

Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	2.4.4																									
	Title	TTT workshop in India at MAHE																									
	Type	X Teaching material X Learning material	X Training material X Event																								
	Description	Four TTT workshops were conducted during Jan 18 to Jun 18. Total of 87 educators and clinical staff actively participated in these events, ranging from three hours to four day workshop. First workshop conducted by CUL faculty covered basics of EBP, attended by 42 faculties of optometry and other health science disciplines like physiotherapy, speech and hearing, respiratory therapy, Yoga, Ayurveda, community medicine, immunochematology, microbiology, pharmacology, physiology, medical imaging, dentistry, public health, psychiatry and dept of foreign studies. Second workshop exclusively was organised for optometry teaching staff, which covered advanced concepts in EBP and also resulted in detailed plan for including EBP in curriculum at MAHE, attended by 16 members of teaching staff. Both these workshops were conducted by CUL faculty. Third workshop conducted by educational experts within MAHE, sensitized the teaching staff on case based learning method and assessment of competencies, attended by 13 faculties. Fourth workshop covered PTP aspects within glaucoma; pedagogy techniques like competency based education, case base learning, clinical skill assessment, and grand rounds. This was attended by 16 faculty members. The aim of these workshop was to increase competencies of participants in their teaching skills. Feedback was taken from faculties who participated in these workshop.																									
	Duration	Jan 18 to Jun 18																									
	Languages	English																									
Target groups	X Teaching staff X Students X Trainees X Other – teaching staff of disciplines other than optometry, which includes physiotherapy, speech and hearing, respiratory therapy, Yoga, Ayurveda, community medicine, immunochematology, microbiology, pharmacology, physiology, medical imaging, dentistry, public health, psychiatry and dept of foreign studies.																										
Dissemination level	X Department / Faculty X Institution X Local																										
Supporting documents	<a href="#">2.4.4 TTT MAHE (Folder)</a>																										
Feedback (N=13)	<div><div><p>TTT at MAHE, IN</p><p>■ Response- agree (in %)</p><table><caption>TTT at MAHE, IN - Response- agree (in %)</caption><thead><tr><th>Category</th><th>Response- agree (in %)</th></tr></thead><tbody><tr><td>Objectives of session...</td><td>100</td></tr><tr><td>Objectives were...</td><td>100</td></tr><tr><td>Tutorials pitched at...</td><td>100</td></tr><tr><td>workshop encourage...</td><td>100</td></tr><tr><td>everyone... subject matter be...</td><td>100</td></tr></tbody></table></div><div><p>TTT at MAHE, IN Feedback Aspect</p><table><caption>TTT at MAHE, IN Feedback Aspect - Average score on scale of 1 to 5</caption><thead><tr><th>Feedback Aspect</th><th>Average score on scale of 1 to 5</th></tr></thead><tbody><tr><td>Sessions were easy to follow</td><td>4.50</td></tr><tr><td>Session were adequate to cover...</td><td>4.50</td></tr><tr><td>Appropriate delivery of content...</td><td>4.50</td></tr><tr><td>Good presentation by trainer</td><td>4.50</td></tr><tr><td>Relevance of examples/...</td><td>4.50</td></tr></tbody></table></div></div>			Category	Response- agree (in %)	Objectives of session...	100	Objectives were...	100	Tutorials pitched at...	100	workshop encourage...	100	everyone... subject matter be...	100	Feedback Aspect	Average score on scale of 1 to 5	Sessions were easy to follow	4.50	Session were adequate to cover...	4.50	Appropriate delivery of content...	4.50	Good presentation by trainer	4.50	Relevance of examples/...	4.50
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Agenda- TTT (PTP) at MAHE

25th June 2018			26th June		
Time	topic	Name of expert	Time	topic	Name of expert
Morning session (9 to 1pm)			Morning session (9 to 1pm)		
9.30 to 10.30am	Welcome note	Dr. Ramesh	9.30 to 11.00am	Session 4: Critical thinking and clinical decision making	Dr ShashiKiran (MMMC)
10.30 to 12.00 noon	<b>Inauguration Function: Chief guest Hon VC Dr Vinod Bhat</b>		11.00 to 11.15am	Tea break	
12.00 to 1.00pm	Session 1: Introduction to Competency Model and curriculum blueprint	Ms Vidyut	11.15 to 1.00 pm	Session5: Imaging and perimetry in glaucoma	Dr Ramesh
1.00 to 2.00 pm	Lunch Break		1.00 to 2.00 pm	Lunch Break	
2.00 to 3.15pm	Session2: Introduction to Competency Model and curriculum blueprint	Ms Vidyut	2.00 to 3.15pm	Session 6: Framing ILO & Blueprint in Glaucoma	Dr Ramesh/ Dr Sayantan
3.15 to 3.30pm	Tea break		3.30 to 3.45pm	Tea break	
3.30 to 5.00pm	Session 3: Online resources- MOOC, simulators	Dr Ramesh/ Dr Sayantan	3.45 to 5.00pm	Session 7: Framing ILO and blueprint in glaucoma	Dr Ramesh/ Dr Sayantan

27th June			28th June		
Time	topic	Name of expert	Time	topic	Name of expert
Morning session (9 to 1pm)			Morning session (9 to 1pm)		
9.30 to 11.00am	Session 8: Presentation- all teams: blueprint of curriculum	All teams	9.30 to 11.00am	Session 11: Skills in glaucoma	Dr Ramesh/ Dr Sayantan
11.00 to 11.15am	Tea break		10.45 to 11.00am	Tea break	
11.00 to 1.00pm	Session 9: Planning for Pilot activity	Team UoH	11.00 to 1.00pm	Session 12: Grand Rounds	Avinash Prabhu
1.00 to 2.00 pm	Lunch Break		1.00 to 2.00 pm	Lunch Break	

2.00 to 3.15pm	Session 10: EBP in Glaucoma	Dr Ramesh	2.00 to 3.15pm	Session 13: Summary and report of all TTTs	Vidyut
3.15 to 3.30pm	Tea break		3.15 to 3.30pm	Tea break	
3.30 to 5.00pm	Session 10: EBP in Glaucoma	Dr Ramesh	3.30 to 5.00pm	Session 13: Summary and report of all TTTs	Vidyut



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Chartered as the University under Section 3 of the UGC Act, 1956)



Funded by the  
Erasmus+ Programme  
of the European Union

**Manipal Centre for Professional & Personal Development  
and  
Department of Optometry, SOAHS, MAHE  
(Supported by OCULUS Project)**

**Teaching Evidence Based Practice  
to Health Science Students**

**A Mini Workshop**

Facilitated by:

**Dr. Catherine Suttle**

PhD (Vision Science); BSc (Optometry); GradCert (University Learning and Teaching)

Dr Catherine is an optometrist, senior lecturer at City University London since 2013. She has previously worked at the University of New South Wales, Sydney, Australia. She completed her graduation in optometry from City University London. Completed PhD at Aston University in Birmingham and post-doc at the School of Optometry, University of California, Berkeley. Her area of interest in research is evidence based practice, vision therapy for amblyopia and other visual disorders.

**Context and Objectives:**

Evidence-based practice (EBP) is clinical decision-making based on the best available research evidence, the practitioner's expertise and the patient's circumstances and preferences. EBP is accepted as an important aspect of clinical training; it has become part of many undergraduate curricula. EBP can be taught/learned using a range of methods such as lectures, tutorials, workshops and clinical settings. This mini workshop will touch upon basic concepts of EBP and its implementation in a health science curriculum.

Date: Thursday, 11<sup>th</sup> January 2018

Time: 2:00 to 4:30 pm





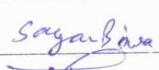
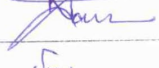


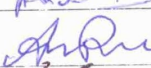


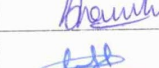





Venue: MCPD Classroom, 5<sup>th</sup> floor, Health Science Library Building, Manipal

Interested faculty members are requested to register before  
9<sup>th</sup> January, 2018 sending an email to [mcpd.mu@manipal.edu](mailto:mcpd.mu@manipal.edu)

Attendance sheets

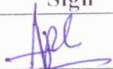
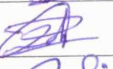


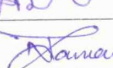
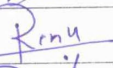



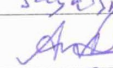
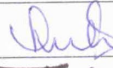

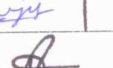
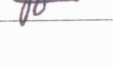


TTT (Manipal)- Glaucoma and pedagogy

Date: 25/06/19

Sr. No.	Name	Institution	Sign
1	Judy Jose	SOAHS, MAHE	
2	Radhika.	SOAHS, MAHE	
3	RISHI BHARDWAJ	UOH	
4	Nagarajh Konde	UOH	
5	SAYANTAN BISWAS	SOAHS, MAHE	
6	Md. Noor Zaman	Chitkara University	
7	Vidhur Rajhans	SOAHS, MAHE	
8	Renu Thakur	Chitkara U.	
9	Aditya	SOAHS, MAHE	
10	Ana Ray	SOAHS, MAHE	
11	Nagarajan T	SOAHS, MAHE	
12	Anush Pruthi	SOAHS, MAHE	
13	Dr. RAMESH S. V	SOAHS, MAHE	
14	Judith Shefali	SOAHS, MAHE	
15	Poornima.	Netaji Subhas College of Optometry	
16	Rinu Thomas	SOAHS, MAHE	
17	Preeti	SOAHS, MAHE	
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TTT (Manipal)- Glaucoma and pedagogy


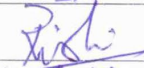
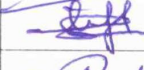


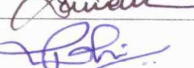


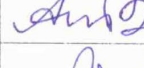

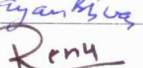

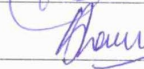
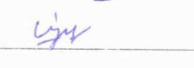


Date: 26/6/2018

Sr. No.	Name	Institution	Sign
1	Amogh Prabhu	MAHE	
2	Judy Jose	MAHE	
3	Preethi	SOAHS, MAHE	
4	Rinu Thomas	SOAS, MAHE	
5	Aditya	SOAHS, MAHE	
6	Noor	Chitkora University	
7	Renu Thakur	Chitkora University	
8	Rishi BHARWAT	UOH	
9	Garvika Konde	UOH	
10	Dr. Ramesh S. Ve	SOAHS, MAHE	
11	Dr. Sayantan Bisui	SOAHS, MAHE	
12	Anu Rani	SOAHS, MAHE	
13	Dr. Neelha KIR	KMC, Manipal	
14	Nagarajan T	SOAHS, MAHE	
15	Vidya Rajhans	SOAHS, MAHE	
16	Radhika	SOAHS, MAHE	
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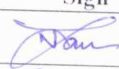




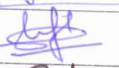
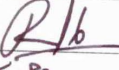

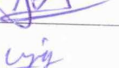
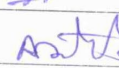
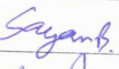
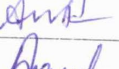
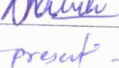
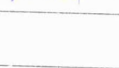
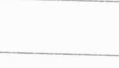
TTT (Manipal)- Glaucoma and pedagogy

Date: 27/06/18

Sr. No.	Name	Institution	Sign
1	Abinash V Boudhu	MAHE	
2	RISHI BHARDWAJ	UOH.	
3	Judith Shefali	MAHE	
4	Radhika	MAHE	
5	Nagarajan T	MAHE	
6	Nooruz Zaman	Chitkara Uni	
7	Preethi	MAHE	
8	Judy Jose	MAHE	
9	Aditya	MAHE	
10	Arik Roy	MAHE	
11	Rinu Thomas	MAHE	
12	DR. SAPANTAN BISWAS	MAHE	
13	Renu Thakur	Chitkara U.	
14	Naganya Konde	UOH	
15	Dr. RAMESH SIVE	MAHE	
16	Vidut Rajhans	MAHE	
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TTT (Manipal)- Glaucoma and pedagogy

Date: 28/06/2018

Sr. No.	Name	Institution	Sign
1	Ms. Noorz Zaman	Chitkara Uni	
2	Leena L. Thakur	" "	
3	Dr. Nataraj K. K.	VOH	
4	Judy Jose	MAHE	
5	Preethi	MAHE	
6	Rinu	MAHE	
7	Judith Shefali	MAHE	
8	Radhika.	MAHE	
9	Nagarajm.T	MAHE	
10	Arimash.	MAHE	
11	Vidut Rajhans	MAHE	
12	Aditya chaitanya	MAHE	
13	SAYANTAN BISWAS	MAHE	
14	Anir Roy	MAHE	
15	Dr. Ramesh S. Ve	MAHE	
16	Dr. Rishi Bharadwaj	VOH	- present -
17			
18			
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**Date: 11 January, 2018**

**Time: 2:00-4:30 pm**

**A mini-workshop on "Teaching Evidence Based Practice to Health Science Students"**










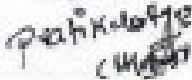


Sl. No.	Name & department	Signature
1.	A.Sampath kumar, Phd Scholar, Department of Physiotherapy, School of Allied Health Sciences, Manipal Academy of Higher Education, Manipal	
2.	Ann Mary Jose, Assistant Professor, 3rd Year Co-ordinator, Department of Respiratory Therapy, SOAHS, MAHE, Manipal	
3.	Anup Naha, Chief Coordinator-Volunteer Services Organisation (VSO), MAHE, University Coordinator - Silver Jubilee Celebrations 2018, MAHE, Associate Professor, Dept of Pharmaceutics, MCOPS, MAHE, Manipal	
4.	Arhanth Kumar A., Assistant Professor, Dept of P.G. Studies in Samhitha and Siddhanta, S.D.M College of Ayurveda and Hospital, Kuthpadi, Udupi	
5.	Arpana, Assistant Professor, Department of Prasuti Tantra and Streeroga, SDMCA, Udupi	
6.	Aswin Haridas, Assistant Professor, Department of Shalya Tantra, SDM College of Ayurveda & Hospital, Kuthpady, Udupi	
7.	Avik Ray, Assistant Professor-Senior Scale, Dept of Optometry, SOAHS, Manipal	
8.	Avinash Prabhu, Assistant Professor, Dept of Optometry, School of Allied Health Sciences, Manipal	
9.	Bhamini Rao Krishna	
10.	Carol Elizabeth Mathews, Assistant Professor, Dept of Respiratory Therapy, SOAHS, Manipal	
11.	Chythra R. Rao, Associate Professor, Dept of Community Medicine, Kasturba Medical College, Manipal Academy of Higher Education, Manipal	
12.	Gokul Krishna G., Assistant Professor, Department of Respiratory Therapy, SOAHS, Manipal	
13.	Judith Shefali Jathanna, Assistant Professor, Dept of Optometry, SOAHS, Manipal	

**Venue: MCPD Classroom, 5<sup>th</sup> floor, Health Sciences Library building, MAHE, Manipal**



**Date: 11 January, 2018**












**Time: 2:00-4:30 pm**

14.	Judy Jose, Assistant Professor-Senior Scale, Department of Optometry, School of Allied Health Sciences, MAHE, Manipal	
15.	Kirtana R. Nayak, Professor & Head, Department of Physiology, Kasturba Medical College, Manipal	
16.	Kunal, Associate Professor, Dept of Physiology, KMC, Mangalore	
17.	Madhavi Sharma, Foreign Student Advisor, Study Abroad Program	
18.	Manish Raturi, Assistant Professor, Department of Immunohematology & Blood Transfusion, KMC Manipal	
19.	Megha Gokul, Tutor, Dept of Physiology, KMC, Mangalore	
20.	Nilima, Assistant Professor, Dept of Statistics, PSPH, Manipal	
21.	Nitu Sinha, Lecturer, Division of Yoga, Center for Integrated Medicine and Research, MAHE, Manipal	
22.	Niveditha, SDM College of Ayurveda, Kuthpady, Udupi	
23.	Poovitha shruthi P., Lecturer (Division of Yoga), Center for Integrative Medicine and Research, Manipal	
24.	Pradipta Bhattacharya, Assistant Professor, Department of Optometry, SOAHS, MAHE, Manipal	
25.	Prakash P.Y., Associate Professor, Dept of Microbiology, KMC, Manipal	
26.	Pratik Kumar Chatterjee, Associate Professor, Department of Physiology, Kasturba Medical College, Mangalore	
27.	Preethi, Assistant Lecturer, Department of Optometry, School of Allied Health Sciences, MAHE, Manipal	
28.	Premjit Bhakat, Assistant Professor-Senior Scale, Dept of Optometry, School of Allied Health Sciences, Manipal	

**Venue: MCPD Classroom, 5<sup>th</sup> floor, Health Sciences Library building, MAHE, Manipal**

Date: 11 January, 2018

Time: 2:00-4:30 pm

29.	<b>Purnima Venkat</b> , Assistant Professor, Prasanna School of Public Health Manipal Academy of Higher Education, Manipal	
30.	<b>Radhika</b> , Assistant Professor, Dept of Optometry, SOAHS, Manipal	
31.	<b>Rashmi Nayak</b> , Professor & Head, Pedodontics and Preventive Dentistry, Coordinator, PGACC in Laser Dentistry, MCODS, Manipal	
32.	<b>Ritesh Singla</b> , Associate Professor, Department of Orthodontics, MCODS, Manipal	
33.	<b>Roopashree Malliya</b> , Tutor, Department of Physiology, Kasturba Medical College, Mangalore	
34.	<b>S. Balaji</b> , Associate Professor, Dept. of Biotechnology, Manipal Institute of Technology, Manipal	
35.	<b>Sayantan Biswas</b> , Assistant Professor, Department of Optometry, School of Allied Health Sciences, MAHE, Manipal	
36.	<b>Shrinidhi R.</b> , SDMCA, Udupi	
37.	<b>Sreejith K.</b> , Assistant Professor, Department of Agadatantra, SDM College of Ayurveda & Hospital, Kuthpady, Udupi	
38.	<b>Suhani S.</b> , Assistant Professor, Department of Anatomy, Kasturba Medical College, Manipal	
39.	<b>Sushil Yadav</b> , Assistant Professor - Senior Scale, Dept of Medical Imaging Technology, SOAHS, MAHE	
40.	<b>Swathi Pal</b> , Assistant Professor, Dept of Conservative Dentistry and Endodontics, Manipal College of Dental Sciences, Manipal	
41.	<b>Umesh S.</b> , Assistant Professor, Dept of Psychiatry, Kasturba Hospital, Manipal	
42.	<b>Usha Devadas</b> , Associate Professor, Department of Speech and Hearing, School of Allied Health Sciences, Manipal	

**Date: 11 January, 2018**

**Time: 2:00-4:30 pm**

44.	<b>Vasudeva Guddattu</b> , Associate Professor, Department of Statistics, Manipal	
45.	<b>Veena Nayak</b> , Associate Professor, Dept of pharmacology, KMC, Manipal	<i>veena</i>
46.	<b>Vidyalakshmi K.</b> , Associate Professor, SDM College of Ayurveda, Udupi	<i>Vidyalakshmi</i>
47.	<b>Vijayendra Bhat G.</b> , Associate Professor, Dept of Kayachikita and Manovijnana, SDM College of Ayurveda, Kuthpady, Udupi	
48.	<b>Viji P.C.</b> , Research Scholar, Dept of Pharmacy Practice, MCOPS, MAHE, Manipal	<i>Viji</i>
49.	<i>Samir Kumar Prasharaj, Professor, Department of Psychiatry, KMC, Manipal</i>	<i>Samir</i>
50.	<i>Vidhut Rajhans Dept of optometry SOHS</i>	<i>Vidhut</i>











