

Annual Report 2015-16

N.M.A.M. Institute of Technology, Nitte started in 1986 is now in its 30th year of fruitful existence. Over the years, the college has seen tremendous development in all aspects of Academic offerings. Now, the college has an annual B.E. intake of 1008, M.Tech. intake of 194, MCA intake of 120 and MBA intake of 180. The Department of Management studies offering MBA program has been given full internal autonomy within NMAMIT and the Institute is named as Justice K.S.Hegde Institute of Management. Under B.E. program, we have 7 branches of Engineering and under M.Tech, ten disciplines. All the departments have VTU recognized Research Centres. College enjoys full academic autonomy from the year 2007 for all its UG and PG programs including Management program under VTU Belagavi. Ours is a NAAC (Grade B) accredited and ISO9001-2008 certified Institute.

During the current academic year 2015-16, we started 2 new M.Tech. programs one – M.Tech in Industrial Biotechnology and another M.Tech. in Power electronics, both with a sanctioned intake of 18 students. Five of our programs were accredited by National Board of Accreditation under Tier-I category for 2 years. These programs are MBA, M.Tech(Energy Systems Engineering), M.Tech (Digital Electronics and Communication), BE(Computer Science and Engineering) and BE(Information Science and Engineering). During the current academic year, 2 faculty members with Ph.D. qualification were appointed as Professors in E&C Department, One faculty with Ph.D. qualification was appointed as Professor in CSE Department and one in Physics Department. Five of our faculty members in different departments obtained their Ph.D. degree during this year. As of now, we have 60 faculty members with Ph.D. qualification. From this year, we have started taking full time students for their Ph.D. degree. Right now, there are 3 full time research scholars working in 3 different departments. During the current year, 3 faculty members have been sponsored to other reputed Institutes to do their Ph.D. on full time basis. Apart from this, 72 faculty members are pursuing their Ph.D. on part time basis in different departments.

There are about 4500 students in the college at present, out of which about 2500 students stay in the college hostels. 286 teaching faculty members and 475 non teaching staff members are there on the permanent rolls.

In the odd semester examinations held in the month of December 2015, an average of 85% results were obtained by the BE students and an average of 95% results were obtained by the postgraduate students. I believe that similar or better results will be obtained in the even semester exams of 2015-16 too. This year we could place 640 final year students from BE, M.Tech and MCA into 60+ different companies through the campus placement. This number of placements is highest in last 3 years. I congratulate all concerned for this very good achievement.

Five Entrepreneurship awareness programs were conducted this year for the benefit of all our final year students, where inputs were given by the successful entrepreneurs, financial experts and Government officials. 10 student teams have received a funding of about Rs.1.5lakhs each from KBITS, Govt. of Karnataka for their incubation units. 5 Project proposals have been sent to Ministry of MSME, Govt. of India for the entrepreneurship funding, after thorough scrutiny.

During the current academic year, NET Credit Cooperative society has constructed its own building at a cost of about Rs.65lakhs on the land leased out by the Nitte Education Trust. The NET Student consumer cooperative society is now operating in the ground floor of this new Credit cooperative society building.

On the Infrastructural front, during the current academic year, the College procured a new 500KVA Generator set for the back up. This is in addition to the existing 500KVA genset in the college. A new Electric transformer of capacity 500KVA has been erected, to meet the increased power requirements. Football ground, Hockey ground and Cricket ground with 400mtr. Track are now ready with a well designed fitness centre and a pavilion building. The Basket Ball court with wooden flooring of international standard and a MultiGym add to the feathers of huge Sports facility of Nitte campus. The construction of two floors above the syndicate bank building with a total area of about 7000sq.ft. is now underway. This will have the new "Centre for Research and Innovation" . This will be the place where all interdisciplinary research activities and centres of excellence in specialised areas will be housed. Another new staff quarters building with 24 staff quarters is now ready for occupation.

The college sports day was held on 19th January 2016. "Tech-Nidarshan" , an intercollegiate technical competition event was held on 29th, 30th and 31st October 2015, where about 1000 students from different colleges participated in 57 different technical events, "Anandotsav", an intercollegiate cultural competition event was

successfully conducted during 25th, 26th and 27th February 2016 where students from different colleges participated in 27 different cultural competitions. Under SPICMACAY one program was conducted during the current academic year i.e., “Mohiniattam” by Smt.Manjula Murthy.

New ACM Chapter and ACM –Women chapter were inaugurated this year, under which several technical activities are being organized. These are in addition to existing IEEE, CSI, ISTE, IE, Energy Society and Condition Monitoring Society student branches. Two new student clubs namely “Business innovators club” and “Pranava – temple club” have been started this year, through which students arrange several personality development and spiritual programs. These are in addition to ten other student clubs which bring the likeminded students together and arrange programs for their benefit.

Our Institute conducted inter-zonal and University level Men and women Badminton tournaments this year. The VTU selection of the players also took place during the same time. Apart from this, we organized Mangalore zonal level hand ball, cricket and Hockey matches. Our college secured 2nd place in overall sports and games achievements at the University level. Our students won several prizes in University level sports and games. 15 athletes from our college represented VTU in various sports and games events and participated in south zone and all India inter University competitions. Our college team won University level Championship in weightlifting and powerlifting for the 11th time. College students participated in “Aeromodelling” competition at IIT Chennai and Go-cart vehicle design competition at Hyderabad. SAE BAJA team designed an All terrain Vehicle for a national level competition which was held in March at Bhuvaneshwar.

As part of International tie-ups, 2 faculty members – Mr.Venugopal and Mr.Suryanarayan from Dept. of CSE and E&E respectively visited Ritsumeikan University Japan for 3 weeks for research collaborations. 2 Faculty members – Dr.Anil Kumar and Mr. Shridhar and 9 students from Civil engineering and Biotech engineering spent about 10 days in Ritsumeikan University, Japan under SAKURA student exchange program. One student from the same Japanese University, was at our Institute for a month’s time carrying out his project. A team of 7 Professors from different European Universities visited our Institute to have one-to-one research interactions with our selected faculty members. A graduate student from Antwerp

University, Belgium did his 3 month internship under the guidance of a Professor from Mechanical Engineering.

An alumni meet of E&E Alumni was held during ELIXIR event on 13/11/2015. Another silver reunion meet of Alumni was held on 1st August 2015 in the college. On 19th February, an alumni meet was held at Dubai. The purpose of all these meets is to foster the interactions with our alumni and make them to come back to the college and help their juniors in building their professional career.

In the next few months, UGC committee is going to visit us, to grant the extension of academic autonomy, which was granted to us for the first time in the year 2007. We will be applying for NAAC accreditation once again to improve our grading. Accreditation applications of 5 more programs for the NBA accreditation are getting ready.

All these achievements were possible only with a strong support from the Management, keen involvement of our faculty and staff members and very good understanding of our disciplined students. I thank all of them for their sincere role in taking this Institute to the next higher level. We are committed to our motto of “Strive for Excellence” and pray almighty God for his blessings.

-Prof. Niranjana Chiplunkar