Convocation 2014
K K Birla Goa Campus

50 years
of igniting
young minds

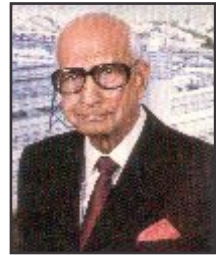**BITS** Pilani
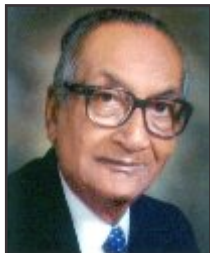Pilani | Dubai | Goa | Hyderabad

innovate   achieve   lead

BITS Vision

" What do we propose to do here? We want to teach real science whether it is engineering, chemistry, humanities, physics or any other branch. We want to develop a scientific approach in Pilani, which means there would be no dogma. There will be a search for truth. What we propose to do here is to cultivate a scientific mind."
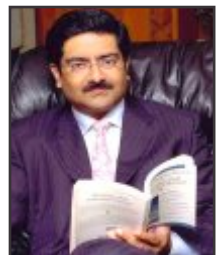
--The Late Shri G. D. Birla
Founder Chairman, BITS Pilani.

"….to prepare young men and women to act as leaders for the promotion of the economic and industrial development of the country and to play a creative role in service to humanity."

--The Late Dr. K. K. Birla
Former Chancellor, BITS Pilani.

"What is it that can empower our nation? The most obvious answer is education. Education that enhances livelihoods but also education that is value-based. Education that gives roots and gives wings as well."

--Dr. Kumar Mangalam Birla
Chancellor BITS Pilani

innovate   achieve   lead

MINUTE TO MINUTE PROGRAMME OF CONVOCATION 2014
August 03, 2014

09:00 AM	Tree plantation by Chief Guest at VGH
09:10 AM	Chief Guest arrives; received by Vice-Chancellor, Members BoG, Directors and Registrar at B Dome
09:15AM	**Unveiling of Shri G. D. Birla Mural by the Chief Guest**
09.20 AM	Vice-Chancellor, Members BoG, Directors and Registrar meet the Chief Guest in the Conference Room
9:40 AM	Chief Guest is helped with wearing the robe and escorted to the Auditorium
9.40 AM	Assembly of Members of the Senate in the portico at the Auditorium
9.45 AM	Introduction of the Senate members to the Chief Guest by the Vice-Chancellor and Director
9.55 AM	Academic procession proceeds in columns of two, led by Registrar to the Convocation Hall. Procession music is played.{*When the procession enters the Convocation Hall, all assembled will rise in their seats, and remain standing until the members forming the procession have taken their seats on the stage*}
10.00 AM	Invocation
10.02 AM	Registrar requests the Vice-Chancellor to declare the Convocation open. The Convocation is declared open by the Vice-Chancellor
10:03 AM	Report on activities of the Institute and address by the Vice-Chancellor
10:13 AM	Vice-Chancellor reads the Chancellor's Message
10.18 AM	Director's Report
10.26 AM	Introduction of the Chief Guest by the Director
10.28 AM	Convocation address by the Chief Guest
10.48 AM	Presentation of Memento to the Chief Guest by the Vice-Chancellor
10.50 AM	Presentation of Degrees: Registrar presents the candidates who have qualified for various Degrees; {*All the candidates will rise in their seats and keep standing as the citation is read by the Vice-Chancellor*}
10.53 AM	Presentation of Degrees by Vice-Chancellor/Director
11.50 AM	Award of Medals by the Chief Guest
11.55 AM	Administration of Oath to the recipients of various Degrees by the Gold Medalist. {*Ms Namita Paul, Gold medalist will lead the Oath. Recipients of Degrees will stand and repeat the oath word by word*}
11.57 AM	Vote of Thanks
12.03 PM	The Convocation is dissolved by the Vice-Chancellor
12.04 PM	National Anthem. {*All assembled will rise and stand while the National Anthem is played, and remain standing till the procession completely leaves the Hall.*}
12.05 PM	Academic procession departs. Procession music is played.
12.15 PM	Convocation Lunch

MEMBERS OF THE BOARD OF GOVERNORS

Dr. Kumar Mangalam Birla
Chancellor

Smt. Shobhana Bhartia
Pro-Chancellor

Prof. B.N. Jain
Vice-Chancellor

Shri B.K. Birla	Shri Kris Ramachandran
Shri Sidharth Birla	Shri Rajiv Verma
Smt. Manjushree Khaitan	Shri H.S. Bawa
Prof. G. Raghurama	Prof. M.M.S. Anand (Registrar), Non-member
Shri Hemant Kumar	Secretary

SENATE MEMBERS

Chairman
Prof. Bijendra Nath Jain - Vice-Chancellor

Vice-Chairman
Prof. G. Raghurama - Director, Pilani Campus

Secretary
Prof. M.M.S. Anand – Registrar

Other Members

Directors

Prof. Ranendra N. Saha, Dubai Campus

Prof. K. E. Raman (Acting), K K Birla Goa Campus

Prof. V. S. Rao, Hyderabad Campus

Prof. R. K. Mittal (Special Projects), Pilani Campus

Prof. G. Sundar (Off-Campus Programmes & Industry Engagement), Pilani Campus

Deans
University Wide
Pilani Campus

Prof. S. Balasubramaniam

Prof. S. Gurunarayanan

Prof. R. Mahesh

Prof. Ajit Pratap Singh

Prof. Niranjan Swain

Prof. Sanjay Kumar Verma

K.K. Birla Goa Campus
Prof. Sunil Bhand

Hyderabad Campus
Prof. Suman Kapur

Campus Wide
Pilani Campus

Prof. Niti Nipun Sharma

Prof. Arya Kumar

Prof. S.C. Sivasubramanian

K.K. Birla Goa Campus

Prof. D.M. Kulkarni

Hyderabad Campus

Prof. M.B. Srinivas

Dubai Campus

Prof. Priti Bajpai

Prof. Ramadoss Roop Kumar

Prof. B. Muralidharan

Prof. Thoppil George Thomas

Associate Deans
Pilani Campus

Prof. Hari Om Bansal

Prof. Anshuman Dalvi

Prof. Hemant Ramanlal Jadhav

Prof. Anil Kumar

Prof. Dalip Kumar

Prof. Sanjeev Kumar

Prof. Hitesh Datt Mathur

Prof. Bijay Kumar Rout

Prpf. Sirkanta Routroy

Prof. P. Srinivasan

Shri K. Venkatasubramanian

Off-Campus Centre

Prof. S. Sindhu, *Bangalore*   Prof. G. Venkiteswaran, *Chennai*

K.K. Birla Goa Campus

Dr. Prasanta Kumar Das   Prof. Sampatrao D. Manjare

Prof. Ranjan Dey   Prof. Srikanth Mutnuri

Prof. Neena Goveas   Prof. Raghunath Ratabole

Dr. Lucy J. Gudino   Prof. Pravin M. Singru

Prof. Aditya Prasad Koley

Hyderabad Campus

Prof. Souri Banerjee   Prof. Srinivasa Prakash Regalla

Dr. K.V.G. Chandrasekhar   Prof. Morapakala Srinivas

Dr. Sandip Shridharrao Deshmukh   Prof. P.K. Thiruvikraman

Dr. P. Sankar Ganesh   Prof. A. Vasan

Prof. Chittaranjan Hota   Prof. P. Yogeeswari

Prof. Vidya Rajesh

Dubai Campus

Prof. Somasundaram Arumugam   Prof. K. Kumar

Prof. Anand Kumar   Prof. Neeru Sood

Professors
Pilani Campus

Prof. Rahul Banerjee   Prof. L.K. Maheshwari

Prof. Surekha Bhanot   Prof. Rashmi Ranjan Mishra

Prof. V.K. Chaubey   Prof. Janardan Prasad Misra

Prof. Ashis Kumar Das   Prof. Rajendra Prasad Pareek

Prof. Mani Sankar Dasgupta   Prof. Bandi Venkata Prasad

Prof. Balram Dubey   Prof. Kodali Rambabu

Prof. Chandra Bhan Gupta   Prof. N.V. Muralidhar Rao

Prof. Rajiv Gupta   Prof. Ram Kinkar Roy

Prof. S. Kanan   Prof. Ashoke Kumar Sarkar

Prof. Rajiv Kumar   Prof. Shamsher Bahadur Singh

K. K. Birla Goa Campus

Prof. Arun V. Kulkarni

Hyderabad Campus

Prof. N. Rajesh

Prof. Komaragiri Srinivasa Raju

Prof. Addepalli Ramu

Prof. P.N.K. Rao

Prof. D. Sriram

Prof. S. Swaminathan

Dubai Campus

Prof. S. Karthiyayini

Prof. Dawood Jalaluddin Shariff

Prof. S. Swaminathan

Associate Professors
Pilani Campus

Prof. Sanjiv Kumar Choudhary

Prof. Shibasish Chowdhury

Prof. P.R. Deepa

Prof. Arun Kumar Giri

Prof. P. Gopalan

Prof. Poonam Goyal

Prof. Lalita Gupta

Prof. Subhash Narayan Karbelkar

Prof. Kusum Lata

Prof. Pushp Lata

Prof. Arun Maity

Prof. Dilip Kumar Maiti

Prof. Sai Jagan Mohan

Prof. Sudeept Mohan

Prof. Debi Datt Pant

Prof. Mukesh Kumar Rohil

Prof. Kumar Neeraj Sachdev

Prof. Sangeeta Sharma

K.K. Birla Goa Campus

Prof. Narendra Nath Ghosh

Prof. Vijayashree Nayak

Prof. Bhavana P.

Prof. Jagarlamudi Venkateswara Rao

Prof. Santonu Sarkar

Hyderabad Campus

Prof. A. Michael Alphonse

Prof. Amit Kumar Gupta

Prof. Jeevan Jaidi

Prof. V.R. Vinayaka Rao

Prof. N. Suresh Kumar Reddy

Dubai Campus

Prof. Maneesha Bhagchandani

Prof. Adhir Baran Chattopadhyay

Prof. Tapan Kumar Datta

Prof. Vijaya Ilango

Prof. Kavita Sunil Jerath

Prof. Ram Karthikeyan

Prof. Surendra Kumar

Prof. Sankaram M.

Prof. R. Udayakumar

Prof. A. Srinivasa Rao

Prof. Krishna Kumar Singh

Prof. B. Vijayakumar

Heads of Departments
Pilani Campus

Prof. Geetha B	Prof. Pradipkumar Haribhau Keskar
Prof. Debashish Bandyopadhyay	Prof. Manoj Kumar
Prof. Anil Kumar Bhat	Prof. Jitendra Panwar
Prof. Navneet Goyal	Prof. Subit Kumar Saha
Prof. Anu Gupta	Prof. Kuldip Singh Sangwan
Dr. Suresh Gupta	Dr. Arvind Sudarsan

K.K. Birla Goa Campus

Prof. Raghu Nath Behera	Prof. Meenal Anil Kowshik
Dr. Shibu Clement	Prof. S. Krishnaswamy
Prof. Gaurav Dar	Prof. Prasanna Kumar N.
Prof. Mukund Keshavrao Deshmukh	Prof. Meenakshi Raman
Prof. Bharat M Deshpande	Dr. Debasis Patnaik

Hyderabad Campus

Dr. Jagadeesh Anmala	Dr. Kannan Ramaswamy
Dr. R. Gururaj	Prof. Y.V. Daseswara Rao
Dr. Balaji Krishamurthy	Prof. K. Sumithra
Dr. P. Lalitha	Prof. Ramakrishna Vadrevu
Prof. Bivudutta Mishra	Dr. V. Vamsi Krishna Venuganti
Dr. M.G. Prasuna	Prof. Y. Yoganandam

Dubai Campus

Prof. Bharat Bhushan Gulyani	Prof. Mary Lourde R.
Prof. C. Periasamy	Prof. Shah Jabeen Shazi
Prof. D.V. Prasad	Prof. S. Vadivel

Co-opted Faculty

Dr. Anshuman, *Pilani Campus*	Dr. Phaneendra Kiran C., *Hyderabad Campus*
Dr. Jyoti, *Pilani Campus*	Dr. Abdul Rajak A.R., *Dubai Campus*
Dr. Lucy J. Gudino, *K.K. Birla Goa Campus*	Dr. Mallika Parveen C., Dubai Campus
Dr. Angshuman Sarkar, *K.K. Birla Goa Campus*	Dr. Meenakshi Viswanathan, *Hyderabad Campus*

Librarian

Shri Giridhar M. Kunkur,
Pilani Campus

Dr. K.N. Sheshadri,
Dubai Campus

Workshop Superintendent

Shri G.J. Desai, *KK Birla Goa Campus*

Chief Wardens

Dr. Champak Baran Das,
Pilani Campus

Dr. C. K. Ramesha,
K.K. Birla Goa Campus

Dr. N.K. Miller Jothi,
Dubai Campus

Dr. Kumar Pranav Narayan,
Hyderabad Campus

Admissions Officer

Prof. Ajit Pratap Singh,
Pilani Campus

Prof. Thoppil George Thomas,
Dubai Campus

Placement Officer

Prof. Mani Sankar Dasgupta

External Members

Dr. Malini Balakrishnan

Dr. Rishi P. Jamadagni

Dr. S. Ganguli

Dr. Chandra Shekhar

Student Members

Shri Kshitij Saxena,
Pilani Campus

Shri S.L. Narayan,
K.K. Birla Goa Campus

Shir Mohamed Atyab,
Dubai Campus

Shir I. Praneeth,
Hyderabad Campus

INTRODUCING THE BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI AND THE K K BIRLA GOA CAMPUS

The Birla Institute of Technology and Science (BITS), Pilani is an all-India Institution declared as deemed to be university established under Section 3 of the UGC act. It is privately supported, fully residential and admits both male and female students. The primary objectives of the Institute are "to provide for and otherwise promote education and research in the fields of Technology, Science, Humanities, Industry, Business, Public Administration and to collate and disseminate in such fields effective ideas, methods, techniques and information as are likely to promote the material and industrial welfare of India" and to "train young men and women able and eager to create and put into action such ideas, methods, techniques and information".

The Institute was initially registered as a Society under the Rajasthan Societies Registration Act of 1958 on the 13th May, 1964. Subsequently, by notification published in the Gazette of India dated the 27th June, 1964, the Ministry of Education, Government of India, declared that the Institute being an institution for higher education shall be "deemed to be a University". The Institute started functioning with effect from 1st July, 1964 with late Shri G.D. Birla as its Founder Chairman.

The Institute started as a small "Pathshala" in Pilani way back in the year 1901 by Seth Shri Narainji Birla with one teacher for educating his grandsons, late Shri G.D. Birla and late Shri R.D. Birla. Pilani was then a small isolated desert village in Rajasthan. The Pathshala evolved slowly and steadily into a High School in 1925 and became an Intermediate College in 1929. The Birla Education Trust was founded in the same year. The Intermediate College developed into a Degree College in 1943. In 1947, this college was raised to postgraduate level. In 1950, Pharmacy courses were started in this college, and in 1952, it was bifurcated into College of Arts and the College of Science, Commerce and Pharmacy.

During World War II, the Government of India established a Technical Training Centre at Pilani for the supply of technicians for Defence Services and industry. In 1946, late Shri G.D. Birla decided to convert it into an engineering college with degree programmes in Electrical and Mechanical Engineering. Master's programme in Electronics was started in 1955. B.E. programmes in Civil Engineering and Chemical Engineering were started later. In 1964 with the inception of the Birla Institute of Technology and Science, the colleges, viz., Birla College of Science, Commerce and Pharmacy, Birla College of Arts and Birla College of Engineering

situated at Pilani, as also all properties, movable and immovable, together with educational facilities, hostels, staff quarters, playgrounds, etc., became part of the Institute and all these properties were vested in it. During the early years of its inception, i.e., 1964 to 1970, the Institute with the support of Ford Foundation Grant had the advantage of having collaboration with Massachusetts Institute of Technology (MIT), USA. It adopted the semester system, modular structure of courses, continuous and internal evaluation, letter grading, etc. It also created institutionalized linkages with the industries. Over a period of time, the Institute also introduced several flexibilities in its educational programmes.

Dr. K.K. Birla who took over as the Chairman of BITS in 1983 was deeply involved and closely associated with his visionary father in running both the earlier Birla Colleges and the current institute BITS, since its inception. With his spirited involvement in all the activities of the Institute, he was able to see the vision of his father Late Shri G.D. Birla unfolding. Taking over the responsibility of running the institute, Dr. K.K Birla who became the Chancellor in 2003 realized the need for greater number of promising graduates in the field of science and technology in shaping up the nation's development. Hence he initiated an increase in the number of students at Pilani campus during 1999 which gradually carried the total strength from 2500 to 4000. Under his patronage, BITS started expanding by establishing three campuses, one in Dubai in the year 2000, in Goa in the year 2004 and in Hyderabad in the year 2008.

Consequent upon the sad demise of Dr. K.K. Birla on 30 August 2008, Dr. Kumar Mangalam Birla was elected as the Chancellor and Smt. Shobhana Bhartia was nominated as the Pro-Chancellor of the Institute. Under the leadership of young and dynamic Chancellor, BITS is taking steps to scale greater heights.

In the year 2000, BITS was accredited by NAAC with the highest possible rank in University accreditation. In 2008-2009, the NAAC peer team visited BITS campuses at Pilani, Goa and Dubai and BITS has been reaccredited with CGPA 3.71 on four point scale at the highest 'A' grade.

Vision 2020: A Strategic Plan for BITS
The Institute has embarked on a journey to become one of the leading universities in the world by the year 2020. Initially, a task force was constituted to prepare the Vision 2020 document and the draft 'Vision 2020' was released in February 2009. After several deliberations and discussions, Vision 2020 was formalized and logically split into 3 year long milestones, known as 'Mission Programmes'. First such milestone, *Mission 2012*, was

accomplished in the year 2012, after being formally launched in October 2009.

Mission 2012 focused and achieved significantly in six thrust areas - Academic Programs and Pedagogy, People, Research & Consultancy, Campus Life, Infrastructure & Facilities and University Administration. 16 Task Forces comprising of more than 110 faculty members were involved in realizing 33 different goals under these six thrust areas. Several initiatives such as curriculum bench marking and redesign, strengthening student feedback, seed grant, research initiation grant, sabbatical leave policy, performance appraisal, faculty recruitment among others were fully completed and institutionalized into regular operations at BITS.

Other initiatives with varying degrees of completion would be taken up by existing offices, completed and institutionalized. Off Campus programmes (WILP), initially an intrinsic part of the People thrust area, was recognized to be a significant component in realizing Vision 2020. Several initiatives to engage with the industry have been taken up that will be achieved over 2-3 years.

Mission 2012 was formally concluded on a celebratory note, with a formal event 'Reflections 2012', presided by the Chancellor, Dr Kumar Mangalam Birla. The event was held in the K K Birla Goa campus, and was attended by several faculty & staff members. The Task force members were felicitated for their valuable contribution towards Mission 2012 goals.

In March earlier this year, *Mission 2015*, the next milestone in the journey towards Vision 2020, was formally launched. The Mission 2015, expected to bring a quantum jump in the aspirations of the objectives set forth, entails focusing on 7 imperatives: Faculty & Staff Development, Industry Engagement, Inter-Disciplinary Research, Internationalization, Innovation & Entrepreneurship, Quality Assurance & Assessments and Technology Enablement. One team per imperative has been identified and the teams have already started working on refining and actioning the goals.

A growth plan for the next 10 years has been developed and under implementation. While projecting growth in number of students from 11,000 to more than 17,000 by 2020-21 across its four campuses, the plan outlines a strategy for transforming BITS into a research-focused university while continuing to consolidate its First degree and Higher degree programmes. Establishment of new research labs is an important ingredient of the growth plan, for which the plan envisages an aggressive push to sponsored research grants from Govt. agencies and from industry. As a result of extensive efforts to benchmark the First degree and Higher

degree programmes against the best in the world, the curricula of all First degree and Higher degree programmes have been completely re-designed while ensuring greater focus on discipline-specific courses, on courses in Humanities, and on hands-on learning through lab-based experimentation and thesis work. The new curricula was implemented starting August 2011.

Transforming BITS into a research-focused university is at the top of BITS' agenda. To take that forward, BITS has undertaken several measures. These include (i) Significant increase in the number of "teaching assistantships" that offer tuition waiver and stipend to full-time PhD students and (ii) Streamlining of its processes from admissions to evaluation of PhD dissertation. BITS has undertaken several initiatives to encourage, facilitate and incentivize faculty to seek and execute research grants.

BITS Pilani, K K Birla Goa Campus

The idyllic and sylvan beauty of Goa sets the right ambience for BITS Pilani, K.K. Birla Goa Campus, an Institute of excellence in Technology and Science. Nestling in the lap of verdant hills, overlooking the Zuari River, the campus is spread over an area of 180 acres. The location of campus is unique in the respect of scenic beauty and panoramic view of picturesque surroundings encompassing the river Zuari, hillocks, waterways, forests and landscape. The Campus is about 25 kms south of Panaji (capital of Goa), 10 kms west of Vasco-da-Gama, 22 kms north of Margao and 5.5 kms from the Goa airport, along National Highway 17B. The campus houses the main building, having academic and administrative offices, Visitor's Guest house, hostels for boys & girls, student activity centre, faculty & staff quarters, medical centre, playground and shopping complex.

BITS Pilani, K K Birla Goa campus was commissioned in August 2004 and was formally inaugurated by Honorable Prime Minister of India, Dr. Manmohan Singh on May 5, 2006. In keeping with the tradition of innovation and creativity, it has given a state-of-the art touch to the infrastructure of the entire institute without diminishing in the least, the natural beauty of Goa surrounding its campus. Spacious laboratories, state of art classrooms with soundproof acoustics, modern furniture, computer labs with Internet facility and library define the infrastructural pillars of the institution. Being fully residential, separate hostels are provided for girls and boys with single rooms. Prof. T. C. Goel was the first Director of Goa campus and continued till June 2008. Prof. K. E. Raman took over the office of the Director in July 2008. Late Dr. Sanjeev Kumar Aggarwal took over as Director for a brief period from August 2013 to January 2014.

http://www.bits-goa.ac.in

CHANCELLOR'S REPORT

Dr. Kumar Mangalam Birla

Let me begin with congratulating all of you who graduate today. This is indeed a milestone as you complete the first important leg of your journey through life. Today, you stand on the threshold of yet another journey. A voyage that will be marked by challenges and opportunities, adventures and at times misadventures, and triumphs ofcourse. I am sure that as the transition in your learning from academics to the journey of life begins, you will grapple with every situation in a responsible way. That whatever you have learnt here at BITS will give you to begin with, a firm toe hold in the real world.

Let me take this opportunity to briefly share a few of my thoughts on five key points.

The first thing I would like to dwell upon is about the need for continuous learning. The shelf life of knowledge is decreasing at an amazing pace. In your working life it will be imperative to educate yourself and renew your knowledge and skills many times over. A lot of this learning will ofcourse take place in the work environment and again a lot of knowledge can be acquired at a click of a mouse. Technology is a marvel today and accords you a staggering competitive advantage. You must learn how to leverage it. I believe, the ability to keep in step with the knowledge curve will be one of your greatest challenges and a key determinant of your professional success. So keep learning a fresh day in and day out.

The second point that I wish to make is that we live today in times of unprecedented opportunities. You have the leeway to choose what you wish to do, the kind of job you would like to do, the kind of life you would like to lead. You have to believe in the power of your dreams. Believe in yourselves. Be perseverant and passionate and imagine your future. Too many young people give up on their dreams and hang in on the zone of comfort. I have always believed that the quality of one's future is determined or limited by the quality of one's imagination.

It's not going to be as simple as it sounds, there will be hurdles to cross. You can either ride the current or be engulfed by it. It is up to you how to react. Being challenged in life is inevitable. Being defeated is optional. Look at failure as the crucible in which success is created, as a learning experience, as a process of trying out alternatives and eliminating them. So go ahead and carve out your future on the long road ahead.

The third point is, even as you dream about your future, dream of what you can do for others – how can you make a difference. The sense of a larger purpose creates a sense of energy that can be simply awesome. Today, we see the world grappling with a whole lot of social, economic, environmental and political issues. There are plenty of opportunities for you to engage in these areas, come out with new answers and lasting solutions. Thinking beyond oneself will be an extremely rewarding and soul lifting experience.

The fourth point is about character. It is character that defines you. Character is what you are when stripped of your visible achievements and successes, when everything is taken away. Character is built on rock solid values – honesty, integrity and compassion. Giving your best and striving to be the best that you can ever be. Character is what people remember you for when you finally walk away from your day jobs and hang up your boots, one day far into the future. Strength of character: it is what will define you throughout your life. So be men and women of impeccable character.

And the fifth point that I wish to stress is to give back to your alma mater. You've learnt the basics of business at this school. Basics that have created a platform for you to achieve your goals… fulfil your ambitions… reach the lofty heights you've imagined for yourself! And it has given you so much more than knowledge. It has prepared you for the real world. Your alma mater is where the seeds of your future have been sown. When you look back years later… you'll remember your time here as the 'best days of your life'! You'll feel nostalgic about it.

Hence, it is your duty to give back to BITS with a sense of gratitude. By giving time to share your knowledge and experiences with future students… by contributing monetarily to help deserving students who are short of funds or to enable BITS initiate development programs. And by helping enhance the reputation of your alma mater – you can do your school proud!

As you begin your journey into the real world, let me wish you all great success and happiness every step of the way in your personal and professional life.

VICE-CHANCELLOR'S REPORT

Prof. Bijendra Nath Jain

Chief Guest for the occasion, Padma Vibhushan Dr. R. Mashelkar, former Director General, CSIR, and President of Global Research Alliance, Members of Board of Governors, Members of the Senate, Faculty and Staff of Goa campus, the graduating Class of 2014, Ladies and Gentlemen: a very Good Morning to all of you.

It is a special honor for us to have Dr. R. Mashelkar as our Chief Guest for our convocation in Goa. We are deeply indebted to you, Dr. Mashelkar, for accepting our invitation to be the Chief Guest.

It is my proud privilege to welcome you to this happy occasion, Convocation 2014 in Goa, and to highlight the achievements of BITS Pilani, and its four campuses taken together. The report also brings out its future plans, and the challenges BITS Pilani faces going forward. Prof. Raman, Director of the Goa campus, will present a report that is specific to the Goa campus.

As you are aware, BITS Pilani offers undergraduate, post-graduate and PhD programmes in science, engineering, pharmacy, management and social sciences to over 11,500 students from its four campuses in Pilani, Goa, Hyderabad and Dubai. While today students in the undergraduate programmes account for nearly 88% of the student body, we expect the share of post-graduate and PhD students to grow from the current 12% to 22% by the year 2020. This change reflects our growing emphasis on pursuing an agenda for research that aims to grow the number of PhD students from the current figure of 732 to over 1600 by year 2020.

You are also aware, BITS Pilani was, in 2005, the first institution in India to conduct BITSAT, an online examination for undergraduate admission. But, more importantly, it has conducted

BITSAT every year for ten years without any disruption. This summer, nearly 160,000 students took the exam seeking admission to about 2200 seats in its 3 campuses in India. The exam, spread over 21 days, was conducted at 49 centers, including the ones in Srinagar and Agartala. This reflects our commitment to using technology to ensure our admissions process is fair, transparent, and environment-friendly.

You will be pleased to note that during the academic year 2013-14, 3310 students have graduated from BITS Pilani with an undergraduate or post-graduate degree. Of these over 559 will receive two degrees under the Dual-degree programme, an option that only BITS Pilani provides. An additional 58 students have graduated this year with a PhD. In the coming years, we expect these numbers to grow significantly. By year 2020, the number of students completing an undergraduate or post-graduate degree is expected to surpass 3,800, and those graduating with a PhD should exceed 200.

Thus far I have reported on programmes that we run for students who reside on our four campuses. You are aware of BITS Pilani's pioneering role in offering UG/PG programmes to over 20,000 industry professionals. Many of these are run in partnership with industrial organizations. This year, 4,800 industry professionals will graduate with a formal degree for the first time in their lives or will have upgraded their skills to keep up with a fast changing world. Going forward, the enrollment is expected to exceed 35,000 by 2020.

Invariably, and justifiably, BITS Pilani is ranked amongst the top 6 to 8 publicly or privately funded engineering institutions in India. Amongst universities, however, BITS Pilani's ranking has steadily improved from 21 in 2010 to 13 today. International ranking agency, QS, has ranked BITS Pilani at 90 amongst all universities in the 5 BRICS countries, and 14 within India. While that may not attract accolade for us, BITS Pilani ranks high on "citations per paper" and "reputation amongst employers", together with the IITs. Clearly, we cannot remain content with that. Based on benchmarking our performance on various parameters vis-à-vis other universities, we are now adopting best practices from elsewhere to climb newer heights.

Going forward, we aspire to be listed as one of India's top 3 research-led technical institutes by academic year 2015-16, and be counted by 2020-21 amongst the leading 25 technical universities in Asia. While that may seem like a tall order, we have begun work on a new set of big-ticket imperatives under project "Mission 2015" that will together enable our faculty and students to excel in teaching, research, innovation, entrepreneurship, and industry engagement. I will outline some of the projects we have completed last year. Later, I will

mention imperatives that we have begun to focus on since last year.

1. Our aggressive plan to recruit research-focused faculty continues to gain traction. In the last 3 years, we have made 325 offers to new faculty from a pool of nearly 27,000 applicants. I am glad to share that 75% of the offers we made were accepted. What is more, a significant number of them have doctoral or post-doctoral experience from the very best universities in India or abroad. Of those who have joined 3 are full professors and 5 foreign nationals. Going forward, we expect to be even more selective in recruiting faculty.

2. Our PhD programme and sponsored research projects are now feeding into each other's growth. Success in these two areas gives us the confidence that we are track to be recognized globally for our focus on research. While the number of PhD students has grown from 417 to 732 during 2010 to 2014, the number of sponsored R&D projects approved last year has grown from 41 to 85 and their worth from Rs. 6.52 Cr. to Rs. 15.87 Cr. in the corresponding period.

3. Our plans to upgrade the physical infrastructure are beginning to take shape across all our three Indian campuses. Project "Parivartan" in Pilani campus envisages very significant investment to expand or renovate housing for students and faculty and other academic areas. While similar projects for expanding our capacity in Hyderabad and Goa campuses are on the anvil, they are stuck due to delays in obtaining environment clearance.

4. In the year gone by, we have started off-campus degree programmes for industry professionals in partnership with 11 new organizations. In the coming weeks, we will conclude similar partnerships with several more. Be that as it may, we have engaged consulting firm, McKinsey, to help us understand new verticals for BITS Pilani to enter and thereby expand its footprint into growing industry segments, and to build within BITS Pilani an organization capable of responding effectively and with speed.

5. In May this year, we launched the new Centre for Research Excellence in Water, Waste, & Energy Management with projected investment of Rs. 12 Cr. over 6 yrs. The virtual centre has brought together faculty and students from across our four campuses and from different disciplines to collaborate and develop real solutions to real problems in areas relating to water, waste and energy management. To give impetus to inter-disciplinary research, we hope to shortly launch another centre for research in infectious diseases.

6. Over the last two years we have established "business incubators" in Hyderabad campus with investments by DST and BITS Pilani to house 14 companies in areas of

Health Sciences and Information Technology. The 11 companies incubated on the campus have involved 8 faculty members and have already raised Rs. 1.35 Cr. from angel investors. One of the startups uses technology for testing "antibiotic sensitivity of pathogens", developed by and transferred by BITS Pilani. Similarly, with support from Department of Electronics and Information Technology, an incubator has been established in Goa, while the one in Pilani has been upgraded.

7. With a view to improve quality of education and address concerns for faculty shortages, we have offered two courses on an experimental basis as MOOCs, or Massive Open Online Courses. Given the positive feedback from instructors and students, we have decided to offer many more MOOC courses to students enrolled in our on-campus and off-campus programmes. And to do so, we have entered into an agreement with edX as a contributing member. For India, as you know, this is a second such agreement. Going forward, while the world believes that open access to online courses is the future of education, we at BITS are convinced that courses offered to one's own students using this pedagogy but blended with instructor-led problem-solving sessions and lab work will address the fundamental constraint we face in India, viz. shortage of good quality faculty in universities, colleges, polytechnics and ITIs.

I will now turn my attention to the seven imperatives that we have taken up as part of Mission 2015. I will however speak about only two of them, which to my mind are game changers. The other imperatives are:

- Faculty and Staff development,
- Industry Engagement,
- Innovation and Entrepreneurship,
- Internationalization, and
- Inter-disciplinary research.

▪ "Technology enablement" is a game changer for us. Other than experiencing year-on-year increase in students taking the online BITSAT, we are reaping rich dividend in the form of conserving faculty time from the high-definition video-conferencing and classroom facilities we have across our campuses. Now that a full-scale implementation of ERP is nearing completion, we can see how ERP will impact transparency and speed in the way we do things. Going forward, we are on track to completely automate the process of recording and analyzing attendance in classes.For a country with a growing economy and growing aspirations, technology has to be at the core of expanding opportunities or improving quality of education. BITS Pilani aspires to be a leader in this area.

- Quality assessment and assurance should be, and is, central to what we do as an institution engaged in teaching and research. To do so, we are insisting that we collect and analyze feedback from students, faculty, industry partners, and employers, among others. And to do so we are putting in place a "data analytics" office which will produce reports periodically or on demand for the leadership to review. We are proposing to similarly track quality of research publications as reflected by the journals where our papers are published and by the number of citations for each paper. We are also exploring ways to increase engagement between students and faculty, or between faculty and industry.

Various projects or programmes currently under implementation, together with those proposed under Mission 2015, are part of a larger plan to grow the student body significantly over the next decade, while transforming BITS Pilani to become one of India's finest science and technology institution.

I must pause here and speak about the challenges that limit the growth of universities, particularly those that are independent, and not publicly funded. While there are many, I will focus on two challenges. These relate to (a) funds for creation of lab infrastructure to support research, and (b) rising costs of providing quality education and consequently rising tuition fees. I will suggest measures that the government may take in order to address these challenges.

As a country that dreams of double-digit economic growth, we will need to grow the enrolment in universities to more than 50 Million students from the current 26 Million. This is no trivial task. If it costs Rs. 5 Lakh to create capacity for a single seat in a higher educational institution, the investment required for the anticipated growth will be over Rs. 12 Trillion. Another Rs. 10 Trillion will be required to upgrade existing universities and colleges. The central question therefore is: how should we create high quality institutions of higher education in India, but do so at a scale that satisfies both the aspirations of the next generation as well as the needs of the economy.

Independent, privately-funded universities are an important part of the solution. Already, they play an important role, given that 64% of institutes of higher education in India are not publicly funded, and yet they enroll 59% of the students. Among these, many together with BITS Pilani stand out for their quality of education, especially in fields such as engineering, management or medicine. Even as we speak, many new universities, such as Ashoka University, Azim Premji University, are being established with private funding. These

institutions offer programmes not only in professional disciplines, but also in areas such as education or liberal arts that were previously ignored by the private sector. Going forward, large-scale participation by the private sector in higher education can and will become significant if and only if the government proactively encourages, facilitates and incentivizes independent initiatives.

Some of the required steps are clear. Clear procedures for land acquisition and for MoEF clearances will hasten the time required for establishing a new university. A proactive stance of regulators such as UGC and AICTE will allow development of innovative programmes. We, however, propose two major steps to empower private universities to increase capacity, while boosting quality so that they will be listed among the best in the world.

The first proposal is to boost funding for research in universities. Constant engagement with research is a key reason why the faculty members at IITs, IISc Bangalore or BITS Pilani are able to deliver high quality education. However, research output of most private universities is poor because of the enormous expense associated with establishing, maintaining and upgrading laboratories that support post-graduate education and research.

Investment in these facilities is difficult to recover, especially since students in Masters and PhD programmes rarely pay tuition fees. Instead, they expect stipend to be paid to them. While the central government has funds to create or rebuild government research labs, funding agencies have limited funds to disburse. Or they simply discriminate against private universities by insisting that they arrange for 50% of the required funds. Even when funding agencies grant research projects to both publicly and privately funded universities on a competitive basis, some agencies have ruled that overheads that pay for expenses such as electricity will no longer be provided to private universities. In contrast to the Indian situation, top private universities in the US such as MIT and Stanford University became research powerhouses by accessing public funds disbursed by NSF or NIH in the US, for instance. By offering equal access to public funds for research, the government will significantly boost quality of education and innovation at independent private universities.

The second proposal is for the government, both central and state, to offer a large number of scholarships which students can take to any public or private university. At many private universities, philanthropy supports the creation of new facilities and other one-time expenditures, but rarely pays for recurring expenditures. Tuition fees from students sustain year-on-year operations. In contrast, government institutions charge low fees precisely because they receive annual maintenance grants from the public exchequer.

This seriously disrupts the level-playing field between public and private institutions. Instead of directly supporting public universities, the government should consider financing students who study there but pay full tuition fee with scholarships. Thereby, students can choose the college that best fits their educational needs and interests, regardless of whether it is private or public.

While access and affordability of higher education appear limited at this time, we believe that a partnership between private initiative and government support suggested above would go a long way in satisfying student aspirations and building India's human capital.

Before I close, I would like my faculty and staff to join me in congratulating all our students who will be graduating today from Goa campus. To all those graduating today, I hope you were able to get the most of what BITS Pilani had to offer, and that you will use your knowledge and experience fruitfully to serve the people of this country and those elsewhere. I wish you all the very best in your lives, both professional and personal. And, as you move forward in your life, do reflect upon the many contributions that your family, your teachers, and your communities have made to your lives. Do remain connected with your alma mater and visit us whenever you yearn to re-live some of those precious moments at BITS Pilani. Congratulations, once again.

Dr. Mashelkar, thank you once again for agreeing to be with us at this very joyous moment. My faculty, staff and students are eagerly waiting to hear your convocation address.

I would also like to thank our Chancellor, Shri Kumar Mangalam Birla, and members of the Board of Governors for their unflinching support to BITS Pilani.

Last, but not the least, I want to thank my faculty and staff in Goa, and elsewhere, for their commitment to excel in every aspect of teaching and research, both inside and outside the classrooms. Their continued effort helps BITS Pilani retain its position as a top destination for students, faculty and recruiters in India.

Thank you for your attention.

Bijendra Nath Jain, Senior Professor & Vice Chancellor
Birla Institute of Technology and Science
Pilani | Dubai | Goa | Hyderabad

DIRECTOR'S REPORT

Prof. K. E. Raman

Chief Guest of today's Convocation at the BITS Pilani, KK Birla Goa campus, Padma Vibhushan Dr. Raghunath A. Mashelkar;   Vice Chancellor, Prof B.N.Jain; Members of the Board of Governors; Directors; Members of the Senate; distinguished guests present in the audience;   proud parents of the graduating students; students, faculty and staff of K K Birla Goa campus;   members of the press; and finally, those sitting in the audience about whom we are immensely proud of – BITSians graduating today from this campus ;

A warm welcome to one and all!

This year we have 670 of our students eligible to receive their degrees, 422 of them their first degree; 178 of them their first degree along with another degree under the dual degree scheme; 59 of them their higher degree; and 11 of them their PhD degree. In this batch, we have three medalists: Gold medal—Ms. Namita Paul, Silver medal - Mr. Bapat Shounak Vinayak and Bronze medal–Mr. Raul Ameya Ravindra.

Fifty years ago, the founder of this University, Padma Vibhushan Late Ganshyam Dasji Birla whose mural has been unveiled today by Dr. Mashelkar had said "What *do we propose to do here? We want to teach real science whether it is engineering, chemistry, humanities, physics or any other branch. We want to develop a scientific approach in Pilani, which means there would be no dogma. There will be a search for truth. What we propose to do here is to cultivate a scientific mind.*" while inaugurating the Institute at Pilani. His prophetic words have been the beacon light for all of us at BITS. During the five decades, BITS has achieved many goals and the building of the campus at Goa was one of them. Today we are completing ten years of the establishment of the Goa campus.

Goa campus is the dream-come-true of our respectful former Chancellor, Dr Krishna Kumar Birla, the son of the legendary Dr. Ghanshyam Das Birla. He was a successful industrialist, a

renowned philanthropist and an active Parliamentarian. When Dr. K. K. Birla decided to build campuses outside Pilani, Goa was his first choice. Known for his vision and meticulous planning, Dr. Birla saw to it that the campus came up with all the necessary infrastructure in two years time well before admitting the first batch of 600 students in August 2004.

Educational system

Sir, this fully residential campus which has been named after Dr. K K Birla has been built on an area of 180 acres with a capital investment of about 155 crores. 11 first degree programmes, 6 higher degree programmes and PhD programme are being offered from this campus. With an annual intake of 660 students, the campus has now a total strength of about 2800 students. We are now embarking upon an ambitious growth plan over the next 7 years, wherein the student population will almost be doubled with its focus on post graduate and research programmes.

Sir, you might be aware that, BITS has implemented all the educational reforms recommended by various commissions in the country right from the seventies. Notable among them are credit based system, transparent admission process, semester system, continuous and total internal evaluation, letter grading, academic flexibilities which include the well known dual degree scheme, by which BITS has provided a fillip to science education in the country, periodic revision of curriculum in tune with the needs of industry and practice-oriented learning apart from classroom teaching.

The last one that I have just mentioned, which is popularly known as BITS Practice School programme running for the past 4 decades is unique in this country wherein students are required to spend seven and a half months on projects in the industry. This programme is an integral part of the curriculum enabling our students to practice what they learn in the class rooms. Every semester, about 300 students of this campus are occupied in about 50 locations supervised by an equal number of faculty members. I am proud to share with you the fact that industry supports the students for this period by giving stipends.

As an alternative to Practice School, our students are encouraged to pursue their thesis work either at our research labs or in the prestigious institutions of national and international repute. Students of this campus have been carrying out their thesis work in IISc., TIFR, in India and IECR (Institute of Energy and Climate Research) Germany, University of Michigan USA, INRA France, Imperial College London, etc.

The telepresence facility established in January 2013 is extensively used for cross campus

meetings, discussions and also for offering courses. As of date 44 courses have been conducted across the campuses using this facility.

Research at BITS

Research at BITS is an integral activity that encompasses teaching and utilizes its linkages with the outside world of Academia and Industry. A large number of students from all the three-tiers are involved in research. In addition to Doctoral research, at the first degree level, a one-semester full-time, thesis-cum-seminar course and at the higher degree level, dissertation course offer excellent research opportunities to our students.

At present, the campus has 68 sponsored research projects (including 4 consultancy projects) worth Rs. 21.78 crores funded by various National and International funding agencies. Among these research projects, 25 projects worth Rs. 4.96 Crores have been approved during 2013-14, the funding agencies being CSIR, DST, DBT, Bill and Melinda Gates Foundation, UKIERI, GAIL, ICAR, UGC, ,BRNS, DRDO, BRFST, DSTE GOA and ICSSR.

Last year 3 patents were filed by our faculty members, 1 International PCT & 1 Indian patent by Prof. Sunil Bhand in the area of biosensors and 1 Indian application with claims by Prof. Dibakar Chakrabarty. A PCT international application of Prof. Bhand was published by WIPO on sensor chips.

Some of our significant ongoing research projects include:

The DBT BIRAC Bill & Melinda Gates foundation award to Prof. Srikanth Mutnuri for developing decentralized wastewater treatment system (Empowered septic tank) in association with Ghent University, Ghent, Belgium and Sustainable Biosolutions Pvt Ltd.

Prof Srinivas Krishnaswamy of the Department of Chemical Engineering has received joint funding from Bharat Petroleum R &D (BPCL) under Centre for High Technology (CHT) with a total outlay of Rs. 3.22 cores (of which BITS funding is 1.32.crores) in the area of "Experimental and Simulation studies on Coke mitigation in Petroleum Refinery systems"

Prof. Sunil Bhand of the Department of Chemistry has received a new funding from ICAR of Rs. 1.39 crores (BITS share Rs. 60 lakhs) for an interdisciplinary consortia Project with partners IIT Delhi and NDRI Karnal on imprinted polymers as sensors for antibiotic residues in milk. Prof. Bhand is nominated as expert member of DBT international bilateral collaboration committee in the area of Biosensors.

Significant achievers among the young faculty members were : Dr. T. Mondal, DST-Inspire fellow with a grant of 35 lakh in Chemistry, Dr. Karthikeyan with a grant of Rs. 21.21 lakhs and Dr. Rajaram Lakkaraju with a grant of Rs. 22 lakhs in Mechanical Engineering, Dr. Arnab Banerjee with a sanction of Rs 22.24 lakh in Biological Sciences, Dr. Subhadeep Banerjee Rs. 22.60 lakh in Chemistry and Dr. ES Kannan with a grant of Rs 22 lakhs in Physics.

Weather observatory, equipped with modern instrumentation facility, has been commissioned on 2nd May 2014 on Campus. The facility is being used for Wind resource Assessment, Solar Resource Assessment, Numerical Weather Prediction, and Development of Wind Atlas for the region. The weather data recorded will be available for extending research in the areas of impact of air pollution and water footprint for the region.

Departments of EEE and E&I, Mechanical Engg., Physics, and Mathematics have procured a comprehensive annual TAH License for MATLAB, 2014a and Simulink from MathWorks, USA. The tool boxes and capability of MATLAB and Simulink environment will be much useful for students and researchers in all Departments of the Institute.

Golden Jubilee Celebrations
A variety of events marked the Golden Jubilee Celebrations of BITS Pilani K.K. Birla Goa Campus. Over the past few months, there have been a number of academic, socio-cultural, technical and extracurricular activities organized to celebrate 50 glorious years of existence of BITS Pilani University .

Some of the prominent events included: a concert organized on Founder's Day by renowned Carnatic music vocalist and music composer, Bombay Jayashri; a scintillating talk by   Prof. Walter Lewin, Emeritus Professor of Physics at MIT, on "Birth and Death of Stars" together with demonstrations to explain some of the fundamentals of Physics on the 14th or March 2014;   a popular talk on the   Dynein motors by   Dr. Roop Mallik from Tata Institute of Fundamental Research(TIFR) and a Senior WELLCOME-DBT Fellow on 19th April, 2014.

The Department of Economics organized a series of Lectures to commemorate the Golden Jubilee of the University: Mr. Nitin Kantak, Vice President, Operations, Zuari Industries spoke on 'Fertilizer Industry: Problems and Prospects",   on 16th February 2014; Dr. Padmanabh Rataboli, Professor of Pharmacology spoke on "Lifestyle Diseases" on 22nd March 2014; Professor Karamjit Singh Gill, Professor Emeritus and Professor of Human

Centered Systems, University of Brighton and Professor in Cambridge University, delivered a Talk on "Artificial intelligence: Big Data, Internet of things and Beyond' on 25th March 2014. Competitions in Photography, Creative Writing, Short Story, T-Shirt Designing involving both students and faculty were also organized. A Memorial Run was organized in the memory of Late Director, Sanjeev K. Aggarwal on the 26th Janaury, 2014. Department Days were organized by Biology, Mathematics and Chemical Engineering Departments wherein exhibitions, poster presentations, demonstrations, invited talks, quiz competitions, etc., were organized and faculty and students from other schools and colleges also participated.

Achievements

Our faculty members have brought laurels to this campus through their academic and research endeavors:

As part of exchange visits within the UKIERI Indo –UK project, 2 faculty members (Prof NN Ghosh and Prof Sunil Bhand), 2 Ph.D. students (Shubhenjt Hazra and Souvik Pal) visited University of Leeds UK. Prof. Paul Millner and Dr. Tim Gibson from the University of Leeds along with a PhD student visited the campus.

Two faculty members were deputed on sabbatical to spend some time in reputed institutions in India and abroad to pursue their research interests. Dr. Radhika Vathsan spent 6 months from 17 June to 18 Dec. 2013 on sabbatical at Raman Research Institute, Bangalore wherein she worked with researchers from RRI Theory group and the Physics Department, Bangalore University.

Dr. Rashmi Chauhan was on sabbatical for a year from January 2013 to December, 2013. She worked with Prof. Kenneth J. Shea in the Department of Chemistry, University of California, Irvine, CA. Dr. Rashmi worked on plastic antibodies and used a library of twelve different synthetic polymer nanoparticles based on N-isopropylacylamide to develop a methodology to obtain the characteristic microarray signature patterns for different proteins.

Four faculty members from Goa campus were selected to attend the recently launched University Immersion and the Industry Immersion Programme: Prof. Dibakar Chakrabarty of the Biological Sciences Department visited the department of Anatomy at the National University of Singapore from 26 May to 7th June, 2014. He monitored several experiments on anti-cancer activities of snake venom components.

Prof. Meenal Kowshik from the Department of Biological Sciences, visited the University of

Missouri at Columbia from 20th May to 15th July, 2014.She gained experience in the area of green nanotechnology and chemosensitization of tumors.

Dr. Prasanna Kumar from the Department of Mathematics visited the Department of Mathematics and Statistics, Auburn University, Alabama, USA. He carried out collaborative research with Prof. N. K. Govil, on the topic 'Location of Zeros of Complex Polynomials and associated Lp Inequalities'.

Dr. Anasuya Ganguly, from the Department of Biological Sciences visited Sanakara Nethralaya this summer as part of the industry immersion program.

Dr. Anil Kumar Pundir, Assistant professor, Mathematics, visited the Department of Mathematics, IISC Banglaore during 24 May- 24 June 2014 for collaborative research work. This trip was sponsored by Indo-French Centre for Applied Mathematics (IFCAM).

Dr. Srikanth Mutnuri delivered two Key note lectures abroad: "Terra Preta as an Alternative for the Management of Sludge from Waste Water Treatment Plant" at the 1st International Terra Preta Conference at Hamburg University of Technology during 29 – 30 August 2013 and "Bioelectrochemical systems for nutrient recovery from wastewaters" at the 2nd Asia Pacific International Society of Microbial Electrochemistry and Technology Meeting held at National University of Singapore, Singapore during 21 -23 July 2014.

Dr. Ranjit S Patil, Mechanical Engineering, has been awarded INSA Visiting Scientist Fellowship 2014-2015 by the Government of India.

Work done by Dr. Rajaram Lakkaraju, Mechanical Engineering, on boiling phenomena featured as the front cover page article in April 2014 issue of the Journal of Fluid Mechanics, Cambridge University Press.

Mr. Swagat Kishor Mishra won a Scholarship amount 2070$ from Ecomod Network at the ECOMOD Network conference organized by the Department of Statistics, University of Singapore.

Dr. Utpal Roy was awarded the Certificate of Excellence in Reviewing by Elsevier and the Editors of the Journal Fungal Biology in June 2014.

10 faculty members from the Departments of Biological Sciences, Chemistry, Physics, Mathematics, CS & IS, Mechanical Engineering, and Economics participated in

international conferences in Australia, Canada, Malaysia, Portugal, Singapore, South Korea, Thailand and UK.

A number of conferences and workshops hosted at this campus during 2013 – 14 have enabled the students and faculty to network with experts from various fields and exchange ideas with them:

- Workshop on Employability Skills: Teachers and placement officers from various engineering institutions across India actively participated in the 3-day workshop on Innovative Pedagogies for Enhancing the Employability Skills of Students, organized by the Department of Humanities and Social Sciences, BITS Pilani, K K Birla Goa Campus. The participants were benefitted by the sessions on Verbal and Nonverbal communication, Small Talk, Job Interviews, Effective Presentations and Group Discussions.
- TSICON 2013: The 3rd Annual Conference of the Toxinological Society of India (TSI) and 1st International Conference on "Biology of Natural Toxins" by the Department of Biology was inaugurated by Prof. Alan Harvey, Professor of Pharmacology, University of Strathclyde, on 19th December, 2013.
- Advanced Workshop on Mathematical Foundation of Advanced Finite Element Methods (MFAFEM-2013) by the Department of Mathematics in collaboration with National Mathematics Initiative (NMI), National Board for higher mathematics (NBHM) and National Programme on Differential Equations: Theory, Computation and Applications (NPDE-TCA), IIT Bombay, during 26 December 2013- 03 January 2014.
- AICTE sponsored National winter school on Industrial Applications of Mechatronics by the Department of mechanical Engineering in collaboration with Agnel Polytechnic, Verna, Goa to provide quality training to the faculty in the area of Mechatronics, during the 2- week Winter School .
- tiNaiEcofilm Festival (TEFF) 2014 by the Department of Humanities and Social Sciences was inaugurated by Alan Olivier, Director, Quebec Bureau, Mumbai and Mathieu Roy , eminent film maker from Canada during 31 January-01 February 2014.
- INDO- UK International Workshop on Advanced Materials and Their Applications in Nanotechnology (AMAN 2014) by the Department of Chemistry jointly with the University of Leeds, UK during 17- 19 May 2014 as a part of the Indo-UK project sponsored by DST-UKIERI. The workshop covered a wide range of interdisciplinary and cutting edge research topics related to advanced materials

and their applications in nano technology.

- DST sponsored Indo-Chile Workshop on Big Data was organized by the Departments of Computer Science & Information Systems at Pilani and Goa campuses during 04-06 June 2014.

CEL

The Center for Entrepreneurial Leadership [CEL] hosted an entrepreneurship conference, *ACT2014* on 19th April 2014. *S*ome of the prominent speakers were Shaheen Mistry, Founder, Teach For India; Kunal Shah, Founder, Freecharge.in; Ritesh Agarwal , Theil Fellow and Founder of Oravel; Sachin Gupta Founder, HackerEarth.

CEL in association with the Department of Information Technology, Government of India established a Technology Business Incubator [TBI] under the TIDE scheme in the area of Electronics and ICT in March2013. One of its ventures *Cubito.in* is successfully running its transport business in Bangalore with a current valuation of $ 1 million. Another start up *Brainbought* received a valuation offer of Rs 30 lacs. *Sattva* working on fetal ECG monitor device has received Rs 10 lacs from the BITS 75 trust. The team of *Sustainable solutions* is engaged in a Bill & Melinda Gates foundation funded project while *Knowledge ashram* is working with WILP to improve educational technology.

CEL launched the work-from-home Winter Internships in Startups in December 2013 to add to the existing Summer startup program. The Centre is also active in the area of social entrepreneurship. The Goa Chapter of *Enactus*, an international NGO, has been set up on campus and is currently running project *Sahara*. As a part of this local artisans are assisted in design and market outreach. The CEL Rural Entrepreneurship division obtained a market order to supply Gel Wax candles to support local slum dweller SHGs and also helped with initial finance for meeting the order. The *New venture creation* course, a flagship course to encourage start ups from BITS Pilani, started as a BITS Spark initiative, is being coordinated from Goa campus.

Collaborations

The Institute has collaborative arrangements with several foreign universities in order to promote joint research activities and the exchange of faculty, students and published material. Notable among them is the Uniformed Services University of Health Sciences, Bethesda, Maryland, USA, Laboratoire de Biotechnologie de l'Environnement, INRA, Narbonne, France, Helmholtz Centre for Environmental Research, Leipzig, Germany and Cypress Semiconductors, California, USA.

A Memorandum of Understanding was signed between BITS Pilani, K K Birla Goa Campus and Indian Naval Academy, Ezhimala, Kerala on 19 March 2014 which broadly emphasizes faculty development through exchange of know-how, expertise, knowledge and participation in events organized by BITS and INA, including research programs offered by Department of EEE and E&I and Department of Mechanical Engineering.

A Five-year Memorandum of understanding between BITS Pilani, K K Birla Goa Campus and the Goa state pollution control board (GSPCB) was signed on 5 June 2014 to foster collaboration between the two organizations to promote academic interaction. Under this MoU, BITS will design and operate educational programmes to meet the learning and development needs of GSPCB leading to specific degrees of BITS through its work-integrated learning programmes. The educational programmes will offer GSPCB employees an opportunity to enhance their academic qualification and synergize theory with practice on a sustained basis. BITS students and staff will work with GSPCB on pressing issues like hazardous waste, sewage treatment and effluent treatment etc.

Collaboration with Hitachi India Pvt Ltd was established for developing Chemical oxygen demand method for sea water samples, with Oil and Natural gas corporations for carbon dioxide sequestration.

An MOU has also been signed for consultancy worth Rs. 6,00,000/- with R.D. Aga Research Technology and Innovation Centre of Thermax Limited, Pune for " Studies on 2 phase nozzle system (Nozzle system) and assistance in the generic design of novel Sequential Batch reactor (SBR). Besides these, MoUs were also signed with M/s Kurade Agro Goa and Bharat Petroleum Corporation Limited.

Our students have always enjoyed a pride of place in our success by winning honors in various spheres. Often we find number of students opting for internships abroad (France, Germany, and USA) out of their own initiatives during the summer of their third year. They participate in various competitions and win accolades for the campus. Our research scholars too have received a number of awards and scholarships. Some of the achievements for the year 2013-14 are:

Mr. Kabilan Mani, Research Scholar in the Biological Sciences Department working under the supervision of Dr. Judith Braganca has been awarded the Raman – Charpak Fellowship 2014 by the Centre Franco-Indien pour la Promotion de la Recherché Avancee (CEFIPRA) for Doctoral students at the University of Clermont-Ferrand, France.

Ms. Ketaki Deshmukh, Research Scholar at the Department of Biological Scienecs working under the supervision of Dr. Meenal Kowshik, has been awarded the Fulbright-Nehru Doctoral Research Fellowship 2014 to work on Radiology and Cancer Nanotechnology at the University of Missouri, Columbia, USA.

Mr. Meghanath Prabhu, Research scholar of the Department of Biological Sciences pursuinghis PhD with Dr. Srikanth Mutnuri attended the Indo-German Center for sustainability (IGCS) Summer school-2013 at RWTH Aachen University, Aachen Germany from 30th June to 14th July 2013.

Atul Sharma (2012PHXP407G), Senior Research Fellow at the Department of Chemistry has been awarded Erasmus Mundus Ph.D. fellowship of the European Union under the program EUPHRATES to work jointly under Prof. Sunil Bhand and Prof. Marty of France.

Tarun Khanna (2009B2A4573G) a student of Chemistry and Mechanical Engineering has been awarded "Marie Curie PhD position" at Imperial College London starting this October. Mr. Ujash Shah (2012A4PS134G) a student of Mechanical Engineering is selected for ASME Power Division Scholarship ($3000). Mr. Ashish Behera (2010A8PS350G) a student of Electronics and Instrumentation has secured All India Rank 1 in GATE 2014 (Instrumentation Engineering).

Sanskriti Dawle and Aman Srivastava initiated an innovative project "Project Mudra"–a Braille Dicta-teacher. A user has to say a letter / number and the tactile interface denotes the corresponding Braille character. It works in two modes: browse and auto. Mudra aims to be a low cost Braille learning device and Sanskriti and Aman are now in the process of testing the device to check whether it can be produced at a mass scale.

51 BITSians have been selected for the Google Summer of Code (GSoC) this year. These students represent different BITS Pilani campuses with the largest cohort being selected from the Goa campus (30), followed by Pilani (18) and Hyderabad (3). The achievement is a testimony to the quality of BITS Pilani students recognized by the industry. GSoC statistics published by Google feature BITS Pilani at No. 10 on the list of top institutes worldwide (2005-2012). The Google Summer of Code (GSoC) is an annual program where Google awards stipends of US$5500 to all students who successfully complete a requested free and open-source software coding project during the summer. The 'Google' tag attracts tremendous participation from students across the globe and being part of GSoC in college is prestigious.

Apart from their scholastic records, students of Goa campus are actively involved in various extracurricular activities: Three festivals, namely, Waves (cultural), Quark (Techno-management) and Spree (Sports) all were organized by students at the All-India level with a host of interesting and challenging events. They also demonstrate their sensitivity to the needs of the society by organising social service activities through two forums, Nirman and Abhigyan. The TEDxBITS Goa event organized by our students for the successive fourth time during the techno-management festival Quark presented an extraordinary range of awe inspiring stories from the most fascinating and extraordinary individuals who enthralled and encouraged the audience to participate, promote and propagate.

All such achievements of our faculty and students, we hope would go a long way in fulfilling our mission of achieving the first position among Indian universities in the near future. I must personally acknowledge the contribution made by Late Prof. Sanjeev Kumar Aggarwal during this year.

Sir, as envisioned by our Vice Chancellor and presented in his address, BITS is gearing up to meet new challenges with an ambitious growth plan for the coming years increasing the student population by about 2000, with more emphasis on higher degree and PhD programmes. We are quite sure of our success under the dynamic leadership of our Chancellor Dr. Kumar Mangalam Birla and with the active support from our faculty members, staff and students.

My best wishes to all the graduating students. Thank you.

INTRODUCTION TO THE CHIEF GUEST

Dr. Raghunath Anant Mashelkar, FRS
National Research Professor,
National Chemical Laboratory, Pune

Dr. Raghunath Anant Mashelkar, former Director General of the Council of Scientific & Industrial Research (CSIR), was born on 1 January 1943 in Mashel, Goa. He earned his B Chem Engg degree (1966) from UDCT (now University Institute of Chemical Technology, UICT), after which he obtained his PhD (1969) from the University of Bombay. He studied and worked in the UK, (1969-76), first as Leverhulme Research Fellow and later as Lecturer in the Chemical Engineering Department at the University of Salford. On returning to India in 1976, Dr Mashelkar joined the National Chemical Laboratory (NCL), Pune and later went on to become its Director (1989-95). In 1995, he took over as the Director General of CSIR and held this position till his retirement in 2006. Dr. Mashelkar is also the former President of the Indian National Science Academy and the UK Institution of Chemical Engineers (2007–08)

Dr. Mashelkar has made path breaking scientific contributions in transport phenomena and in thermodynamics of swelling, super swelling and shrinking polymers, modeling of polymerization reactors, and engineering analysis of non-Newtonian flows. Dr. Mashelkar also created a polymer science and engineering division in NCL, rated as world class today. He has 240 research publications and has edited / authored 22 books in the field of Chemical Engineering and allied areas. He has 28 patents to his credit.

Dr Mashelkar has been propagating a culture of innovation and balanced intellectual property rights regime for over a decade. It was through his sustained and visionary campaign that growing awareness of Intellectual Property Rights (IPR) has dawned on Indian academics, researches and corporates. He spearheaded the successful challenge to

the US patent on the use of turmeric for wound healing and also the patent on Basmati rice. These landmark cases have set up new paradigms in the protection of India's traditional knowledge base, besides leading to the setting up of India's first Traditional Knowledge Digital Library (TKDL).

Dr Mashelkar is the recipient of number of awards and honours which include: Shanti Swarup Bhatnagar Prize (1982); Pandit Jawaharlal Nehru Technology Award (1991); Padma Shri (1991); GD Birla Scientific Research Award (1993); Padma Bhushan (2000); Viswakarma Medal (1988), Shanti Swarup Bhatnagar Medal (2001) and Padma Vibhushan (2014).

CONVOCATION ADDRESS

It is a special privilege and an honour to deliver the Convocation address of this centre of excellence in education and research. I have admired its journey from a Patshala with one teacher in 1901, to a high school, to an intermediate college to a degree college to Birla Institute of Technology & Science, a top class institution, with many firsts to its credit, from first practice school to first overseas campus. An academic institution is known for its ambition and ambience. You have both here. It is also known by its excellence and relevance. Again, you have both here. So I greatly appreciate this opportunity to speak to my young friends here, who are going to be the builders of future India.

I begin my address by quoting the statement of Shri Kumar Mangalam Birla, the Chancellor of our University. He had said something very meaningful.

"What is it that can empower our nation? The most obvious answer is education. Education that enhances livelihoods but also education that is value-based. Education that gives roots and gives wings as well."

Let me cite a recent incidence to substantiate this statement. There was a discussion on what is possibly the most powerful equation that was ever developed by scientists. Someone said that it was the equation describing Newton's second law, giving the relationship between force (F), mass (m) and acceleration (a), namely, **F = ma**. Someone else said that it is Einstein's equation linking Energy (E) to mass (m) and the velocity of light (c), namely, $E = mc^2$. The others came out with some other suggestions.

Then they asked me as to what I thought. I said neither Newton nor Einstein. The most powerful equation is **E = F**. Here **E** is Education and **F** is Future! This means education is equal to the future. This equation is universal and eternal. If there is no education, there is no future. No future for the individual, no future for the nation.

Well, you will say you are a scientist. And a scientist has to prove the equation that he proposes. So I will give you the proof.

3rd October 2011 was a very important day. American Academy of Arts & Science in USA honoured the elected fellows of the academy by admitting them in a formal function. This academy, which was established in 1780 has 200 plus Nobel Laureates as its fellows. Great personalities from Winston Churchill to Charles Darwin, from Einstein to Nelson Mandela,

have been elected as its fellows. You might ask as to how many Indians have been elected as fellows. The answer is, just seven so far. Interestingly, the 6th and 7th fellows signed the book of the academy, where all these legendary figures have put their signatures. Do you know who was the 6th? It was none other than Ratan Tata. Do you know who was the 7th? It was myself, Raghunath Mashelkar. Interestingly, both of us signed on the same page one after the other. To me this is the proof of the equation E=F. You might ask how?

Well, as most of you know, I was born in Mashel in a very poor family and life was a big struggle when my mother brought me up in Mumbai under the most adverse conditions, where two meals a day was a challenge. Although I stood 11th among 1,35,000 students in SSC Examination of the Maharashtra State Board, I decided not to study further, but work, because my poor mother could not support my higher education. But it was the scholarship of Rs.60/- per month that the Sir Dorabji Trust gave me for six years that helped me to do my higher studies.

I used to go to Bombay House, where the Tata Group has its offices to collect my Tata scholarship. In 1960, if somebody had said that fifty years down the line, the head of the family of Tatas and myself will sign in the same book on the same page at the same time, I would not have believed it. But this became possible because of the power of the equation E=F. I got my future through the education that the Tata scholarship made possible.

So my young friends, the very first message that I want to deliver is that education is the key to your future and education is not merely learning, it is all about learning, doing and being. The being part of it is very very important, since it deals with your being an active participant in the society, in building the society.

Goa recognizes the importance of education in building the future of Goa. I had the privilege of chairing the Goa Golden Jubilee Development Council (GGJDC), which brought out the report 'Goa-2035: Vision and Road Map". You will all recollect the seven point agenda we had set up for Goa. One of them was 'Suvidya or Knowledge Centric, Enlightened Goa', where we had said:

"In addition to the numbers, it is important to promote quality in education. Keeping in view the national policy that each state should have a high quality institution of learning, GGJDC recommends that the state pursue setting up an Indian Institute of Science Education and Research (IISER), an Indian Institute of Technology (IIT), and Indian Institute of Management (IIM) in Goa. Such institutions will help to evolve Goa into an educational hub."

I am happy to see that the Central Government has already announced that Goa will have an Indian Institute of Technology. This is in line with the implementation of GGJDC recommendation. I will like to congratulate our dynamic and visionary Chief Minister for making this happen. I hope the other recommendations on making Goa a great education hub will also be implemented.

You will be stepping out of the portal of this great institute today in a world that is full of opportunities. India today is not just being looked at as a third world country – it is being looked at as potentially a third most powerful country in the world. My young friends, it is going to be your responsibility to build the future of our beloved nation.

And what is going to be our future? President Obama had once said that the currency for the 21st century will be education and innovation. I will go further and say that what we need most now is education in innovation and innovation in education. And India needs it the most.

These are very interesting times for education system as a whole in India. First, the Indian system of education is undergoing a sudden massive expansion. The role of private sector in education is being redefined because of the additional need for massive resources that will be required to fulfill the aspirations.

Second, the liberalization of education sector in India. On 24 July 1991, the new industrial policy was announced. That gave us the second freedom, the freedom to compete. Although the trade and industry was liberalized on this day, the process of liberating India's education and agriculture sector has not still been completed.

Third, the globalization of education. As regards globalization of technology it has manifested itself in India. Practically all the leading multinational companies have set up their R&D Centres in India (almost 800 of them now employing about 200,000 Indian scientists, engineers and technologists). But what about globalization of Indian education? Indian companies are acquiring companies abroad. In fact, Ratan Tata, an Indian, is today the biggest employer of British in Britain with the acquisition of Corus, Jaguar Land Rover, and so on. What about Indian universities setting up campuses abroad? What about Indian universities hiring foreign academics as faculty? What about foreign students making a bee line for our universities?

Fourth, the issue of moving from 'right to education' to 'right education', to 'education for all'. It translates itself into an all round inclusion of `have nots', where this section of the excluded

society gets an access to high quality education, that is "affordable and accessible". The justifiable quest for `inclusion' is also accompanied by the challenge of balancing `expansion, inclusion and excellence'.

For teaming young Indians, the issue of `growth' translates into `job led growth'. And therefore, education and skills that Indian education systems impact must lead to tens of millions of jobs. And the news is not good on this front. Reportedly, we are producing over three million first degree holders annually and less than 20% of these are employable!

Fifth, innovation in education. Among other things, it involves the creative use of the fascinating advances in technology to do away with the old style classroom teaching, which is going to be a history.

Look at the dramatic changes that are happening around us due to advances in Information & Communication Technology. Digitisation, virtualisation, mobilization and personalization are the four new megatrends. All these will lead to game changing cocreative, self-organising, self correcting, borderless, globally distributed, asynchronous, dynamic and open systems. Data, voice and video will be delivered with the already existing 3G and the imminent arrival of 4G in India. The processes of self learning, interactive learning and life long learning will undergo a sea change with all these paradigm shifts.

The years 2011-2020 have been declared as the Indian Decade of Innovation. And in this Indian decade of innovation in the area of education, what pledge should we take. I suggest the following five points:

- We will make a transition from being a weak and hesitant private sector partner to a strong practitioner of privately managed non-profit institutions of higher education.
- We will do away from being a tentative destination for occasional foreign students to be a preferred global destination for foreign students.
- We will move from minor follower and a player in research and innovation to a global leader and a giant in research and innovation.
- We will be a confident and competitive intellectual property promoter rather than being protective and restrictive intellectual property practitioner.
- Instead of being copier of 'best' practices in education and research, we will become the creator of 'next' practices in education and research.

And it is these paradigm shifts in our attitudes and in our actions that will make the dream of creating India into a leading developed innovation nation come true, and that too sooner rather than later.

Dr. Raghunath Anant Mashelkar

LIST OF STUDENTS WHO ARE AWARDED MEDALS

Sl. No	Name and ID No. Photograph	CGPA obtained	Position obtained	Type of Medal to be awarded
1	NAMITA PAUL 2010A3PS060G	9.89	FIRST	GOLD
2	BAPAT SHOUNAK VINAYAK 2010A4TS472G	9.88	SECOND	SILVER
3	RAUL AMEYA RAVINDRA 2010A7PS334G	9.69	THIRD	BRONZE

GRADUATION DATA (74th and 75th AWARD)
BITS Pilani, K K Birla Goa Campus
CONVOCATION 2014

S. No.	Programmes	B.E./B.Pharm. (Hons.)	M.Sc. (Hons.)	M.Sc. (Tech.)	H.D	Ph.D.	Total
First Degrees							
1.	Chemical Engineering	88	-	-	-	-	88
2.	Electrical & Electronics Engineering	111	-	-	-	-	111
3.	Electronics & Instrumentation	114				-	114
4.	Mechanical Engineering	118	-	-	-	-	118
5.	Computer Science	123	-	-	-	-	123
6.	Information Systems	-	-	47	-	-	47
7.	Biological Sciences	-	36	-	-	-	36
8.	Chemistry	-	27	-	-	-	27
9.	Economics	-	44	-	-	-	44
10.	Mathematics	-	42	-	-	-	42
11.	Physics	-	30	-	-	-	30
Higher Degrees							
1.	M.E.Biotechnology	-	-	-	12	-	12
2.	M.E. Chemical	-	-	-	10	-	10
3.	M.E. Embedded Systems	-	-	-	8	-	8
4.	M.E. Software Systems	-	-	-	9	-	9
5.	M.E. Design Engineering	-	-	-	10	-	10
6.	M.E. Microelectronics				8	-	8
PHD						11	11
	Total	554	179	47	57	11	848

74th and 75thAward

CONVOCATION - 2014
3rd August, 2014

LIST OF STUDENTS RECOMMENDED FOR CONFERMENT OF VARIOUS DEGREES
BITS PILANI, K K BIRLA GOA CAMPUS

DOCTOR OF PHILOSOPHY

SRNO	IDNO	NAME
1.	2007PHXF410G	DILLIP KUMAR MOHANTY
2.	2004PHXF450G	VARINDER SINGH
3.	2005PHXF428G	RAGHAVENDRA G S
4.	2007PHXF446G	DESAI VILAS SHIVAJI
5.	2008PHXF027G	MANISHA DIXIT
6.	2008PHXF028G	MOHD. RAEESH SHEKH
7.	2010PHXF438G	RAJPUT AMIT BALSING
8.	2004PHXF446G	CHAUDHARI VIKAS VINAYAK
9.	2007PHXF414G	NITIN SHARMA
10.	2007PHXF445G	AGA ZUBEDA BI HAIDER
11.	2010PHXF439G	LIZY KANUNGO

HIGHER DEGREE PROGRAMMES

M.E.(Biotechnology)

12.	2011PH29011G	SUBHADRA DALWANI
13.	2012H129001G	RAMESH BISHNOI
14.	2012H129003G	KRITTIKA NANDY
15.	2012H129006G	SHIKHA AGGARWAL
16.	2012H129007G	SUDHAKAR MALVIKA V. K. MALLIKA
17.	2012H129009G	GARIMA SINGH
18.	2012H129010G	SHREYA SUSHIL KATIYAR
19.	2012H129011G	NIRGUDE SNEHAL DINKAR
20.	2012H129012G	PABLA IRAZ
21.	2012K129002G	BHATT VIRAL A
22.	2012K129005G	MANISH KUMAR MISHRA
23.	2012K129008G	SUKRITA SARASWAT

M.E.(Chemical)

24.	2012H101013G	PATIL VIJAYA DEVGONDA
25.	2012H101014G	B SIVA NARAYAN
26.	2012H101015G	PEMMANA HANUMANTHA REDDY
27.	2012H101016G	BOKADE SAMPADA SURESH VARSHA
28.	2012H101017G	KULKARNI PRANAV PRAKASH
29.	2012H101018G	D SATISH KUMAR
30.	2012H101019G	MAYANK GAUTAM

31.	2012H101020G	DURGADEVI A
32.	2012H101021G	SHASHANK WANKHADE
33.	2012H101022G	VISHAL SOPANRAO VALSE

M.E.(Embedded Systems)

34.	2012H140037G	SHAH TRUSIT SANDIPBHAI
35.	2012H140039G	DIVYA VIPIN
36.	2012K140034G	THAKKAR NIRAV BHARATKUMAR
37.	2012K140035G	PAWAR AJIT ASHOKRAO
38.	2012K140036G	VISSAPRAGADA SURYA SAVARNI KUMAR
39.	2012K140038G	KULKARNI AMEY SHRIKANT
40.	2012K140040G	SAKSHAM SONI
41.	2012K140041G	SHAHID IQBAL

M.E.(Software Systems)

42.	2009HS12191G	NEETHU BAL MALLYA
43.	2012H112054G	SHWETA RAVINDRABHAI AGRAWAL
44.	2012H112055G	DESAI MAYANKKUMAR KAMLESHBHAI
45.	2012H112060G	OMANWAR ROHIT DEVANAND
46.	2012K112053G	VAISHALI SONI
47.	2012K112056G	RAVAL HARSHIL HARSHADBHAI
48.	2012K112057G	ARUN SARDANA
49.	2012K112058G	JADALA PRUTHVI RAJ
50.	2012K112061G	CHANDAN KUMAR SINGH
51.	2012K112062G	BHADESHIA VIJAYKUMAR JAYSUKHBHAI

M.E.(Design Engineering)

52.	2009HS41111G	ANURAAG RAMESH
53.	2012H141024G	G U VISHNU
54.	2012H141028G	DANEKAR YOGESH SHANKARRAO
55.	2012H141029G	SHINDE VIKRAM NIVRUTTI USHATAI
56.	2012H141030G	BHARATH K BHAT
57.	2012H141031G	YOGESH ANIL JOSHI
58.	2012H141032G	SHASHANK ALIAS AVINASH HONALI
59.	2012H141033G	SAWANTMORYE KHEMRAJ SURYAKANT SARITA
60.	2012K141025G	MADAMSHETTY VAIBHAV
61.	2012K141026G	DESHPANDE TEJAS ASHUTOSH
62.	2012K141027G	ATHILKAR OMPRAKASH MOHAN

M.E.(Microelectronics)

| 63. | 2012H123042G | CHAUDHARI ABHIJIT PRADIP |
| 64. | 2012H123048G | RAMESH RAGHU |

65.	2012K123043G	PABANI KELVIN ASHOKBHAI
66.	2012K123045G	SHETH VITRAG KETANBHAI
67.	2012K123046G	NIRNEYA GUPTA
68.	2012K123049G	NEHA PACHAURI
69.	2012K123050G	ROHRA MALTI NARAINDAS
70.	2012K123051G	PRADEEP JOY

FIRST DEGREE PROGRAMMES

B.E.(Hons.) Chemical

71.	2008A1PS388G	PULKIT GOEL
72.	2009A1PS902G	BHAVYA GOYAL
73.	2010A1PS022G	GEETANSH GUPTA
74.	2010A1PS057G	HARSHIT BUDHOLIYA
75.	2010A1PS244G	PATIL PRATIK SANJAY
76.	2010A1PS253G	NIKHIL OJHA
77.	2010A1PS299G	MISNA SAMEER
78.	2010A1PS304G	LAHANE SHRUTI BHAGWAN
79.	2010A1PS314G	VATIKA
80.	2010A1PS356G	VIJAYVARGIYA ROHIT NARESH
81.	2010A1PS361G	RAWAT AMAN KAMALSINGH
82.	2010A1PS382G	MD AMEER KHAN
83.	2010A1PS386G	PROBAL GUHA
84.	2010A1PS391G	DIVESH AGRAWAL
85.	2010A1PS394G	ASHWIN NAIR
86.	2010A1PS398G	RATHOD ANUSHREE NITIN
87.	2010A1PS399G	BEENAPREET KAUR SINGH
88.	2010A1PS400G	KANISHK GOHIL
89.	2010A1PS403G	KALYANE SHREENATH MAHADEV
90.	2010A1PS404G	AVHAD AMEY ANIL
91.	2010A1PS406G	ANISHA SURESH PAWAR
92.	2010A1PS408G	ANIT AGRAWAL
93.	2010A1PS412G	MULE VENKATA PRASADA REDDY
94.	2010A1PS415G	ABHISHEK SINGH RAJAWAT
95.	2010A1PS418G	NEH VIVEK KOVALE
96.	2010A1PS420G	MANUVARTHI GEETANVESH
97.	2010A1PS425G	MANAS SRIVASTAVA
98.	2010A1PS427G	A CHANDRASEKAR
99.	2010A1PS432G	VIVEK MATHEWS
100.	2010A1PS437G	ARNAV BHATTACHARYA
101.	2010A1PS439G	ABHILASH SAKSENA
102.	2010A1PS447G	ARJITA KULSHRESHTHA
103.	2010A1PS449G	ANNAPARTHI SURENDRA KUMAR
104.	2010A1PS450G	TUSHAR KHANDELWAL
105.	2010A1PS456G	SAI SRICHARAN REDDY P B

106.	2010A1PS458G	JYOTSNA MISHRA
107.	2010A1PS464G	MOHIT DAK
108.	2010A1PS468G	ATANU KUNDU
109.	2010A1PS475G	JUNNARKAR SAAILI MANOJ
110.	2010A1PS481G	MAYANK JAIN
111.	2010A1PS486G	ROHAN HANDA
112.	2010A1PS501G	MANVEER SINGH GUPTA
113.	2010A1PS502G	YASH AVANISH BAGANI
114.	2010A1PS505G	RIT PRATIK MISHRA
115.	2010A1PS510G	RAJAT SODHI
116.	2010A1PS512G	R MANI SRAVANI
117.	2010A1PS515G	AVI AGARWAL
118.	2010A1PS516G	SOUVIK KARMAKAR
119.	2010A1PS523G	RAKSHIT VERMA
120.	2010A1PS524G	MODI DHRUV VIKRAM
121.	2010A1PS594G	FERNANDES SEAN BAPTIST
122.	2010A1PS604G	EVANI ROUTRAY
123.	2010A1TS455G	DEEPANSHU MEHNDIRATTA
124.	2010A1TS433G	MALAVIKA G
125.	2010A1TS457G	SIDDHARTH DESHPANDE
126.	2010A1TS628G	ROHIT SHANKAR
127.	2008B1A1449G	SINGAREDDY SOMA SEKHARA REDDY
128.	2008B1A1678G	B V S MOURYA
129.	2008B1A1680G	KUNCHAPARTHI VAMSI
130.	2009B1A1186G	NAPHADE ARCHANA ASHOK
131.	2009B1A1270G	ANKIT JAIN
132.	2009B1A1394G	NIKHIL MANDALIKA
133.	2009B1A1395G	SHASHI BHUSHAN
134.	2009B1A1402G	P RAGHAVENDRA
135.	2009B1A1601G	M NAVEENA
136.	2009B1A1637G	ABHISHEK ARUN
137.	2008B2A1415G	EMANI AKHIL RAGHUNATH
138.	2008B2A1668G	LAKSHMI V CHAITANYA NEKKANTI
139.	2008B2A1050G	PRITAM KUMAR SINGH
140.	2009B2A1295G	PRANAV NALAWADE
141.	2009B2A1309G	AYEESHA KHANNA
142.	2009B2A1415G	VANGA MOHAN KRISHNA
143.	2009B2A1561G	NEHAL BHATIA
144.	2009B2A1565G	GOUNI PRUTHVI
145.	2008B3A1418G	D VENKATA SAI KRISHNAHAREESH
146.	2008B3A1662G	THENTU SAI KISHEN
147.	2009B3A1288G	JAYANTI HARISH
148.	2008B4A1401G	KANCHERLA SAITEJA
149.	2008B4A1665G	ABHINAV GUPTA
150.	2007B4A1405G	PALAGIRI YESWANTH REDDY
151.	2009B4A1323G	AMULYA N

152.	2009B4A1530G	RAYAVARAPU SAI SRIHARSHA
153.	2009B4A1550G	JAYANTHI HARIKA
154.	2009B4A1587G	CHITRE SAGAR SANDIP
155.	2008B5A1463G	SAPRE KAUSHAL AJAY
156.	2009B5A1406G	MALTUMKAR DEEPAK RAJ
157.	2009B5A1447G	UTKARSH CHOUDHARY
158.	2009B5A1471G	APOORV BHARDWAJ

B.E.(Hons.) Electrical and Electronics Engineering

159.	2010A3PS206G	MACHINENI PRAVEEN
160.	2010A3PS005G	JOSHI AMEYA ANANT
161.	2010A3PS014G	SHASHANK SUBRAMANYA
162.	2010A3PS018G	KARLEKAR MANDAR PRAMOD
163.	2010A3PS019G	AKHADE AKHILESH RAMCHANDRA
164.	2010A3PS020G	ANGAD SINGH SEHDEV
165.	2010A3PS025G	BHAGAM GURUVULU
166.	2010A3PS030G	KULKARNI JUHI SANJAY
167.	2010A3PS034G	KARTIKEYA BHARDWAJ
168.	2010A3PS035G	KHIALANI GAUTAM PARMANAND
169.	2010A3PS041G	GAVASKAR RUTURAJ GIRISH
170.	2010A3PS052G	DARSHANA MUKHERJEE
171.	2010A3PS053G	TUSHAR GOYAL
172.	2010A3PS055G	DEVANSHI DEEPAK KESARIA
173.	2010A3PS060G	NAMITA PAUL
174.	2010A3PS062G	KULKARNI SAURABH UDAY
175.	2010A3PS065G	P SAI MAHATHI
176.	2010A3PS066G	NIKHILESH BEHERA
177.	2010A3PS079G	KANDULA SOWMYA KRISHNA
178.	2010A3PS082G	KULKARNI NEERAJ PRAMOD
179.	2010A3PS084G	TAMMARA NIHARIKA
180.	2010A3PS086G	ADITYA KHANDELWAL
181.	2010A3PS090G	BHAVESH PANDEY
182.	2010A3PS092G	AKASH AGRAWAL
183.	2010A3PS095G	AVANI SAMA
184.	2010A3PS096G	PRATEEK GROVER
185.	2010A3PS099G	SAURABH BHATIA
186.	2010A3PS101G	PIYUSH KUMAR SHARMA
187.	2010A3PS107G	SHALU NINAD ANIL
188.	2010A3PS109G	VEERAVALLI BALA MURALI KRISHNA
189.	2010A3PS114G	ANIMESH SRIVASTAVA
190.	2010A3PS120G	ARIHANT LUNAWAT
191.	2010A3PS123G	RONIT KUMAR DE
192.	2010A3PS124G	RHEA BENJAMIN
193.	2010A3PS125G	ANKLESHWARIA APURVA MEHUL
194.	2010A3PS137G	PRAGYA SAXENA

195.	2010A3PS146G	DUBE SUMEET TUKARAM
196.	2010A3PS148G	KOVVURI AVINAASH SRIVATSAV
197.	2010A3PS156G	PRATEEK CHHIPA
198.	2010A3PS172G	KARAN SINGH MANN
199.	2010A3PS176G	SRIJAN KUMUD
200.	2010A3PS183G	VINEETH ABRAHAM GEORGE
201.	2010A3PS187G	NATHANY NEERAJ VINOD
202.	2010A3PS195G	GANGAVARAPU VENKATESH
203.	2010A3PS196G	KULDAWINDER SINGH
204.	2010A3PS198G	B NATESH
205.	2010A3PS203G	ASMITA DIXIT
206.	2010A3PS204G	SPARSH KINJAVDEKAR
207.	2010A3PS207G	PRANSHU GUPTA
208.	2010A3PS208G	PRIYANKA UNNITHAN
209.	2010A3PS211G	AVIKALP MATHUR
210.	2010A3PS215G	SHIVAM RAJ
211.	2010A3PS216G	DEEPAK UPPAL
212.	2010A3PS218G	SIDDHARTH T
213.	2010A3PS219G	K HARSHITHA
214.	2010A3PS222G	DONTARAJU KRISHNA KISHORE
215.	2010A3PS224G	VISHAL SRIVASTAVA
216.	2010A3PS228G	ANKITA JHA
217.	2010A3PS232G	NAGARSEKAR GANESH SANDEEP
218.	2010A3PS236G	ASHWIN M DHEKANE
219.	2010A3PS240G	ATHARV SHARMA
220.	2010A3PS242G	CHEBIYYAM SRIVANI
221.	2010A3PS245G	ANUSHREE SAHAKUNDU
222.	2010A3PS247G	RISHABH SHARMA
223.	2010A3PS249G	SAM C JOY
224.	2010A3PS380G	ABHISHEK K A
225.	2010A3PS488G	NELAKUDITI SRIKANTH
226.	2010A3TS002G	SANT ROHIT HEMANT
227.	2010A3TS003G	PANDIT HARSHAVARDHAN VIVEK
228.	2010A3TS027G	AKSHAY R K
229.	2010A3TS077G	ARNAV GOEL
230.	2010A3TS078G	SHETH CHINTAK JINESH
231.	2010A3TS119G	DIVYA KUMAR BADHEKA
232.	2010A3TS168G	LENGDE PALLAVI RAJAN
233.	2010A3TS230G	SHAIKH SAMEER ASLAM
234.	2010A3TS239G	ISHAAN BANSAL
235.	2009B1A3331G	SHUBHAM RAO
236.	2009B1A3399G	ADITYA DADU
237.	2009B1A3621G	B SAI JAHNAVI
238.	2009B1A3629G	SWAPNIL SAURAV
239.	2009B1A3662G	KURCHETI NEHA KIRAN
240.	2009B1A3663G	SUDEEP GUPTA

241.	2009B1A3666G	SHRUTI GARG
242.	2009B1A3668G	BHARNI KRISHNA VENKATA CHEKURI
243.	2009B2A3304G	AKANKSHA SHARMA
244.	2009B2A3314G	ABHEEK DAS
245.	2009B2A3612G	KARTIK MEHUL MANKAD
246.	2009B2A3670G	HARSHVARDHAN
247.	2009B3A3287G	ISHAN KAWLEY
248.	2009B3A3360G	YASHU RAKESH AGARWAL
249.	2009B3A3418G	NADKARNI NAMRATA HARISH
250.	2009B3A3459G	SHIVANG GARG
251.	2009B3A3466G	ASHESH KAUSHIK
252.	2009B3A3518G	SHIVI ANAND
253.	2009B3A3526G	NIKUNJ PUROHIT
254.	2009B3A3558G	SAURABH SUMAN
255.	2009B3A3575G	SUJAY MUZUMDAR
256.	2008B4A3230G	ABDUL MUBEEN
257.	2008B4A3468G	AMANDU SHIVA KRISHNA
258.	2009B4A3469G	ARUSHI SHARMA
259.	2009B4A3551G	GINJUPALLI RAMYA TEJA
260.	2009B4A3560G	RICHA DWIVEDI
261.	2009B5A3398G	BHAT ISHAAN RAJESH
262.	2009B5A3411G	MANI RAM P
263.	2009B5A3419G	SOUVIK DUTTA
264.	2009B5A3421G	ALBERT DAVIES
265.	2009B5A3468G	NAIK ADITYA SACHIN
266.	2009B5A3480G	KULKARNI AKSHAY SATISH
267.	2009B5A3532G	AYYAGARI DRSS SANTHOSH
268.	2009B5A3534G	BHALA NILESH NARENDRA
269.	2009B5A3626G	RANJITA PAI KASTURI

B.E.(Hons.) Mechanical Engineering

270.	2009A4PS228G	THAKARE NAKUL BHARAT
271.	2009A4PS242G	YOHANN SEQUEIRA
272.	2009A4PS253G	AVADHANULA SASANKA
273.	2009A4PS325G	PUNEET
274.	2009A4PS337G	MAYANK MASRIN
275.	2010A4PS012G	MOKASHI ARCHIT CHANDRAKANT
276.	2010A4PS028G	SHETE KEDAR PRASHANT
277.	2010A4PS032G	MANISH NAYINI
278.	2010A4PS033G	ASHWIN BOSE
279.	2010A4PS037G	AKSHAY BHAGAT
280.	2010A4PS058G	KHARCHE KETAN MOHAN
281.	2010A4PS063G	PENDSE SAMEER SHASHANK
282.	2010A4PS064G	K. AVINASH
283.	2010A4PS113G	JAINENDRA KUMAR VERMA

284.	2010A4PS129G	AKHILA MALLAVARAPU
285.	2010A4PS141G	BUDDHARAJU BALARAMA RAJU
286.	2010A4PS142G	VISHAAL SAMIR SARAIYA
287.	2010A4PS155G	SOHAM BHADURI
288.	2010A4PS160G	KULKARNI PIYUSH AVINASH
289.	2010A4PS161G	ABHISHEK TIWARI
290.	2010A4PS164G	KULKARNI MIHIR MILIND
291.	2010A4PS171G	ANKUR SHARMA
292.	2010A4PS185G	ANIRUDDHA ANAND DEO
293.	2010A4PS197G	SAWANT NIHAR SUHAS
294.	2010A4PS205G	JACOB CHERIAN
295.	2010A4PS210G	VENUTURUMILLI V R ARUN KUMAR
296.	2010A4PS214G	PAPPANABOENA HARISH
297.	2010A4PS217G	PRANAV RAI
298.	2010A4PS225G	VALLABHANENI KARTHIK
299.	2010A4PS231G	P PRAVINYA
300.	2010A4PS233G	NAGA YASHWANTH KANTHAMNENI
301.	2010A4PS234G	MEHTA AKASH MANOJ
302.	2010A4PS237G	BHAVIK SURESH KUMAR KAKKA
303.	2010A4PS241G	SAHAKARI NIKHIL KRISHNA
304.	2010A4PS248G	LAD SAURABH DINESH
305.	2010A4PS256G	KEPIN KAVATHIA
306.	2010A4PS257G	ROHAN MADHUKAR KULKARNI
307.	2010A4PS259G	KAMESH AWASTHI
308.	2010A4PS262G	PULI SURAJ REDDY
309.	2010A4PS265G	RAHUL R
310.	2010A4PS271G	AVINASH TIWARI
311.	2010A4PS272G	UMARYE MIHIR MOHAN
312.	2010A4PS273G	NISHANT UDUPA
313.	2010A4PS274G	AKANSHA AGRAWAL
314.	2010A4PS276G	ISHAN KAUL
315.	2010A4PS279G	PATIL PRAMOD SADASHIV
316.	2010A4PS284G	MAYANK SANJEEV MEHRA
317.	2010A4PS285G	PALKAR GAURAV AJAY
318.	2010A4PS290G	MONICA RAWAT
319.	2010A4PS296G	PALLE PRASHANTH REDDY
320.	2010A4PS298G	SHASHANK BASSI
321.	2010A4PS300G	GULLAPALLI VENKATA SATHYA RAVITEJA
322.	2010A4PS318G	NEERAJ ESWARADAS
323.	2010A4PS321G	SUKRANT TULSI
324.	2010A4PS323G	VARUN BHANDARI
325.	2010A4PS341G	UTKARSH GUPTA
326.	2010A4PS347G	CHAUDHARI CHAITANYA PANDHARINATH
327.	2010A4PS349G	SHELKE MOHIT RAJENDRA
328.	2010A4PS352G	ABHINAV CHAUHAN
329.	2010A4PS353G	ANIKET PANT

330.	2010A4PS553G	SRIKANTH CHEPYALA
331.	2009A4TS220G	SHARANG SHARMA
332.	2009A4TS354G	YAFIS AIJAZ SAHAF
333.	2010A4TS151G	V K NARASIMHAN
334.	2010A4TS024G	ATUL KUMAR AGRAWAL
335.	2010A4TS036G	PRADHAN KEDAR NOBINKUMAR
336.	2010A4TS039G	KATUMALLA NISHANTH PAUL
337.	2010A4TS050G	RAO PHANINDRA
338.	2010A4TS059G	RAMBHIA JAY LAXMICHAND
339.	2010A4TS173G	PAPAKOLLU KOUSIK
340.	2010A4TS182G	M NIKHIL KHICHA
341.	2010A4TS186G	RONAK GUPTA
342.	2010A4TS201G	SHRIMANKAR DISHIN CHETAN
343.	2010A4TS258G	MUKESH KUMAR
344.	2010A4TS277G	FRANCIS JAMES
345.	2010A4TS282G	PAWAR AISHWARYA RAJIV
346.	2010A4TS286G	AKSHAY AGARWAL
347.	2010A4TS313G	P SANTOSH KUMAR
348.	2010A4TS320G	SUSHANT KUMAR
349.	2010A4TS472G	BAPAT SHOUNAK VINAYAK
350.	2009B1A4628G	VIBHOR ATREYA
351.	2009B1A4645G	PRADYUMN AGARWAL
352.	2009B1A4665G	HARIPRIYA VALAYAPUTTUR
353.	2009B2A4305G	HABBU SHREYAS GURURAJ
354.	2009B2A4322G	GALI SUDHEER KUMAR REDDY
355.	2009B2A4467G	VISHAL AHUJA
356.	2009B2A4489G	RAHUL JAIN
357.	2009B2A4493G	UDIT DEWAN
358.	2009B2A4564G	SOURAV BANERJEE
359.	2009B2A4573G	TARUN KHANNA
360.	2009B2A4605G	SRIBHASHYAM KOMALA SAI SRI RAM
361.	2009B2A4627G	OMKAR GANESH KASKAR
362.	2009B2A4632G	SOHAG SEN
363.	2009B3A4291G	G SRI HARSHA
364.	2009B3A4427G	CHENNALLA KRISHNAKANTH REDDY
365.	2009B3A4439G	S VARUN SHRIVATS
366.	2009B3A4446G	RISHABH GOEL
367.	2009B3A4461G	HARSHVARDHAN BAGARIA
368.	2009B3A4484G	ADIGOPULA JANAKI VARA PRASAD
369.	2009B3A4511G	NAYAK SAURABH SHUBHAKAR
370.	2009B3A4525G	GAURAV MANOJ JHA
371.	2009B3A4533G	SHINDE VINAYAK ASHOK
372.	2009B3A4537G	VARUN AHUJA
373.	2009B3A4542G	ANUBHAV AGRAWAL
374.	2009B3A4548G	MANDADI PRANATHI
375.	2008B4A4545G	KANCHI NAVEEN

376.	2009B4A4293G	SONTAKKE VISHAL VIWEK
377.	2009B4A4470G	PRATIK S HEGDE
378.	2009B4A4477G	KATTA RAJESH
379.	2009B4A4515G	KUCHALAKANTHI SHARATH CHANDRA
380.	2009B4A4602G	SAGAR RAMDAS DESHPANDE
381.	2009B4A4611G	GOKUL V SHETTY
382.	2009B4A4674G	TEJENDAR SINGH
383.	2009B5A4396G	RATAN PARKHE KRISHNA KANT
384.	2009B5A4443G	RAHUL KETAN RUPANI
385.	2009B5A4462G	ADITYA ASATI
386.	2009B5A4522G	JYOTHSNA K UNNIKRISHNAN

B.E.(Hons.) Computer Science

387.	2009A7B4348G	NANKAR SWAPNIL SUBHASH
388.	2008A7PS052G	BALU SUJITH REDDY
389.	2009A7PS112G	DESAI KAUSHAL UMESH
390.	2009A7PS144G	AYUSH SANYAL
391.	2010A7PS167G	SEELAM ABHINAY REDDY
392.	2007A7PS103G	K ARUN REDDY
393.	2009A7PS017G	ARJUN BANERJI
394.	2009A7PS054G	KALOLWALA HASIM SABBIR
395.	2009A7PS061G	PRAVEEN PRAKASH OAK
396.	2010A7PS004G	AMIT KUMAR
397.	2010A7PS009G	ABHISHEK SINGH CHOUHAN
398.	2010A7PS010G	INDU R
399.	2010A7PS013G	CHAUDHARY ANIKET ANIL KUMAR
400.	2010A7PS015G	NAYANTARA
401.	2010A7PS016G	CHERUVU ALEKHYA
402.	2010A7PS017G	NIKHIL MEHTA
403.	2010A7PS021G	ANISH V MAHESH
404.	2010A7PS023G	OSHIN AGARWAL
405.	2010A7PS026G	JANNAT TALWAR
406.	2010A7PS029G	AYUSH KUMAR
407.	2010A7PS031G	PRATAP SAKSHI SANJAY
408.	2010A7PS038G	SAHIL AGAL
409.	2010A7PS044G	VADDADI RAKESH
410.	2010A7PS045G	DIGHE ABHILASH CHETAN
411.	2010A7PS046G	PRIYANKA KUSHWAHA
412.	2010A7PS047G	TARIK GUPTA
413.	2010A7PS048G	NAGDA RUSHABH JAYANTILAL
414.	2010A7PS049G	SAJAL MARWAHA
415.	2010A7PS054G	HARSH SINGH KOHLI
416.	2010A7PS068G	SIDDHARTH JAIN
417.	2010A7PS069G	RISHABH GARG
418.	2010A7PS070G	PEDNEKAR ANIKET VIDYADHAR

419.	2010A7PS071G	S S SHREE RANJANI
420.	2010A7PS074G	AKHIL KULKARNI
421.	2010A7PS075G	ADITI VISWANATHAN
422.	2010A7PS080G	NIKITA GUPTA
423.	2010A7PS083G	PANAMGIPALLI RAVI TEJA
424.	2010A7PS088G	PARTH RAKESH AGRAWAL
425.	2010A7PS091G	GOUTHAMY GOPINATH
426.	2010A7PS094G	GAURAV MISHRA
427.	2010A7PS097G	GOWTHAM SUNKARA
428.	2010A7PS100G	KUMAR NAVARURH
429.	2010A7PS105G	SANCHIT MEHTA
430.	2010A7PS111G	BOINPELLI SHIVA PRASAD
431.	2010A7PS115G	AKHIL RAZDAN
432.	2010A7PS127G	PULKIT SARAF
433.	2010A7PS128G	RISHABH ARORA
434.	2010A7PS131G	ABHINAV ANAND
435.	2010A7PS133G	SAHIL GILL
436.	2010A7PS135G	SAMARTH SINHA
437.	2010A7PS136G	AKASH CHAUDHARY
438.	2010A7PS138G	PANUGANTI N V S B K R S SAI KIRAN
439.	2010A7PS144G	NEHA
440.	2010A7PS147G	ASTHA GUPTA
441.	2010A7PS149G	RANJAN DUTTA
442.	2010A7PS150G	P VENKATA NAGA LALITH PRANITH
443.	2010A7PS152G	SARVESH SHARMA
444.	2010A7PS153G	MANDLECHA KHUSHBOO RAJENDRA
445.	2010A7PS154G	MONAL R N
446.	2010A7PS157G	DESHMUKH RAJSHREE GAJANAN
447.	2010A7PS158G	AGARWAL SAURABH KASHMIRLAL
448.	2010A7PS159G	ROHIT KHUBNANI
449.	2010A7PS162G	SAURABH SONI
450.	2010A7PS163G	ROSHAN KUMAR
451.	2010A7PS165G	NARRA GAURAV REDDY
452.	2010A7PS169G	RAHUL DHYAWALA
453.	2010A7PS179G	VIKRAMJIT SIDHU
454.	2010A7PS180G	PRABHU AMIT DILEEP
455.	2010A7PS181G	GODHIA HARSHAL SURESH
456.	2010A7PS184G	SAI SUBODH PHALTANKAR
457.	2010A7PS189G	BARVE SHARVARI UPENDRA
458.	2010A7PS192G	MAHALE SHRUTI NAGENDRA
459.	2010A7PS243G	APOORV KULSHRESHTHA
460.	2010A7PS334G	RAUL AMEYA RAVINDRA
461.	2010A7PS357G	DHANANJAY BAHAL
462.	2010A7PS397G	AYUSH RATHI
463.	2010A7PS544G	PARIKH APOORV JATIN
464.	2008A7TS078G	BHUVAN MOHAN SINGH RAWAL

465.	2010A7TS001G	ANIRUDH WODEYAR
466.	2010A7TS006G	ARAS ANWAYA AMAL
467.	2010A7TS040G	SHASHWAT KUMAR
468.	2010A7TS042G	AGRAWAL SIDDHARTH SANJAY
469.	2010A7TS061G	ROHAN VERMA
470.	2010A7TS076G	SHWETABH KHANDUJA
471.	2010A7TS112G	ANKITA DE
472.	2010A7TS175G	ASHISH NANDA
473.	2010A7TS193G	GAONKAR RADHIKA SHAMSUNDER
474.	2009B1A7055G	NIKHITA ARON
475.	2009B1A7589G	CHIRAYU GARG
476.	2009B1A7635G	KHUSHBOO MATREJA
477.	2009B2A7310G	VARUN VASWANI
478.	2009B2A7578G	SASWAT BARUAH
479.	2009B2A7586G	PRIYANKA SABOO
480.	2009B2A7631G	SHUBHANKAR
481.	2009B2A7634G	PRATYAY PANDEY
482.	2009B3A7248G	NEIL RAJESH DHRUVA
483.	2009B3A7384G	REPAL NEHA SHYAM
484.	2009B3A7448G	ABHIJEET MEHROTRA
485.	2009B3A7449G	SANKALP KULSHRESTHA
486.	2009B3A7568G	MAHESHWARI RACHIT RAMESHCHANDRA
487.	2009B3A7581G	ADITYA JAINI
488.	2009B3A7584G	DIVYA GUPTA
489.	2009B3A7585G	SAUMYA GUPTA
490.	2009B3A7588G	SAJAG GOEL
491.	2009B3A7595G	ARUSHI GUPTA
492.	2009B3A7616G	M SHRUTHI SRINIVAS
493.	2009B3A7617G	MEGHA AGGARWAL
494.	2009B3A7671G	TANMAYA SANGHVI
495.	2008B4A7597G	SAURABH KHARE
496.	2009B4A7292G	RUCHIKA DALAL
497.	2009B4A7303G	PRIYANKA SYAL
498.	2009B4A7497G	SATHE GAURAV SUDHIR
499.	2009B4A7516G	SIDDHARTH GUPTA
500.	2009B4A7562G	JAPNEESH SINGH
501.	2009B4A7606G	AGARWAL CHIRAG RAMAWTAR
502.	2009B4A7619G	PANSE ANIKET PANDURANG
503.	2009B4A7624G	ISHITA
504.	2009B5A7401G	NISHEETA DESAI
505.	2009B5A7524G	GARGI BISWAS
506.	2009B5A7540G	SHOBHIT SHARMA
507.	2009B5A7545G	MALINENI MANOJ PRABHAKAR
508.	2009B5A7559G	MANPREET SINGH KAINTH
509.	2009B5A7675G	SHYANI MILIND ARJANBHAI

B.E.(Hons.) Electronics and Instrumentation

510.	2009A8PS117G	SHIVAM RAJPAL
511.	2009A8PS355G	PRATEEK ANAND
512.	2009A8PS901G	RONAK JAIN
513.	2009A8PS039G	PRABHAT GUSAIN
514.	2010A8PS072G	JHALAK PATNAIK
515.	2010A8PS073G	SHRUTI
516.	2010A8PS081G	KHARE TANAYA SANJAY
517.	2010A8PS213G	KULKARNI NINAD AVINASH
518.	2010A8PS226G	PRAHARSH SRIVASTAVA
519.	2010A8PS227G	DEEPAK OJHA
520.	2010A8PS235G	KARKHANIS RUCHA UMESH
521.	2010A8PS250G	MADANKUMAR SAMPATH
522.	2010A8PS251G	VENKATRAM REDDY GATTLA
523.	2010A8PS252G	ABHIMANYU MEHTA
524.	2010A8PS255G	NISHIT H PATIRA
525.	2010A8PS261G	SHARAN BASAVARAJ BIRADAR
526.	2010A8PS264G	HARSHAL KACHHY
527.	2010A8PS266G	NAZISH FATIMA
528.	2010A8PS267G	SAGAR SHIRWALKAR
529.	2010A8PS270G	NIKHIL SINGHAL
530.	2010A8PS275G	SAUMYA RANJAN SARANGI
531.	2010A8PS278G	BHASKAR KUMAR TETARBE
532.	2010A8PS281G	SHASHANK SATYANAND
533.	2010A8PS288G	KRISHNAN E
534.	2010A8PS291G	AKANKSHA TOMAR
535.	2010A8PS292G	TANIKELLA V S S PAVAN KUMAR
536.	2010A8PS308G	AMITANSHU VISHAL
537.	2010A8PS309G	GADGIL ANSHUL RAJAN
538.	2010A8PS312G	APRAJITA ARORA
539.	2010A8PS315G	ERINMEL CHITHRA CHANDRAN
540.	2010A8PS316G	AESHWARYA RAJ
541.	2010A8PS322G	DIKE NINAD SHREEKANT
542.	2010A8PS326G	NIDHI KOTHARI
543.	2010A8PS329G	KSHITIJ JAIN
544.	2010A8PS332G	ABHIMANYU GUPTA
545.	2010A8PS333G	MATTA RAJ KIRAN
546.	2010A8PS335G	ARUSHI AGARWAL
547.	2010A8PS336G	RITHIN REDDY KASARLA
548.	2010A8PS338G	PIYUSH MITTAL
549.	2010A8PS339G	DE NORONHA E TAVORA NIKHIL SHANE
550.	2010A8PS343G	GEETANJLI CHUGH
551.	2010A8PS344G	SHUSHAN ASHUTOSH
552.	2010A8PS346G	B SANDILYA PRASAD
553.	2010A8PS348G	RAHUL KUMAR

554.	2010A8PS350G	ASHISH BEHERA
555.	2010A8PS351G	ADITYA TRIPATHI
556.	2010A8PS355G	CHAPPA APARAJITHA
557.	2010A8PS359G	TUSHAR MOTWANI
558.	2010A8PS362G	GULATI PARIDHI JANESH
559.	2010A8PS365G	AVHAD GURUMURTI KAILASCHANDRA
560.	2010A8PS367G	SIDDHANT SRIVASTAVA
561.	2010A8PS371G	GAITONDE ANIMESH GIRIDHAR
562.	2010A8PS372G	IYER VIVEK VISHWANATHAN
563.	2010A8PS373G	MOHITH ASHOK
564.	2010A8PS374G	NITANSH GUPTA
565.	2010A8PS375G	PARAMJIT SINGH
566.	2010A8PS376G	MEHTA KETAN MUKESH
567.	2010A8PS379G	DEBVRAT VARSHNEY
568.	2010A8PS381G	ANUMEHA
569.	2010A8PS384G	BAGUL DARSHAN MAHENDRA
570.	2010A8PS388G	P SAI CHARAN
571.	2010A8PS389G	SHAH PARTH UPENDRA
572.	2010A8PS390G	MAYANK SHRIVASTAVA
573.	2010A8PS393G	MYLAVARAM ANANTH KIRTHI
574.	2010A8PS417G	PEBBATI ABHIMANYU REDDY
575.	2010A8PS419G	YALAVALA V K SHANMUKH KUMAR
576.	2010A8PS584G	S ROHITH
577.	2010A8PS676G	NEHA DAS
578.	2010A8TS103G	DEEPAK RISHI
579.	2010A8TS293G	SHIVA CHANDRA
580.	2010A8TS294G	PRATYUSH SINGH
581.	2010A8TS305G	SONIYA SANTOSH MANTRI
582.	2010A8TS310G	MURARKA PRIYANS RAKESH
583.	2010A8TS340G	DHILBAR ROSHAN
584.	2010A8TS383G	M PREETAM SHIVARAM
585.	2010A8TS551G	PRAKHAR KUMAR VERMA
586.	2008B1A8673G	ADARSH N B
587.	2009B1A8155G	SURESH MALATEESH KASHIKAR
588.	2009B1A8161G	RAGHAV NYATI
589.	2009B1A8319G	BONAGIRI SRIMAN
590.	2009B1A8357G	NEHA AGGARWAL
591.	2009B1A8633G	HARSHIT SOMANI
592.	2009B1A8636G	C K VIJAY KIRAN
593.	2009B1A8639G	DASIKA GAYATHRY
594.	2009B1A8642G	PREETI KUMARI
595.	2009B1A8661G	JAMMY SRIKANTH
596.	2009B1A8664G	CHINTAN ZALANI
597.	2009B1A8669G	NILABH SINHA
598.	2009B3A8389G	VINAY KULKARNI
599.	2009B3A8483G	SIDHARTH MEHTA

600.	2009B3A8520G	DEVAYANI YADAV
601.	2009B3A8549G	TADIKONDA SIVA PRASANTH
602.	2009B3A8556G	KHAN SHAHZARIN MOBIN
603.	2009B3A8563G	NACHIKET KATARIA
604.	2008B4A8610G	PREM SARIT ACHARYA
605.	2009B4A8312G	ASHWIN REDDY KONDAPALLI
606.	2009B4A8464G	VEMURI LAKSHMI NARASIMHAVIHARI
607.	2009B4A8504G	NEHA YEGNAMURTHY
608.	2009B4A8553G	KRITI GARUDA
609.	2009B4A8570G	KOLHE SUBODH BHANUDAS
610.	2009B4A8596G	DIDWANIYA DEVENDRA KISHOR
611.	2009B4A8597G	HIMANSHU GANGAL
612.	2009B4A8599G	DEBANJUM SINGH SOLANKY
613.	2009B4A8622G	JAIN SHREYANS NARESH
614.	2009B4A8625G	PRANAV PRAKASH
615.	2009B4A8673G	THOMAS ABU C
616.	2009B5A8412G	K SURYA KIRAN
617.	2009B5A8465G	VERENKAR AKSHAY SUHAS
618.	2009B5A8513G	AJINKYA SHIRISH KULKARNI
619.	2009B5A8536G	ROHAN KHANDUJA
620.	2009B5A8543G	RACHIT KULSHRESHTHA
621.	2009B5A8546G	R KRISHNA CHAITHANYA
622.	2009B5A8557G	MANGALGIRI GAURI MUKUND

M.Sc.(Hons.) Biological Science

623.	2008B1A1449G	SINGAREDDY SOMA SEKHARA REDDY
624.	2008B1A1678G	B V S MOURYA
625.	2008B1A1680G	KUNCHAPARTHI VAMSI
626.	2009B1A1186G	NAPHADE ARCHANA ASHOK
627.	2009B1A1270G	ANKIT JAIN
628.	2009B1A1394G	NIKHIL MANDALIKA
629.	2009B1A1395G	SHASHI BHUSHAN
630.	2009B1A1402G	P RAGHAVENDRA
631.	2009B1A1601G	M NAVEENA
632.	2009B1A1637G	ABHISHEK ARUN
633.	2009B1A3331G	SHUBHAM RAO
634.	2009B1A3399G	ADITYA DADU
635.	2009B1A3621G	B SAI JAHNAVI
636.	2009B1A3629G	SWAPNIL SAURAV
637.	2009B1A3662G	KURCHETI NEHA KIRAN
638.	2009B1A3663G	SUDEEP GUPTA
639.	2009B1A3666G	SHRUTI GARG
640.	2009B1A3668G	BHARNI KRISHNA VENKATA CHEKURI
641.	2009B1A4628G	VIBHOR ATREYA
642.	2009B1A4645G	PRADYUMN AGARWAL

643.	2009B1A4665G	HARIPRIYA VALAYAPUTTUR
644.	2009B1A7055G	NIKHITA ARON
645.	2009B1A7589G	CHIRAYU GARG
646.	2009B1A7635G	KHUSHBOO MATREJA
647.	2008B1A8673G	ADARSH N B
648.	2009B1A8155G	SURESH MALATEESH KASHIKAR
649.	2009B1A8161G	RAGHAV NYATI
650.	2009B1A8319G	BONAGIRI SRIMAN
651.	2009B1A8357G	NEHA AGGARWAL
652.	2009B1A8633G	HARSHIT SOMANI
653.	2009B1A8636G	C K VIJAY KIRAN
654.	2009B1A8639G	DASIKA GAYATHRY
655.	2009B1A8642G	PREETI KUMARI
656.	2009B1A8661G	JAMMY SRIKANTH
657.	2009B1A8664G	CHINTAN ZALANI
658.	2009B1A8669G	NILABH SINHA

M.Sc.(Hons.) Chemistry

659.	2008B2A1415G	EMANI AKHIL RAGHUNATH
660.	2008B2A1668G	LAKSHMI V CHAITANYA NEKKANTI
661.	2008B2A1050G	PRITAM KUMAR SINGH
662.	2009B2A1295G	PRANAV NALAWADE
663.	2009B2A1309G	AYEESHA KHANNA
664.	2009B2A1415G	VANGA MOHAN KRISHNA
665.	2009B2A1561G	NEHAL BHATIA
666.	2009B2A1565G	GOUNI PRUTHVI
667.	2009B2A3304G	AKANKSHA SHARMA
668.	2009B2A3314G	ABHEEK DAS
669.	2009B2A3612G	KARTIK MEHUL MANKAD
670.	2009B2A3670G	HARSHVARDHAN
671.	2009B2A4305G	HABBU SHREYAS GURURAJ
672.	2009B2A4322G	GALI SUDHEER KUMAR REDDY
673.	2009B2A4467G	VISHAL AHUJA
674.	2009B2A4489G	RAHUL JAIN
675.	2009B2A4493G	UDIT DEWAN
676.	2009B2A4564G	SOURAV BANERJEE
677.	2009B2A4573G	TARUN KHANNA
678.	2009B2A4605G	SRIBHASHYAM KOMALA SAI SRI RAM
679.	2009B2A4627G	OMKAR GANESH KASKAR
680.	2009B2A4632G	SOHAG SEN
681.	2009B2A7310G	VARUN VASWANI
682.	2009B2A7578G	SASWAT BARUAH
683.	2009B2A7586G	PRIYANKA SABOO
684.	2009B2A7631G	SHUBHANKAR
685.	2009B2A7634G	PRATYAY PANDEY

M.Sc.(Hons.) Economics

686.	2008B3A1418G	D VENKATA SAI KRISHNAHAREESH
687.	2008B3A1662G	THENTU SAI KISHEN
688.	2009B3A1288G	JAYANTI HARISH
689.	2009B3A3287G	ISHAN KAWLEY
690.	2009B3A3360G	YASHU RAKESH AGARWAL
691.	2009B3A3418G	NADKARNI NAMRATA HARISH
692.	2009B3A3459G	SHIVANG GARG
693.	2009B3A3466G	ASHESH KAUSHIK
694.	2009B3A3518G	SHIVI ANAND
695.	2009B3A3526G	NIKUNJ PUROHIT
696.	2009B3A3558G	SAURABH SUMAN
697.	2009B3A3575G	SUJAY MUZUMDAR
698.	2009B3A4291G	G SRI HARSHA
699.	2009B3A4427G	CHENNALLA KRISHNAKANTH REDDY
700.	2009B3A4439G	S VARUN SHRIVATS
701.	2009B3A4446G	RISHABH GOEL
702.	2009B3A4461G	HARSHVARDHAN BAGARIA
703.	2009B3A4484G	ADIGOPULA JANAKI VARA PRASAD
704.	2009B3A4511G	NAYAK SAURABH SHUBHAKAR
705.	2009B3A4525G	GAURAV MANOJ JHA
706.	2009B3A4533G	SHINDE VINAYAK ASHOK
707.	2009B3A4537G	VARUN AHUJA
708.	2009B3A4542G	ANUBHAV AGRAWAL
709.	2009B3A4548G	MANDADI PRANATHI
710.	2009B3A7248G	NEIL RAJESH DHRUVA
711.	2009B3A7384G	REPAL NEHA SHYAM
712.	2009B3A7448G	ABHIJEET MEHROTRA
713.	2009B3A7449G	SANKALP KULSHRESTHA
714.	2009B3A7568G	MAHESHWARI RACHIT RAMESHCHANDRA
715.	2009B3A7581G	ADITYA JAINI
716.	2009B3A7584G	DIVYA GUPTA
717.	2009B3A7585G	SAUMYA GUPTA
718.	2009B3A7588G	SAJAG GOEL
719.	2009B3A7595G	ARUSHI GUPTA
720.	2009B3A7616G	M SHRUTHI SRINIVAS
721.	2009B3A7617G	MEGHA AGGARWAL
722.	2009B3A7671G	TANMAYA SANGHVI
723.	2009B3A8389G	VINAY KULKARNI
724.	2009B3A8483G	SIDHARTH MEHTA
725.	2009B3A8520G	DEVAYANI YADAV
726.	2009B3A8549G	TADIKONDA SIVA PRASANTH
727.	2009B3A8556G	KHAN SHAHZARIN MOBIN
728.	2009B3A8563G	NACHIKET KATARIA

729.   2010B3TS473G   ISHA GARG

M.Sc.(Hons.) Mathematics

730.   2008B4A1401G   KANCHERLA SAITEJA
731.   2008B4A1665G   ABHINAV GUPTA
732.   2007B4A1405G   PALAGIRI YESWANTH REDDY
733.   2009B4A1323G   AMULYA N
734.   2009B4A1530G   RAYAVARAPU SAI SRIHARSHA
735.   2009B4A1550G   JAYANTHI HARIKA
736.   2009B4A1587G   CHITRE SAGAR SANDIP
737.   2008B4A3230G   ABDUL MUBEEN
738.   2008B4A3468G   AMANDU SHIVA KRISHNA
739.   2009B4A3469G   ARUSHI SHARMA
740.   2009B4A3551G   GINJUPALLI RAMYA TEJA
741.   2009B4A3560G   RICHA DWIVEDI
742.   2008B4A4545G   KANCHI NAVEEN
743.   2009B4A4293G   SONTAKKE VISHAL VIWEK
744.   2009B4A4470G   PRATIK S HEGDE
745.   2009B4A4477G   KATTA RAJESH
746.   2009B4A4515G   KUCHALAKANTHI SHARATH CHANDRA
747.   2009B4A4602G   SAGAR RAMDAS DESHPANDE
748.   2009B4A4611G   GOKUL V SHETTY
749.   2009B4A4674G   TEJENDAR SINGH
750.   2008B4A7597G   SAURABH KHARE
751.   2009B4A7292G   RUCHIKA DALAL
752.   2009B4A7303G   PRIYANKA SYAL
753.   2009B4A7497G   SATHE GAURAV SUDHIR
754.   2009B4A7516G   SIDDHARTH GUPTA
755.   2009B4A7562G   JAPNEESH SINGH
756.   2009B4A7606G   AGARWAL CHIRAG RAMAWTAR
757.   2009B4A7619G   PANSE ANIKET PANDURANG
758.   2009B4A7624G   ISHITA
759.   2008B4A8610G   PREM SARIT ACHARYA
760.   2009B4A8312G   ASHWIN REDDY KONDAPALLI
761.   2009B4A8464G   VEMURI LAKSHMI NARASIMHAVIHARI
762.   2009B4A8504G   NEHA YEGNAMURTHY
763.   2009B4A8553G   KRITI GARUDA
764.   2009B4A8570G   KOLHE SUBODH BHANUDAS
765.   2009B4A8596G   DIDWANIYA DEVENDRA KISHOR
766.   2009B4A8597G   HIMANSHU GANGAL
767.   2009B4A8599G   DEBANJUM SINGH SOLANKY
768.   2009B4A8622G   JAIN SHREYANS NARESH
769.   2009B4A8625G   PRANAV PRAKASH
770.   2009B4A8673G   THOMAS ABU C
771.   2009A7B4348G   NANKAR SWAPNIL SUBHASH

M.Sc.(Hons.) Physics

772.	2008B5A1463G	SAPRE KAUSHAL AJAY
773.	2009B5A1406G	MALTUMKAR DEEPAK RAJ
774.	2009B5A1447G	UTKARSH CHOUDHARY
775.	2009B5A1471G	APOORV BHARDWAJ
776.	2009B5A3398G	BHAT ISHAAN RAJESH
777.	2009B5A3411G	MANI RAM P
778.	2009B5A3419G	SOUVIK DUTTA
779.	2009B5A3421G	ALBERT DAVIES
780.	2009B5A3468G	NAIK ADITYA SACHIN
781.	2009B5A3480G	KULKARNI AKSHAY SATISH
782.	2009B5A3532G	AYYAGARI DRSS SANTHOSH
783.	2009B5A3534G	BHALA NILESH NARENDRA
784.	2009B5A3626G	RANJITA PAI KASTURI
785.	2009B5A4396G	RATAN PARKHE KRISHNA KANT
786.	2009B5A4443G	RAHUL KETAN RUPANI
787.	2009B5A4462G	ADITYA ASATI
788.	2009B5A4522G	JYOTHSNA K UNNIKRISHNAN
789.	2009B5A7401G	NISHEETA DESAI
790.	2009B5A7524G	GARGI BISWAS
791.	2009B5A7540G	SHOBHIT SHARMA
792.	2009B5A7545G	MALINENI MANOJ PRABHAKAR
793.	2009B5A7559G	MANPREET SINGH KAINTH
794.	2009B5A7675G	SHYANI MILIND ARJANBHAI
795.	2009B5A8412G	K SURYA KIRAN
796.	2009B5A8465G	VERENKAR AKSHAY SUHAS
797.	2009B5A8513G	AJINKYA SHIRISH KULKARNI
798.	2009B5A8536G	ROHAN KHANDUJA
799.	2009B5A8543G	RACHIT KULSHRESHTHA
800.	2009B5A8546G	R KRISHNA CHAITHANYA
801.	2009B5A8557G	MANGALGIRI GAURI MUKUND

M.Sc.(Tech.) Information Systems

802.	2009C6PS370G	K RADHA KRISHNA VINAY KUMAR
803.	2010C6PS008G	ANCHIT AGARWAL
804.	2010C6PS121G	GAURAV KUMAR
805.	2010C6PS140G	ANUPAM SINGH
806.	2010C6PS190G	RAKA HARSHALI GULABCHAND
807.	2010C6PS301G	ARUSHI RAWAT
808.	2010C6PS325G	RACHIT SAXENA
809.	2010C6PS345G	GHOSH KAUSTAV DEBABARATA
810.	2010C6PS366G	NISHANT SHYAMAL BUDHDEV
811.	2010C6PS368G	ANKUR MODI

812.	2010C6PS411G	NIKHIL TANEJA
813.	2010C6PS413G	ABHIPSA BEHERA
814.	2010C6PS416G	BANDLA VENKATA KRISHNA
815.	2010C6PS424G	SHIVAM AWASTHI
816.	2010C6PS444G	DEVANSHU SETH
817.	2010C6PS474G	VANSH MUDGIL
818.	2010C6PS477G	SIDDHARTH MOHAN MISRA
819.	2010C6PS517G	K ROHIT
820.	2010C6PS527G	MOZARKAR MRUNAL
821.	2010C6PS539G	SHAIK MOHAMMED FAIZAAN
822.	2010C6PS541G	NEELIMA BHOGI
823.	2010C6PS550G	NITIN SINGH
824.	2010C6PS568G	DEBMALYA BANERJEE
825.	2010C6PS575G	M.R.RENUKA PAI
826.	2010C6PS577G	G GNANAPRIYA
827.	2010C6PS606G	SHRUTI GUPTA
828.	2010C6PS615G	AKSHAY VIKAS
829.	2010C6PS617G	ROHIT GOEL
830.	2010C6PS618G	YASH SINHA
831.	2010C6PS621G	NUNNA SATHWIK
832.	2010C6PS626G	TALUSANI MANI SHANKER
833.	2010C6PS627G	SHOAIB MOHAMMED
834.	2010C6PS632G	SHILADITYA MANDAL
835.	2010C6PS637G	GARVIT VERMA
836.	2010C6PS641G	DHRUVA JAIN
837.	2010C6PS646G	AAKASH PILLAI
838.	2010C6PS648G	ANAND GOYAL
839.	2010C6PS650G	OMKAR SAYAJI HANDE
840.	2010C6PS656G	TANUSHREE BANSAL
841.	2009C6TS680G	SHIVAM
842.	2010C6TS592G	DEBAJYOTI DATTA
843.	2010C6TS311G	AKHIL SINGH
844.	2010C6TS126G	DIPTI SENGUPTA
845.	2010C6TS422G	RISHABH SAXENA
846.	2010C6TS451G	BEZAWADA SRIKANTH
847.	2010C6TS564G	SAHIL KASHYAP
848.	2010C6TS645G	SARANSH SINHA

Oath

"On this solemn occasion, Convocation 2014 at Goa and in the

presence of my teachers and family, I pledge to use my

knowledge and experience gained at BITS Pilani and

elsewhere in the service of the people of my country and of the

world. I will do so while adhering to the highest ethical

standards, in harmony with the environment, and with utmost

humility, honesty and devotion, and thereby bring glory to my

family, my Alma mater, my profession, and my country."

innovate   achieve   lead