

Sree Narayana Gurukulam College of Engineering, EkmDt

Email: [nasbfaculty@sngce.ac.in](mailto:nasbfaculty@sngce.ac.in) NASB: Batch 2019-23

Exit/Graduating Students Survey

The purpose of this survey is to get input from graduating students, on the quality of education they have received and the level of preparation they have had with NASB engineering program at this College. The survey is meant to assess if the academic program, NASB, has ended its Program Outcomes (POs), among students. As a graduating student please take the time to complete this survey. Your response is a key part of our continuous improvement process and is critical to our accreditation endeavour. We appreciate your participation.

Name of Student Mereena Davis

Program: NASB

Name of Employer (if employed) Cyber Marine Knowledge Systems

Year of graduation: 2023

email: [mereenadavis2001@gmail.com](mailto:mereenadavis2001@gmail.com)

Phone 6235926372

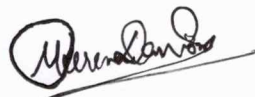
Please rate the extent to which the Program Outcomes (POs) of your engineering program, NASB, (Naval Architecture and Ship Building) helped you develop the following, abilities and skills.

Please insert  in the appropriate cell to indicate your degree of satisfaction:

1-excellent, 2-good, 3-Average, 4-poor

S No	PEOs, and POs have prepared me to attain the following attributes	1	2	3	4
1	Apply knowledge of mathematics, science and engineering	<input checked="" type="checkbox"/>			
2	Design and conduct experiments in my engineering program, as well as analyse and interpret data	<input checked="" type="checkbox"/>			
3	Design a system, component or process to meet desired needs in my engineering program within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.		<input checked="" type="checkbox"/>		
4	Function with multidisciplinary teams	<input checked="" type="checkbox"/>			
5	Identify, formulate, and solve engineering problems	<input checked="" type="checkbox"/>			
6	Understand professional and ethical responsibility		<input checked="" type="checkbox"/>		
7	Communicate effectively		<input checked="" type="checkbox"/>		
8	Acquire the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.	<input checked="" type="checkbox"/>			
9	Recognize the need for, and develop an ability to engage in life-long learning.	<input checked="" type="checkbox"/>			
10	Acquire knowledge of contemporary issues		<input checked="" type="checkbox"/>		
11	Use techniques, skills and modern engineering tools necessary for engineering practice	<input checked="" type="checkbox"/>			
12	Create and/or use engineering related software tools and equipment to analyse engineering problems		<input checked="" type="checkbox"/>		
13	Gain employment in engineering and related industry and be able to participate and succeed in competitive examinations.		<input checked="" type="checkbox"/>		


Any suggestions on how to improve?/ Any other comments?



Signature

Date: 26-5-2023



  
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**Survey Forms – Questionnaires**  
**Department of ME**

*AJAY RAJENDRAN*  
*S8 ME*  
*(2019-2023 BATCH)*

**1. Graduate Survey– Questionnaires**

Sl. No	Program Outcomes (POs)	Excellent	Very Good	Satisfactory
		-3	-2	-1
1	Engineering Knowledge I have gained an in-depth knowledge of mathematics, Mechanical and engineering as it applies to advances in mechanical engineering field.		✓	
2	Problem analysis I have an ability to identify, formulate, and solve computing problems, accounting for the interaction between mechanical devices.		✓	
3	Design / Development of Solutions I am able to apply my engineering knowledge to design components, or processes to meet desired needs within realistic constraints.	✓		
4	Conduct investigations of complex problems I am able to design and conduct experiments, as well as to organize, analyze and interpret data.		✓	
5	Modern tool usage I have had the opportunity to use the techniques, skills, and modern engineering tools necessary for mechanical engineering practice.		✓	
6	The engineer and society Able to show the understanding of impact of engineering solutions in a global on the society, economic, environmental.			✓
7	Environment and sustainability I am able to understand the impact of the mechanical based solutions in societal and environmental context.	✓		
8	Ethics I have had the opportunity to learn professional, legal, and ethical issues and responsibilities.	✓		
9	Individual and team work I have the training necessary to work individually or as a member with responsibility to function on multi-disciplinary teams.		✓	
10	Communication I am able to communicate effectively in speech and in writing, including documentation of mechanical systems.			✓

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11	Project management and finance I have had the opportunity to learn and apply engineering and management knowledge and techniques to estimate time and resources needed to complete a mechanical engineering project.	✓		
12	Life - long learning I have an ability to acquire new knowledge in the mechanical discipline and to engage in life- long learning.	✓		
13	PSO1: <b>Process Knowledge:</b> Understand the concepts of Mechanical Engineering and its applications in the field of Production & Manufacturing, Design and Thermal Engineering and to apply technical knowledge and usage of modern software tools for solving real world problems		✓	
14	PSO2: <b>Process Application:</b> Analyze, comprehend, design & develop Mechanical systems for a variety of engineering applications and thus demonstrating professional ethics & concern for societal well being.	✓		



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18-22

Survey Forms - Questionnaires  
Department of EEE

Akshay Raj

## 1. Graduate Survey- Questionnaires

Sl. No	Program Outcomes (POs)	Excellent	Very Good	Satisfactory		
		-3	-2	-1		
1	Engineering Knowledge I have gained an in-depth knowledge of mathematics, electrical and electronics engineering		✓			
2	Problem analysis I have an ability to identify, formulate, and solve problems in electrical and electronics engineering			✓		
3	Design / Development of Solutions I am able to apply my engineering knowledge to design hardware and software systems, components, or processes to meet desired needs within realistic constraints.			✓		
4	Conduct investigations of complex problems I am able to design and conduct experiments, as well as to organize, analyze and interpret data.			✓		
5	Modern tool usage I have had the opportunity to use the techniques, skills, and modern engineering tools			✓		
6	The engineer and society Able to show the understanding of impact of engineering solutions in a global on the society, economic, environmental.			✓		
7	Environment and sustainability I am able to understand the impact of the computer based solutions in societal and environmental context.		✓			
8	Ethics I have had the opportunity to learn professional, legal, and ethical issues and responsibilities.		✓			
9	Individual and team work I have the training necessary to work individually or as a member with responsibility to function on multi-disciplinary teams.		✓			



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10	Communication I am able to communicate effectively in speech and in writing, including documentation of hardware and software systems.		✓			
11	Project management and finance I have had the opportunity to learn and apply engineering and management knowledge and techniques to estimate time and resources needed to complete an electrical engineering project.		✓			
12	Life - long learning I have an ability to acquire new knowledge in the Computing discipline and to engage in life-long learning.			✓		
13	PSO1 I have ability to analyse and solve real time engineering problems in electrical and electronics systems		✓			
14	PSO2: I have ability to use modern software tools to analyse and design electrical and electronics systems			✓		

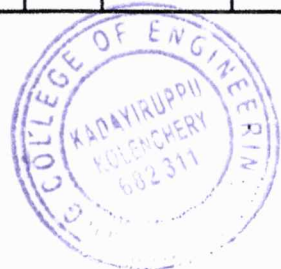
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AKshay AK

Survey Forms - Questionnaires  
Department of EEE

1. Graduate Survey- Questionnaires

Sl. No	Program Outcomes (POs)	Excell ent	Very Good	Satisfact ory		
		-3	-2	-1		
1	Engineering Knowledge I have gained an in-depth knowledge of mathematics, electrical and electronics engineering			✓		
2	Problem analysis I have an ability to identify, formulate, and solve problems in electrical and electronics engineering			✓		
3	Design / Development of Solutions I am able to apply my engineering knowledge to design hardware and software systems, components, or processes to meet desired needs within realistic constraints.			✓		
4	Conduct investigations of complex problems I am able to design and conduct experiments, as well as to organize, analyze and interpret data.			✓		
5	Modern tool usage I have had the opportunity to use the techniques, skills, and modern engineering tools			✓		
6	The engineer and society Able to show the understanding of impact of engineering solutions in a global on the society, economic, environmental.			✓		
7	Environment and sustainability I am able to understand the impact of the computer based solutions in societal and environmental context.			✓		
8	Ethics I have had the opportunity to learn professional, legal, and ethical issues and responsibilities.			✓		
9	Individual and team work I have the training necessary to work individually or as a member with responsibility to function on multi-disciplinary teams.		✗	✓		



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10	<p>Communication</p> <p>I am able to communicate effectively in speech and in writing, including documentation of hardware and software systems.</p>		✓			
11	<p>Project management and finance</p> <p>I have had the opportunity to learn and apply engineering and management knowledge and techniques to estimate time and resources needed to complete an electrical engineering project.</p>		✓			
12	<p>Life - long learning</p> <p>I have an ability to acquire new knowledge in the Computing discipline and to engage in life-long learning.</p>		✓			
13	<p>PSO1 I have ability to analyse and solve real time engineering problems in electrical and electronics systems</p>			✓		
14	<p>PSO2: I have ability to use modern software tools to analyse and design electrical and electronics systems</p>			✓		

Sree Gurukulam College of Engineering

Email: pgsk@sngce.ac.in (HoD)

Alumni Survey

The National Board of Accreditation (NBA) is the professional accrediting organization that accredits Engineering and Technology programs. NBA requires each accredited program to demonstrate that certain criteria are met through a specific multi-tiered process. This survey is meant to obtain your input on the quality of the engineering program you pursued at this Institute and to assess if the academic program has achieved its Program Educational Objectives (PEOs) / Outcomes (POs). Please take the time to complete this survey. Your response is a key part of our continuous improvement process and is critical to our NBA accreditation endeavour. We appreciate your participation.

Name of Alumnus Jishnu S Sarma

Program B Tech

Name of Organization Vedam Design, Mumbai

Type of Business Marine Design

Number of employees. 75

No of SNGCE graduates working with your Organization. 08

Year of graduation 2022

email id jishnussarma@gmail.com

Contact number 7736790275

From your experience please rate the degree to which SNGCE prepared its graduates to achieve the indicated PEOs/POs.

Please insert V in the appropriate cell to indicate your degree of satisfaction:


4-excellent, 3-good, 2-Average, 1-poor

S No	PEOs, and POs will /have prepare(d) me to attain the following attributes	4	3	2	1
1	Apply knowledge of mathematics, science and engineering		V		
2	Design and conduct experiments in my engineering program, as well as analyse and interpret data	V			
3	Design a system, component or process to meet desired needs in my engg program within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.		V		
4	Function with multidisciplinary teams	V			
5	Identify, formulate, and solve engineering problems	V			
6	Understand professional and ethical responsibility		V		
7	Communicate effectively				
8	Acquire the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.		V		
9	Recognize the need for, and develop an ability to engage in life-long learning.	V			
10	Acquire knowledge of contemporary issues		V		
11	Use techniques, skills and modern engineering tools necessary for engineering practice	V			
12	Create and/or use engineering related software tools and equipment to analyse engineering problems	V			
13	Gain employment in engineering and related industry and be able to participate and succeed in competitive examinations.		V		

Any suggestions on how to improve?/ Any other comments?

  
Signature



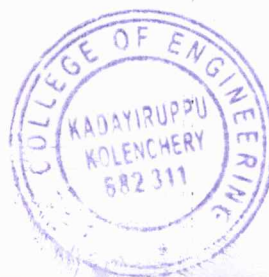
  
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Manu Joy Olickel  
[2017-21 Batch]

2. Alumni Feedback Survey– Questionnaires

Sl. No.	Questions	POs	Excellent	Very Good	Satisfactory
			3	2	1
1	How do you rate the engineering knowledge obtained during course period?	PO1	✓		
2	How do you find the program related to problem analysis?	PO2	✓		
3	Were able to design solutions for complex engineering problems?	PO3		✓	
4	Did you use research based knowledge for interpreting your data during project work?	PO4	✓		
5	How this program helped in applying modern tool usage for your problems?	PO5	✓		
6	How do you rate your understanding of impact of engineering solutions in a global on the society, economic, environmental aspects?	PO6	✓		
7	Did you understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	PO7		✓	
8	Were you able to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice?	PO8		✓	
9	Did you have opportunity to function as an individual or in a team?	PO9	✓		
10	How do you rate your skill of communicating effectively in speech and in writing, including documentation of mechanical systems?	PO10	✓		
11	Were you able to manage project and finance aspects effectively in your work environment?	PO11		✓	
12	How far this program helped you to acquire new knowledge in the computing discipline and to engage in life- long learning?	PO12		✓	
13	Are our graduates able to find innovative solutions to problems in various domains of Mechanical Engg?	PSO1		✓	
14	Are our graduates able to develop software solutions and innovative mobile applications for various problems?	PSO2	✓		



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Madhona O.S  
EEE

## 2. Alumni Feedback Survey- Questionnaires

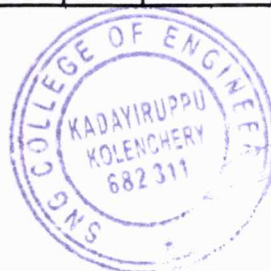
Sl. No	Questions	POs	Excellent	Very Good	Satisfactory
			3	2	1
1	How do you rate the engineering knowledge obtained during course period?	PO1		✓	
2	How do you find the program related to problem analysis?	PO2		✓	
3	Were able to design solutions for complex engineering problems?	PO3			✓
4	Did you use research based knowledge for interpreting your data during project work?	PO4		✓	
5	How this program helped in applying modern tool usage for your problems?	PO5		✓	
6	How do you rate your understanding of impact of engineering solutions in a global on the society, economic, environmental aspects?	PO6		✓	
7	Did you understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	PO7			✓
8	Were you able to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice?	PO8		✓	
9	Did you have opportunity to function as an individual or in a team?	PO9		✓	
10	How do you rate your skill of communicating effectively in speech and in writing, including documentation of hardware and software systems?	PO10		✓	
11	Were you able to manage project and finance aspects effectively in your work environment?	PO11		✓	
12	How far this program helped you to acquire new knowledge in the computing discipline and to engage in life- long learning?	PO12		✓	
13	Are our graduates able to find innovative solutions to problems in various domains of Electrical engineering?	PSO1		✓	
14	Are our graduates able to develop modern software tools to analyse and design electrical and electronics systems?	PSO2			✓



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## 2. Alumni Feedback Survey- Questionnaires

Sl. No	Questions	POs	Excellent	Very Good	Satisfactory
			3	2	1
1	How do you rate the engineering knowledge obtained during course period?	PO1		✓	
2	How do you find the program related to problem analysis?	PO2			
3	Were able to design solutions for complex engineering problems?	PO3			✓
4	Did you use research based knowledge for interpreting your data during project work?	PO4		✓	
5	How this program helped in applying modern tool usage for your problems?	PO5			✓
6	How do you rate your understanding of impact of engineering solutions in a global on the society, economic, environmental aspects?	PO6		✓	
7	Did you understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	PO7		✓	
8	Were you able to apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice?	PO8		✓	
9	Did you have opportunity to function as an individual or in a team?	PO9		✓	
10	How do you rate your skill of communicating effectively in speech and in writing, including documentation of hardware and software systems?	PO10			✓
11	Were you able to manage project and finance aspects effectively in your work environment?	PO11	✓		
12	How far this program helped you to acquire new knowledge in the computing discipline and to engage in life- long learning?	PO12		✓	
13	Are our graduates able to find innovative solutions to problems in various domains of Electrical engineering?	PSO1			✓
14	Are our graduates able to develop modern software tools to analyse and design electrical and electronics systems?	PSO2			✓



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Email: pgsk@sngce.ac.in (HoD)

Employer/Industry Survey

The National Board of Accreditation (NBA) is the professional accrediting organization that accredits Engineering and Technology programs. NBA requires each accredited program to demonstrate that certain criteria are met through a specific multi-tiered process. At the higher level are Program Educational Objectives (PEOs) which are the broad statements that describe the career and professional accomplishments that the programs are preparing graduates to achieve, 3-5 years after graduation. The purpose of this survey is to obtain employers' input on the quality of graduates of NASB engineering programs of this Institute and to assess if academic Program Educational Objectives (PEOs) /Outcomes (POs) will be met. We seek your help in completing this survey. Your response is a key part of our continuous improvement process and is critical to our NBA accreditation endeavour. We appreciate your participation.

Name of Organization Aries Marine & Engineering Aervices

Name of respondent Rajesh PV

email id rajeshpv@ariesmar.com

Contact no. 9995806818

Type of Business : Marine Desgn

Number of employees. 1250

No of SNGCE graduates working with your Organization. 24

From your experience with SNGCE graduates please rate the degree to which graduates achieved the indicated PEOs/POs, (below). They are expected to achieve them usually within 3-5 years after graduation.

Please insert  in the appropriate cell to indicate your degree of satisfaction:

4-excellent, 3-good, 2-Average, 1-poor

S No	PEOs, and POs will /have prepare(d) me to attain the following attributes	4	3	2	1
1	Apply knowledge of mathematics, science and engineering		<input checked="" type="checkbox"/>		
2	Design and conduct experiments in my engineering program, as well as analyse and interpret data		<input checked="" type="checkbox"/>		
3	Design a system, component or process to meet desired needs in my engg program within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.		<input checked="" type="checkbox"/>		
4	Function with multidisciplinary teams		<input checked="" type="checkbox"/>		
5	Identify, formulate, and solve engineering problems		<input checked="" type="checkbox"/>		
6	Understand professional and ethical responsibility		<input checked="" type="checkbox"/>		
7	Communicate effectively		<input checked="" type="checkbox"/>		
8	Acquire the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.		<input checked="" type="checkbox"/>		
9	Recognize the need for, and develop an ability to engage in life-long learning.		<input checked="" type="checkbox"/>		
10	Acquire knowledge of contemporary issues		<input checked="" type="checkbox"/>		
11	Use techniques, skills and modern engineering tools necessary for engineering practice		<input checked="" type="checkbox"/>		
12	Create and/or use engineering related software tools and equipment to analyse engineering problems		<input checked="" type="checkbox"/>		
13	Gain employment in engineering and related industry and be able to participate and succeed in competitive examinations.		<input checked="" type="checkbox"/>		

Any suggestions on how to improve?/ Any other comments?



Signature



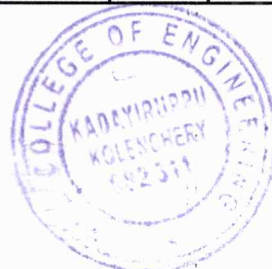



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SHAKTHIMAN SUPER PVC  
PIPES & FITTINGS  
AKANAD, MUDAKUZHA P.O

3. Employer Survey- Questionnaires

Sl. No	Questions	POs/ PSOs	Excellent	Very Good	Satisfactory
			3	2	1
1	How satisfied were you with the information provided by the department about the skills and knowledge of the student for campus recruitment?	PO1	✓		
2	How do you rate our students' ability to identify, formulate, and solve computing problems?	PO2		✓	
3	How did u find our student, with respect to design and development of new products or solutions?	PO3	✓		
4	Your view on our students, regarding investigating new problems in the industry and interpretation of data.	PO4		✓	
5	How fit is our graduate in applying modern tools for solving problems?	PO5	✓		
6	How responsible are our graduates in contextual knowledge to assess societal, health, safety, legal and cultural issues?	PO6	✓		
7	You're rating on our student in handling environmental contexts?	PO7	✓		
8	Your opinion about our graduates with respect to their ethical and moral values?	PO8		✓	
9	How do our students present themselves individually and in team work?	PO9	✓		
10	Our student's skill in communicating effectively in speech and in writing, including documentation of software systems.	PO10	✓		
11	How do you find our students performance in understanding project management and financial principles of the company?	PO11	✓		
12	Rating of our students with respect to attitude and willingness for lifelong learning?	PO12	✓		
13	Are our graduates able to find innovative solutions to problems in various domains of Mechanical Engg?	PSO1		✓	
14	Are our graduates able to develop innovative ideas for various problems?	PSO2		✓	



  
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## 3. Employer Survey- Questionnaires

Sl. No	Questions	POs/ PSOs	Excellent	Very Good	Satisfactory
			3	2	1
1	How satisfied were you with the information provided by the department about the skills and knowledge of the student for campus recruitment?	PO1		✓	
2	How do you rate our students' ability to identify, formulate, and solve hardware and software computing problems?	PO2		✓	
3	How did u find our student, with respect to design and development of new products or solutions?	PO3		✓	
4	Your view on our students, regarding investigating new problems in the industry and interpretation of data.	PO4		✓	
5	How fit is our graduate in applying modern tools for solving problems?	PO5	✓		
6	How responsible are our graduates in contextual knowledge to assess societal, health, safety, legal and cultural issues?	PO6	✓		
7	You're rating on our student in handling environmental contexts?	PO7	✓		
8	Your opinion about our graduates with respect to their ethical and moral values?	PO8	✓		
9	How do our students present themselves individually and in team work?	PO9	✓		
10	Our student's skill in communicating effectively in speech and in writing, including documentation of software systems.	PO10	✓		
11	How do you find our students performance in understanding project management and financial principles of the company?	PO11		✓	
12	Rating of our students with respect to attitude and willingness for lifelong learning?	PO12		✓	
13	Are our graduates able to find innovative solutions to problems in various domains of electrical engineering	PSO1		✓	
14	Are our graduates able to develop modern software tools to analyse and design electrical and electronics systems ?	PSO2		✓	



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## 3. Employer Survey- Questionnaires

Sl. No	Questions	POs/ PSOs	Excellent	Very Good	Satisfactory
			3	2	1
1	How satisfied were you with the information provided by the department about the skills and knowledge of the student for campus recruitment?	PO1	✓		
2	How do you rate our students' ability to identify, formulate, and solve hardware and software computing problems?	PO2		✓	
3	How did u find our student, with respect to design and development of new products or solutions?	PO3			✓
4	Your view on our students, regarding investigating new problems in the industry and interpretation of data.	PO4		✓	
5	How fit is our graduate in applying modern tools for solving problems?	PO5		✓	
6	How responsible are our graduates in contextual knowledge to assess societal, health, safety, legal and cultural issues?	PO6	✓		
7	You're rating on our student in handling environmental contexts?	PO7	✓		
8	Your opinion about our graduates with respect to their ethical and moral values?	PO8	✓	✓	
9	How do our students present themselves individually and in team work?	PO9		✓	
10	Our student's skill in communicating effectively in speech and in writing, including documentation of software systems.	PO10	✓		
11	How do you find our students performance in understanding project management and financial principles of the company?	PO11		✓	
12	Rating of our students with respect to attitude and willingness for lifelong learning?	PO12		✓	
13	Are our graduates able to find innovative solutions to problems in various domains of electrical engineering	PSO1		✓	
14	Are our graduates able to develop modern software tools to analyse and design electrical and electronics systems ?	PSO2		✓	



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