



**UNIVERSITAS NEGERI PADANG**  
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
 MATHEMATICS DEPARTMENT, MATHEMATICS STUDY PROGRAM  
 Main Campus Universitas Negeri Padang.  
 Jalan Prof. Dr. Hamka Air Tawar Padang, Sumatera Barat  
 Telepon: +62 751 7053902, Fax: +62 751 7055628  
 Email: info [at] unp.ac.id

**Bachelor of Science in Mathematics**

**MODULE HANDBOOK**

Name	Dr. Devni Prima Sari, S.Si., M.Sc.		
Expertise	Mathematics		
Academic Career	Initial Academic Appointment	<b>Institution</b>	<b>Year</b>
		Universitas Negeri Padang	2010
Academic Background	1. Post Doctoral	-	-
	2. Doctoral Degree	Universitas Gadjah Mada	2020
	3. Master Degree	Universitas Gadjah Mada	2010
	4. Undergraduate Degree	Universitas Negeri Padang	2008
Employment	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	CPNS (Lecturer)	Universitas Negeri Padang	01/12/2010-01/11/2012
	Asisten Ahli (Assistant Professor)	Universitas Negeri Padang	01/11/2012-01/05/2013
	Lektor (Assistant Professor)	Universitas Negeri Padang	01/05/2013-present
Research and development projects over the last 5 years	Source : DIKTI Title : Asuransi Last Survivor untuk Tiga Orang Tertanggung dan Penerapannya Period : 2015 Research Team : Devni Prima Sari, Jazwinarti Total Funding : IDR, 15,000,000		

Industry collaborations over the last 5 years	<ol style="list-style-type: none"> <li>Project Title: Pelatihan Pemanfaatan Perangkat Lunak Microsoft Excel untuk Pengolahan Data bagi Pegawai Kelurahan Kecamatan Koto Tengah Partners: Pemerintahan Kota Padang Kecamatan Koto Tengah</li> <li>Project Title: Kegiatan Pembelajaran Matematika Menggunakan Jarimatika Partners: Yayasan Pendidikan I'aanatuth Thalibiin, SDIT I'aanatuth Thalibiin (SDIT AITI)</li> </ol>																
Patents and proprietary rights	<table border="1"> <thead> <tr> <th data-bbox="446 394 1312 426">Title</th> <th data-bbox="1312 394 1474 426">Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="446 426 1312 552">1. Published book: "1 Jam Jago Matematika SD" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-8-8</td> <td data-bbox="1312 426 1474 552">2011</td> </tr> <tr> <td data-bbox="446 552 1312 699">2. Published book: "1 Jam Jago Matematika SMP" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-7-1</td> <td data-bbox="1312 552 1474 699">2011</td> </tr> <tr> <td data-bbox="446 699 1312 846">3. Published book: "1 Jam Jago Matematika SMA" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-9017-00-7</td> <td data-bbox="1312 699 1474 846">2011</td> </tr> <tr> <td data-bbox="446 846 1312 961">4. Published book: "Matematika Pensiun" Writer : Devni Prima Sari Publisher : - ISBN : -</td> <td data-bbox="1312 846 1474 961">2012</td> </tr> <tr> <td data-bbox="446 961 1312 1077">5. Published book: "Bahan Ajar Pembentukan Tabel Mortalita" Writer : Devni Prima Sari Publisher : - ISBN : -</td> <td data-bbox="1312 961 1474 1077">2014</td> </tr> <tr> <td data-bbox="446 1077 1312 1192">6. Published book: "Bahan Ajar Manajemen Investasi" Writer : Devni Prima Sari Publisher : - ISBN : -</td> <td data-bbox="1312 1077 1474 1192">2014</td> </tr> <tr> <td data-bbox="446 1192 1312 1312">7. Published book: "Bahan Ajar Aktuaria Lanjutan" Writer : Devni Prima Sari Publisher : - ISBN : -</td> <td data-bbox="1312 1192 1474 1312">2015</td> </tr> </tbody> </table>	Title	Year	1. Published book: "1 Jam Jago Matematika SD" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-8-8	2011	2. Published book: "1 Jam Jago Matematika SMP" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-7-1	2011	3. Published book: "1 Jam Jago Matematika SMA" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-9017-00-7	2011	4. Published book: "Matematika Pensiun" Writer : Devni Prima Sari Publisher : - ISBN : -	2012	5. Published book: "Bahan Ajar Pembentukan Tabel Mortalita" Writer : Devni Prima Sari Publisher : - ISBN : -	2014	6. Published book: "Bahan Ajar Manajemen Investasi" Writer : Devni Prima Sari Publisher : - ISBN : -	2014	7. Published book: "Bahan Ajar Aktuaria Lanjutan" Writer : Devni Prima Sari Publisher : - ISBN : -	2015
Title	Year																
1. Published book: "1 Jam Jago Matematika SD" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-8-8	2011																
2. Published book: "1 Jam Jago Matematika SMP" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-96252-7-1	2011																
3. Published book: "1 Jam Jago Matematika SMA" Writer : Devni Prima Sari Publisher : Belabook Media ISBN : 978-602-9017-00-7	2011																
4. Published book: "Matematika Pensiun" Writer : Devni Prima Sari Publisher : - ISBN : -	2012																
5. Published book: "Bahan Ajar Pembentukan Tabel Mortalita" Writer : Devni Prima Sari Publisher : - ISBN : -	2014																
6. Published book: "Bahan Ajar Manajemen Investasi" Writer : Devni Prima Sari Publisher : - ISBN : -	2014																
7. Published book: "Bahan Ajar Aktuaria Lanjutan" Writer : Devni Prima Sari Publisher : - ISBN : -	2015																
Important publications over the last 5 years	<p data-bbox="654 1354 1247 1381" style="text-align: center;"><b>Selected recent publications form a total of approx.:</b></p> <ol style="list-style-type: none"> <li data-bbox="446 1381 1474 1476">Sari, D. P. (2015) <b>Pembentukan Dana Pensiun Dengan Metode Benefit Prorate Constant Percent</b>. Eksakta, 2, <a href="http://ejournal.unp.ac.id/index.php/eksakta/article/view/5765/4498">http://ejournal.unp.ac.id/index.php/eksakta/article/view/5765/4498</a></li> <li data-bbox="446 1476 1474 1570">Sari, D. P., Jazwinarti, J. (2016). <b>Anuitas Last Survivor Untuk Kasus Tiga Orang Tertanggung</b>. Jurnal MIPA, 39 (1). <a href="https://journal.unnes.ac.id/nju/index.php/JM/article/view/7706/5377">https://journal.unnes.ac.id/nju/index.php/JM/article/view/7706/5377</a></li> <li data-bbox="446 1570 1474 1665">Sari, D. P., Jazwinarti, J. (2016). <b>Evaluasi Premi Asuransi Dwiguna Last Survivor untuk Kasus Tiga Orang Tertanggung</b>. Konferensi Nasional Matematika XVIII, ISBN: 978-602-50020-1-4</li> <li data-bbox="446 1665 1474 1759">Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2016). <b>Pembentukan Struktur Bayesian Network Dari Data</b>. Konferensi Nasional Matematika XVIII, ISBN: 978-602-50020-1-4.</li> <li data-bbox="446 1759 1474 1896">Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2018). <b>Application of Bayesian Network Model in Determining the Risk of Building Damage Caused by Earthquakes</b>. International Conference on Information and Communications Technology (ICOIACT), pp. 131-135, doi: 10.1109/ICOIACT.2018.8350776</li> <li data-bbox="446 1896 1474 2032">Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2019). <b>K-means and Bayesian Networks to Determine Building Damage Levels</b>. Telecommunication, Computing, Electronics and Control, 17(2), doi: <a href="http://dx.doi.org/10.12928/telkomnika.v17i2.11756">http://dx.doi.org/10.12928/telkomnika.v17i2.11756</a></li> </ol>																

	<p>7. Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2019). <b>Bayesian Network for Risk Management of Earthquake Damage Using R and GeNIe</b>. Proceeding of the 62nd ISI World Statistics Congress 2019: Contributed Paper Session: Volume 2, <a href="http://2019.isiproceedings.org/Files/8.Contributed-Paper-Session(CPS)-Volume-2.pdf">http://2019.isiproceedings.org/Files/8.Contributed-Paper-Session(CPS)-Volume-2.pdf</a></p>
	<p>8. Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2019). <b>Disaster Mitigation Solutions with Bayesian Network</b>. AIP Conference Proceedings, doi: 10.1063/1.5139178</p>
	<p>9. Sari, D. P., Rosadi, D., Danardono, D., Effendie, A. R. (2020). <b>Discretization methods for Bayesian networks in the case of the earthquake</b>. Bulletin of Electrical Engineering and Informatics, 10(1), <a href="http://beei.org/index.php/EEI/article/view/2007">http://beei.org/index.php/EEI/article/view/2007</a></p>
	<p>10. Indriani, R., Sari, D. P. (2020). <b>Perhitungan Dana Tabarru' Asuransi Syariah Menggunakan Hukum Mortalita Makeham dengan Metode Cost of Insurance</b>. UNP Journal of Mathematics, 3 (1), p. 23-27, ISSN: 977 235516589, <a href="http://ejournal.unp.ac.id/students/index.php/mat/article/view/8926/3988">http://ejournal.unp.ac.id/students/index.php/mat/article/view/8926/3988</a></p>

Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	Organization	Role	Period