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A Registered
Charitable Education Trust

Goklibai School- A Rashtriya Shala

A primary school for Gujarati girls



A group of patriotic Indians plant the seed of a new nation building idea: a school to preserve the national heritage and give Indians a new sense of 'belonging' and cultural roots

State of the art buildings (Mumbai, Shirpur, Bengaluru & Hyderabad)



Approximately 40000 students with the university

Growth in 5 Years

Description	2009-10	2014-15
No. of Schools	8	12
No. of Programmes	58	130
No. of Faculty	248	439
No. of Staff	343	546
No. of Students	8942	12000
Research Grants (in Millions INR)	0.957	51.565
Research Projects by Ph.D students	10	89
Research Projects by Faculty	30	51
Books Published	41	109
Faculty Publications (National)	41	214
Faculty Publications (International)	141	641

Current Challenges in Education

- Changing Technology – Interdisciplinary developments
- Engaging students in the courses
- Demand and Supply – Automation
- Employability of graduates
- Overwhelming resource availability

Newton - Bhabha Higher Education Partnership

Learner Centric Pedagogy & Student Skill Enhancement

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Project Details

- **Project Duration:**
 - March 2016 – February 2018
- **Project Objectives:**
 - Enhance faculty competencies in modern teaching tools and techniques
 - Foster the spirit of innovation and research among students
 - Evolve a strategy for scaling up the impact at national level

Model 1: Learner Centric Pedagogy

- **Design & deliver training programs:**
 - Engage UK and Indian industry as well as academic partners
 - Identify pilot courses for implementation of new pedagogy
 - Formulate the course outlines
- **Implement the course:**
 - For partnering institutes
 - Include course work and projects assigned by the industry
- **Assess outcomes:**
 - Jointly by industry-academia partners
 - Assess and evaluate the learner centric pedagogy
 - Disseminate learnings to other courses and institutes

Model 2: Student Skill Enhancement

- **Identify current challenges:**
 - Invite partners from industry to highlight current challenges
- **Seek solutions from students:**
 - From colleges across the country
 - Through a student start-up emerging at the school
- **Evaluate and Reward best solutions:**
 - Assess and shortlist solutions by industry-academia
 - Invite students to present their solutions
 - Reward top three solutions in each identified challenge

Project Partners

- **Lead Institute:**
 - Mukesh Patel School of Technology Management & Engineering, NMIMS
- **Industry Partners:**
 - L&T Hydrocarbon Engineering Ltd., Mumbai
 - Thermax Ltd., Pune
- **Academia Partners:**
 - **Cranfield University, UK**
 - Army Institute of Technology, Pune
 - R.C. Patel Institute of Technology, Shirpur

Participation from the Industry partners

- Resource Persons as trainers
- Identification and Participation in Course Design
- Participation in Project / Team based learning in pilot course
- Training
- Joint evaluation of outcomes
- Identification of Industry challenges
- Review and Evaluation of the challenges

Expectations from Academic Partners

- Identification of faculty members for advanced FDP course
- Pilot course selection and course design
- Course implementation
- Learning and feedback
- Percolation to other courses

Value from UK Partner, Cranfield University

- Help Develop project based teaching curriculum
- Suggest new pedagogy tools
- Provide experts as trainers
- Explore student exchange programs