Recognized under Sec. 3(A) of the UGC Act 1956

YENEPOYA UNIVERSITY
THE NINE PARAMETERS OF MHRD REVIEW COMMITTEE

I. Consideration of The Idea of a University

II. Whether all their present academic activities/programmes could have been carried out without being a deemed to be University and how the status became the stimulus for better performance

III. Conformity to the provisions of the UGC Act and the UGC guidelines for the recognition of an institution as deemed to be University (with special reference to para 4 (a) (i) and 16 of the report)

IV. Aspects of Governance

V. Quality of and innovations in teaching learning process

VI. Research output and its impact

VII. Doctoral and other degree research programmes

VIII. Faculty Resources

IX. Admission process and award of degrees
Consideration of the idea of a University (Parameter i)
Research output (Parameter vi)
PARAMETER (i) CONSIDERATION OF THE IDEA OF A UNIVERSITY

I. Innovations in Academic Programmes including doctoral and postdoc programmes

II. University Centers

III. University as a Place for Generation of New Knowledge (Para-6)

IV. Innovations in Academic Transactions

V. Innovations in Extension /University Social Responsibilities

VI. Best Practices followed by the university
PARAMETER-1

CONSIDERATION OF A UNIVERSITY

INNOVATIONS IN ACADEMIC PROGRAMMES

Utilizing the institutional framework and the autonomy provided by the University status, Yenepoya University aims at holistic development of the students and not merely preparing the students for a call, in tune with the spirit of Dr. Radhakrishnan and Prof. Yashpal Committee Reports and as per the UGC guidelines of 2000 para 4(a).

Our chosen fields of specialization

- Medicine
- Dentistry
- Nursing
- Allied Health and Basic Sciences
Recognized under Sec. 3(A) of the UGC Act 1956
INNOVATIONS IN ACADEMIC PROGRAMMES
CONVENTIONAL COURSES WITH INNOVATIVE CURRICULUM

The Statutory bodies viz., MCI, DCI, INC, etc, visited the constituent colleges several times and satisfied with the state-of-the-art infrastructure, learning resources, student support facilities and the excellent faculty position, etc, recommended enhancement of seats at UG and PG levels as furnished below:

<table>
<thead>
<tr>
<th>Graduate Course</th>
<th>BEFORE-2009</th>
<th>AFTER-2009</th>
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<tbody>
<tr>
<td>M.B.B.S.</td>
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<table>
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<tbody>
<tr>
<td>MD General Medicine</td>
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<td>MS General Surgery</td>
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<td>02</td>
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<td>MS E.N.T</td>
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<td>04</td>
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<tr>
<td>MD Anaesthesia</td>
<td>03</td>
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<td>MS O.B.G</td>
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## CONVENTIONAL COURSES WITH INNOVATIVE CURRICULUM

<table>
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<th>Graduate Course</th>
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<td>MD Respiratory Medicine</td>
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<tr>
<td>MD Radio-Diagnosis</td>
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<tr>
<td>MD Anatomy</td>
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<td>02</td>
</tr>
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<td>MD Physiology</td>
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<td>MD Microbiology</td>
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<td>MD Forensic Medicine</td>
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<td>02</td>
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<tr>
<td>MD Psychiatry</td>
<td>-</td>
<td>02</td>
</tr>
<tr>
<td>MD Community Medicine</td>
<td>-</td>
<td>04</td>
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<tr>
<td>MCh Urology</td>
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## CONVENTIONAL COURSES WITH INNOVATIVE CURRICULUM

Yenepoya Dental College, Mangalore (Sanctioned Intake-as per DCI)

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<tr>
<td>MDS Oral Surgery</td>
<td>04</td>
<td>06</td>
</tr>
<tr>
<td>MDS Paedodontics</td>
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<td>06</td>
</tr>
<tr>
<td>MDS Oral Medicine &amp; Radiology</td>
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<td>MDS Public Health Dentistry</td>
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## CONVENTIONAL COURSES WITH INNOVATIVE CURRICULUM

Yenepoya Nursing College, Mangalore (Sanctioned Intake-as per INC)

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<td>M.Sc. Psychiatry Nursing</td>
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<td>M.Sc. Paediatric Nursing</td>
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<td>M.Sc. OBG Nursing</td>
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<td>M.Sc. Medical Surgical Nursing</td>
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| TOTAL                             | 15          | 25         |
ACADEMIC PROGRAMMES (Contd..)

New Conventional Academic Programmes with Innovative Curriculum

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<th>Programmes</th>
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<tr>
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<td>MD Microbiology</td>
<td>5</td>
<td>MD Physiology</td>
<td>6</td>
<td>MD Forensic Medicine &amp; Toxicology</td>
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<td>7</td>
<td>MD Community Medicine</td>
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<td>MD Pharmacology</td>
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<td>MSc Medical Pharmacology</td>
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<td>Master of Hospital Administration</td>
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ACADEMIC PROGRAMMES  (26 New and Innovative programmes)

<table>
<thead>
<tr>
<th></th>
<th>Post Doctoral fellowship in Craniofacial Surgery</th>
<th>Post Doctoral Fellowship in Cleft Orthodontics</th>
<th>Postgraduate Diploma in Bioethics &amp; Medical Ethics</th>
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<tbody>
<tr>
<td>4</td>
<td>Postgraduate Diploma in Clinical Ethics</td>
<td>Masters in Social Work (Medical)</td>
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**Certificate Courses, Application Oriented Courses (AOC) and Value added Courses**

<table>
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<tr>
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<th>Choice based credit course (electives) in Biomedical Ethics and Environmental Ethics</th>
<th>Applied Ethics for Bachelor in Physiotherapy (BPT) Interns</th>
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<tbody>
<tr>
<td>5</td>
<td>Intensive short training course on Ethical issues in Biomedical research</td>
<td>Certificate course on Hospital Safety &amp;Infection Control</td>
</tr>
<tr>
<td>10</td>
<td>Certificate course in Basics in Health Care &amp; Hospital Planning</td>
<td>Certificate course in Curriculum Development and Innovation in Teaching Methodologies</td>
</tr>
<tr>
<td>12</td>
<td>Certificate course on Implantology</td>
<td>AOC in Ophthalmic Theatre Assistant</td>
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<tr>
<td>14</td>
<td>AOC in Life Saver International First Aid Course</td>
<td>AOC in Child Health</td>
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<tr>
<td>16</td>
<td>AOC in Hospital Information System</td>
<td>AOC in Professionalism and Behavioural Science</td>
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<td>18</td>
<td>AOC in Aesthetic Dentistry</td>
<td>AOC in Minor Oral Surgery</td>
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<td>20</td>
<td>AOC in Management of Special / uncooperative children under conscious sedation</td>
<td>AOC in Basic Ceramic Technology Clinical and Laboratory Procedure</td>
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<td>22</td>
<td>AOC in Paediatric Endodontics</td>
<td>AOC in Clinical Periodontics</td>
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<td>24</td>
<td>AOC in Root Canal treatment</td>
<td>AOC in Tobacco Dependency intervention</td>
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<td>26</td>
<td>Value added course on Bioethics teaching (for BPT and MPT)</td>
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</tbody>
</table>

Recognized under Sec. 3(A) of the UGC Act 1956
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

DOCTORAL DEGREE PROGRAMME (PARA-7)

- Started in 2009 under a senior faculty as Deputy Director for PhD programmes
- UGC Regulations 2009 and the regulations of the other National Regulatory bodies followed
- 104 PhD scholars registered under 32 research guides
- 16 PhD degrees notified
- 21 theses submitted
- 34 synopses submitted
- 106 research articles published by research scholars
ACADEMIC PROGRAMMES (Contd..)

DOCTORAL PROGRAMME
(as per the UGC Ph.D Regulations, 2009 & Regulations of National Regulatory Bodies)

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<tr>
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<td>21</td>
<td>5</td>
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CONSIDERATION OF A UNIVERSITY-PARAMETER-1

UNIVERSITY CENTRES
UNIVERSITY CENTERS FOR INNOVATIONS IN CURRICULUM AND RESEARCH

- CENTER FOR ETHICS
- YENEPOYA RESEARCH CENTRE FOR MULTIDISCIPLINARY RESEARCH
- CENTRE FOR CRANIOFACIAL ANOMALIES
- CENTRE FOR PREVENTION OF SUBSTANCE ABUSE
- CENTRE FOR BIOMATERIALS AND MEDICAL DEVICES
- DIRECTORATE OF RURAL HEALTHCARE AND DEVELOPMENT

UNIVERSITY CENTERS FOR INNOVATIONS IN TEACHING LEARNING PROCESS

- CENTRE FOR HEALTH PROFESSIONALS EDUCATION
- SURGICAL TECHNIQUE LEARNING CENTRE (STLC) AND CLINICAL SKILLS AND SIMULATION LAB
- CENTER FOR ELECTRONIC LEARNING
UNIVERSITY CENTRES - CENTRE FOR ETHICS

Planting a sapling - Research Ethics Workshop May -2013
UNIVERSITY CENTRES - CENTRE FOR ETHICS
CENTRE FOR ETHICS (Established in 2011)

- Offers 6 Unique Innovative Academic Programmes
  - Postgraduate Diploma in Bioethics & Medical Ethics
  - Postgraduate Diploma in Clinical Ethics
  - Choice based credit course (electives) in Biomedical Ethics and Environmental Ethics
  - Applied Ethics for Bachelor in Physiotherapy (BPT) Interns
  - Intensive short training course on Ethical issues in Biomedical research
  - Value added course on Bioethics teaching (for BPT and MPT)
COLLABORATIONS

- Johannes Gutenberg University, Germany
- Department of Health Care Ethics, Duquesne University, Pittsburgh, USA
- Renowned National and International faculty are involved in the academic programmes

RESEARCH ACTIVITIES OF THE CENTRE

<table>
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<th>Research Projects Completed</th>
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<th>Book Chapter Global bioethics</th>
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<tr>
<td>Publications in Journals</td>
<td>12</td>
<td>Conferences attended</td>
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<tr>
<td>Other activities</td>
<td></td>
<td>Organized Five National &amp; International CMEs and Workshops in the areas of Public Health Ethics</td>
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UNIVERSITY CENTRES

YENEOYA RESEARCH CENTRE FOR MULTIDISCIPLINARY RESEARCH

INAUGURATION OF THE UPGRADED YENEOYA RESEARCH CENTRE BY DIRECTOR GENERAL OF ICMR DR. V.M. KATOCH-2013
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UNIVERSITY CENTRES

YENEPOYA RESEARCH CENTRE FOR MULTIDISCIPLINARY RESEARCH
YENPEOYA RESEARCH CENTRE FOR MULTIDISCIPLINARY RESEARCH

OBJECTIVES

- To take up the initiatives and leadership to make University a place for generation of new knowledge.
- To create a new culture of PPP (Presentation, Publication and Patenting)
- To enhance the Research output by way of Patents and Publications
UNIVERSITY CENTRES
YENEPOYA RESEARCH CENTRE FOR MULTIDISCIPLINARY RESEARCH

(Established in 2007 and upgraded in 2013)

Thrust areas of research

- Bacterial quorum sensing
- Biomaterials; Natural products & Drug Discovery
- Alteration of Cell signalling in Cancer and Diseases
- Pharmaceuticals and Nutraceuticals
- Toxicology
- Environmental Studies
- Microbial Drug Resistance
- Parasitology
TRAINING PROGRAMMES OFFERED

- 104 PhD scholars and 156 PG’s are given technical guidance for research
- 13 research scholars (JRF) are pursuing PhD in the chosen fields of research
- 6 Post Doctoral Research Fellows (PDF) work mainly in the Centre
- Offer Guidance for Faculty Research
- Organises weekly invited lectures on Frontier areas of research in each discipline
- Special training programme on Research Methodology and Biostatistics
- Training on Scientific writing and Patenting
UNIVERSITY CENTRES

CENTRE FOR CRANIOFACIAL ANOMALIES (ESTABLISHED IN 2011)

Innovative programmes offered

• Post Doctoral fellowship in Craniofacial Surgery
• Post Doctoral fellowship in Cleft Orthodontics

Collaborations

• Smile Train, USA
• GSR Institute of Craniofacial Surgery, Hyderabad

Unique and specialised works undertaken

• Naso-Alveolar Moulding
• Distraction Osteogenesis of Maxilla

Research Output

• 15 publications
• 10 paper presentations
  2 best paper awards

Contribution to the Society

• 2000 corrective surgeries were carried out free of cost.
UNIVERSITY CENTRES

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CENTRE FOR PREVENTION OF SUBSTANCE ABUSE (ESTABLISHED IN 2012)

- Started Tobacco Cessation Clinics
- Organised Invited lectures and other awareness programmes
- Published 3 research papers related to substance abuse and prevention
- Declared Yenepoya Campus as **Substance Free Campus** (Alcohol, tobacco and Drugs)
UNIVERSITY CENTRES

CENTRE FOR PREVENTION OF SUBSTANCE ABUSE (ESTABLISHED IN 2012)

ANTI TOBACCO CAMPAIGN- OATH TAKING CEREMONY

ANTTI-TOBACCO PROGRAMME
Anti–tobacco awareness camps: Lectures and video presentations about the ill effects of consuming tobacco are given. 10,000 children in and around Mangalore city are covered.
CENTRE FOR BIOMATERIALS AND MEDICAL DEVICES (ESTABLISHED IN 2011)

Working on Newer Materials for Biomedical Applications

• 5 patents filed

• Technology Transfer in 2 cases

Industrial Collaborations

• Shagil Precisions India Pvt Ltd., Mangalore
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UNIVERSITY CENTRES

CENTRE FOR BIOMATERIALS AND MEDICAL DEVICES ESTABLISHED IN 2011
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

UPGRADATION OF RESEARCH INFRASTRUCTURE

- University invested Rs. 24 Crores towards up-grading the infrastructure in the research centres and academic departments
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

SCIENTIFIC MEETS

• 780 scientific meetings viz., clinical society meetings / special lectures / frontier lectures / continuing educational programmes were organised.

• Provided a platform for young researchers to give expression to their scientific research outputs under the leadership of the research centre

• University spent more than a crore for this purpose
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

Clinical Society Meetings
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

SPECIAL/ FRONTIER LECTURES
YENEPOYA UNIVERSITY
Recognized under Sec.3(A) of the UGC Act 1956

UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

CONFERENCES, CME AND WORKSHOPS
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

CME/CDE/CNE/CPE
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

International Conferences
COSMOS → International Conference for Cosmetic, Maxillofacial, ENT and Head and Neck Surgeons Feb 2013
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

UNIVERSITY PUBLICATION

UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

Release of “Archives in Medicine and Health Sciences” (AM&HS) on 26\textsuperscript{th} August 2013
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

Research Output
(Parameter vi)
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

PATENTS

- Twelve patent applications filed
- One of the innovations received appreciation award
- One patent was a finalist in the Medical Healthcare Innovation Awards-2013
- Five more patent applications are in the pipeline
- Technology transfer executed on 2 innovations
The present invention relates to orthodontics implants. Particularly, this invention relates to an orthodontic implant with a built-in retraction mechanism for applying a force to intrude or retract one or more teeth.
The present disclosure relates to an implant site marker, particularly a micropin used to assess possible implant sites for placement of dental implants and a simplified method adopted by an Orthodontist for practically making precise evaluation of pre-surgical radiographic implant site.

- NO: 1590/CHE/2011
Max gym is a dentofacial orthopaedic apparatus, invented and patented by PI, which is used to protract a deficient or a backwardly placed maxillary complex by using variable weights stacked up on a pulley mechanism via a maxillary splint with the hook, bonded to the upper jaw which brings about correction of class III malocclusion.
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

AUTOMATED BRACKET POSITIONING DEVICE

PROTOTYPE
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

ROSID LEVELLER

A DEVICE TO MEASURE PITCH, YAW AND ROLL INORDER TO
CLINICALLY EVALUATE PATIENTS AND IDENTIFY MALOCCUSION IN VARIOUS PLANES OF SPACE
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

APPRECIATION AWARDS

Dr. Shakil M
A Grossing Covering.

• Formalin detoxification histopathological grossing covering.

Dr. Roshni Shetty
A Laser Razor Arrangement

• A special arrangement in laser microtome.
PRESEARCH OUTPUT AND ITS IMPACT

Publications in peer reviewed Journals

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<tr>
<td>2012</td>
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UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

PUBLICATIONS

The records of publications and citations in the SCOPUS Database

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<td>2013</td>
<td>44</td>
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Citations in Scopus for these articles as of Jan 2014*
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

PUBLICATIONS
Details of the publications in Impact Factor Journals

<table>
<thead>
<tr>
<th>Journal Impact Factor*</th>
<th>No. of papers</th>
<th>Journal H-Index**</th>
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* Journal Citation Reports 2012  **From SCIMAGO Journal rank
http://www.scimagojr.com

The records of publications and citations in the SCOPUS Database
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

PROJECTS

Externally Funded Projects:
• 11 (PI based) extramural major research projects- Total grants received: 273.11 lakhs
• External funding agencies such as DBT, BRNS, MoEF, ICMR and other professional bodies
• 16 new projects are at various stages of consideration (applied and are under review)

Internally funded projects
• Supporting research projects through ‘Seed grant’ scheme.
• 24 projects are ongoing with a funding of Rs.55 lakhs.

<table>
<thead>
<tr>
<th></th>
<th>Extramural Major</th>
<th>Intramural</th>
<th>Short term Research Projects</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Faculty</td>
</tr>
<tr>
<td>Ongoing</td>
<td>5</td>
<td>24</td>
<td>33</td>
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<tr>
<td>Completed</td>
<td>6</td>
<td>6</td>
<td>120</td>
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</table>

*Include ICMR – STS Projects
### UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

#### CONFERENCE PRESENTATIONS AND RECOGNITIONS

<table>
<thead>
<tr>
<th>Year</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>Total</th>
</tr>
</thead>
<tbody>
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<td>98</td>
<td>83</td>
<td>114</td>
<td>92</td>
<td>464</td>
</tr>
<tr>
<td>Postgraduate/undergraduates</td>
<td>113</td>
<td>105</td>
<td>92</td>
<td>126</td>
<td>170</td>
<td>606</td>
</tr>
<tr>
<td>Best paper presentation awards</td>
<td>Faculty</td>
<td>Postgraduates</td>
<td>Undergraduates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>36</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of faculty as editors/ editorial board members</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>32</td>
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UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

COLLABORATIONS (OVERSEAS)

<table>
<thead>
<tr>
<th>Collaborating Institute</th>
<th>Country</th>
<th>Purpose(s)</th>
</tr>
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<tbody>
<tr>
<td>University Medical Centre of Johannes Gutenberg University</td>
<td>Germany</td>
<td>Scholarly and cultural Co-operation</td>
</tr>
<tr>
<td>Mainz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duquesne University Pittsburgh</td>
<td>USA</td>
<td>Scholarly and cultural Co-operation</td>
</tr>
<tr>
<td>University of Murcia</td>
<td>Spain</td>
<td>Erasmus Mundus- Action 2, Strand-1 Joint project</td>
</tr>
<tr>
<td>University of Porto</td>
<td>Portugal</td>
<td>Scholarly and cultural Co-operation</td>
</tr>
<tr>
<td>Nobel College and Nobel Hospital Pvt. Ltd.</td>
<td>Nepal</td>
<td>Academic Collaboration, Research Collaboration,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exchange of Staff &amp; Students &amp; Joint Programs</td>
</tr>
<tr>
<td>The Smile Train</td>
<td>USA</td>
<td>International Charity Organization for Correction of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cleft and Craniofacial Anomalies</td>
</tr>
<tr>
<td>Oxford Gene Technology</td>
<td>UK</td>
<td>For specific ongoing research projects</td>
</tr>
</tbody>
</table>
Exchange of MoU between Dr. Henk Ten Have, Director Director, Center for Healthcare Ethics, Duquesne University, Pittsburgh, USA (former Director UNESCO Division of Ethics of Science and Technology - Paris) and Dr. Vina Vaswani, Director, Centre for Ethics, Yenepoya University, Mangalore, India – Amsterdam, The Netherlands - May 2011
# UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

## COLLABORATIONS (NATIONAL)

<table>
<thead>
<tr>
<th>Collaborating Institute</th>
<th>Country</th>
<th>Purpose(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agappe Diagnostics, Kerala</td>
<td>India</td>
<td>Research Collaboration and Technology Transfers</td>
</tr>
<tr>
<td>Mangalore Institute of Oncology, Mangalore</td>
<td>India</td>
<td>Research, training &amp; patient care</td>
</tr>
<tr>
<td>Govt. of Kerala</td>
<td>India</td>
<td>Treatment for Endosulphan exposed population in Kerala</td>
</tr>
<tr>
<td>Yen- Sahayog: MOU with 17 Service organizations and Institutions</td>
<td>India</td>
<td>Providing Health Care Services and Research</td>
</tr>
<tr>
<td>Shagil Precisions India Ltd. Mangalore</td>
<td>India</td>
<td>Development of Medical Devices and Precision equipments (under process)</td>
</tr>
<tr>
<td>The School of Social Work, Roshni Nilaya, Mangalore</td>
<td>India</td>
<td>Academic collaboration, research collaboration and staff and student exchange</td>
</tr>
<tr>
<td>Dept. of PG Studies and Research in Chemistry, Mangalore University</td>
<td>India</td>
<td>Research &amp; training in pharmaco-chemistry and synthetic drug development and testing</td>
</tr>
<tr>
<td>Pushpagiri Research Centre, Kerala</td>
<td>India</td>
<td>Joint Research &amp; training in Molecular Biology</td>
</tr>
<tr>
<td>St. Aloysius College, Mangalore</td>
<td>India</td>
<td>PG Dept. of Biochemistry &amp; PG Dept. of Pharmacology</td>
</tr>
<tr>
<td>Mangalore University, Mangalore</td>
<td>India</td>
<td>PG Dept, studies and research in Chemistry</td>
</tr>
</tbody>
</table>
Recognized under Sec. 3(A) of the UGC Act 1956

UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE COLLABORATIONS (NATIONAL)
INNOVATIONS IN EXTENSION (Parameter i)
Innovations in Extension

Apart from Community Medicine, Community Dentistry and Community Nursing Departments of the constituent colleges;

Two Exclusive University Centers on Extension

- Directorate of Rural Health Care and Development
- Center for Medico Social Works
Exclusive Directorate to take medical education and healthcare delivery to the rural and outreach population

**Unique Programmes**
- Healthcare on wheels
- Door to door healthcare delivery programme
- Yen Health card & Yen Arogya Card
- Rural Orientation of Medical and Dental Education

**Routine Programmes**
- Awareness camps
- Detection camps
- Blood grouping camps
- Immunization camps
- Treatment camps
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

- Directorate has established 24 sub centres
- Adopted 3 villages covering population of 2 lakhs
# INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES

## DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

<table>
<thead>
<tr>
<th>Name of the Innovative Programmes</th>
<th>No of Beneficiaries under the RHCD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2010</td>
</tr>
<tr>
<td>Yen Health Care on Wheels</td>
<td>822</td>
</tr>
<tr>
<td>Door to Door Health Care Delivery</td>
<td>6,250</td>
</tr>
<tr>
<td>Yen Health Card</td>
<td></td>
</tr>
<tr>
<td>Community orientation of medical and dental education - started in 2014</td>
<td></td>
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</table>

## Other Programmes

<table>
<thead>
<tr>
<th>Other Programmes</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Awareness talks</td>
<td>6,419</td>
<td>4,080</td>
<td>7,370</td>
<td>4,149</td>
<td>22,018</td>
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<tr>
<td>Detection Camps</td>
<td>34,173</td>
<td>16,702</td>
<td>10,250</td>
<td>12,224</td>
<td>73,349</td>
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<tr>
<td>School health check ups</td>
<td>2,452</td>
<td>277</td>
<td>4,726</td>
<td>4,823</td>
<td>12,278</td>
</tr>
<tr>
<td>Blood Grouping camps and creation of donors’ forums</td>
<td>1,072</td>
<td>1,160</td>
<td>1,640</td>
<td>1,397</td>
<td>5,269</td>
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<tr>
<td>Immunization camps</td>
<td>237</td>
<td>367</td>
<td>181</td>
<td>386</td>
<td>1171</td>
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<td>Treatment Camps</td>
<td>1,434</td>
<td>1,030</td>
<td>3,415</td>
<td>3,377</td>
<td>9,256</td>
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</table>
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

KOTEPURA CENTRE  
KODI CENTRE  
MOGAVEERAPATNA CENTRE

HALEKOTE /AKKAREKERE CENTRE  
DHRARANDHABAGILU CENTRE  
MUKACHERRY CENTRE

THOKKOTU CENTRE  
KUMPALA CENTRE  
LAKSHMI GUDDA CENTRE
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INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

MUNNUR/SANTHOSH NR GUARD CENTRE
SEVANTHIGUDDE CENTRE
NATEKAL CENTRE

BANDIKOTTIYA CENTRE
HALEKALA CENTRE
THUMMINADU CENTRE

PACHAMBALA CENTRE
BENGRE CENTRE
KUDROLI CENTRE
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – UNIQUE ACTIVITIES

DOOR TO DOOR HEALTH CARE DELIVERY
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – UNIQUE ACTIVITIES

HEALTH CARE ON WHEELS
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – UNIQUE ACTIVITIES
YEN HEALTH CARD

HEALTH CARD DISTRIBUTION AT CHETAN NAGAR - KUMPALA

HEALTH CARD DISTRIBUTION AT CLICK HALL- THOKKOTTU
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – UNIQUE ACTIVITIES

COMMUNITY ORIENTATION OF DENTAL AND MEDICAL EDUCATION
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – ROUTINE ACTIVITIES

AWARENESS PROGRAMMES

Health Awareness Talk Malaria Day and Blood Donation Awareness Programme at Dharandhabagilu on 24.04.2010

Malaria Awareness Programme at Kasaba Bengre

Health Awareness Programme at Tippu Sultan School at Kotepura on Physiotherapy on 08.01.2010
National Education Day at Kotepura

Health Talk “World Tobacco Day” & “World Environment Day” at Mogaveerapattna School

Health Talk on “Women’s Rights” at Kudroli on 08.03.2011

World AIDS Day Health Awareness Talk & Role Play by B.Sc. Nursing Students at Talapady School on 01.12.2010
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – ROUTINE ACTIVITIES

DETECTION AND IMMUNIZATION CAMPS
INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – ROUTINE ACTIVITIES
SCHOOL HEALTH CHECK UP

SCHOOL HEALTH CHECK UP AT BHAGAVATHI SCHOOL - TALAPADY

SCHOOL HEALTH CHECK UP AT AMBLAMOGARU
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – ROUTINE ACTIVITIES
BLOOD GROUPING CAMPS
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT
TREATMENT CAMPS
INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT – ROUTINE ACTIVITIES
TREATMENT CAMPS

Health Check Up at Govt. School, Ombattukere

Medical Check Up Camp for Students at St. Sebastin School, Thokkotu on 27.01.2010

Health Check Up at Madani School, Akkarekere
OUTREACH CAMPS FOR DENTAL HEALTH CARE AND TREATMENT
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION/UNIVERSITY SOCIAL RESPONSIBILITIES

DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

Dental Peripheral Centers

Balepuni centre

Kedambady centre

Razia Hospital

Zulekha centre

Kotekar PHC

Kurnad PHC

Natekal PHC
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES
DIRECTORATE OF RURAL HEALTH CARE AND DEVELOPMENT

Olavina Halli old age home
RECOGNIZED UNDER SEC. 3(A) OF THE UGC ACT 1956

INNOVATIONS IN EXTENSION
CENTRE FOR MEDICO SOCIAL WORKS
## INNOVATIONS IN EXTENSION / UNIVERSITY SOCIAL RESPONSIBILITIES

### Extension Activities under the Centre for Medico Social Work

<table>
<thead>
<tr>
<th>Year</th>
<th>Medical camps</th>
<th>Ophthal. camps</th>
<th>Blood donation camps</th>
<th>Balepuni satellite camps</th>
<th>School screening camps</th>
<th>Total</th>
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<tbody>
<tr>
<td>2010</td>
<td>5046</td>
<td>219</td>
<td>822</td>
<td>1307</td>
<td>399</td>
<td>7793</td>
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<tr>
<td>2011</td>
<td>6647</td>
<td>908</td>
<td>556</td>
<td>1270</td>
<td>1369</td>
<td>10750</td>
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<tr>
<td>2012</td>
<td>10786</td>
<td>1551</td>
<td>745</td>
<td>1071</td>
<td>763</td>
<td>14916</td>
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<td>414</td>
<td>583</td>
<td>3877</td>
<td>13786</td>
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### No. of patients covered

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>23</td>
<td>33</td>
<td>30</td>
<td>39</td>
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<tr>
<td>2011</td>
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<td>2012</td>
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</tr>
<tr>
<td>2013</td>
<td>46</td>
<td>53</td>
<td>48</td>
<td>19</td>
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### No. of patients treated in YMCH

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>202</td>
<td>48</td>
<td>32</td>
<td>9</td>
</tr>
<tr>
<td>2011</td>
<td>150</td>
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<td>2012</td>
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<td>2013</td>
<td>1664</td>
<td>2072</td>
<td>1509</td>
<td>976</td>
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</table>

### Collaborations with NGOs

- Recognized under Sec. 3(A) of the UGC Act 1956
INNOVATIONS IN EXTENSION /UNIVERSITY SOCIAL RESPONSIBILITIES

Extension activities under the Centre for Medico Social Work

<table>
<thead>
<tr>
<th>District Blindness Control Scheme: Grant-in-Aid Programme</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total no. of patients covered</td>
<td>101</td>
<td>113</td>
<td>73</td>
<td>49</td>
<td>336</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Dental Camps</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of camps</td>
<td>76</td>
<td>80</td>
<td>157</td>
<td>287</td>
<td>600</td>
</tr>
<tr>
<td>Total no. of patients</td>
<td>5947</td>
<td>5348</td>
<td>8040</td>
<td>8713</td>
<td>28048</td>
</tr>
</tbody>
</table>

Recognized under Sec. 3(A) of the UGC Act 1956
BEST PRACTICES (Parameter i)
PHILANTHROPIC ACTIVITIES TOWARDS FULFILLING SOCIAL RESPONSIBILITIES

- **Free seats** for less privileged through merit cum means in all disciplines
- **Ashraya** - a student charitable trust to inculcate social responsibilities and provide help to economically marginalized patients.
- **Academic Excellence Awards** to the meritorious brilliant students of schools and colleges of the nearby districts.
- **Free** medical, dental and physiotherapy **treatment** for the patients in the hospital and **free diet** amounting to several lakhs of rupees.
BEST PRACTICES

Academic Excellence Awards

Recognized under Sec. 3(A) of the UGC Act 1956
BEST PRACTICES

ECO FRIENDLY CAMPUS

- Rain water harvesting system
- Optimal utilization of non-conventional energy sources
- Waste water recycling system and utilization of the treated water for gardening and flushing
- Organic and Biodegradable waste recycling by Vermicomposting and Biogas
- Herbal Garden with rare medicinal plants from Western Ghats
- Environmental Cell

PLACEMENT AND CAREER GUIDANCE CELL

- Placement Cell is involved in guiding the graduates and post graduates to get placement in reputed institutions in India and overseas.
BEST PRACTICES

RAIN WATER HARVESTING
BEST PRACTICES

ECO FRIENDLY CAMPUS - YEN SQUARE
BEST PRACTICES

Recognized under Sec. 3(A) of the UGC Act 1956
BEST PRACTICES

UNIVERSITY PUBLICATIONS

- UNIVERSITY JOURNAL: Archives of Medicine and Health Sciences” (AM&HS)-
- IQRA: Quarterly publication with single theme scholarly articles and important events to showcase the institutional achievements
- STUDENT MAGAZINES: Students magazines and newsletter to showcase the students achievements and literary skills and talents
BEST PRACTICES

STUDENT MAGAZINES
BEST PRACTICES

READY PROGRAMME FOR ALL ROUND DEVELOPMENT

➢ For undergraduates, READY PROGRAMME (Readiness-Enhancement-All round- Development @Yenepoya) was developed to instil professionalism with strong ethical convictions, communications skills, social skills and leadership qualities.

➢ In collaboration with PROTRACK EDUCATION, ALL@Y (Action-Learning-Leadership), is introduced for administrative and non-teaching staff to address the current and future needs of core competencies across the organization.

STUDENT INFORMATION SYSTEM

➢ Information regarding each student with regard to regularity of attendance, performance during evaluations, adherence to discipline etc. are conveyed on a day to day basis to the parents on line and thorough the mobile alerts.

SUBSTANCE FREE AND PLASTIC FREE CAMPUS
BEST PRACTICES

ACTIVITIES OF NSS AND YOUTH RED CROSS

- The University organizes and observes important days, weeks and co-curricular activities, camps etc. under the auspicious of NSS unit and Youth Red Cross.

SPORTS AND CULTURAL ACTIVITIES

- A separate University Department of Physical Education and Sports
- State-of-Art Indoor Stadium Complex (YENDURANCE ZONE) with Multi-Gym and Mini Theatre
- Grass turfed multipurpose Ground and various outdoor courts

ACTIVITIES ORGANISED

- University Annual Athletic Meets
- Inter University tournaments- Teams are trained and sent to all tournaments of AIU
- Annual Intercollegiate tournaments (Football, Basketball, Volleyball, Tennis and Cricket)
- Annual Cultural Fest
- Prepare the students for Intercollegiate and Inter-University cultural meets including Youth Festivals of AIU
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

UPGRADATION OF RESEARCH INFRASTRUCTURE

- University invested Rs. 15 Crores towards up-grading the infrastructure in the research centres and academic departments
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

SCIENTIFIC MEETS

• 780 scientific meetings viz., clinical society meetings / special lectures / frontier lectures / continuing educational programmes were organised.

• Provided a platform for young researchers to give expression to their scientific research outputs under the leadership of the research centre.

• University spent more than a crore for this purpose.
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

Clinical Society Meetings
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

SPECIAL/ FRONTIER LECTURES
YENEPOYA UNIVERSITY
Recognized under Sec.3(A) of the UGC Act 1956

UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

CONFERENCES, CME AND WORKSHOPS
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

**International Conferences**

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*Hearty Welcome to all Delegates to the 3rd International Conference on* 

**GENETIC AND MOLECULAR DIAGNOSIS IN MODERN MEDICINE AND BIOLOGY 2010**
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

COSMOS→ International Conference for Cosmetic, Maxillofacial, ENT and Head and Neck Surgeons Feb 2013
UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

UNIVERSITY PUBLICATION

UNIVERSITY AS A PLACE FOR GENERATION OF NEW KNOWLEDGE

Release of “Archives in Medicine and Health Sciences” (AM&HS) on 26th August 2013
Learning Resources (Parameter i)
STRENGTHENING OF LEARNING RESOURCES

LIBRARY AS A PLACE FOR TEACHING AND LEARNING

Books/Journals/Online journals Added in the Last Five Years
### Library as a Place for Teaching and Learning

Number of books/Journals/Online Journals added in the year 2013-14 with total cost

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Total cost (Rs) (in Lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>1420</td>
<td>33.48</td>
</tr>
<tr>
<td>Journals/Periodicals</td>
<td>258</td>
<td>84.80</td>
</tr>
<tr>
<td>Online Journals &amp; Books</td>
<td>2889</td>
<td>16.00</td>
</tr>
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</table>
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN TEACHING LEARNING AND EVALUATION

STRENGTHENING OF LEARNING RESOURCES

LIBRARY AS A PLACE FOR TEACHING AND LEARNING

- MEDLINE with Full Text Database
  - 1470 e-journals

- Dentistry & Oral Source database
  - 190 e-journals

- CINAHL Plus
  - 770 e-journals

- HELINET Database
  - 459 e-journals
  - 600 e-books

- INFONET Database
  - 4453 e-journals
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

LIBRARY AS A PLACE FOR TEACHING AND LEARNING

LIBRARY ORIENTATION PROGRAM

DIGITAL LIBRARY
INNOVATIONS IN TEACHING LEARNING AND EVALUATION
LIBRARY AS A PLACE FOR TEACHING AND LEARNING

JOURNAL CLUBS AND TOPIC DISCUSSION
STUDENT SUPPORT FACILITIES
PTS Meetings

Parent teacher student meetings are conducted for the first and second year students of Yenepoya University.

PTS Meetings are organized twice a year.

Deans, HODs, Faculty, Mentors, Wardens and DD Student Welfare are present at the PTS meetings to answer and discuss various queries of the students and the parents.
MENTORS IN PTS MEETINGS
STUDENT SUPPORT FACILITIES

Remedial Classes

• The Slow Learners are identified
  ➢ Remedial classes are offered
  ➢ Categorized into two groups
  ❖ Students who have scored below 25 /70
    Discussions and tests after college hours twice a week
  ❖ Students who have scored below 35 /70
    Weekly tests chapter wise and Periodic assessment

• Advanced learners are helped in project work and are encouraged to apply for grant for research projects
STUDENT SUPPORT FACILITIES - CULTURAL ACTIVITIES
YOGA CLASSES

AEROBIC CLASSES
STUDENT SUPPORT FACILITIES - P.C. Zahir Memorial South India Inter collegiate Football tournament Inauguration
Organizational Structure
### GOVERNANCE - BOARD OF MANAGEMENT

- MoA and Byelaws are as per UGC Regulations and Guidelines
- BoM is the highest governing body and is according to the 2010 UGC Regulations

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Dr. P. Chandramohan, Vice Chancellor</td>
<td>Chairperson</td>
</tr>
<tr>
<td>(Former Vice Chancellor Kannur University, Kerala)</td>
<td></td>
</tr>
<tr>
<td>2 Prof. M. I. Savadatti, Former Vice Chancellor, Mangalore University</td>
<td>Members, Chancellor’s Nominee</td>
</tr>
<tr>
<td>3 Prof. Vivek Rai, Former Vice Chancellor, Kannada University, Hampi</td>
<td>Members</td>
</tr>
<tr>
<td>4 Prof. K. Siddappa, Former Vice Chancellor, Bangalore University</td>
<td></td>
</tr>
<tr>
<td>5 Dr. Asha P. Shetty, Dean of Faculty of Nursing</td>
<td>Members</td>
</tr>
<tr>
<td>6 Prof. Padmakumar, Dean of Faculty of Allied health and basic sciences</td>
<td>Members, Faculty, based on the seniority</td>
</tr>
<tr>
<td>7 Dr. Vina Vaswani, Professor and Head, Dept. of Forensic Medicine &amp; Toxicology and Director, Centre for Ethics</td>
<td>Members</td>
</tr>
<tr>
<td>8 Dr. Sham S Bhat, Professor and Head, Dept of Paedodontics</td>
<td></td>
</tr>
<tr>
<td>9 Vacant</td>
<td>Eminent academic: nominee by the Central Govt./UGC</td>
</tr>
<tr>
<td>10 Mr. Y. Mohammad Kunhi Chairman, Yenepoya Group *</td>
<td>Nominee of the Sponsoring Body</td>
</tr>
<tr>
<td>11 Dr. C. V. Raghuveer, Registrar, (Former Dean, KMC)</td>
<td>Secretary</td>
</tr>
<tr>
<td>12 Prof. K. P. Jayarajan, Controller of Examinations</td>
<td>Permanent Invitees</td>
</tr>
<tr>
<td>13 Dr. Ghulam Jeelani Qadiri, Dean, Faculty of Medicine</td>
<td></td>
</tr>
<tr>
<td>14 Dr. B. H. Sripathi Rao, Dean, Faculty of Dentistry</td>
<td></td>
</tr>
</tbody>
</table>
OTHER AUTHORITIES OF THE UNIVERSITY

BOARDS OF STUDIES AND OTHER COMMITTEES

• There are forty department/subject-wise BOS.
• BOSs are grouped into four faculties viz. Faculty of Medicine (23 BoS), Dentistry (10 BoS), Nursing (5 BoS) and Allied Health and Basic Sciences (2 BoS)
• There are 17 other statutory committees as stipulated in the Byelaw
• 30 more committees are constituted by the Board of Management to systematically organise the various activities of the University

All important academic decisions are initiated by BOS and finalized by BOM after deliberations at the levels of faculty and academic council.
Important decisions taken by the Board of Management after deliberations at the level of Academic council, Faculty, Boards of Studies, etc.

- Strengthening the infrastructure including learning resources and student support facilities
- Starting of University Centres for innovations in academic programmes and better research output
- Inclusion of innovative components to the curriculum of existing conventional courses
- Starting of new conventional courses with innovative curriculum
- Starting of new and innovative courses
- Starting of Doctoral programmes
- Starting of Post Doctoral programmes
- Establishment of the Centre for Health Professional Education, e-learning centre, Surgical Technique Learning Centre, etc,
- Introduction of e-learning
- Introduction of training programme on Hospital Information System for post graduates and interns
- Introduction of community orientation of medical and dental education
- Introduction of OSCE and OSPE
- Introduction of continuous evaluation at the post graduate level
Important decisions taken by the Board of Management after deliberations at the level of Academic council, Faculty, Boards of Studies, etc.

- Augmentation of research facilities in all the university departments and University Research Centre
- Publishing a Scientific Journal (AMHS)
- Publications and presentations made compulsory at PG and PhD levels
- Publications made compulsory for career advancement
- Implementation of JRF, PDF, Seed grant for research projects, appointment of Adjunct and Visiting Faculty
- Incentives for publications and presentation of papers in various academic forums
- Strengthening of the extension activities and the extramural studies
- Initiated certain unique best practices viz., Herbal garden, Rain Water Harvesting, Green campus initiative with green auditing, utilisation of non-conventional renewable energy resources, etc.
Innovations in Teaching Learning Process
(Parameter v)
INNOVATIONS IN TEACHING LEARNING PROCESS

Exclusive University Centers for training teachers and Post-Graduates on Latest Gadgets of education

- Centre for Health Professionals Education
- Center for Electronic Learning
- Surgical Technique Learning Centre and Clinical Skills and Simulation Lab
- Library as a place for teaching and learning
CENTRE FOR HEALTH PROFESSIONALS EDUCATION (CHPE) (Established in 2011)

- Six **FAIMER** (Foundation in Advances in International Medical Education Research) Fellows as Faculty
- Sensitize faculty and postgraduates to the new gadgets of pedagogy through workshops and group discussions, Eg. Problem based learning, Collaborative learning, Evidence Based Learning, Microteaching, etc.
- OSCE, OSPE, Card system for Viva, Continuous Evaluation for postgraduates etc. could be introduced with the help of CHPE.
- **Academic programme offered** - Certificate course in Health Professionals Education
- **Scientific Sessions Conducted** - 17 Workshops in the last three years
- **Publications in the area of Health Professionals Education** – 10
FIRST TRAINING OF TRAINERS WORKSHOP CONDUCTED
BY MEDICAL EDUCATION UNIT, YMC AND ST. JOHN’S MEDICAL
COLLEGE, BANGALORE. 6-8, APRIL 2011

YENEPYA MEDICAL COLLEGE
YENEPYA DENTAL COLLEGE
YENEPYA PHYSIOTHERAPY COLLEGE
YENEPYA NURSING COLLEGE

Lower Row (L to R): Dr. Vivek, Dr. Nachiket, Dr. Manjunath, Mr. Mohan, Dr. John, Dr. Majra, Dr. Ashok, Dr. Suneetha, Dr. Aras, Dr. Vina, Dr. Shafi, Dr. Latha, Dr. Prema, Dr. Vani,
Upper Row (L to R): Dr. Ravi, Dr. Sai, Dr. Althaf, Dr. George, Dr. Asif, Dr. Radhakrishna, Dr. Manohar, Mr. Sharif, Dr. Deepak, Dr. Joythis, Dr. Rohan, Dr. Vinitha, Dr. Vidya, Dr. Rekha, Ms. Mercia, Ms. Vinitha
FACULTY DEVELOPMENT PROGRAMMES
INNOVATIONS IN SYLLABI, TEACHING LEARNING AND EVALUATION

Innovations in Syllabi

- Syllabus at the UG and PG levels regularly reviewed in the Board of Studies once in six months updated and enriched.
- Skill component enhanced
- Continuous evaluation introduced
- Research became an integral part of PG and UG programmes

Teaching Learning Process:

- Establishment of CHPE
- Starting of e-learning
- Training in HIS for post graduates and interns
- Introduction of problem based learning
- Micro teaching
- Collaborative teaching and learning

Evaluation

- Introduction of OSCE and OSPE for undergraduates
- Introduction of continuous evaluation at the PG level
- Introduction of card system for viva
Undergraduate Level

– Use of software
– Case based learning
– Team based learning
– Integrated learning
– Crossword puzzle
– Integrated seminars
– e learning
– Quiz programs
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Innovative Teaching Tools

Eg. Use of Dolphin Imaging Software:

Use of state of the art, internationally acclaimed, Cephalometric analysis and treatment simulation software “Dolphin Imaging Software”.

Dolphin imaging tightly integrates with digital x-ray units, CBCT systems, telephonic solutions and web-enabled applications, and are compatible with the latest operating systems and computers including Intel-based Macintosh computers.
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Chair side discussion and demonstrations

Wi-fi and LAN facility for advanced learning
Self Directed Learning

Role Play on End of Life Decision making

Collaborative Learning

Small group discussion on how to resolve ethical dilemmas

Experiential Learning

Case based learning (Problem solving)
VERTICAL INTEGRATION
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

TEAM BASED LEARNING

CASE BASED LEARNING

Team 5

• Name 4 differences between anterior and posterior pituitary
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Pre clinical exposure
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Cross word Puzzle Quiz

Integrated seminars

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INNOVATIONS IN TEACHING LEARNING AND EVALUATION

QUIZ

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INNOVATIONS IN TEACHING LEARNING AND EVALUATION
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Group discussion and Demonstrations

Under graduate discussion by Post graduate students
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

YENGAGE ➔ Online exam for PG’s
INNOVATIONS IN TEACHING, LEARNING AND EVALUATION

CENTRE FOR ELECTRONIC LEARNING (Established in 2010)

- Introduced e-learning for I MBBS and I BDS in 2011
- A new software (ILIAS) YENGAGE was built inhouse and implemented for online access
- Laptops distributed to MBBS and BDS students
- Training imparted to the faculty in a phased manner
- Medical and Dental Colleges, Central Library, and all the Hostels are Wi-Fi enabled
- Approximately a budget of Rs. 2 crores has been spent for upgradation of the IT infrastructure.
- The process of introduction of e-learning and online evaluation is complete for pre and para clinical departments. The same is being introduced for clinical graduate, postgraduate, doctoral and post doctoral programmes.
- A new high end software BACKBONE procured, installed and introduced Hospital Information System and the interns and postgraduates are being offered training as an Add on Course
- National Award (‘Certificate of Excellence by e-INDIA Awards’) for the training programme on HIMS
INNOVATIONS IN TEACHING LEARNING AND EVALUATION

CENTRE FOR ELECTRONIC LEARNING
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN TEACHING LEARNING AND EVALUATION

YENGAGE ONLINE REPOSITORY
Recognized under Sec. 3(A) of the UGC Act 1956

INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Under Graduate Preclinical (Dental) “Skill Lab”

Under Graduate Clinical (Dental)
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INNOVATIONS IN TEACHING LEARNING AND EVALUATION

Post Graduate Preclinical (Dental) (PHANTOM HEAD LAB / SKILL LAB)

Post Graduate Clinical (Dental)
Faculty Resources

- Professors
- Associate Professors
- Assistant Professors
- Assistant Lecturer/Tutor/Residents

Recognized under Sec. 3(A) of the UGC Act 1956
Faculty have higher qualifications other than the prescribed qualification by the National Regulatory Bodies.

- 32 faculty are recognized as members of Editorial Boards of Scientific Journals related to their specialty
- 90 faculty have received recognitions and awards for their outstanding performances.
- 14 Adjunct / Visiting Professors in various University Departments
- 20 faculties have received prestigious fellowships and travel grants by the Govt. agencies and awards by the professional bodies
- 6 Young faculty members received Young Scientist Award

FACULTY ENRICHMENT PROGRAMMES

- 17 Workshops on new pedagogic techniques by CHPE
- 142 Continuing Education programmes (CME, CDE, CNE, CPE, etc,) in various academic departments
- 68 Workshops and hands on training under various academic departments
- 13 Training Programmes on Research Methodology and Biostatistics by the Research Centre
- Incentives/grants to motivate faculty for engaging in serious research
ADMISSION PROCEDURE AND AWARD OF DEGREES

- A credible admission system from the inception itself
- All India Entrance Test at Multiple Centers giving wide publicity.
- Admission procedure consist of publication of advertisement, issue of hall ticket, conduct of examination, uploading of the answer key on the website, preparation of the final list based on merit and counselling.
- Admission procedure within the deadlines prescribed by the Hon’ble Supreme Court of India
- Fee Fixation by Fee Fixation Committee headed by the former Judge of Karnataka

EXAMINATION AND AWARD OF DEGREES

- Examination is conducted strictly on the basis of the examination calendar under CCTV Surveillance
- Direct surveillance by faculty supervisors
- Confidential flying squads
- Malpractice Enquiry Committee
- Answer books, marks card, provisional certificate and degree certificate are provided with multiple security features
Degrees awarded at Annual Convocation/ in Absentia
Three convocations were held

DEGREES AWARDED

<table>
<thead>
<tr>
<th>Course</th>
<th>Degree/Diploma Awarded</th>
<th>Total Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>BDS</td>
<td>61</td>
</tr>
<tr>
<td></td>
<td>PBBSC Nursing</td>
<td>58</td>
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<tr>
<td></td>
<td>BSc Nursing</td>
<td>40</td>
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<tr>
<td>Postgraduate</td>
<td>MDS</td>
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<td>MD/MS</td>
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<td></td>
<td>MSc Nursing</td>
<td>36</td>
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<td></td>
<td>MPT</td>
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<tr>
<td>PG Diploma</td>
<td>PG Diploma in Bioethics &amp; Medical Ethics</td>
<td>15</td>
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<tr>
<td>Doctoral</td>
<td>PhD</td>
<td>10</td>
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<td><strong>Grand Total</strong></td>
<td></td>
<td><strong>433</strong></td>
</tr>
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</table>
Recognized under Sec. 3(A) of the UGC Act 1956

ADMISSION PROCEDURE AND AWARD OF DEGREES

1st Convocation Address Delivered by Dr. V. Shanta

2nd Convocation Address Delivered by Mr. K. Rahman Khan

3rd Convocation Address Delivered by Justice M.S.A. Siddiqui
Growth in IT Infrastructure
Software’s Implemented

Implementation of Software (Backbone) Hospital Management & Information System:

- A Complete Healthcare Management Software suite managing the patient care, billing, HR, laboratory, inventory, purchase etc.
- An innovative training programme for post graduates and interns on Hospital Management and Information System as an Add on course (Electronic medical records management).
- National Award (‘Certificate of Excellence by e-INDIA Awards’) for the training programme on HIMS

Implementation of Health Card Software:

- Software to register and manage health cards provided by medical college hospital. Currently about 30,000 Yen-Arogya Health cards are printed and distributed.
Implemented Software

- **Implementation of online Hostel Management System Software:** A complete hostel management software which takes care of student hostel attendance, mess and billing details.

- **Implementation of Student Management system: (SIS)** Database management system for managing students of Yenepoya University. Contains student demography, right from the admission of a student to student pass out details, including attendance, examination results, course details, printing of marks cards and financials. Monthly update to parents about students’ progress in sessional exams and attendance is performed.
Implemented Software

Implementation of electronic learning (e-learning and community portal): Yengage

• Controlled access to student, teaching and non teaching staff, and management through secured portal.

• Participation in user groups, forums, surveys and online tests.

• Course content is provided online prior to the classes conducted in the class room.

• Offline interactive sessions between student and teachers are conducted.

• Currently I, II & III MBBS and BDS students are utilizing Yengage for online activities. There is 100% participation from above mentioned courses.

• PhD and Center for Ethics programs currently make full use of e-learning facilities.
SUGGESTION 6-THE POLICY SHOULD BE ESTABLISHED FOR PROMOTION OF NON-TEACHING, SUPPORT AND TECHNICAL STAFF AS WELL AS TO IDENTIFY MERITORIOUS WORKERS AMONG THEM. THEY SHOULD BE REWARDED THROUGH INCENTIVE SCHEMES.

- Regular promotions are given on the basis of seniority and performance as per University Bye-laws
- In house training is offered on administration utilizing ICT tools
- In house training is provided for Professional development in collaboration with PROTRAC

The following welfare measures are taken:

- Loan availability for construction of house, purchase of vehicle, marriage, etc.
- Health coverage to the employees and their relatives - YEN AROGYA SCHEME
- Facility for schooling of children of employees at subsidized rates
- Free transport and accommodation
SUGGESTION 7- THE UNIVERSITY MUST ESTABLISH “EARN WHILE YOU LEARN” SCHEME TO HELP NEEDY STUDENTS AND TO CONVEY THE IMPORTANCE OF WORK IN HAND.

Scheme introduced in 2011 by posting UG students to help and assist Library staff, on payment basis.

• Total amount disbursed Rs. 87300
• Number of Student beneficiaries 149
• Scheme now extended to the hospital for patient care
SUGGESTION 8- SOME AMOUNT IN THE FORM OF STIPEND SHOULD BE GIVEN TO STUDENTS

• Stipend is regularly given to post graduates and Interns