PID controller for Robotics applications", International Conference on Convergence of Science &

Engineering in Education & Research 2010, at Dayananda Sagar College of Engineering , Bangalore held from April 21-23, 2010.

**The following research papers were published at National/ State level conferences and International Journals by the Staffs, Research Associates and students working in the Robotics Lab at NMIT.**

#### International Journal

Dr. Jharna Majumdar, Sudeep K C: A Novel Architecture for Real Time Implementation of Edge Detectors on FPGA - IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 1, January 2011.

#### National Level Conferences

Dr Jharna Majumdar, Rajesh N, Sindhoor Hegde, Subramanya Hegde, Venkatesh G M, Sindhu Priya K.: Vision System for Pick and Place Robot at the National Conference on emerging Trends in Control, Communication, Signal Processing and VLSI techniques (CCSV -10) in Oxford College of Engineering, Bangalore, April 2010

Dr Jharna Majumdar, Rajesh N, Sneha H L, Rashmi R, Sushma R P: 'FPGA Implementation of Real Time Edge Detector using Xilinx System Generator' at the National Conference on emerging Trends in Control, Communication, Signal Processing and VLSI techniques (CCSV -10) in Oxford College of Engineering, Bangalore, April 2010

R Praveenkumar Jain, Harivittal Atreya H K: Computer Graphic Simulation of Pick and Place Robot - SHRISTI 2010, State level Project presentation competition held in Sri Siddharta Institute of Technology, Tumkur, May 2010.

Sneha H L, Rashmi R, Sushma R P: FPGA Implementation of Real Time Edge Detector using Xilinx System Generator at the SHRISTI 2010, State level Project presentation competition held in Sri Siddharta Institute of Technology, Tumkur, May 2010

Gouramma Hiremath, Deepika R.: 'Implementation of Image Enhancement Algorithms on FPGA using Xilinx System Generator' at the SHRISTI 2010, State level Project presentation competition in Sri Siddharta Institute of Technology, Tumkur, May 2010.

## Students Achievements

Papers presented at the Shristi - 2010, State Level Paper and Project Presentation Competition on 7th, 8th and 9th May, 2010 at Tumkur, Karnataka.

● **R Praveen Kumar Jain**, 8th Sem, ECE and H K Harivittal, 8th Sem, CSE: Computer graphic simulation of pick and place robot.

● **Subramanya Hegde**, 8th Sem, ECE and **Venkatesh G M**, 8th Sem, ECE: Vision system for object identification: a visual aid for robot manipulation.

● **Sneha H L, Rashmi R, Sushma R P**, 8th Sem, ECE: FPGA Implementation of Real-Time Edge Detectors using Xilinx System Generator.

● **Gouramma Hiremath.s, Deepika.R**, 8th Sem, ECE: Implementation of Image enhancement algorithms on FPGA using Xilinx System Generator.

● **Bheema Rajulu**, 6th Sem, EEE: Design and Development of a Student Pico satellite 'STUDSAT'.

Papers presented at the IEEE All India Students Contest - 2010 on 21- 22nd August, 2010 at Hyderabad, Andhra Pradesh

● **Chetan Angadi, Chetan Dixit, Mamatha R. M.** of Dept. of CSE: Design & Development of STUDSAT,

● **Sudeep K C, R Praveen Kumar Jain, Swaroop R, Venkatesh G M.** of Dept. of CSE: Intelligent Machine Vision System for Pick and Place Operation.

Papers presented at the International Conference on Advances in Computer, Communications Technology and its Applications (ACCTA - 2010) from 3rd to 5th August, 2010 at Bhubaneswar, Orissa

● **Pavithra P, Ramyashree N, Shruthi T.V**, Final Year MTech, CSE: Image Enhancement by Histogram Specification Using Multiple Target Images.

● **Pavithra P., Ramyashree N, Shruthi T.V**, Final Year MTech, CSE: Enhancement of Aerial and Medical Image using Multi resolution pyramid.

Papers presented at the National Conference on Emerging Trends in Control, Communication, Signal Processing & VLSI Techniques (CCSV - 10) on 21st - 22nd August, 2010 at Bangalore, Karnataka

● **Sneha H L, Rashmi R, Sushma R P**, 8th Sem, of ECE: Implementation of Real-Time Simple Edge Detectors on FPGA using Xilinx System Generator.

● **Sindhuor Hegde, Subramanya Hegde, Venkatesh G.M, Sindhu Priya**, 8th Sem, ECE: Vision system for a pick and place robot.

**Sujith Sudarshan**, M.Tech. student along with Dr. S.L.Pinjare had presented a paper "MDAC Synapse- Neuron for Analog Neural Networks" at National Conference on Information and Communication Technology (NCICT 2010) held on 23rd April 2010 at New Horizon college of Engineering. The same paper has been selected for publishing in International Journal of Advanced Networking and Applications (IJANA).

**Praveenkumar Jain, Venkatesh G.M, Sudeep K.C and Swaroop R.** have won the Best project award under "Industrial Application" category in IEEE All India Student Project Competition held at Hyderabad Osmania University in the month of August 2010. (Guides: Dr. Jharna Majumdar. Dean, R&D, Dr. Mukunda, Professor, Dept. of Mechanical Engg., Prof. Rajesh and Mr. Sanoop M.K. of E&CE Dept.)

**Ambikashri B Shetty, Apoorva K Murthy**, IV Year Dept. of CSE presented a paper on "Implementation of Digital Image Processing principles for Micro Structure Analysis of Spheroidal Graphite cast Iron" at BMSCE, UTSAV, Techno-Cultural fest, April 2010.

**Robotics Project done by student of NMIT were presented at national and state level competitions.**

**Swaroop R, Ganesh M Pai, R Praveenkumar Jain, Venkatesh G.M.** won the second prize for their project 'Command and Control of Articulated Pick and Place Robot using Vision System' at the SHRISTI 2010, State level Project presentation competition held at Sri Siddharta Institute of Technology, Tumkur during May 2010.

## SPORTS

The College team won the I place in the Bangalore North zone Football Tournament held at the Dr. T Thimmiah Institute of Technology, KGF, Kolar on March 12 & 13, 2010.

The College team were the runners-up at the Manipal Annual National Sports & Cultural Fest "Revels 10" hockey tournament held at MIT, Manipal from March 3 to 6, 2010.



### OBITUARY

We deeply mourn the sad demise of Ms. Ankitha Agarwal, IV sem, CS&E who expired on 5th March, 2010.

## SPONSORED RESEARCH PROJECTS (Completed and On-going during 2010)

Sl. No.	Project Title	Principal Investigator	Dept.	Grant	
				Amount	Agency
1	Detection of Horizon MAV images	Dr. Jharna Majumdar	CSE	Rs 9.9 Lakhs	DRDO
2	Computer Vision Based Horizon Detection From MAV Video and Estimation of Attitude From Horizon Vision	Dr. Jharna Majumdar	CSE	Rs 9.6 Lakhs	DRDO
3.	Development of Video Processing Techniques for Removal of Image Perturbation -	Dr. Jharna Majumdar	CSE	Rs 9.85 Lakhs	DRDO
4.	Industrial Robot Automation	Dr. Jharna Majumdar	CSE	Rs 9.4 Lakhs	DRDO
5.	Development of Algorithms for Fusion of Multisensor, Multispectral and Multifocus Imagery	Dr. Jharna Majumdar	CSE	Rs 8.17 Lakhs	VTU
6.	Student Satellite Project (STUDSAT)	Dr. Jharna Majumdar	CSE	Rs 55 Lakhs	ISRO
7.	Design and Performance Evaluation of Algorithms for Key Management and Security of Routing Protocols for Distributed Sensor Networks	Dr. Nalini N	CSE	Rs 6.78 Lakhs	AICTE
8.	Modeling and Analysis of Fluid Behavior in Centrifugal Casting	Dr. Shailesh Rao	CSE	Rs 8.62 Lakhs	VTU
9.	Numerical solution of Complex Flows with Laminar to Turbulent Transition	Dr. Sekhar Majumdar	Mech.	Rs 7.42 Lakhs	VTU
10.	Fabrication of Unmanned AERIAL Vehicle (UAVs) for Civil Application	Dr. P B Shetty	Mech	Rs 5 Lakhs	IEDC
11	Investigation on Mechanical Behavior of Glare (Glass Reinforced) Materials for APPLICATION IN THE Wing Leading Edge of transport Aircraft.	Dr. P B Shetty	Mech	Rs 17.82 Lakhs	IEDC
12	Design and Fabrication of Pick and Place Robot using Vision Based Technology for Individual Automation	Prof. Desai Gowda	Mech	Rs 5 Lakhs	IEDC
13.	Investigation of Neural Network Architecture for Image Compression	Dr. S L Pinjare	E&C	Rs 5.28 Lakhs	VTU
14.	Synthesis, Charecterization of Some Benzamides and Their Biological Activities	Dr. Srilatha Rao	Chemistry	Rs 4.5 Lakhs	VTU
15	A Generalized Mathematical Modeling of Separation Process by Membrane Filtration with effect of Membrane Fouling	Dr. Indira	Mathematics	Rs 3 Lakhs	VTU



## National Conference

A National Conference was organized at the Institute on 29th to 30th January, 2010 on the theme of "Recession, Recovery and Resurgence: Responses in the Indian Economy". The representatives of the Indian industry and commerce, management institutes, bankers and educationists from different parts of the country deliberated on the theme. The sub-themes of the conference were Recession and its Impact on the Indian Economy, the Present HR Dilemmas in Management, Need for Innovating Marketing Strategies, Bank Lending for Recovery and Resurgence, Monetary Policy Announcements of the Reserve Bank and their Limitations, New Challenges in the Process of Recovery, Governance and Management Issues in Recession, Recovery and Resurgence and Industry – Academia Relations in Recovery. The deliberations of the Conference were mainly related to the impact of recession on the Indian Economy and the policy measures needed for combating recession. The Conference was inaugurated by Dr. Manoj Vaish, President and CEO, Dun and Bradstreet India, Mumbai. Dr. Narendra Jadhav, Member, Planning Commission, Government of India, New Delhi, delivered the keynote address.



### Valedictory Session

Mr. M. Veerappa Moily, Minister for Law and Justice, Government of India, New Delhi, delivered the valedictory address. Dr. N.K. Thingalaya, Chairman, Academic Council of the Institute was the guest of honour. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust, presided over the valedictory session.



### Graduation Ceremony

The Graduation Ceremony of the XI batch of MBA was held on 31st May, 2010. Mr.Susir Kumar, MD and CEO of Intelenet Global Service Ltd, Mumbai, was the chief guest and he delivered the graduation address. Dr.N.K. Thingalaya, Chairman of the Academic Council of the Institute, presided over the function. Mr. Sudarshan has emerged as the topper and bagged the gold medal.

### Documentary on Micro Credit



A documentary entitled “Buying Confidence on Credit” produced jointly by the Institute and York University, Canada, was released on 26th December, 2009. Mr. M Narendra, the Executive Director, Bank of India, Mumbai, released the documentary. The documentary captures the views of personalities like Dr. C Rangarajan, Chairman, Prime Minister’s Economic Advisory Council, Dr. D. Veerendra Heggade. President, SKDRDP and Dr. N.K Thingalaya, Economist, on the role of Self Help Groups in bringing about socio-economic changes in the rural areas. The impact made by the Self Help Groups, including those promoted by SKDRDP and Stree Shakthi on empowering women in some of the selected village in Dakshina Kannada is documented in it.

### Synergy 2010



Sr’jana, the cultural association of the Institute organized “Synergy 2010” with the theme “Go Green” on 16th February, 2010. Dr. M. S .Moodithaya, Director planted a sapling to mark the inauguration of Synergy 2010. Dr N. K. Thingalaya and Dr.N.S.Shetty were the Guests of Honour.

### Executive Development Program

An executive development program on the theme “Entrepreneurial Development and Resource Management: A Three Dimensional Approach” was conducted by Dr. Sudhir Raj K and Mr. N. Jayaram Shetty, Faculty of the Institute on 25th February, 2010. 33 executives participated in the EDP.

### A Workshop on Economic Survey 2010



Under the joint auspices of the Corporation Bank and the Institute, a workshop on the “Indian Economy and the Economic Survey 2010” was organized on 14th April, 2010, in the auditorium of the Corporation Bank. Dr. Kausik Basu, Chief Economic Advisor to the Union Ministry for Finance, New Delhi, was the main resource person. Dr. H.A.C. Prasad, Senior Economic Advisor, Ministry of Finance, Govt. of India presented the expected benefits of Special Economic Zones including MSEZ. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust, inaugurated the workshop.

### Visit of JKSHIM Research Team to Uganda



The Makerere University Business School of Uganda has invited a team of experts of micro finance from the Institute to visit Kampala from 15th to 21st June, 2010. The team comprised Dr.M.S.Moodithaya, Dr.N.K.Thingalaya, Dr.N.S.Shetty, Dr.Sudhir Raj K. During the visit, the team participated in a leadership conference in financial inclusion and interacted with the officials of micro finance institutions of Uganda and efforts were made in the direction of a collaborative research on Financial Inclusion in the African and Asian Continents. The Makerere University Business School of Uganda signed an MoU with the Institute. This opens the door for development of future programs involving faculty members, students and research scholars from both the Institutions.

### Panel Discussion on Union-Budget

A panel discussion on the Union Budget 2010-11 was held on 1st March, 2010.



### Research Book Released

Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust released a book titled “ Better Business Practices for Sustainable Social Change” It is a compendium of papers presented at an international conference organized by the Institute in 2008.

## Symposium



A symposium on the theme of Global Business Prospects of Indo- Japanese Co-operations was organized on 1st March, 2010. at the Institute. The speakers include Dr. Yashvantha Dongre, University of Mysore, Dr.Kamiko Akio and Dr. Oda Hisaya, Ritsumeikan University, Japan. Dr N K Thingalaya, Chairman of the Academic Council of the Institute was the guest of honour.



A symposium on the theme “Globalisation of Higher Education and Challenges” was organized on 3rd March, 2010. at the Institute. Mr. N. V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust inaugurated the symposium. The visiting team members of the Penn State University Dr. Omid Ansary, Dr. Jerry Shoup, Dr. Shashi Marikunte, and Dr. Stephen P. Schappe participated in the deliberations of the meet. Dr. M.S. Moodithaya, Director of the Institute, contextualized the theme of the symposium. Dr. N.K. Thingalaya, Chairman of the Academic Council of the Institute, was the guest of honour.

## Alumni Meet

The Annual Alumni Meet of the Institute was held at Hotel Ramanashree, Bangalore, on 8th May, 2010. The new office bearers comprises of Mr.Badarinarayan (President) Mr. Sajan Murali (Secretary) Mr. Adarsh and Mrs. Meenakshi Singh (Vice Presidents), Mr. Sudhir M (Treasurer).

## B-School Rating

The prestigious ICMR 4 Ps B and M B-School Survey, 2010. has ranked the Institute at the 45th position in its final ranking analysis held in June 2010. The survey short listed 529 Institutes out of the nearly 2000 plus B-School in the Country.

## Workshop on Human Development Report



A Workshop on the Human Development Report of Udupi District was held at the Institute on 7th April, 2010. Mrs. Hemalatha P. Deputy Commissioner, Udupi District, released the Human Development Report of the Udupi District on the same occasion.

## Expert Lectures

- The Bancore Association of the Institute organised an expert lecture on the topic “Recent Trends in Capital Market in India” by Dr. R.H Patil, Chairman, Clearing Corporation of India and former Managing Director of National Stock Exchange, Mumbai, on 9th January, 2010.

- Mr. I P Sudhir Kumar, Senior Manager, I T, SIBM, Manipal, delivered a lecture on “IT Enabled Banking Services” on 10th January, 2009.

- Dr. M. Govinda Rao, Director, the National Institute of Public Finance and Policy, New Delhi, delivered an expert lecture on the topic “Managing Indian Economy: The Road Ahead” on 20th January, 2010.

Mr. Prabhakar Rao, Director - Works MCF Limited, Mangalore, released the 6th Issue of the Nitte Management Review on 22nd January, 2010.

## Students Achievements

The students of the Institute won the Overall Championships in the Management Fests conducted by Manipal Institute of Management, Manipal, and SDM College of Business Management, Mangalore

### Staff Achievements / Publications/ Participation in Seminars etc.

#### Dr.G.V.Joshi, Professor

- Was the chief guest at the Workshop on Carrying Capacity in Uttara Kannada District organized by the Western Ghat Task Force, Government of Karnataka at Sirsi, Uttara Kannada, on 28th December, 2009
- Delivered a special lecture on “Growth Story of the Indian Economy” at the National Seminar on the Sectoral Imbalances in India organized by Sri Bhuvanendra, College Karkala on 11th January, 2010.
- Delivered a special lecture on Behavioral Economics in the P.G. Dept of Economics, St.Aloysius College (Autonomous), Mangalore, on 17th February, 2010.

#### Dr.Sudhir Raj K, Professor

- Delivered a lecture on “Super Motivation: What is there in it for a Leader?” held at Besant Institute of Management Studies, Mangalore, on 29th January, 2010. The Business Line Club of the Institute organized this expert talk.
- Presented a research paper titled “Lesson from Recession: Good Governance for Revival and Resurgence” at the National Conference held at the Institute on 29-30, January, 2010
- Delivered a lecture on “Building a Corporation of the Future” at the Department of MBA, NITK, Surathkal, on 5th February, 2010.
- Conducted a one day training program on Leadership Skills for Improving Effectiveness to the managers of RRB’S organized by the Regional Training College, NABARD, on 29th June, 2010.

#### Dr. Paul G. Aquinas, Professor

- Presented a paper “Achieving Strategic Advantages in Merger and Acquisition through HR” in Nirma International Conference on Management (NICOH 2010) held in 7th to 9th January, 2010. in Gandhinager
- Presented a paper “Meeting Corporate Challenges Through Talent Management” at the National Conference held in the Institute on 29th & 30th January, 2010.
- Authored books ‘Organization Behaviour-Concepts Realities and Challenges and Organization Structure, Design, Concepts and Applications’. These books are recommended and used by the University of North Virginia, U.S.A.

#### Mr. Radhakrishna Sharma, Associate Professor

- Conducted a two-day workshop on “Financial Markets and Products” at Manipal Institute of Management, Manipal, for the faculty and students on 8th and 13th January, 2010.
- Conducted a UGC sponsored one-day program on “

Fundamentals of Options Market and Trading Strategies” in the Department of Statistics, Mangalore University, on 24th Jan., 2010.

- Gave a talk on the “ Changing Profile of Life Insurance Business in India” to the Agents of Life Insurance Corporation of India.
- Delivered a lecture on the topic “ Financial Derivatives” at Sri Bhuvanendra College, Karkala, in the Department of Management on 10th February, 2010.
- Conducted a one day program on “Financial Literacy” for the M.Com students of Alva’s College, Moodabidri, on 14th March, 2010.
- Conducted a one day program on “Commodity Markets” at Government First Grade College, Barkur, on 15th March, 2010.
- Conducted an Investors’ Awareness Program on “Commodity Markets and Trading Strategies” organized by the Mangalore Chapter of Cost and Works Accountant of India on 24th March, 2010.
- Conducted a one day UGC sponsored program on “Financial Derivatives” at Government First Grade College, Belthangady on 23rd April, 2010.

#### Mr.N. Jayarama Shetty, Associate Professor

- Presented a talk on “Mind Management and Creativity” to ITI Principals and Faculty at the Seminar organised by Mulki Ramakrishna Punja Industrial Training Institute at Nitte on 22nd January, 2010.
- Presented a paper on “ Economic Meltdown: Causes, Curse, Consequences: Lessons and Strategies at the International Conference, International Business at Albertian Institute of Management, Kochin on 3rd February, 2010.
- Delivered a talk on ‘Stress Management for Better Performance’ at Syndicate Institute of Bank Management, Manipal on 4th March, 2010..

#### Mr. Ravilochana Rao, Assistant Professor

Presented a paper on “RFID Systems in Retailing” at the International Conference held at R.V Institute of Management, Bangalore in December 2009.

#### Mr. Sudhir M., Assistant Professor

- Conducted a training program for managers and assistant managers of Vijay Bank on the topic “Marketing of Financial Products” on 5th February, 2010.
- Conducted a training program for the students of Vijaya College, Mulki, on Public Speaking and Group Discussion on 19th February, 2010.

## New Campus of Sarosh Institute of Hotel Administration inaugurated



Mr. Oscar Fernandes, MP, Rajya Sabha inaugurated the new campus of Sarosh Institute of Hotel Administration at Padil, Mangalore on 8th February, 2010. Speaking on the occasion he said “hardly 2 percent of the population is technically trained. If we train more youth in vocational capabilities, the country’s unemployment can be reduced to a great extent. The existing infrastructure of schools and colleges in the country can be used for vocational training courses, while the infrastructure of engineering colleges could be used for Polytechnic and ITI courses. “I understand that the boys and girls of this institution are well trained to meet the international standard of hospitality industry. Get ready to conquer the world,” he observed. He lauded the contribution of Nitte Education Trust in various fields of education and vocational training programs.”

Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust, wished the students a great future and success in their endeavour. He asked the students to take the best advantage of facilities in the campus and excel in their studies.

Ms. Mathrani Mathias, Principal of the Institute gave a



brief account of the institution since its inception in 1992. The college was started at the premises of Hotel Pentagon. The new campus is developed in a sprawling 6 acre plot with modern facilities and the college building has a working space of 65000 sq. ft. An open play ground and beautifully created landscape adds charm to the campus.

Dr. Shantharam Shetty, Vice Chancellor, Nitte University and Mr. B.R. Hegde, Trustee, Nitte Education Trust were the guests of honour.

## Rendezvous and Alchemy 2010

An intercollegiate PUC and Degree level cultural and culinary competition was held on the 6th and 7th September, 2010 colleges from Karnataka and outside Karnataka participated in the event. Prof. Rajshekar M., Registrar, Nitte Education Trust inaugurated the function and Prof. C.S. Shastry, Principal, NGSIM Institute of Pharmaceutical Science was the chief guest for the valedictory function.

## Pentakids

A food festival for children was organized on the 18th December, 2010. This event was organized with the festival of Christmas in mind, it consisted of games and the children were given goodies and were treated to a wide array of snacks and food.

## National seminar

A National level seminar was conducted on “Gastronomy... Nutritional Aspects and Its Scope In The Hospitality Industry” on 8th September, 2010. Various colleges of Hotel management, Home science and Nutrition participated. The various resource persons who conducted their sessions were Dr. Nirmala B. Yenagi, Mr. Raj Shekhar, Executive Chef, The Gateway Hotel, Dr. Bharathi V. Chimmad, Professor, Dept. of Food Sc. & Nutrition, UAS, Dharwad, Mr. P. Valsaraj, Associate Professor, WGSMA, Manipal.

## Football (Theme Dinner)

The 5th Semester students of BHM organized a theme dinner “football” based on the recently held football world cup held in South Africa on the 8th October, 2010 at the college premises.



## Graduation Day Ceremony

The Graduation ceremony of the 14th batch of B.Sc(N) and 5th batch M.Sc(N) was held on 18th Feb., 2010 at the KSHEMA auditorium. Dr. Sr. Alphonsa Ancheril, Vice Principal, PG co-ordinator, Athena College of Nursing, was the chief guest for the function. Dr. Arunachalam Kumar, Dean, KS Hegde Medical Academy, was the guest of honour. Dr. (Sr.) Alphonsa Ancheril conferred the certificates and awards to the graduates.



## World Health Day celebration



As a part of World Health Day celebration, the Scientific committee conducted an Inter collegiate competition "SPIRAE 2010" in the college on 23rd and 24th April, 2010. Various competitions like Model competition, Poster presentation, Quiz and Debate were organized. Colleges like Laxmi college, Unity College, K.Pandeyarajah Ballal College & NUINS bagged prizes in various events.

Scientific Committee Members Celebrated World Health Day by organizing Walkathon, Street Play & Health Education on 9th April 2010. The Department of OBG and their team of IV Year B.Sc. students, and Department of Medical Surgical Nursing and their second year M.Sc. students took active part in organizing these events.

## Regional Workshop

The Department of Community Health Nursing organized a Regional workshop on "Quality Assurance In Community health Nursing" in the seminar hall, KSHEMA hospital, Deralakatte on date 20th October, 2010. The programme was presided over by Prof.(Mrs.) Leena K.C., Head, Dept. of Community Health Nursing, Father Muller College of Nursing. Mrs. Sarita Fernandes organizing secretary and HoD of Community Health Nursing delivered the keynote address. The Topics dealt in the session were 'Community Health Nursing standards and competencies' by Prof. (Mrs.) Leena K.C.; 'Models of quality assurance and quality improvement' by Prof. (Mrs.) Mariette, Vice Principal Father Muller College of Nursing; 'Nursing Audit in Community Health Nursing' by Prof. (Mrs.) Jenifer HoD Community Department, Laxmi Memorial College of Nursing and Role of Nurse in Community Health Nursing by Prof. (Mrs.) Jecintha Veigas , Principal Zuleka College of Nursing. 80 delegates from various institutions participated in the workshop.

## Alumni meet

An alumni meet was held on 17th Feb., 2010 at the K S Hegde Hospital seminar hall. Dr. Rajshekar M., Registrar, Nitte Education Trust was the guest of honor. Principal, Prof. (Mrs.) Meera K Pillai, presided over the function.

## World Heart Day 2010

The department of Medical Surgical Nursing along with II year M.Sc. and III year B.Sc. students celebrated world Heart Day at Natekal PHC on 25th September, 2010. Mrs. Latha S. Lecturer, delivered the keynote address on the theme "workplace wellness, take responsibility for your own heart health". A health play was conducted on the theme. Posters were exhibited on "Lifestyle modifications for a healthy heart"

## Symposium

The department of OBG nursing conducted a symposium on "Selected obstetric emergencies" on 9th October, 2010. The symposium was inaugurated by Dr. Supriya Rai, Professor, Dept. of OBG, KS Hegde Medical Academy. The session on obstetric shock was dealt by Dr. Supriya Rai. Deliberations on other emergencies were by Dr. Neetha Nandan, Asst. Prof. KS Hegde Medical Academy. Symposium was attended by Staff nurses, PG and UG students.

## Fresher's Day

Fresher's Day 2010 was held on October 15, 2010 at KS Hegde auditorium. Lt.Col. Suresh, Asst. Director (Student Welfare) was the chief guest for the function. Prof.(Mrs.) Meera K. Pillai, Principal addressed the gathering and formally inaugurated the function along with Lt.Col.(Mrs.) Sarada, Principal SON, and Mrs. Shiney Paul SNA Advisor.

## Education on HIV/AIDS

The II year M.Sc Nursing students conducted an education on "HIV/AIDS in Obstetrics" to the III year GNM students on 10th November, 2010.

## Pink Ribbon Day

The department of OBG Nursing NUINS celebrated the Breast cancer awareness month Pink Ribbon day on 25th October, 2010 in KS Hegde Hospital in the Gynaec ward by conducting a health talk on breast cancer awareness and breast self examination. Around 50 women participated in the health talk. The II year M.Sc. students explained about the importance of Breast care and Breast Cancer. Preventive Aspect were dealt by III year B.Sc. students.

## CNE

The II year M.Sc. students of department of medical surgical nursing organized a CNE on "Selected Cardiac Emergencies" on 20th October, 2010. The topics dealt in the session were congestive heart failure, cardiogenic shock, cardiac tamponade, cardiac arrest and pulmonary edema. 23 students from I year P.B.B.Sc(N) participated in CNE.

## Regional Workshop

A one day regional workshop on "Hands on experience in critical competencies in nursing" was organized by the Medical Surgical Nursing Department along with II year M.Sc. students on 12th October, 2010. The Chief Guest Dr. Raveendra U.S., Prof. & HoD of Anaesthesiology, KS Hegde Medical Academy delivered the keynote address. The resource person Dr. Sumalatha Shetty Asso. Professor, Dr. Gayathri Bhat Professor, Dr. Balakrishna Asst. Professor, Dr. Harshavardhana, Asst. Professor all from the Dept. of Anaesthesiology, KS Hegde Medical Academy, enriched the participants with various aspects of critical care. Practical session with three workstations was arranged in the afternoon.



## KALA – Vaibhav

The cultural fest Kala Vaibhav for the year 2010-2011 was celebrated by the cultural committee members on 28th, 29th and 30th October, 2010. Various events were held and all the students actively participated. Fourth year B.Sc. students secured the overall championship 'Kalaprathibha' was awarded to Jais James, I year B.Sc. and Kalathilakam to Blessy Abraham of IV year B.Sc.



## Institution Day

Institutional Day was celebrated in the college premises on 31st March, 2010. Dr. M.S. Moodithaya, Director, Justice K.S.Hegde Institute of Management, Nitte was the Chief Guest for the function. Annual college report for the year 2009 – 10 was read out by Prof. (Mrs.) Meera.K.Pillai Principal. It was followed by prize distribution and cultural events.

Training programme on Advanced cardiac life support  
Department of Medical surgical Nursing organized a training programme on Advanced cardiac life support for assistant lecturers on 20th Jan., 2010. Dr.Raveendra Prof. & HoD Anesthesiology delivered the keynote address. Dr. Harshavardan, Dr. Balakrishna, Dr. Rajendra, Asst. Professors, Department of Anaesthesiology explained the various aspects of advanced cardiac life support.

The OBG Nursing Department along with the I Year M.Sc. students of OBG Nursing speciality conducted a Reproductive and Sexual Health awareness day, as a part of the extension activity, on 23rd Feb, 2010 at the Kanachur Public School, Deralakatte.

The Department of Community Health Nursing along with II year B.Sc students conducted a screening programme for detecting patients with high blood sugar in Assaigoli village, Konaje on 28th Jan., 2010. This was followed by a mass health education programme on Diabetes Mellitus.

The Department of Community Health Nursing along with II year B.Sc.students conducted a mass health education programme on Environmental Sanitation on 10th March, 2010 in Asaigoli Village, Konaje. The students conducted a role play, tableau and a chart exhibition.

The Women's Cell in collaboration with the OBG Nursing Department celebrated International Women's Day on 10th and 11th March, 2010. The II year M.Sc. students of OBG Nursing speciality spoke on family planning and menstrual disorders and Mrs. Srilatha, Sr. Lecturer, Sociology Department, Nitte Institute of Physiotherapy delivered a talk to the women of the Sri Shakthi organisation at Urumane Anganawadi on Equal rights, Equal opportunities, Progress for all.

The Department of Medical Surgical Nursing along with the I Year M.Sc. specialty students organized a CNE on Medical Surgical Emergencies in Nursing for the Diploma interns on 26th Feb., 2010.

## School Mental Health Programme

The Department of Mental Health Nursing organized an extension activity on 15th Jan, 2010 on pubertal changes and life skills for students of Dr. NSAM English Medium High School, Nitte. A chart exhibition was organized on the same topic at the school premises. The M.Sc. students of Psychiatry Nursing speciality performed a role play on pubertal changes.

## CNE on Disaster Management

The Department of Community Health nursing organized a Continuing Nursing Education Programme on Disaster Management on 19th Jan., 2010 for the nursing staff of KS Hegde Hospital, Assistant Lecturers of College of Nursing and M.Sc. students. The resource person for the session, Mr. Sanjeev, Project Officer, UNDP, DK spoke on the various aspects of Disaster management.

## Inservice Education

The Department of Paediatric Nursing conducted an inservice education programme on child abuse, for diploma interns on 9th Feb., 2010.

## Exhibition

The Department of Paediatric Nursing along with III year B.Sc students organised an exhibition on paediatric nursing procedures on 10th Feb., 2010.

## Mass health education programme

A mass health education programme on Environmental hygiene and Global warming was conducted by the III year GNM students on 19th Jan., 2010 at the Konaje Anganwadi premises.

## Children's Day

The Department of Child Health Nursing celebrated Childrens Day on 13th Nov. 2010 at Mangalore. Role play on infection prevention, puppet show was presented to the children of that centre.

## Workshop on Issues in Pediatric HIV

The Child Health Nursing Department along with II year M.Sc. students organized a Regional workshop on "Issues in Pediatric HIV" on 21st Oct., 2010 at KS Hegde Hospital Seminar Hall. The Workshop was Inaugurated by Prof. (Mrs.) Nirmala Roberts, HoD Child Health Nursing. Dr. Vijaya Shenoy, Head, Department of Paediatrics, KS Hegde Medical Academy, Mrs. Laviga Lecturer, NUINS, Dr. Erna Judith, HoD Child Health Nursing, Manipal College of Nursing Manipal and Dr. Anice George, Dean, Manipal College of Nursing, Manipal were the resource persons

## World Diabetic Day

The II year M.Sc. and II year B.Sc. students celebrated world diabetic day at Natekal PHC on 15th Nov., 2010. Mrs. Sushma, Lecturer, Department of Medical Surgical Nursing delivered the keynote address on control of diabetic mellitus. Health education programme and the role play was conducted by II year B.Sc. students and a screening programme was conducted for general public by Department of Medical Surgical Nursing in collaboration with Department of General Medicine K.S. Hegde Medical Academy.

## COPD Day

II year B.Sc. students of Medical Surgical Nursing celebrated COPD day on 19th November, 2010 at Deralakatte. The theme of COPD day was "Health Hazards of Air Pollution. A street play was enacted by II year B.Sc. students on the causes and health hazards of air pollution. Charts were exhibited on the theme.

## Innovative Teaching

- As an innovative teaching method a Paediatric Exhibition on Growth and Development, Congenital Heart Disease, NICU, Play in children, Drugs & Instruments in Paediatrics was organized on 18th November, 2010 by III B.Sc.B Batch students.
- A Panel Discussion on National Health Programs for children was held on 10th Dec., 2010 by the Faculty of Child Health Nursing Department to the P.B.B.Sc Nursing students.

## School health programme

- As a part of rural community health posting students of IV year B.Sc. conducted school health programme on First Aid on 2nd December, 2010 at Modern Government Higher Primary School, Nitte.
- The School Health Programme on "Reproductive Health" was conducted by I M.Sc. students of OBG Nursing on 7th December, 2010 at Yenepoya School for the 6th to 9th Std. girl students.

## CNE on New born babies

The Department of Paediatric Nursing conducted a CNE programme on Care of high risk newborn babies on 27th Feb., 2010 at the K S Hegde Hospital seminar hall. Dr.Vani Patil, Assistant Professor, Dept. of Paediatrics, KSHEMA spoke on Care of newborn with hypothermia, Dr. Sudharsan Shetty, Assistant Professor, Dept. of Paediatrics, KSHEMA spoke on care of newborn with hypoglycemia and Ms. Asha Mathew, Lecturer, Dept. of Paediatric Nursing, NUINS spoke on nursing care of high risk newborn.

## State Level Workshop 'Updates on Psychiatric Emergencies'



The State level workshop on "Updates on Psychiatric emergencies" was organized by Mental Health Nursing Department of Nitte Usha Institute of Nursing Sciences on 10th and 11th November, 2010 at K.S.Hegde Hospital. Dr. B. Sathish Bhandary, Vice Dean, K.S. Hegde Medical Academy was the chief guest and Dr. Sathish Rao, Professor & HoD of Psychiatry, KS Hegde Medical Academy gave the key note address. Around 100 delegates participated in workshop. Prof. (Mrs.) Meera K Pillai, Principal spoke on Trends, Scope and Preparedness of Health Care Personnel to Meet Psychiatric Emergencies and Mrs. Nalini M Asst. Professor NUINS spoke on Psychiatric Care in Post Disaster Phase. Other resource persons were Dr. Sathish Rao, HoD of Psychiatry, KS Hegde Medical Academy, Dr.Srinivas Bhat Asso. Prof., KS Hegde Medical Academy, Dr. Srinivas Kosghi Asst. Prof., KS Hegde Medical Academy and Dr. Christopher Sudhakar Dean, Manipal College of Nursing, Mangalore.

## Nutritional Programmes

As a part of community health posting, students conducted nutritional program on balanced diet of adolescent girls on 19th Nov., 2010. Students prepared about 20 items and all were delicious. The main objective of program was to improve nutrition level in community and to develop supplementary feeding programmes. Around 50 people participated from community.

## Mass Health Education

As a part of rural community posting, students of IV year B.Sc. health education on substance abuse on 25th Nov., 2010 at Nitte. More than 250 people present. The students gave health education through role play and chart explanation. Even community people actively participated in the programme.

## AIDS Day Programme

Part of community health nursing posting, students of IV year B.Sc. conducted AIDS day program in Nitte. Students enacted a Role play and educated about prevention of HIV.

## Inservice

I year M.Sc. students of Child Health Nursing Department conducted an Inservice Education on Thermoregulation and Kangaroo Mother Care to the Nursing Staff, KS Hegde Hospital on 6th December, 2010. As a part of community health nursing posting, students of IV year B. Sc. conducted In-service education to the School Teachers on 'School health services' at Modern Government Higher Secondary School on 3rd Dec. 2010.

## Health Education

The department of OBG with Iyear M.Sc. students conducted a Mass Health Education on "Breast Feeding" on October 15, 2010 in the postnatal ward at KS Hegde Hospital. About 30 postnatal mothers as well as their relatives were present for the session. The group members were very eager to know about the various positions of Breast Feeding and about the burping techniques. Delegates actively participated and cleared their doubts.



## Seminar

The Department of community health nursing along with II M. Sc. students organized a Seminar on 1st Dec. 2010 on the topic world AIDS day theme 2010- "Universal access and Human Rights" followed by quiz competition. Students of I and II year M. Sc. had taken the classes. 85 students from GNM and B.Sc. along with the faculty attended the programme.



## Lamp Lighting

The lamp lighting ceremony of the II Batch of B.Sc. students of Nitte University and 19th Batch of diploma students was held on 23rd November 2010 at KS Hegde Auditorium. Dr. Samuel George, Principal, Yenepoya College of Nursing, Yenepoya University was the chief guest and Guest of Honour was Senior Nursing Superintendent Lt. Col. (Mrs.) Shantha Kumari.

## International Nurses Day



The Department of PPN and School of Nursing celebrated International Nurses day on 11th & 12th May, 2010 at K S Hegde Hospital. It was inaugurated by the chief guest Dr. Sathish Bhandary Vice Dean, KS Hegde Medical Academy. A Symposium on the theme “Delivering quality, serving communities: Nurses leading to chronic care ” was organized for the staff Nurses of the Hospital on 11th May. The resource persons for the session were Mrs. Mariette D’silva Vice Principal Fr. Muller CON and Mrs. Jacintha Veigas Vice Principal Sahyadri CON. On 12th May, 2010 a Poster presentation was conducted by School of Nursing on the theme ‘Chronic Diseases and its prevention’ at the OPD of the hospital.

## Seminar on Cardiothoracic Nursing

The Department of Medical Surgical Nursing organized a seminar on “Recent trends in cardiothoracic Nursing for I year and II year M.Sc. and II year B.Sc. students on 23rd November, 2010 at KS Hegde hospital Seminar Hall. Dr. Subramanyam, HoD of Cardiology was the resource person. The topic dealt in the seminar were cardiovascular assessment, recent trend in cardiothoracic surgery, robotic surgeries, Vascular surgeries and the diagnostic measures used. 150 students from M.Sc and B.Sc participated in the seminar.

## CNE programs

The Department of OBG with II Yr. M.Sc. students organized a CNE on Infertility: not an end, it’s a challenge, on 22nd March, 2010 at KS Hegde Hospital. The resource persons Dr. Jyothi Rao Asst. Professor and Dr. Hema Mallya Asst. Professor, Dept of OBG, KS Hegde Medical Academy spoke on Infertility and its management.

The Department of OBG along with II year M.Sc. students (OBG Speciality) conducted an Inservice education program on Feto maternal monitoring during labour in the OBG lab to the Staff nurses of KS Hegde Hospital on 17th March, 2010. About 10 Staff Nurses attended the session.

The department of maternal and child health nursing along with I Year M.Sc. students conducted an Inservice education programme for the staff nurses on Technological break through in combating fibromas – paving beam to womanhood on 31st March, 2010.

The Dept of OBG (Nursing) along with II year MSc. students organized CNE on “Newer Modalities in screening high risk pregnancy” on 27th Aug., 2010 in KS hegde Hospital. Dr. Hema Mallya Asst. Prof. OBG Dept. KS Hegde Medical Academy was the resource person for the session.

## Annual Sports Meet

The annual sports meet ‘Sportif Jour 2010-11’ was held on 26th November, 2010. Mr. Raymond D’souza, Former Mr. World and International body builder was the chief guest for the function. The overall championship was bagged by III year B.Sc. The men’s individual championship was bagged by Mr. Paulson Thomas of III year B.Sc. and women’s individual championship was bagged by Princia D’souza of I year B.Sc. Various sports events were conducted for teaching and non teaching faculty also.

## NSS Activities

NSS special camp was organized at Sri Vidhya Bhodini Aided Higher Primary School, Kedinje, Nitte village from 13th to 19th May, 2010. The camp was inaugurated by Mr. Sheshagiri Kamath, Trustee, Sri Vidhya Bhodhini Higher Primary School. Highlight of the camp was “Shramadhan” and health awareness program on life style disorders .

As a part of NSS activity a seminar on ‘Rain Water Harvesting’ was organized at KS Hegde Hospital on 13th April, 2010. The resource person for the session Mr. Ivan Monteiro, Project Coordinator Rain Water Harvesting , Lourdes Institutions, Mangalore spoke on the theme.

The NSS unit organized a seminar on ‘Communal Harmony’ on 21st October, 2010 at St. Sebastian Composite P.U. College at Ullal. As a part of the programme, the NSS volunteers conveyed the message on Importance of existence of human being as a biopsychosocial being with harmony and peace. The resource person were from the Dept. of Anaesthesiology, KS Hegde Medical Academy

The NSS unit conducted a seminar on ‘Plastic Disposal’ on 3rd November, 2010 at Anandashrama High School, Ullal. The resource person were from the Dept. of Anaesthesiology, KS Hegde Medical Academy

## Extension Activity

As part of Extension activity, Department of maternal & child health nursing conducted a school Reproductive health education program for the VIII and IX std students of St. Sebastian kannada Medium School, Permannur on 8th April, 2010. Mrs. Maria D'souza II Year M.Sc. student gave a talk on Reproductive and sexual health to the students in two sessions.

## Drug Exhibition

The Department of Mental Health Nursing organized Drug Exhibition on 30th March, 2010 in the college. This was conducted as a participatory learning technique by the III year students.

## School Mental Health Program

P.G Students of Mental Health Nursing Department conducted a School Mental Health Programme on 'Pubertal Changes among Males and Females and Life Skills' at St. Sebastian English Medium School, Permannur on 6th April, 2010.

## Inservice Education Program

The Department of Psychiatric Nursing conducted an In-service education programme on Legal role of nurses and Psychiatric emergencies on 7th April, 2010 for staff nurses and asst. Lecturers. Legal loop holes which nurses can encounter during their practice was the focal point of discussion.

## Continuing Nursing Education

The Department of Mental Health Nursing along with 1st year M.Sc. students conducted a CNE on 'Psychopharmacology' on 8th and 9th April, 2010 in the college.

## Fresher's Day

Fresher's day for I year M.Sc. students of II batch of Nitte University was organized by the II year M.Sc. students on 24th July, 2010 in the college. Various talents were exhibited by the I year M.Sc. students.

## Farewell Program

A Farewell programme 'Zenith' was organized for the 15th Batch of BSc. students on 18th August, 2010. Prof. (Mrs.) Meera K. Pillai, Principal, presided over the function.

## Breast Feeding Week

The Department of Child Health Nursing, along with the M.Sc. students and III year B.Sc. students observed Breast feeding week from 1st to 7th August 2010. The theme for the year was "Just 10 steps! Breast feeding the Baby-friendly way". On this occasion, the information on importance of breastfeeding, preparation in the antenatal period and establishing successful breastfeeding was disseminated to the public through a health talk by the II year M.Sc. students.

## Health Education

A Mass Health Education on Postnatal care was organized by the II year M.Sc. students of OBG speciality on 11th August, 2010 in the OBG ward of KS Hegde Hospital. Mothers actively participated in this session.

## School Health Program

The Dept. of Community Health Nursing along with I and II year M.Sc. students organized a School Health Programme on 25th August, 2010 at Muslim Residential School, Urumane. There were total 98 students along with Medical office Natekal PHC, and a health education on "Good Health Practices" with help of slide show was shown to the students.



## International Drug Abuse Day

The Department of Mental Health Nursing along with I and II year M.Sc. of mental health nursing speciality celebrated International Drug Abuse Day on 26th June, 10. The sessions were for the 8th & 9th std students of Kanachur Public School, Deralakatte and PU students of Dr. N.S.A.M. PU College Nanthoor on the theme "Think Health Not Drug". Chart exhibition and Video show were also the part of the programme. The students actively participated and clarified their doubts.



## National Conference

A national conference on 'Nursing for Women's Health and Health for Women' was organized by the OBG Department on 2nd and 3rd Dec. 2010. Dr. R.Vasundhara, Principal NRI College of Nursing, A.P. and Dr.H.V. Sudhakar Nayak, Registrar Nitte University was the guest of honor. Prof. (Mrs.) Meera K Pillai, Principal presided. Various sessions on women's health was dealt by Dr.K.Lalitha Prof. & HoD Mental Health Nursing Department, NIMHANS, Dr. D.K. Shetty, Dr. Hema Mallya, Dr. Adithi Hegde and Dr. R.Vasundhara, Faculty of OBG Department, KS Hegde Medical Academy. Paper and poster presentations were also held on this occasion.

## Staff Achievements / Publications/ Participation in Seminars etc.

**Prof. Fatima D'Silva**, HoD of Medical Surgical Nursing Department presented a paper on Interview Schedule and Questionnaire for qualitative studies on 3rd Feb., 2010 at a workshop on Research Tools and Techniques conducted by Yenepoya University, Mangalore.

**Mrs. Philomena Fernandes**, Asst. Professor, Department of OBG Nursing presented a research paper on "Effectiveness of planned teaching programme on prevention of Carcinoma of cervix for women in a selected rural area at Mangalore" at the National conference organized by the OBG Nursing Department on "Nursing for women's health and Health for women" at KS Hegde Hospital on 3rd December, 2010.

**Mrs. Nalini M.** Asst. Professor presented a scientific paper on "Violence against women" at the International conference on "Women and Mental Health" held from October 28th to 30th 2010 at School of Social work, Roshni Nilaya, Mangalore. The Students of Scientific Committee NUINS participated for Paper Presentation and model competition organized by Laxmi memorial college of nursing on 27th September, 2010 on the occasion of world heart day, Swapna Sukumaran of 2nd year M.Sc. bagged 2nd Prize for the scientific paper presentation on the theme.

**Ms. Renjana Rebecca John**, Lecturer in the Dept. of Maternal & Child Health Nursing bagged the best paper award her scientific paper on Comparative study on the effect of radiant warmer and kangaroo mother care shortly after birth on the neurobehavioral response of the new born at the International conference on challenges in Clinical nursing

research held on 9th and 10th Jan., 2010 at the Government College of Nursing, Medical College, Trivandrum.

**Mrs. Sushma**, Lecturer, Medical Surgical Nursing Department bagged the II place for her scientific paper on Comparison of second and third year B.Sc Nursing students clinical competency in Insulin administration & to determine the factors influencing their clinical competency at a National workshop on Innovation in Nursing education, new vision and venture at the City College of Nursing, Mangalore on 13th and 14th Jan., 2010.

**Mrs. Latha S**, Lecturer, Medical Surgical Nursing Department presented a scientific paper on Demonstration as a teaching strategy at a National workshop on Innovation on Nursing Education, new vision and venture at the City College of nursing, Mangalore on 13th and 14th Jan., 2010.

**Mr. DS Veerabhadra Swamy**, Lecturer, Mental Health Nursing Department presented a paper on Community based rehabilitation at the 8th National conference of Indian Society of Psychiatric Nursing on Community Mental Health Nursing (care & love) organized by the Narayana Group of Institutions held at Nellore, Andhra Pradesh from 6th to 8th March, 2010.

### Publication

**Ms. Jane Latha D'Souza**, Lecturer, Medical Surgical Nursing Department published her abstract Knowledge of nursing personnel on pressure sore risk assessment and its prevention in *Nightingale Nursing Times*, January 2010; 5 (10); 9-11.

## National seminar



A one day national seminar on “Basic concepts of Computer Aided Drug Design and its applications in Pharmacy” was organised on 5th February, 2010, at KS Hegde Hospital. The seminar was sponsored by Nitte University.

Dr. H.V. Sudhaker Nayak, Registrar, Nitte University was the chief guest for the function. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust presided over the function.

The resource persons for the scientific session, Dr. V.M. Kulkarni, Prof. Emeritus, Poona College of Pharmacy, Pune, spoke on the Use of computers in drug design & discovery, Dr. Gautam Shenoy, Professor, Manipal College of Pharmaceutical Sciences, Manipal delivered a talk on Fragment based drug design and Dr. Aravind Badiger, Director, Shri Dhanavantari Pharmaceutical Analysis and Research Centre, Surat spoke on Toxicity prediction.

## Students’ Council



The Student Council for the year 2010 -11 was inaugurated on 22th November 2010. Dr.Arunachalam Kumar, Dean, KS Hegde Medical Academy was the Chief Guest. Student’ council members are: President-Adithya Rao, III Year, Vice President:Piyush Srivastava-III Year, General Secretary: Melanie D’Souza-II Year, Literary Secretaries:Rohan Patel-III Year and Vivek Ghate-III Year, Sports Secretaries: Jeevan Hegde-III Year and Manohar Naik-III Year, Cultural Secretaries: Vishal Patel-III Year, Bansari Patel-II Year and Subhash-II Year.

## Sports Day

Sports Day was held on 26th Nov. 2010 at Mangala Stadium, Mangalore. The sports meet was declared open by Dr.D Satyanarayana (Director, PG Studies & Research). Sports Secretary Jeevan Hegde administered the oath to the participants.



## New Seminar Hall Inauguration

The new Air-conditioned seminar hall of the institute was inaugurated by Dr. B. Rajendra Prasad, Principal & Dean A.B. Shetty Memorial Institute of Dental Sciences, on 7th September, 2010.

## Workshops



• A two day national workshop on "Innovative trends in Pharmaceutical research" was conducted on 28th and 29th July, 2010 at KS Hegde Hospital seminar hall. A total of 150 delegates from different college participated in the workshop. The workshop included software demonstration, poster session, factorial design with practical problems. The following speakers delivered the lectures:

Dr. C.V.S.Subrahmanyam, Principal, Gokaraju Rangaraju College of Pharmacy, Hyderabad. Mr. P.Manoj Kumar, Senior General Manager, Formulation Development R & D, Matrix laboratories Limited, Hyderabad. Mr. Thiyagu R, Faculty, MCOPS, Manipal.

Mr. K.Vijayanarayana, Faculty, MCOPS, Manipal. Dr. C.Mallikarjuna Rao, Vice Principal, MCOPS, Manipal. Mr. Kiran Aithal B, Research Scholar, Manipal Life Sciences Centre, Manipal.



• Two days practical hand on workshop on "Basic techniques in experimental Pharmacology" was held on 7th and 8th September, 2010. The workshop was sponsored by Nitte University and was organized by the Department of Pharmacology. Around 40 delegates participated in the workshop. The resource persons - Dr.Thippeswamy, Prof. & Head Dept. of Pharmacology, Dr. Veeresh Veerapur, Prof. and Head Dept. of Quality Assurance of Siddaganga Institute of Pharmaceutical Sciences, Tumkur Karnataka.

## Blood Donation Camp



The NSS wing of the college in association with Wenlock Dist. Govt. Hospital, Mangalore organized a blood donation camp on 4th June, 2010. The camp was inaugurated by Prof. Rajshekar M., Registrar, Nitte Education Trust. The function was presided over by the Principal Dr. C.S.Shastry. 43 NSS volunteers and 5 staff members donated blood.

## Alumni

NGSMIPS Alumni Association (NIPSAA) arranged a talk by the alumni of NGSMIPS Mr. Arun A. and Mr. Sojan Thomas on 12th August, 2010. Mr. Sojan Thomas is currently working as a Pharmacist at Riteaid Pharmacy, Detroit, Michigan, USA delivered a talk on "Pharmacy Retailing in US-The current scenario". Mr. Arun A is currently working as Senior Product Manager at Kottakkal Arya Vaidya Shala, Kottakkal delivered a talk on "Pharmacy Practice in Alternative system of Medicine"

## 'Vanamahotsava' at NGSMIPS

The college showed its support to environment awareness by planting trees around the college and celebrating 'Vanamahotsava' on 24th September, 2010. The college already boasts of greenery and plentiful vegetation. Smt. Renuka Shetty, President of Kotekar Grama Panchayat was invited to plant the sapling in the presence of Mr. Rajmohan Mudya, Member of the Grama Panchayat and Vice President of Konaje Lions Club.

## Guest Lecture

Mr. Rajesh V, Lecturer, Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, Manipal delivered a guest lecture for the post graduate students and staff members on SOAP analysis. The lecture highlighted about how the medical profession uses a technique called SOAP, which stands for Subjective, Objective, Assessment and Plan regarding the patient therapy.

## Inauguration of Post Graduate Department of Pharmacy Practice



The Post Graduate Department of Pharmacy Practice was inaugurated at the K.S. Hegde Hospital on 4th November, 2010. Dr. M. Shantharam Shetty, Vice Chancellor, Nitte University was the chief guest. The ceremony was presided over by Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust and Dr. Arunachalam Kumar, Dean, K.S. Hegde Medical Academy was the Guest of Honour.

## Release of Book



Mr. Himanshu Joshi, Lecturer, Department of Pharmacology has compiled a book of quotations entitled, 'Footprints to Success'. This book was released by Dr. D. Satyanarayana, (Director, P.G Studies & Research) and Dr.C.S Shastry, Principal on September 25th, 2010 in the presence of faculty members. The author has penned most of the quotations himself, inspired by his own experiences. The book encourages the reader to persist in the path of success and not be discouraged by Life's shortcomings.

## Staff Achievements / Publications/ Participation in Seminars etc.



### Ph.D Awarded

**Mr. Prabhakara Prabhu**, Assistant Professor, Dept. of Pharmaceutics

Awarded Ph.D. in Pharmaceutical Chemistry by Rajiv Gandhi University of Health Sciences, Bangalore. He worked on the thesis entitled, "Investigation of colon specificity of polysaccharides in synthesis of prodrugs and formulations".



**Mrs. Prerana Shetty**, Assistant Professor, Dept. of Pharmaceutical Chemistry, has been awarded Ph.D. in Bio-Sciences by Mangalore University for her thesis entitled, "Pharmacological & toxicological investigations of Saraca Indica Linn".

## Staff Achievements / Publications / Participation in Seminars etc.

### Publications

**Dr. Prabhakara Prabhu**, Assoc. Professor, Dept of Pharmaceutics  
 ● “Development and Evaluation of nano size coated liposomes of methotrexate for targeted delivery” at FIP pharmaceutical sciences world congress 2010 in association with AAPS annual meeting and exposition, 2010, New Orleans, USA.

### Divya Jyothi,

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 “Microballons of Famotidine: A Non -Effervescent Gastroretentive Controlled drug delivery system using Eudragit S-100” - International journal of Pharmaceutical sciences review and research. 5(2),135-144, 2010.

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 “Mucoadhesive films of Losartan Potassium for buccal delivery” - Indian J Pharm Educ Res. 44 (4): 315-323, 2010

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### Staff Achievements / Publications/ Participation in Seminars etc.

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#### Posters

**Dr.Jane Mathew:** "Analytical methods for the estimation of paliperidone in bulk and dosage forms" at 15th APTI Annual National Conversation 2010 held at Shilpakalavedika, Hyderabad.

**Dr. Prerana Shetty:** "Effect of alcoholic extract of Saraca India on estrogenic activity" at the 15th APTI Annual National Conversation 2010 held at Shilpakalavedika Hyderabad.

**Mr.Harish N.M:** "Preparation of Extended Release Matrix Tablets of Atorvastatin Using Interpolymer Complex" at the

10th CRSIC International Symposium held at Mumbai on 17th-18th February 2010.

**Mrs.Marina Koland:** "Mucoadhesive Microspheres of Famotidine for Gastro-retentive Drug delivery" at the International Conference on Drug Delivery conducted by the P.S.G College of Pharmacy, Coimbatore on 29th and 30th January, 2010.

**Dr.D.Prashanth Shetty,** Professor: "Genotoxicity studies of Memecylon umbellatum leaves" at the 15th Dubai International Pharmaceuticals Technologies Conference and exhibition (Duphat) at Dubai, UAE on 15th to 17th March 2010.

**Dr. Prabhakara Prabhu,** Assoc. Professor: "Vesicular formulation of brimonidine tartrate as an ocular drug delivery system" at the 10th CRSIC International Symposium held at Mumbai on 17th-18th February 2010.

### Students Achievements

The following papers were presented at the 2nd International Conference on "Current status and future perspective in pharmaceutical sciences" organized by PES College of Pharmacy, Bangalore on 20th & 21st August, 2010.

**Zenia Maria:** "Investigation of colon specificity of novel polymer khaya gum". (Co-Authors: Dr.Prabhakara Prabhu, Mr.Nissara Ahmed, Mr.Harish N.M, Dr.R. Narayana Charyulu and Dr.D.Satyanarayana.)

**Zalak Patel:** "Formulation & comparative evaluation of mucohesive in-situ gels of antifungal agents" - (Co-Authors: Mr.Harish N.M., Dr.Prabhakara Prabhu, and Dr.R. Narayana Charyulu)

**S.Prashanthi:** "Novel matrix forming materials for sustained drug delivery system using cashew gum". (Co-Authors: Dr.Prabhakara Prabhu, Mr.Harish N.M and Miss.Uchil Deepika)

**Satweek Mehta,** II M. Pharm, Department of Pharmaceutics, Presented a paper entitled "Sustained Release in situ gels of fluconazole: Development, optimization and in vitro- in vivo evaluation" at FIP pharmaceutical sciences world congress 2010 in association with AAPS annual meeting and exposition, 2010, New Orleans, USA.

**Ravi Kumar J,** M.Pharm, Pharmacology Sir Ratan Tata Trust, Mumbai has awarded a scholarship (Covering tuition fees for the academic year 2009 -2010) of Rs.50,000/- under the Trust's scholarship in India programme.



## Graduation day

The 10th Graduation day was held on 14th Jan., 2010. Dr. M. Shantharam Shetty, Vice-Chancellor of Nitte University was the chief guest for the programme. He administered the oath and conferred the certificates to the 38 B.PT graduates and 4 M.PT postgraduates. The guest of honour, was Dr. J.H.Makannavar, Director, Allied Health Sciences, Nitte University.

The Top Scorer Award from the graduating batches of B.PT and M.PT was won by Chani Chowdhary and Shah Tarpan Harishkumar, respectively. Chani Chowdhary also received the Overall Excellence Award while the Best Intern Award from the graduating batch went to Varun Rao.



## Soft Skills Development Program

A soft skill development programme was conducted on 26th Jan., 2010. The resource person, Prof. Vivek Pai K, addressed the gathering on how to face an interview and how to prepare a good resume. The programme was jointly organised by the NIPT and Rotaract Club.

## EMG Demonstration

The Institute in association with Biotech International, New Delhi had organized an EMG Demonstration at the seminar hall on 7th Jan., 2010.

## Annual Sports Day

The annual sports day was held on 2nd Jan., 2010. The sports meet was inaugurated by Dr. Abhilash PV, Senate member of RGUHS and presided over by Prof. Mohamed Faisal CK, Vice-Principal. The overall championship trophy was bagged by the Blue Whales team. The Golden Eagles team were the runners-up.

## Extension program



The Institute conducted an Extension program at Vidyarathna School, Deralakatte on 8th January, 2010. It was organised in association with the Rotaract Club and the Diabetes Club of KSHEMA. The programme included a talk on the prevalence of diabetes and a free diabetes detection camp for the parents of the high school students.

## Women's Day

Women's Day was celebrated on 26th February, 2010. It was organised by the Womens Cell of the college. Mrs. Mamtha Bhandarygave, Student Counselor, Nitte University a talk on "The Women with differences".

## One Day Physiotherapy camp

On 14th February, 2010, the staff and students participated in a one-day Physiotherapy camp at the Milagres Church Hall in association with Milagrese centenary celebrations organised by Lions Club.

## Alumni Reunion

An alumni reunion was organised by NIPTAA on 25th Jan., 2010. Prof. Arokkiyasamy, former Principal of the College and Consultant Physiotherapist in the UK was the chief guest for the programme. He spoke on the Role of Physiotherapist in the UK Health care system.

## Orientation Program

An Orientation Program for the new batch of MPT students was organised on 16th June, 2010 and for BPT students on 15th September 2010. All the new batch of MPT & BPT students and their parents attended the program.

## Extension Programs

- An Extension Program for Diabetes Patients of Mangalore University was organised on 26th Nov., 2010
- An Extension Program Karate Competition was held at Mangalore University on 27th Nov.2010.



The Rotaract club members of the institute have participated in the Pulse Polio Camp.

## Seminar



The Institute in association with Department of OBG, K.S.Hegde Medical Academy have organized a "Seminar on Physiotherapy in Obstetrics & Gynaecology" on 9th October, 2010. The resource person for the program was Dr.Poornima P S , HOD, Dept of OBG Physiotherapy, SDM College of Physiotherapy, Dharwad.

## Fresher's Day & Inauguration of Students Council



Fresher's Day & Inauguration of Students Council was held on 6th October, 2010. The Chief Guest for the program was Dr. Srikrishna Acharya, Asst. Professor. Dept. of Paediatrics, KS Hegde Medical Academy, Mr.N.V.Paulose, Director of Global TV, Mangalore was the guest of honour.

The Council Members for the year 2010-11 are:

Secretary: Akhil Kamath, Sports Secretary: Hardik Anadkat, Cultural Secretary: Sneha Poojary, Literary Secretary: Tisha Shah, Magazine Secretary: Khushboo Shetty, Women's Cell Secretary: Neha Patel.

## National Update on Knee Injuries and Rehabilitation



The College in association with Department of Orthopaedics, K.S.Hegde Medical Academy organized a “National Update on Knee Injuries & Rehabilitation” on 11th December, 2010 at K.S.Hegde Hospital.

Dr. H.V.Sudhaker Nayak, Registrar, Nitte University has inaugurated the function. Dr.Jayaprakash Shetty, Professor & HoD of Orthopaedics, delivered the keynote address. The resource persons for the program were Dr.Lawrence Mathias, Associate Professor, Dr.Vikram Shetty, Assistant Professor and Dr.Siddharth Shetty, Assistant Professor all from Dept.of Orthopaedics, KSHEMA, and Prof. Mohamed Faisal.C.K, Vice Principal, Mr.Dhanesh Kumar.K.U, Associate Professor, Mr.Rohan Mathew, Assistant Professor and Mrs.Preetha Joy, Lecturer all from the college. More than 100 delegates from and out of Karnataka participated in the program.



## Annual Day

The college celebrated its 12th Annual Day on 27th March, 2010. Dr. Syed Akheel Ahmed, Vice Chancellor, Yenepoya University was the chief guest for the program. Mr.Vishal Hegde, Trustee, NET was the guest of honour. The chief guest distributed the certificates to the winners of the Cultural competitions and Sports and games events which held during the year 2009-10. The overall winner team in the Sports and games were Blue Whales and the runners up were Golden Eagles. In the cultural competition the overall winners were Royal Tigers and the runner up were Blue Whales.





The renovated Physiotherapy Clinic in the OPD block was opened by Dr. Sathish Bhandary, Prof. & HoD of ENT and Vice-Dean, KS Hegde Medical Academy on 3rd June, 2010

## Guest Lectures



- A Guest Lecture on Malaria Eradication Program- Current Issues by Dr.Syrulwa L. Somah, Associate Professor, North Carolina, University, USA was organised on 2nd December, 2010
- Library Management – Recent Trends by Dr.M.K.Bhandi, PhD, Chief Librarian, Mangalore University on 2nd December, 2010

## Farewell to Staff

- Farewell to Ms.Sucheta.S, Asst.Professor has been given on 19th of October 2010.she has worked in the institution from 26th September, 2009
- Farewell to Mr.Sathees Kumar,S, Asst.Professor has been given on 30th December, 2010.

## Alumni Achievements

Mr. Ajaz Chiloo of 2000 B.PT batch has been appointed as Chief Physiotherapist for the Kashmir Cricket team.

## Cricket Tournament

An Intra-Nitte University Cricket Tournament on 25th April, 2010 was organised. Lt.Col.Suresh Kumar, Asst.Director, Student Welfare, Nitte University inaugurated the tournament. 5 teams from Nitte University participated and K.S.Hegde Medical Academy Cricket Team won the tournament. Nitte MLT College team were the runners up.

## Staff Achievements / Publications/ Participation in Seminars etc.

**Prof. Mohamed Faisal.C.K**, Professor, was Resource Person for the “Continuing Physiotherapy Education (CPE) on Radiological Diagnosis & Symposium on Physiotherapy its growth & Prominence” organised by the Indian Association of Physiotherapists ( IAP)- Ernakulam Branch, Kerala, India on 11th April, 2010.

**Mr.Dhanesh Kumar**, Associate Professor,

- Presented a Paper on “Core Stabilization Vs Conventional Exercises in Low Back Pain” in the 2nd National Update on Neuro- Physiotherapy Conference organized by KLE University, Belgaum, Karnataka, India on 3rd to 5th December, 2010
- Presented a Paper on “Sports injuries & Preventive Techniques” in the Kerala Sports Federation Conference at Ernakulam in October, 2010

The following papers were presented at the 11th Annual Conference of Sports Medicon-2010, Kolkata on 17th January, 2010

- **Mr. Ajith S**, Asst. Professor, presented a paper on “Relationship between BMI & musculoskeletal injuries in college students during different sports activities”.
- **Mr. Dhanesh Kumar.K.U**, Associate Professor, **Dr. B.B.Putti** and **Dr.Jayaparkash Shetty**: “Effect of Relaxation techniques in Competitive Volleyball Players”.

The following papers were presented at the ‘National Update on Knee Injuries & Rehabilitation’ organized by the college on 11th December, 2010.

- **Prof. Mohamed Faisal.C.K**, Professor: “ACL and Meniscus Injury- Physiotherapy Perspective”.
- **Mr.Dhanesh Kumar**, Associate Professor: “Yoga in Arthritis”.
- **Mr. Rohan Mathew**, Asst. Professor: “Evidence Based Practice in Knee Rehabilitation”.
- **Mrs.Preetha Joy**, Lecturer : “Total Knee Replacement Rehabilitation”

## Staff Achievements / Publications

The following papers were presented at the 48th Annual Conference of the Indian Association of Physiotherapists (IAP) at Mangalore from 22nd to 24th, January, 2010.

- **Prof. Mohamed Faisal.C.K**, Professor: "Heterotrophic ossification in hip joint following spinal cord injury - Limitations of patient and physiotherapy management - A case report".
- **Mr. Ajith S**, Asst. Professor: "Impact of Body Mass Index (BMI) and duration of phase-I cardiac rehabilitation after Coronary Artery Bypass Graft (CABG)"
- **Mr. Rohan Mathew**, Asst. Professor: "Effectiveness of Mental Practice using motor imagery combined with Physical Practice in Post Stroke hemiparesis- A Pilot Study"
- **Bipin Puneeth and Prof. Mohamed Faisal CK**: "Efficacy of active cycle of breathing technique and postural drainage in bronchiectasis - A comparative study".

## Students Achievements

**Hardik Kumar Bhambi**, IV year BPT

- Bagged the Best Six Hitter Award in the YENCON-2010 - Inter Collegiate Cricket Tournament for Physiotherapy & Nursing Colleges organized by Yenepoya University on 26th & 27th January, 2010 at Deralakatte.

**3 posters and following papers presented at the 48th Annual Conference of the Indian Association of Physiotherapists (IAP) held at the T.M.A Pai Convention Centre, Mangalore from 22nd to 24th, January, 2010.**

- **Jiten Kakkad**: Bagged the 1st place for their scientific paper titled "Efficacy of Low Level Laser Therapy and Ischaemic Compression Vs Ultrasound and Ischaemic Compression in the Management of Upper Trapezius Trigger Points - A Comparative Study. (Guide:Prof. Mohamed Faisal.C.K.)
- **Jiten Kakkad** : Presented the scientific poster on "Role of Physiotherapy in the management of Down Syndrome" (Guide:Prof. Mohamed Faisal.C.K.)
- **Bhavin H. Madhavani** presented a paper on "Hand Grip Strength, Back and Chest Strength in relation to Anthropometric measurements among the upper extremity sportspersons - A correlational and comparative study" (Guide:Prof. Mohamed Faisal.C.K.)

**6 posters were presented at the "National Update on Knee Injuries & Rehabilitation" organized by Musculoskeletal & Sports Physiotherapy Department of Nitte Institute of Physiotherapy, Mangalore, Karnataka, India on 11th December, 2010**

- **Michelle Barboza, Akhil Kamath** won First Prize for the Poster on "Knee Taping Techniques". (Guide:Prof. Mohamed Faisal.C.K.)
- **Prachi A Uniyal, Stephy Samuel** won Second Prize for the Poster on "Recent Advances in Meniscal Injury Management". (Guide:Prof. Mohamed Faisal.C.K.)

**Mr.Devansh Langalia** of Third year BPT has won the All Karnataka Open 8 Ball Snooker Championship Tournament held at Mangalore on 29th August, 2010.

**The following papers were presented at the 2nd National Update on Neuro- Physiotherapy Conference organized by KLE University, Belgaum, Karnataka, India on 3rd to 5th December, 2010.**

- **Parin Jivrajani** have presented a scientific Paper on "Functional Outcome of Graded Active Exercise Program following Spinal Surgery in Lumbar IVDP Patients - A Randomised Control Study". (Guide:Prof. Mohamed Faisal.C.K.)
- **Akhil K Kamath**, presented a scientific Paper on "Obesity and Recovery from mechanical Back pain- A pilot study to investigate the effect of Body Mass Index (BMI) on recovery from mechanical back pain" (Guide: Mr. Ajith S)
- **Varun Rao, I MPT** have presented a scientific Paper on "Effectiveness of Ischemic Compression and Myofascial Stretching with Ultrasound therapy Vs Ischemic Compression and Myofascial Stretching alone in the management of upper trapezius trigger points in non specific neck pain- A Comparative Study" (Guide:Prof. Mohamed Faisal.C.K.)

The College Cricket Team won the 3rd place in YENCON-2010, an Inter Collegiate Cricket Tournament for Physiotherapy & Nursing students organized by the Yenepoya University on 26th & 27th, Jan., 2010 at Deralakatte.

The College Cultural Team was selected among the Top 10 cultural teams in the 48th Annual Conference of the Indian Association of Physiotherapists (IAP) held at the T.M.A.Pai Convention Centre, Mangalore from 22th to 24th Jan., 2010.

## 100% Results

The College has secured the 100% passes in the final year BPT examination of RGUHS held during October-2010 and also in MPT Exams held in May-2010

## Orientation Programme



An orientation for the students of 2010-11 batch was organised on 5th December, 2010. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust was the Chief Guest. Prof.T.Dattatreya, Principal presided.

## Cultural Day



Cultural Day was organised on 9th March, 2010 at the KS Hegde Auditorium. The students showcased their talents in Dance, Mimicry, Singing Etc. Silver Samurais group won the Rolling Shield for the Best performance.

## Fresher's Day

"Fresher's Evening", where the students of the 2010-11 batch showed their talents was held on 9th October, 2010

## Onam

Onam festival was celebrated by the students of the College on 23rd August, 2010

## Community Service:

Participated in the Mega Health Camp organised by Lions, Lionness and Leo Clubs of Mangalore and K.S.Hegde Hospital at Milagres Church, Mangalore on 14th Feb., 2010.

## College Shifted to New Premises

The College functioning from 'Padmashree' Nanthoor, Mangalore has been shifted to Medical Sciences Complex, Nitte University Campus, Mangalore w.e.f. 15th Dec., 2010.

## Seminar on Noise Pollution

In collaboration with Department of ENT, K.S.Hegde Medical Academy organised a seminar on Noise Pollution on 19th June, 2010 at K.S. Hegde Hospital. Dr. Srinikethan, Dean (Academic), NITK, Surathkal inaugurated the Seminar. Deafness screening camp was conducted on this occasion.

## Staff Achievements/Participation in Seminars etc.

Prof.T.Dattatreya, Principal, Ms.Ashwini Thunga & Ms. Melissa Monteiro, Lecturers along with students attended the 42nd Annual Conference of the Indian Speech & Hearing Association held at Bangalore from 22 to 24 January, 2010. Prof.T.Dattatreya chaired a poster session of the scientific paper presentations.

Mr. Manjunath Narra and Ms. Sneha M. Varghese, Lecturers attended the "National Symposium on Acoustics" held at Rishikesh from 11th to 13th November, 2010. Both presented scientific papers during the Conference.

## Nitte Institute of Speech and Hearing

The Nitte Institute of Speech and Hearing was established in the year 2006-07 and is affiliated to Mangalore University. It offers the 4½ years Bachelor of Audiology and Speech Language, Pathology (BASLP) course of the University, with an annual intake of 20. The clinical training for the students are at the own KS Hegde Hospital.

## N-IGMA: State level inter-collegiate cultural and literary fest



N-IGMA, the annual State level inter-collegiate cultural and literary fest organized by the Students' Council, was held on 31st March and 1st April, 2010. 15 colleges participated in the competitions. SRNM College, Shimoga bagged the N-IGMA trophy for the best overall performance. PES Institute, Shimoga were the runner-up.



The College Day was held on 15th April, 2010. Dr. P S Yadapadithaya, Registrar (Evaluation), Mangalore University was the chief guest for the function.



Sports Day was conducted on 4th March, 2010 at the college grounds. Prof. (Mrs.) Shalini K. Sharma, Training and Placement Cell, NMAMIT inaugurated the sports meet.

### Students Achievements

**Sumith Suvarna**, III BBM won the 1st place in Roadies, **Abhijith BS**, III BBM, won the 2nd place in Best Manager, **Anjali Hegde**, II BBM secured the 2nd place in Critique Writing, **Adarsh Shetty** and **Lavya Suvarna**, III B.Sc secured the 1st place in Physics Model at the Prajna Fest 2010, a State-level Inter-Collegiate fest conducted by Poorna Prajna College, Udupi on 29th and 30th Jan., 2010.

The students won the runners-up trophy in Vidyaratna-2010, an Inter-Collegiate fest conducted by Vidhyanikethan First Grade College, Kaup on 3rd and 4th Feb., 2010.

**Abhijith KJ** of III B.Sc secured the 1st place in Best Personality, **Veena Mathias** and **Roshan Victor** of III B.Sc won the 2nd place in Digits of Mayhem and **Akshatha** of II B.Sc secured the 2nd place in NFS Most Wanted at IMPRINTS, a State-level Science fest organized by St. Aloysius College, Mangalore on 3rd and 4th Feb., 2010.

The College team won the Overall Championship trophy in SRUJANA 2010, an Inter-Collegiate fest conducted by Canara College, Mangalore on 25th Feb., 2010.

The students bagged the 1st place in the variety show on Indian Culture and Mythology conducted by St. Agnes College, Mangalore on 6th March, 2010.

The students were runners-up in INSPIRE-2010, a State-level Inter-Collegiate fest conducted by Mangalore Institute of Technology and Engineering (MITE) on 19th March, 2010.

## Environment Day

International Environment Day was celebrated on 5th June, 2010 by More Nature Association in co-ordination with BBMP. The programme was inaugurated by Mrs Nandhini Sreenivas (Corporator, Vidyananyapura).

## Fresher's Day

The senior students organized Fresher's Day for the first year Commerce & Management students on 11th August, 2010.

## Teachers Day

Teachers Day celebration was held on 6th September, 2010.

## Ethnic day

Ethnic day celebration was conducted on 4th September, 2010. Manish Kumar Tripathi of II year B.Com. & Manjula of II Year BBM were adjudged Mr Ethnic & Mrs Ethnic for the academic year 2010-11.



More Nature Association organized 'Jagruthi 2010' an awareness programme on Global Warming from 17th to 19th Sept., 2010 at Mandya, Kushalnagar and Madikere. 54 students from the college participated in the Awareness Programme which included street plays, Badge campaign & interactions. This was followed by an Adventure Camp which included River Crossing & Trekking through the drive forest.

## Staff development Programme

Mr Siddaramanna (Office Superintendent), Mr Shankarappa B (Computer Operator) & Ms Arathi B Shetty (Accounts Asst) attended a seminar on "Management of Computers" on 18th Sept., 2010 at Nitte Education Trust, Mangalore, as a part of Staff development Programme, conducted by the Staff Development College, Nitte University.

## Other Activities

48 students of Commerce & Management were trained in Fire Fighting Techniques at Bannerghatta Road Fire Station on 24th July, 2010 organized by More Nature Association.

10 students of Commerce & Management participated in 2 day Trekking to Thirumala Hill organized by NYK, Vijayapura, Bangalore on 12th to 14th June, 2010.

Career Launchers gave a 2 hour lecture on career planning to all the students of Commerce & Management.

Mr A P Krishnamurthy, Sports Co-ordinator & Member of More Nature Association gave a briefing on Adventures Sports & its influence on overall development of student's personality on 28th August, 2010.

## Seminars / Case-Study

- Time institute organized a seminar on Career Counseling to the students of II year Commerce & Management on 14th September, 2010.
- More Nature Association organized a seminar on Global Warming to the students of Commerce & Management on July 10th 2010.
- A marketing case study analysis was organized to the first year students of Commerce & Management students on 19th Aug., 2010. The resource person for the seminar was Mr G P Sudhakar, Head of the Dept of Nitte School of Management.

## Students Achievements

Manish Kumar Tripathi & Vinay G Kate of II Year B Com attended National Integration & Peace Youth Camp organized by National Youth Project, New Delhi, at Tawang, Arunachal Pradesh from 23rd to 30th April, 2010.

Mr Vasu of I year B Com participated in the International Sports Meet held in the month of September 2010 and was awarded a Gold Medal for securing I place in Taekwondo.

Students participated in Volley Ball competition held on 22nd September, 2010 at Bishop Cotton College, Yelahanka & won the first prize.

6 students from our college participated in NYK camp at Guwahati (National Integration & Peace Youth Camp) between 15th to 20th October, 2010.



### Annual Day

Annual Day was celebrated on 23th Dec. 2010. Mr. Ramdas Arya, Principal, Poornaprajna P.U. College, Adamar was the chief guest. Students perform various cultural programmes on the occasion.



### Felicitation programme



In association with Udupi District Physical Directors Association State and National level award winners in Udupi District PU Departmental Sports were felicitated by Nitte Education Trust on 22nd Jan. 2010. Dr.Niranjan Chiplunkar, Vice Principal, NMAMIT presided over the function. Mr. Shinda S.S, DDPU, Udupi was the chief guest. 6 sportsmen from the college were felicitated.

### Farewell



●A farewell function was organised for the II PU students on 11th Feb. 2010. Dr. Rajshekar M., Registrar, N.E.T., Mangalore was the chief guest.

### Republic Day Celebration



The 61st Republic day celebration was held at the N.E.T. campus on 26th Jan. 2010. Prof. G.V. Joshi, K.S. Hegde Institute of Management, Nitte was the chief guest.

●A farewell function was organised for the 10th std. students on 10th March 2010. Mr. Rajendra Bhat, Assistant teacher, M.V.Shastry Memorial High School, Inna was the chief guest. He addressed the students on the topic "How to face the forthcoming S.S.L.C. examinations confidently".

### Student Achievement

**Sahana Shetty** (I Com.) secured the II place in the State-level Kannada Debate competition for PU College students organised by Gulbarga University, Gulbarga and Karnataka State Co-operation Board Ltd., Bangalore on 19th Feb., 2010.

## College Annual Day



The College Annual Day was held on 14th Dec., 2010. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust was the chief guest. Mr. T. Shankaranarayana Bhat, the Principal of the college, Presided over the function. Mr. M. Rajendra, Director (Finance) Nitte Education Trust, Dr. Rajshekar, Registrar, Nitte Education Trust and Mrs. Annapurna Naik, Vice-Principal, were present on the occasion.

## Practical Banking Programme



A workshop on Practical Banking was organized on 17th Sept., 2010. Corporation Bank sponsored the programme. Mr. Harish Rai.P.B., Secretary Press Club, Mangalore inaugurated the workshop. Mr. Madhukar Mallya, AGM Corporation Bank, Chief Manager, Mr. Vittaldas Mallya gave useful information regarding banking activities.

## World Anti Drug Day

World Anti Drug Day was observed on 28th June, 2010. Students were urged to keep away from drugs and to cultivate good habits. Mr. Melvin & Ms. Jane Babu, Dept. of Psychiatry Nursing of Nitte Usha Institute of Nursing Sciences, Deralakatte, participated as resource persons. Mr. Veerabadra Swamy, Lecturer, Nitte Usha Institute of Nursing Sciences, Deralakatte presided.

## Commerce Fest

A Commerce fest was organized on 31st August, 2010. Mr. T. Shankaranarayana Bhat, Principal inaugurated the fest.

## Council Day 2010-11

The Student's Council was inaugurated on 8th July, 2010, Dr. M.S. Moodithaya, Director, Justice K.S. Hegde Institute of Management, Nitte was the Chief guest.

## Health Awareness Camp

A Health Awareness Camp organized on 3rd Aug., 2010. Lt. Col. Suresh, Asst. Director, Student Welfare, Nitte University inaugurated the camp. Dr. Vijay Shenoy, Prof. & HoD, Dr. Sumanth Shetty, Professor, Dr. Srinivas, and Dr. Arpitha, Department of Pediatrics, KS Hegde Medical Academy were the resource persons. Mrs. Annapurna Naik, Vice-Principal presided over the function.



**Suman Krishnaraj**, II PUC Science and **Avni**, I PUC Commerce have won 2nd place in the Inter-collegiate (PU) level Quiz competition, conducted in connection with the Anti-Drug-Day celebration and held in Mangalore.



### Annual day

The School Annual Day was Celebrated on 18th December, 2010. Dr. S.Y. Kulkarni, Principal, NMAMIT, Nitte was the Chief guest. Mrs. Bharathi Kulkarni, Mrs. Neeta Kishore, Principal were present on the occasion. School Children perform various cultural programmes on the occasion. On the occasion students of the school donated Rupees 6000 to Manasa Rehabilitation Centre from the students "Earn & Donate Fund."



### Parivarthan



On 8th June, 2010 Class IX and X students participated half day session 'PARIVARTHAN' a life skills training programme conducted by the Engineering Students of NMAMIT.

### School Day Celebration



We celebrated our school day on 11th April, 2010. Dr. Rajshekar M., Registrar, Nitte Education Trust presided over the function. The Chief guest for the programme was Mrs. Sabeeha Fathima. The school magazine 'BLOSSOM - 2009-10' was released on the occasion.

## Scotland Visit



Mr. Shashipal Hegde, Mrs. Anna Shanthy D'Souza, teachers along with students Prem Jason Mendonca, Divya Sheetal visited the Hutchesons' Grammar School, Scotland during the 2nd week of June, as a part of Global School Partnership.



## Scotland Visitors

As a part of the School's ongoing Global School Partnership Program on their fourth visit to Nitte in November 1st week, 2 staff and 4 pupils of Hutchesons' Grammar School, Scotland visited us and shared their experiences. We have endeared ourselves so much to our Scottish counterparts that the Rector, Dr. Kenneth Greig wants to continue the friendship with us. So, he has decided to sponsor a week's visit to 2 of our pupils annually on the basis of submitting an effective Project suggested by our Partner School.

## Joy Club

From November 2010 the school has started "Joy Club" a unique Programme under the leadership and guidance of Sri. Ravishankar of V-set, an organization in Wynad (Kerala), who conducts activities for school students to instill the following objectives:

- Kindle humaneness in students.
- Enable them to understand life better.
- Enhance their potential as individuals.
- Motivate them to become socially responsible citizens.

The methodology of reaching out to the participants is through stories and games. This is student friendly and non-coercive, hence very effective.

## Interactive session

An interactive session with Mr. Nandagopal, Convener of Center for Integrated Learning was conducted on 29th January, 2010.

## World Environmental Day

World Environmental Day was celebrated on 5th June, 2010 by cleaning the school campus

## Students Achievements



**Parvathi Pai, VIII Std.**

- Participated in the National level Karate Championship at Rajangana Udipi in February 2010 and secured three gold medals in Karate Kumite and Team Kala.

- She bagged the second place in the Boom

Dance Competition held at Poornaprajna College, Udipi in January 2010.

### 100% Result

For the eighth year in a row the school has achieved 100% passes. Out of 42 students who appeared for the Board examination, 11 secured distinction, 22 First Class, 7 second class and 2 pass class.

The following students have secured distinction:

Name of Student	Percentile
1. Shewetha C. Poojary	95.0
2. Sukanya Surendra Pai	93.1
3. Mefil D'souza	91.2
4. Amodh Kamath	91.2
5. Pratheek P.B	89.3
6. Akshay Shetty	87.4
7. Gaurav Jain	85.5
8. Kiran J Karkera	83.6
9. Rithika Shetty	83.6
10. Glann Ashwin Tellis	81.7
11. Naimish Hegde	81.7

## Awards day



The school celebrated Awards day on 18th February, 2010. Mr. & Mrs. John D'Souza, parents of Clinton Neil D'Souza, top scorer in the SSLC Public examination of 2008-09 and Mr. Lindsay Howard Cunliffe, Deputy Head, St. John's Primary School, Norfolk, UK were the guests of honour. The school felicitated Clinton Neil D'Souza for his achievement. The P.T.A of the school felicitated Mr. Lindsay Howard Cunliffe.

## Annual Day



The school celebrated its Annual Day on 19th February, 2010. Mr. Abhayachandra Jain, Chief whip, Opposition Party, Govt. of Karnataka, was the chief guest. Mr. Lindsay Howard Cunliffe was the guest of honour. Mr. Yashawantha Salian, Principal, M.R.P.I.T.I presided over the function.

## Creative Art Camp- 2010

Annual Creative Art Camp was inaugurated on 31st of March, 2010, by Mr. Pattabhirama, a renowned mimicry artist. He entertained the students with his art.

## Deputy Head of St. John's Primary school, Norfolk. U.K. visits school



As a part of DFID Global School Partnerships reciprocal visit grants, the school has partnered with St. John's Primary school, Norfolk, U.K. Mr. Lindsay Howard Cunliffe, Deputy Head, visited the school on 14th Feb., 2010. He exchanged views regarding the learning environment, culture, teaching methods and extra-curricular activities.

## Farewell

Students of class IX bid farewell to the students of class X on 20th February, 2010. The students of class X donated 3 boards to the school. Members of the P.T.A, teachers and Mr. Lindsay Howard Cunliffe, were present at the function.

## P.T.A. Get together

The school organised a parents and teachers get together on 17th February, 2010. Mr. Lindsay Howard Cunliffe was the guest along with the Mr. Nazeer and Mrs. Safiya Nazeer, parents of Roshna, S.P.L. of the school. The parents and teachers exhibited programmes depicting the Indian culture.



Roshna Nasir was felicitated by The P.T.A. for scoring a percentile highest of 99.75

The following activities were conducted for classes K.G to 9, from 1st of April to 9th.

The tiny tots had a chance to learn songs, games, preparing flowers with socks material, making face with coconut shells, drawing and dancing. Mr. Harish, Mrs. Dhanya, Mr. Karthik, Mr. Chandrahas, Mr. Jayanna and Mr. Harish Kodialbail were the trainers.

Classes 1 and 2 had the opportunity to learn drawing, games, dancing, collage, shishugeethe, solo wood flower, preparing greeting card, paper mask, key chain, craft items from coconut shell and Karate

Students of class 3 and 4 had a scope for improving their skills in dance, music, preparing fur parrot, craft using coconut shell, flowers using solo wood, photo frames, key chain and paper folding.

Classes 5 and 6 learn t preparing Yakshagana masks, embroidery, fur tortoise, patriotic songs, preparing containers using jackfruit leaves, craft and photo frame along with karate ass nd thermocol cutting.

Classes 7 and 8 had prepared squirrel, designed pots learnt embroidery, life skill training and poster making in addition to clay modelling and karate.

Creative Art camp concluded on 10 April. Mr. Vasu Naik, President ,P.T.A, served as the guest. Mr. Yadava Devadiga presided over the function. Creative Art camp is looked forward to by students for they can learn many interesting things.



### Talk on Healthy Parenting

Mr. Rajendra Bhat ,Maths Teacher, MV Shasthri High School, Inna delivered a talk on Healthy Parenting at the general body meeting of the School.

The first batch of students appeared for class 10 exams of C.B.S.E and have secured 100% results.

The following students have secured distinction:

Name of Student	Percentile
Roshna Nasir	99.74
Sharol Correa	96.92
Adithya G. Shetty	92.80
Akarshitha B	89.74
Faisal Usman	87.21
Vani Shree	86.57
Shahnawaz Ahmed	84.98
Shreeja	83.72



Mr. Aravind Hegde, Special Officer, Nitte Education Trust inaugurating the Prathiba Karanji a cluster level competition held in the campus.



The students of Dr. NSAM Higher Primary School, Bolakodi performing a folk dance at the Prathiba Karanji a cluster level competition held in the college campus.

## Nitte International School



NIS was established in year 2007 in North Bangalore. Just within a span of three years NIS has come to be known as the premier Educational Institution in North Bangalore, which has got recognition for its Quality Education and as one of the first fully integrated school with facilities of International Standards. The school is Co-Educational Day cum Residential school from Nursery- Std. Xth and is affiliated to CBSE. The pedagogy aims to break new grounds in transferring young and flexible brains to creative and analytical one. Integrated Curriculum is calibrated to maximize learning and ensures all round personalities development. To explore the creative streak in every child and harness his/her cultural and aesthetic abilities. NIS offers an array of activities in various creative areas.

The School is located on a sprawling campus of 11 acres with

Academic block having a floor space of 1,00,000 sq. ft., a hostel to accommodate 100 children, sports field, amphitheatre, herbal garden, animal house and facilities for indoor games. Presently classes up to IX Std. are running. The infrastructure will be further enhanced to meet the academic and residential requirements.



## Fancy Dress Competition



A fancy dress competition was showcased by our tiny tots of kindergarten section, with colorful representation of flowers, fruits and characters of our epics.

## Rajyotsava

Rajyotsava was celebrated with great enthusiasm. Great heroes from Karnataka's glorious past were remembered. A cultural program was organized to appreciate our rich and varied culture.

## Sports Week

We at NIS fervently believe that a sound mind rests in a healthy body. With the goal to provide a physically fit generation, NIS has collected an array of facilities for conducting various sports activities. A sports week was conducted with various games and sports from Jan 17th to 24th Jan 2011.

## Republic Day

62nd Republic day was celebrated with great spirit of patriotism at NIS. Dr. H C Nagaraj, Principal NMIT was the chief guest for the day. The special attractions of the events were Yoga Drill, Mass Exercise, Parade and Cultural programmes.



## Silver Jubilee Celebrations Valedictory Programme

The valedictory programme of Silver Jubilee Celebrations of M.R. Punja I.T.I. and was held on 29th January, 2010. Mr. Amaranath Shetty, Ex-Minister, Govt. of Karnataka felicitated Alumnus, achievers in different fields. Mr. Abhayachandra Jain, MLA, released the Silver Jubilee Sovenir “Koushalya Kirana”. Mr. Krishna Gopal, General Manager, UPCL released Tri-Monthly Magazine “TAPOVANA”. Mr. N.V. Hegde, Chancellor, Nitte University and President, Nitte Education Trust presided over the function.

## Press, Media and Youth

A programme on Press, Media and Youth was organised for the students of D.K and Udupi districts, on 6th Jan., 2010 in association with the Mulki Press Club. The programme was inaugurated by Mr. Harsha, President D.K. District Working Journalists Association and presided over by Mr. MH Aravinda Punja, Chairman, Silver Jubilee Committee. Mr. Bhagyavan J Sanil, President, Mulki Press Club, and Mr. Umesh Rao, Yekkar, Retd. Teacher were the guests of honour. The resource persons for the various sessions were Mr. Chidambara Baikampady, Sr. Journalist-V4 Media, Mr. Guruvappa Balepuni and Mr. Rajesh K.C, Journalists. Mr. Umesh Rao and Mr. Chidambara Baikampady, were felicitated at the function. A.G Soans, I.T.C, Moodabidri, Hebich, I.T.C. Mangalore and St. Aloysius I.T.C, Mangalore bagged I, II, III places, respectively, in the quiz competition which was held as part of the programme.

Prof. Ramesh Karnik, Justice K.S.Hegde Institute of Management, presided over the valedictory function.

## A Programme in Memory of Vijayanagara Heritage



A programme to commemorate the Vijayanagara Heritage was organized by N.S.S. unit. Mr. Sudhakar Shenoy, Head Master, Govt. High School, Halekatte was chief guest.

## Two Days Workshop on Innovative Methods for Quality Enhancement

A Two day workshop on “Innovative Methods for Quality Enhancement” was held on 22nd and 23rd January. Dr.S. Y. Kulkarni, Principal, NMAMIT inaugurated the workshop. Prof. Ramesh Karnik, Justice K.S.Hegde Institute of Management, presided over the function. Mr. Rajesh K.C- Vice Chairman, Affiliation Committee, NCVT, Mr. Giridhar Salian- Deputy Director Trg., Principal, Govt. ITI, Mangalore, were chief guests. Principals, T.O.’s and J.T.O.’s from various ITI’s of D.K. and Udupi Districts attended the workshop. Mr. N. Jayaram Shetty, Associate Professor, JKSHIM, Nitte, AVM Retd. Prof. K.R. Karnik, Registrar, JKSHIM, Nitte, Dr. Niranjana N. Chiplunkar, Vice Principal, NMAMIT, Dr. Sudhir Raj K., Professor, JKSHIM, Mr. Giridhar Salian, Deputy Director(Trg.), Principal, Govt. ITI, Mangalore and Mr. Rajendra Bhat K. JC International Trainer were the resource persons.

## Students Achievements

### Student felicitated

Kishore Devadiga, alumnus, completed his B.E. despite being handicapped and presently working at Manipal Press (P) Ltd.

### Students won prizes in District Level competitions

The students were the runners up in District Level Volley Ball tournament, won I Prize in District Level Technical Exhibition, 3rd Prize in Cultural Programme “Variety Entertainment” held at Govt. ITI, Kadri on the occasion of its golden jubilee celebrations, and were the runners up in District Level Volley Ball tournament, held at St. Mary’s ITI on the occasion of its silver jubilee celebrations.

## Nitte Institutions:

### Health Science Institutions

- K. S. Hegde Medical Academy, Mangalore
- A. B. Shetty Memorial Institute of Dental Sciences, Mangalore
- Justice K. S. Hegde Charitable Hospital, Mangalore
- Nitte Meenakshi Institute of Craniofacial Surgery, Mangalore
- Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Mangalore
- Nitte Usha Institute of Nursing Sciences, Mangalore
- Nitte Institute of Physiotherapy, Mangalore
- Nitte Institute of Medical Laboratory Sciences, Mangalore
- Nitte Institute of Speech and Hearing, Mangalore

### Engineering Institutions

- Nitte Mahalinga Adyanthaya Memorial Institute of Technology, Nitte
- Nitte Meenakshi Institute of Technology, Bangalore

### Management Institutions

- Justice K. S. Hegde Institute of Management, Nitte
- Nitte School of Management, Bangalore
- Sarosh Institute of Hotel Administration, Mangalore

### Technical Institutions

- Nitte Rukmini Adyanthaya Memorial Polytechnic, Nitte
- Mulki Ramakrishna Punja Industrial Training Institute, Thokur

### Science and Commerce Institutions

- Dr. Nitte Shankara Adyanthaya Memorial First Grade College, Nitte
- Dr. Nitte Shankara Adyanthaya Memorial First Grade College, Bangalore
- Dr. Nitte Shankara Adyanthaya Memorial College, Mangalore
- Dr. Nitte Shankara Adyanthaya Memorial Pre-University College, Nitte
- Dr. Nitte Shankara Adyanthaya Memorial Pre-University College, Mangalore

### Schools

- Nitte International School, Bangalore
- Dr. Nitte Shankara Adyanthaya Memorial English Medium High School, Nitte
- Dr. Mundkur Ramanna Shetty Memorial English Medium High School, Thokur
- Dr. Nitte Shankara Adyanthaya Memorial Higher Primary School, Bolakodi

### Satellite Health Centres:

- Subrahmanya • Sringeri • Mulki • Mundkur • Nitte • Bailoor • Thalipadi • Dabbekatte • Nada
- Madikeri • Maranakatte • Bellikoth • Sasihithlu • Hejamadikody • Mukka • Jeppinamogaru • Kadri • Konaje



**Nitte University**

**Nitte Education Trust**

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