

Original Article



# Relationship Between Professional Ethics and Organizational Commitment With Self-Efficacy in Faculty Members

Fatemeh Karbin<sup>1</sup>, Arezou Karampourian<sup>2\*</sup>, Salman Khazaei<sup>3</sup>, Reza Mohammadi<sup>1</sup>

<sup>1</sup>Student Research Committee, Hamadan University of Medical Sciences, Hamadan, Iran

<sup>2</sup>Department of Health in Emergency and Disaster, School of Health, Hamadan University of Medical Sciences, Hamadan, Iran

<sup>3</sup>Department of Epidemiology, School of Health, Research Center for Health Sciences, Hamadan University of Medical Sciences, Hamadan, Iran

## Article history:

Received: August 2, 2025

Revised: September 14, 2025

Accepted: September 20, 2025

ePublished: October 28, 2025

## \*Corresponding author:

Arezou Karampourian,  
Email: [a.karampourian@umsha.ac.ir](mailto:a.karampourian@umsha.ac.ir)



## Abstract

**Introduction:** Higher education requires strict adherence to professional ethics, especially among faculty members. Organizational commitment and self-efficacy (SE) are essential components of these ethical standards. This study investigated the associations among professional ethics, organizational commitment, and SE in faculty members at Hamadan University of Medical Sciences.

**Methods:** Overall, 240 faculty members from Hamadan University of Medical Sciences were recruited in this cross-sectional study. Data were gathered using Cadozir's Professional Ethics Questionnaire (2002), Allen and Meyer's Organizational Commitment Questionnaire (1990), and Sherer's General SE Scale (1982). Finally, an independent t-test and Spearman's correlation were conducted using Stata 14.

**Results:** Most participants were male (65.4%), married (77.9%), and assistant professors (56.7%). Mean ( $\pm$ SD) scores for professional ethics, organizational commitment, and SE were 81.76 ( $\pm$ 21.21), 79.24 ( $\pm$ 14.13), and 60.53 ( $\pm$ 12.64), respectively. Moreover, a significant positive correlation was found between organizational commitment and professional ethics ( $P=0.02$ ,  $r=0.15$ ) as well as between professional ethics and SE ( $P=0.01$ ,  $r=0.17$ ). However, there was no significant correlation between organizational commitment and SE ( $P=0.75$ ,  $r=0.02$ ).

**Conclusion:** Given the significant positive relationships between organizational commitment and professional ethics, as well as between professional ethics and SE, it is advisable to enhance professional ethics among faculty through targeted workshops.

**Keywords:** Ethics, Organizations/Ethics, Self-efficacy, Faculty

**Please cite this article as follows:** Karbin F, Karampourian A, Khazaei S, Mohammadi R. Relationship between professional ethics and organizational commitment with self-efficacy in faculty members. *Avicenna J Care Health Oper Room* 2025;3(3):92-97. doi:10.34172/ajchor.113

## Introduction

Professional ethics encompass rules and principles that individuals should voluntarily adhere to, guided by their conscience and inherent values, in their professional roles, without external coercion, and reflected in their moral actions and responses (1). Professional societies are expected to foster the highest standards of professional relationships among their members (2). Professional ethics involves rational thinking that guides an organization in determining which values to uphold and promote at any given time (3). As a professional system, higher education must establish and adhere to professional ethics, including defining boundaries for

acceptable and unacceptable behavior while guiding faculty in fulfilling their professional responsibilities (4). It is noteworthy that the professional conduct of faculty members profoundly influences students and drives the growth and success of the university. The sustainability of any university hinges on its individual and institutional advancement. Therefore, faculty must prioritize adherence to professional ethics (5). Faculty members serve as the living embodiments of ethical values in the academic workplace, and students absorb professional ethics implicitly through the behaviors of their instructors (6). More precisely, the ethical values of faculty members are transmitted to students. It should



be noted that adherence to professional ethics enhances psychological safety, personal growth, and productivity (7). Conversely, organizational commitment stands as a critical employee-related issue. Moreover, such adherence strengthens faculty capabilities while lowering societal and institutional costs (8). Additionally, appropriate professional ethics transform the university into an accountable institution by fostering faculty commitment to students (9). Sheikhzakaryaie et al demonstrated a significant positive correlation ( $P < 0.05$ ,  $r = 0.12$ ) between faculty members' professional ethics and organizational commitment (10). The present study has been conducted exclusively among the faculty members of the University of Kurdistan. Therefore, due to probable cultural, organizational, and structural differences across Iranian universities, the findings cannot be generalized to the faculty members of other higher education institutions.

Organizational commitment refers to an employee's degree of dedication to the organization and their alignment with its values and goals (9). Allen and Meyer propose that organizational commitment comprises affective, continuance, and normative dimensions.

- a. Affective Commitment: The individual is identified with the organization, remains loyal, and adopts its goals as their own.
- b. Continuance Commitment: The individual stays due to the perceived costs of leaving, including organizational investments, despite unfavorable conditions or alternative opportunities.
- c. Normative Commitment: A sense of obligation and duty compels the individual to remain with the organization (11).

Today, organizational commitment is a key driver of job attitudes, enhancing motivation and productivity while fostering employee loyalty and dedication to achieving organizational goals (12). It should be mentioned that low organizational commitment leads to increased worry, anxiety, absenteeism, tardiness, reduced efficiency, and higher turnover among faculty members (13). Organizational commitment further enhances the educational and institutional performance of faculty members while boosting their self-efficacy (SE) (14). Nassri and Yaghmaei found a significant correlation ( $P < 0.05$ ,  $r = 0.02$ ) between organizational commitment and SE (15). This research was limited to faculty members of Islamic Azad University, Zanjan Branch, and due to likely cultural and institutional variations, the results are not generalizable to all Iranian universities.

Bandura defines SE as an individual's belief in their ability to organize and execute the courses of action required to produce given attainments in specific contexts (16). Similarly, SE is characterized as an individual's belief in their capability to succeed in specific situations. As a pivotal social institution, the university plays an essential role in cultivating a creative and innovative generation (17). The SE of faculty members has long been a focus of interest to education experts (18). A faculty member's

SE refers to their confidence in implementing effective organizational and instructional practices that influence classroom performance (19). In fact, faculty members with high SE are less likely to criticize students but more likely to help hard-working students. Accordingly, increasing faculty SE improves students' learning, confidence, and classroom cooperation (20).

Moreover, faculty members represent the primary intellectual capital and driving force of universities. More precisely, the quality of education, research output, innovation, and even the prevailing organizational culture are profoundly influenced by their performance, motivation, and ethical conduct. Professional ethics and organizational commitment can act as crucial predictors or moderating variables in relation to faculty members' SE, or conversely, be influenced by it. Despite the theoretical and practical importance of these constructs, very few studies have simultaneously investigated the interrelationships among professional ethics, organizational commitment, and SE within the specific population of university faculty members. This notable gap in the literature prompted the present researchers to conduct a study aimed at examining the relationships between professional ethics and organizational commitment with SE among the faculty members of Hamadan University of Medical Sciences.

## Materials and Methods

The participants of this cross-sectional study included 240 faculty members of Hamadan University of Medical Sciences in 2023. A response rate of 90% was achieved in this study. The sample was obtained using proportionate stratified random sampling, with sample allocation proportional to the population size of each faculty. The sample size was calculated according to the following formula:

$$N = \left[ \left( \frac{Z_{1-\frac{\alpha}{2}} + Z_{1-\beta}}{C} \right)^2 \right] + 3$$

$$C = \frac{1}{2} \log \frac{1+r}{1-r}$$

where  $\alpha$  represents the probability of committing a type I error, and  $\beta$  denotes the probability of a type II error (equivalently, 1 minus the statistical power of the test). In addition,  $r$  signifies the sample correlation coefficient derived from  $N$  observations (21).

The inclusion criteria required participants' informed consent to engage in the study. On the other hand, the exclusion criteria encompassed failure to complete the questionnaires or submission of partially filled forms. Several instruments were employed in this investigation, including a demographic profile checklist, Cadozir's Professional Ethics Questionnaire (2002), the Allen and Meyer Organizational Commitment Scale (1990), and Sherer's General SE Scale (1982).

- The demographic information checklist included

age, gender, marital status, type of residence, and academic degree, which was approved by 10 faculty members of Hamadan University of Medical Sciences.

- Cadozir (2002) developed the Professional Ethics Questionnaire, which consists of 17 closed-ended items that assess professional ethics across eight dimensions: accountability, integrity, equity and impartiality, allegiance, pursuit of excellence and competitive drive, respectfulness, empathy toward others, and adherence to societal norms and principles. Responses are rated on a five-point Likert-type scale (1 = very low, 2 = low, 3 = moderate, 4 = high, 5 = very high). Items 1–2, 3–4, and 5–7 measure accountability, integrity, and equity and impartiality, respectively. Moreover, items 8–9 and 10–11 assess allegiance and pursuit of excellence and competitiveness. Furthermore, items 12–13, 14–15, and 16–17 evaluate respectfulness, empathy, and adherence to social norms, respectively. Total scores range from 17 to 85, with higher scores indicating greater adherence to professional ethical standards (22). Davoudi et al reported acceptable internal consistency, with Cronbach’s alpha > 0.70 (23). In the current study, Cronbach’s alpha was 0.81, demonstrating excellent reliability.
- The Allen and Meyer (1990) Organizational Commitment Questionnaire consists of 24 closed-ended items distributed across three subscales: affective commitment, continuance commitment, and normative commitment. The reported validity coefficients for these subscales are 0.85 (affective), 0.83 (continuance), and 0.79 (normative). Responses are recorded on a seven-point Likert-type scale ranging from “strongly disagree” to “strongly agree”, and total scores range from 24 to 168 (24). In the study by Davoudi et al, the Cronbach’s alpha for the overall organizational commitment scale was 0.89 (25). The Cronbach’s alpha coefficient in the current study was 0.95.
- The Sherer et al (1982) General SE Scale contains 17 items rated on a 5-point Likert-type scale (1 = strongly disagree, 2 = disagree, 3 = indifferent, 4 = agree, 5 = strongly agree). All items, except for 1, 3, 8, 9, 13, and 15, are reverse-scored. Items 1–7 and 8–13 measure willingness to initiate behavior and willingness to expend effort, respectively. Further, items 14–17 evaluate persistence in the face of obstacles. Total scores range from 17 to 85, with scores of 58 or above and below 58 indicating high and low SE, respectively (26). Shamsaei reported a reliability coefficient of 0.87 for this scale in an Iranian sample (27). In the present study, Cronbach’s alpha was 0.80.

After obtaining ethics approval and informed consent, faculty members were provided with the questionnaires and instructions on how to complete them. Additionally,

Spearman’s correlation coefficients were calculated to examine relationships among professional ethics, organizational commitment, and SE. Descriptive statistics (including means, frequencies, percentages, and standard deviations) were also used to summarize demographic characteristics. All analyses were conducted using Stata (version 14), with statistical significance set at  $P < 0.05$ .

**Results**

This study included 240 faculty members from Hamadan University of Medical Sciences. The results revealed that most participants were male (65.4%), married (77.9%), and homeowners (96.3%) and held the rank of assistant professor (56.7%), with a mean ( $\pm$ SD) age of 43.78 ( $\pm$ 6.77) years (Table 1).

The results demonstrated that the mean ( $\pm$ SD) scores of professional ethics, organizational commitment, and SE in faculty members were 81.76 ( $\pm$ 21.21), 79.24 ( $\pm$ 14.13), and 60.53 ( $\pm$ 12.64), respectively (Table 2).

Correlation coefficient test results (Table 3) revealed a significant link between organizational commitment and professional ethics ( $P = 0.02$ ,  $r = 0.15$ ). Professional ethics and SE had a direct and significant relationship ( $P = 0.01$ ,  $r = 0.17$ ), whereas organizational commitment and SE had a direct but non-significant relationship ( $P = 0.75$ ,  $r = 0.02$ ).

**Discussion**

This study examined the relationships among professional ethics, organizational commitment, and SE in faculty members. The results indicated that professional ethics and SE were at desirable levels, whereas organizational commitment was at a moderate level. Spearman’s correlation analyses confirmed significant positive associations between professional ethics and organizational commitment, as well as between professional ethics and SE. However, no significant relationship was found between organizational commitment and SE.

The level of professional ethics among faculty members at Hamadan University of Medical Sciences was

**Table 1.** Demographic Data in the Faculty Members of Hamadan University of Medical Sciences

Variables	Results	
Age, M $\pm$ SD	43.78 $\pm$ 6.77	
Gender, n (%)	Male	157 (65.4)
	Female	83 (34.6)
Marital status, n (%)	Married	187 (77.9)
	Single	53 (22.1)
Type of residence, n (%)	Personal	231 (96.3)
	Parents’ house	9 (3.8)
Scientific degree, n (%)	Instructor	16 (6.7)
	Assistant professor	136 (56.7)
	Associate professor	49 (20.4)
	Professor	39 (16.3)

Note. M: Mean; SD: Standard deviation.

**Table 2.** Mean of Professional Ethics, Organizational Commitment, and Self-Efficacy in the Faculty Members of Hamadan University of Medical Sciences

Variable	Mean ± SD
Professional ethics	81.76 ± 21.21
Organizational commitment	79.24 ± 14.13
Self-efficacy	60.53 ± 12.64

Note. SD: Standard deviation.

favorable. Consistent with these findings, Bouzarjomehri et al reported that over 50% of clinical assistants at Shahid Sadoughi University of Medical Sciences in Yazd demonstrated strong ethical competence (28). Similarly, Karimi Yarandi et al concluded that professional ethics among faculty at medical universities ranged from moderate to moderately high (29). Beyond knowledge transmission, faculty members play a critical role in modeling ethical behavior during instruction. Adherence to professional ethics may foster greater student autonomy and social support (5). In contrast, Malekshahi et al observed unfavorable levels of professional ethics among faculty (30). These discrepancies may stem from differences in sample size, cultural context, and measurement tools. The above-mentioned study involved 176 faculty members at Lorestan University of Medical Sciences and used the David Musick questionnaire.

Organizational commitment among faculty members at Hamadan University of Medical Sciences was at a moderate level. Similarly, Nassri and Yaghmaei observed medium-to-high organizational commitment among professors (15). However, Farzanjou et al found high and favorable commitment among academic staff at universities in Sistan and Baluchestan (31). Variations across institutions may reflect differences in academic environment, cultural influences, and organizational factors. The current results suggest that faculty members at Hamadan University exhibit loyalty and motivation to sustain employment, arriving punctually, minimizing absences, and demonstrating enthusiasm for teaching and institutional engagement.

SE among participants was high. Likewise, Pourvakhshoori et al documented high SE among medical faculty in Gilan (32). Faculty with strong SE tend to adopt innovative teaching strategies, set ambitious goals, engage in thorough planning, persist in problem-solving, seek assistance when needed, and adapt instructional methods, ultimately enhancing student satisfaction.

Significant positive correlations emerged between professional ethics and organizational commitment, as well as between professional ethics and SE, though organizational commitment and SE were unrelated. Khani et al also identified a significant association between professional ethics and organizational commitment among nurses (33). Moreover, Imani et al reported a similar relationship among education specialists at Tabriz University of Medical Sciences (9). Similarly, Mohammadi Fomani et al found organizational commitment to be a key predictor of professional ethics among the faculty

**Table 3.** Correlation Between Organizational Commitment, Professional Ethics, and Self-Efficacy in Faculty Members

Variable		Organizational Commitment	Professional Ethics	Self-Efficacy
Organizational Commitment	r	1	-	-
	P-value	-	-	-
Professional ethics	r	0.15	1	-
	P-value	0.02	-	-
Self-efficacy	r	0.02	0.17	1
	P-value	0.75	0.01	-

members of Farhangian University (34). Albooghobeish et al also demonstrated that ethics training improved organizational commitment in nursing students (35). Regarding ethics and SE, Aghaie Motlagh observed a positive association among faculty members at Karaj Azad University (36). Despite positive relationships between professional ethics and both organizational commitment and SE, the effect sizes were small, indicating that other unexamined factors probably play a more substantial role.

### Study Limitations

This study had some limitations, including the self-report nature and the small sample size. Therefore, it is suggested that future studies use larger sample sizes and other tools (e.g., interviews and observations) in addition to questionnaires.

### Conclusion

Professional ethics and SE were at desirable levels, while organizational commitment showed a moderate level, with significant positive correlations between professional ethics and both organizational commitment and SE. Accordingly, universities should incorporate organizational commitment metrics into faculty evaluations and integrate ethics training into professional development programs. Workshops promoting ethical practices may also enhance commitment, thereby improving teaching quality and institutional sustainability.

### Acknowledgements

The authors wish to express their sincere gratitude to the esteemed Research and Technology Deputy of Hamadan University of Medical Sciences and all participants who took part in this study.

### Authors' Contribution

Conceptualization: Arezou Karampourian, RM, and Fatemeh Karbin.

Formal analysis: Salman Khazaei.

Supervision: Arezou Karampourian.

Writing—original draft: Reza Mohammadi and Arezou Karampourian.

Writing—review & editing: All authors.

### Competing Interests

The authors declare no competing interests.

### Ethical Approval

This study was approved by the Ethics Committee of Hamadan University of Medical Sciences (approval No. 140109017311

and ethics code IR.UMSHA.REC.1401.645). Moreover, written informed consent was received from all participants.

### Funding

This research received financial support from Hamadan University of Medical Sciences (grant No. 140109017311). It is noteworthy that the funding entity played a role in the study design, data collection, data analysis, data interpretation, and manuscript preparation.

### References

1. Fino LB, Alsayed AR, Basheti IA, Saini B, Moles R, Chaar BB. Implementing and evaluating a course in professional ethics for an undergraduate pharmacy curriculum: a feasibility study. *Curr Pharm Teach Learn*. 2022;14(1):88-105. doi: [10.1016/j.cptl.2021.11.031](https://doi.org/10.1016/j.cptl.2021.11.031)
2. Wang T, Long L, Zhang Y, He W. A social exchange perspective of employee-organization relationships and employee unethical pro-organizational behavior: the moderating role of individual moral identity. *J Bus Ethics*. 2019;159(2):473-89. doi: [10.1007/s10551-018-3782-9](https://doi.org/10.1007/s10551-018-3782-9)
3. Becker WS. Managing business ethics: straight talk about how to do it right. *Pers Psychol*. 2019;72(4):625-6. doi: [10.1111/peps.12360](https://doi.org/10.1111/peps.12360)
4. Parker-Jenkins M. Mind the gap: developing the roles, expectations and boundaries in the doctoral supervisor-supervisee relationship. *Stud High Educ*. 2018;43(1):57-71. doi: [10.1080/03075079.2016.1153622](https://doi.org/10.1080/03075079.2016.1153622)
5. Sadeghi Mahalli F, Valipour Khajehghyasi R, Akbari Farmad S. Professional ethics in teaching from the perspectives of professors and graduate students of Mazandaran University of Medical Sciences: a comparative study. *Stride Dev Med Educ*. 2021;18(1):1-6. doi: [10.22062/sdme.2021.195301.1035](https://doi.org/10.22062/sdme.2021.195301.1035)
6. Meng Q, Sun F. The impact of psychological empowerment on work engagement among university faculty members in China. *Psychol Res Behav Manag*. 2019;12:983-90. doi: [10.2147/prbm.S215912](https://doi.org/10.2147/prbm.S215912)
7. Hou T, Ding X, Yu F. The moral behavior of ethics professors: a replication-extension in Chinese mainland. *Philos Psychol*. 2024;37(2):396-427. doi: [10.1080/09515089.2022.2084057](https://doi.org/10.1080/09515089.2022.2084057)
8. Wu Z, Li Q, Zhang B. The role of innovation and entrepreneurship employee training programs in enhancing organizational commitment from the perspective of industry-education integration. *Front Psychol*. 2025;16:1527741. doi: [10.3389/fpsyg.2025.1527741](https://doi.org/10.3389/fpsyg.2025.1527741)
9. Imani A, Saadati M, Rezapour R, Bashirzadeh A. Professional ethics and organizational commitment among the education department staff of Tabriz University of Medical Sciences. *Res Dev Med Educ*. 2017;6(1):51-5. doi: [10.15171/rdme.2017.009](https://doi.org/10.15171/rdme.2017.009)
10. Sheikh Zakaryae N, Atashzadeh-Shoorideh F. The relationship between professional ethics and organizational commitment of faculty members in Kurdistan University of Medical Sciences. *Adv Nurs Midwifery*. 2016;25(91):21-30.
11. Maydiantoro A, Tusianah R, Isnainy UC, Puja Kesuma TA, Zainaro MA, Nurmalisa Y. A literature review of the three elements of organizational commitment: the meaning of the contribution score average. *WSEAS Trans Bus Econ*. 2021;18:679-89. doi: [10.37394/23207.2021.18.67](https://doi.org/10.37394/23207.2021.18.67)
12. Čulibrk J, Delić M, Mitrović S, Čulibrk D. Job satisfaction, organizational commitment and job involvement: the mediating role of job involvement. *Front Psychol*. 2018;9:132. doi: [10.3389/fpsyg.2018.00132](https://doi.org/10.3389/fpsyg.2018.00132)
13. De Clercq D, Aboramadan M, Kundi YM. How employee pandemic fears may escalate into a lateness attitude, and how a safe organizational climate can mitigate this challenge. *Pers Rev*. 2023;53(4):1039-58. doi: [10.1108/pr-11-2022-0764](https://doi.org/10.1108/pr-11-2022-0764)
14. Shu K. Teachers' commitment and self-efficacy as predictors of work engagement and well-being. *Front Psychol*. 2022;13:850204. doi: [10.3389/fpsyg.2022.850204](https://doi.org/10.3389/fpsyg.2022.850204)
15. Nassri M, Yaghmaei F. Correlation of self-efficacy and boredom and with organizational commitment in faculty members of Islamic Azad University, Zanjan branch. *Journal of Health Promotion Management*. 2020;9(1):42-50.
16. Lopez-Garrido G. Bandura's Self-Efficacy Theory of Motivation in Psychology. *Simply Psychology*; 2023. Available from: <https://www.simplypsychology.org/self-efficacy.html>.
17. Zheng Y, Wang J, Doll W, Deng X, Williams M. The impact of organisational support, technical support, and self-efficacy on faculty perceived benefits of using learning management system. *Behav Inf Technol*. 2018;37(4):311-9. doi: [10.1080/0144929x.2018.1436590](https://doi.org/10.1080/0144929x.2018.1436590)
18. Ismayilova K, Klassen RM. Research and teaching self-efficacy of university faculty: relations with job satisfaction. *Int J Educ Res*. 2019;98:55-66. doi: [10.1016/j.ijer.2019.08.012](https://doi.org/10.1016/j.ijer.2019.08.012)
19. Ortan F, Simut C, Simut R. Self-efficacy, job satisfaction and teacher well-being in the K-12 educational system. *Int J Environ Res Public Health*. 2021;18(23):12763. doi: [10.3390/ijerph182312763](https://doi.org/10.3390/ijerph182312763)
20. Barni D, Danioni F, Benevene P. Teachers' self-efficacy: the role of personal values and motivations for teaching. *Front Psychol*. 2019;10:1645. doi: [10.3389/fpsyg.2019.01645](https://doi.org/10.3389/fpsyg.2019.01645)
21. Negida A. Sample size calculation guide-part 7: how to calculate the sample size based on a correlation. *Adv J Emerg Med*. 2020;4(2):e34. doi: [10.22114/ajem.v0i0.344](https://doi.org/10.22114/ajem.v0i0.344)
22. Khaleghkhal A, Najafi H, Noozad N. The relationship between ethical leadership and quality of work life of public university employees with the moderating role of professional ethics. *Biannual Journal of Education Experiences*. 2021;4(6):119-32.
23. Mohammad Davoudi A, Milad M, Shayan S. The relationship between professional ethics and organizational commitment mediated by organizational justice in ministry of health and medical education, deputy of education. *Iran J Med Educ*. 2018;18(60):541-50.
24. Efthymiopoulos A, Goula A. Measuring the reliability and validity of Allen and Meyer's organizational commitment scale in the public sector. *Corp Gov Organ Behav Rev*. 2024;8(2):113-23. doi: [10.22495/cgobrv8i2p11](https://doi.org/10.22495/cgobrv8i2p11)
25. Davoudi M, Ghorbani SH, Nejat M, Yazdanparast E. The effectiveness of the emotional intelligence skills training on the nurses' organizational commitment. *J Nurs Educ*. 2020;9(5):53-64.
26. Amiri M, Chaman R, Khosravi A. The relationship between health-promoting lifestyle and its related factors with self-efficacy and well-being of students. *Osong Public Health Res Perspect*. 2019;10(4):221-7. doi: [10.24171/j.phrp.2019.10.4.04](https://doi.org/10.24171/j.phrp.2019.10.4.04)
27. Shamsaei F. The relationship between self-efficacy with life satisfaction in undergraduate nursing students at Hamadan Nursing and Midwifery Faculty. *J Nurs Educ*. 2020;8(6):34-40.
28. Bouzarjomehri F, Mansourian M, Herandi Y, Bouzarjomehri H. Academics' adherence to professional ethics in Shahid Sadoughi University of Medical Science: students' viewpoint. *J Med Educ Dev*. 2013;8(3):44-52.
29. Karimi Yarandi H, Aghamiri SH, Komlakh K. Investigation of the status of professional ethics of professors of the university of medical sciences from students' perspective: a systematic review. *Journal of Paramedicine and Health*. 2023;1(1):7-12. doi: [10.32592/jph.1.1.7](https://doi.org/10.32592/jph.1.1.7)
30. Malekshahi F, Ahsanzadeh A, Adinevand A, Darabian S. Evaluation of relationship between professional ethics, communication skills and job performance of clinical teachers in Lorestan University of Medical Sciences in 2019-2020. *J Med Educ Dev*. 2021;14(43):40-7. doi: [10.52547/edcj.14.43.40](https://doi.org/10.52547/edcj.14.43.40)
31. Farzanjou M, Shef Y, Pardakhtchi MH, Fathi Vajargah K. The study of the relationship between organizational justice,

- organizational commitment and job satisfaction of faculty members at state and Islamic Azad Universities in Sistan & Balouchestan. *Journal of Management and Planning in Educational System*. 2016;9(2):41-68.
32. Pourvakhshoori SN, Pasha A, Ghanbari A, Atrkar-Roshan Z. Relationship between demographic factors and health self-efficacy in academic staff of Guilan University of Medical Sciences. *J Inflamm Dis*. 2012;16(1):51-7.
  33. Khanian A, Homyuni A, Jamshidian Z, Salehi A. Investigating the correlation between organizational ethics and professional ethics with job burnout and organizational commitment: a cross-sectional study in the nursing staff. *BMC Nurs*. 2024;23(1):560. doi: [10.1186/s12912-024-02219-x](https://doi.org/10.1186/s12912-024-02219-x)
  34. Mohammadi Fomani M, Sharifi A, Etemad Ahari AA. Factors influencing occupational ethics among faculty members at Farhangian university: a mixed method research. *J Occup Health Epidemiol*. 2020;9(1):41-51. doi: [10.29252/johe.9.1.41](https://doi.org/10.29252/johe.9.1.41)
  35. Albooghobeish M, Nazari S, Adarvishi S, Haghhighizadeh MH. Multi-method approach of teaching professional ethics to improve organizational commitment and job involvement: a quasi-experimental study. *J Adv Med Educ Prof*. 2023;11(3):179-89. doi: [10.30476/jamp.2023.97638.1772](https://doi.org/10.30476/jamp.2023.97638.1772)
  36. Aghaie Motlagh R. The relationship between professional ethics of university professors and job satisfaction and self-efficacy beliefs (case study of Karaj university professors). *Management and Educational Perspective*. 2021;2(4):37-53. doi: [10.22034/jmep.2021.260115.1041](https://doi.org/10.22034/jmep.2021.260115.1041)