

2017 Annual Review

Review Period 01/01/2017 - 31/12/2017



REVIEWER

Kevin Fynn (Manager)

Benchawan Wiwatanapataphee

Associate Professor
Position



Overview

Employee Details

Occupancy Pos Title	Associate Professor
Position	Associate Professor
Employment Status 1	ACTEN
FTE	100
Grade	Associate Professor
Manager	Kevin Fynn
Portfolio	Provost
Position Category	Teaching and Research
Last Overall Performance Review Task Name	2016 Annual Review
Last Overall Performance Review Avg. Score	Meets expectations
Last Overall Performance Review Completion Date	30/03/2017




Performance Objectives

Effective HDR supervision

Supervising one Ph.D. students as supervisor, 2 co-supervisor or associate supervisor.

Start date 16/01/2017	Due date 31/12/2017	Status Completed
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Progress  100%	Strategic themes 01. Teaching and Learning	Visibility No
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Tasks	Starting date	Due date	Progress
Co-supervising 2 Ph.D students	16/01/2017	31/12/2017	100%

Targets	Target	Starting date	Due date	Actual
Supervising one Ph.D student	1.0	16/01/2017	31/12/2017	2.0

Attachments

HDR.pdf

Comments

Benchawan Wiwatanapataphee - 23/08/2017 06:45:09

I am the supervisor of two Ph.D. students, Muhammad Kamran ID 18569638 and Fahad Aljuaydi ID 19068291.


I am also a co-supervisor for other 4 Ph.D. students, ID 12176016, ID 17706308, ID18485938, ID 17462480

Efficient management of internal service roles

Application assessment for Graduate entry 2017.

In charge of setup of MSc in financial mathematics to be finished and submitted to the university course committee in June 2017. (Added by Song Wang)

Start date 16/01/2017	Due date 31/12/2017	Status Completed
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Progress  100%	Strategic themes 09. Administration and Services	Visibility No
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Targets	Target	Starting date	Due date	Actual
MSc. Assessments	1 Years	16/01/2017	31/12/2017	1 Years

Attachments



MFE(BUET) _MSc(Act Fin Sci) Course Structure_A Typical Study Plan.pdf

Comments

Benchawan Wiwatanapataphee - 23/08/2017 06:53:32

I have finished a typical study plan of MSc Financial Engineering.

High quality teaching

2 Units Coordinated with approximately 80% eVALUate.

Start date 01/03/2017 Due date 31/12/2017 Status Completed

Progress 100% Strategic themes 01. Teaching and Learning Visibility No

Table with 5 columns: Targets, Target, Starting date, Due date, Actual. Rows include MATH5004 and INDE2000.

Attachments

- FUR_Report-INDE2000.pdf
TER_Report-MATH2002.pdf
TER_Report-MATH1015.pdf

Comments

Benchawan Wiwatanapataphee - 23/08/2017 07:04:47

In 2017, I had been assigned to be a unit coordinator of three subjects INDE2000(INDE5000), MATH5004 and MATH2002. In the first semester, I obtained 100% over all satisfaction for INDE2000 and 83% over all satisfaction for INDE5000. I was also assigned to teach MATH1015 for the first half of semester one, and MATH2002 for the first half of semester two. In the semester two, I obtained 100% over all satisfaction for MATH2002. For math5004, it is INSUFFICIENT RESPONSE.

Increase quality research outputs

Four published research papers: three papers in the international journal and one paper in the proceedings of the international conference.

Start date 16/01/2017 Due date 31/12/2017 Status Completed

Progress 100% Strategic themes 02. Research and Development / Creative Works Visibility No



Targets	Target	Starting date	Due date	Actual
Three papers accepted or published in the international journals	3.0	16/01/2017	31/12/2017	4.0
one paper accepted or published in the proceedings of the conference	1.0	16/01/2017	31/12/2017	1.0

Comments

Benchawan Wiwatanapataphee - 23/08/2017 07:12:21

Four papers have been published in the international journals:

1. Study of pulsatile pressure-driven electroosmotic flows through an elliptic cylindrical microchannel with the Navier slip condition P Chuchard, S Orankitjaroen, B Wiwatanapataphee, Advances in Difference Equations 2017 (1), 160.
2. Nontrivial solutions for a fractional advection dispersion equation in anomalous diffusion X Zhang, L Liu, Y Wu, B Wiwatanapataphee, Applied Mathematics Letters 66, 1-8.
3. Mean-Variance Asset Liability Management with State-Dependent Risk Aversion Y Zhang, Y Wu, S Li, B Wiwatanapataphee, North American Actuarial Journal 21 (1), 87-106.
4. Numerical Simulation of Turbulent Blood Flow in the System of Coronary Arteries with Stenosis M Kaewbumrung, B Wiwatanapataphee, S Orankitjaroen, T Siriapisith, J Biom Biostat 8 (344), 2.

Benchawan Wiwatanapataphee - 10/10/2017 04:49:52

5. Population game model for epidemic dynamics with two classes of vaccine-Induced Immunity, P Phang, B Wiwatanapataphee, Y-H. Wu, Journal of Telecommunication Electronic and Computer Engineering 2017, 9(2-9).

Service and Leadership in the discipline/profession

Member of Cogent Mathematics Editorial Team / Reviewer of some journals

Start date
16/01/2017

Due date
31/12/2017

Status
Completed

Progress

100%

Strategic themes
03. Service and Leadership

Visibility
No

Targets	Target	Starting date	Due date	Actual
Member of Cogent Mathematics Editorial Team	1.0	16/01/2017	31/12/2017	1.0
Review papers and research proposals	10.0	16/01/2017	31/12/2017	10.0

Attachments

Service-leadership.pdf

Additional and/or summary comments



Development & Career

Summarise your professional development progress

Comments

Benchawan Wiwatanapataphee (Self):

I have two Ph.D. students under my supervision,. I am also co-supervisor of 4 Ph.D students.

I have published three papers in the international journal (ISI web of Science) and one conference paper.

I have 100% all satisfaction of MATH2002 and INDE2000 (INDE500) teaching evaluation. I have also obtained 100% evaluation for MATH1011. For MATH5004, there is only 2 responses, so it is insufficient result.

Provide an update on your longer term career objectives

Comments

Benchawan Wiwatanapataphee (Self):

I will have two more Ph.D. students for the new coming year. I may also have more papers and some joining research grant. I will continually develop teaching material to be more effective.



Leave Management

Annual leave plans for the upcoming year

Comments

Benchawan Wiwatanapataphee (Self):

I will have annual leave during 5-16 February and 9-20 July 2018.

Long service leave plans for the upcoming year, if applicable

Other leave (Parental, etc) if applicable



Rating

Rating scale

Rating	Description
Too New To Rate	Employee has not been in the position long enough to rate performance.
Requires improvement	This rating is given to an employee who did not consistently meet performance expectations of the employee's position.
Meets expectations	This rating is given to an employee who has consistently and fully satisfied the high performance expectations for the specific duties of the employee's position.
Exceeds expectations	This rating is given to an employee who consistently does more than expected for the position. Rating should be easily supported by several objective examples of going beyond job requirements

Overall Rating

Reviewer	Rating
Benchawan Wiwatanapataphee (Self)	Meets expectations

Comments

Benchawan Wiwatanapataphee (Self):
 I have published 4 papers, three paper in standard journals, one paper in the conference. I have two Ph.D. students under my supervision. I have 100% evaluation for all satisfaction of MATH2002, INDE2000 (5000) and MATH1015.