



## Information to be provided by Nominees with their documents

(The statement should be supported by documentary proof)

1.	Cumulative Impact Factor	
2.	Life-long citations	
3.	H-Factor	
4.	PhDs supervised that had led to award of PhD degrees	
5.	Patents: i. National ii. International	
6.	Books published: i. At national level ii. At International level	
7.	Honors and Awards: i. International ii. National	
8.	*Other Contributions	

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

\* Additional sheets may be used, if required.

## 1. Award of PAS Gold Medals 2017 in Various Scientific Disciplines

Pakistan Academy of Sciences (PAS) invites nominations for “PAS Gold Medals-2017” in the following nine scientific disciplines:

- (i) Agricultural Sciences, including Veterinary Sciences and Forestry;
- (ii) Biological Sciences, including Botany, Zoology, Microbiology and Bio-Chemistry;
- (iii) Chemical Sciences Including Pharmaceutical Sciences;
- (iv) Earth and Environmental Sciences;
- (v) Emerging Technologies, including Biotechnology, Nanotechnology, Molecular Biology, and Bioinformatics;
- (vi) Engineering Sciences, including Information Technology;
- (vii) Mathematical Sciences, including Mathematics, Statistics and Computer Sciences;
- (viii) Health Sciences; and
- (ix) Physics.

The medals are awarded to Pakistani Scientists who have made outstanding contributions in science and technology. The purpose is to encourage and promote Scientific Research. Each award carries Rs. 35,000/- cash, a Gold Medal and a Certificate.

### NOMINATIONS

Only one nomination can be made in each of the above subjects by Fellows of the Academy, Vice Chancellors/Rectors of Universities and Heads of Organizations engaged in scientific education and research.

### ELIGIBILITY

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Gold Medals, provided they have not received any Medal / Prize from the Academy during the past five years. A Gold Medal is awarded to a Scientist only once in his/her life time. Therefore, those who have already received the Gold Medal are not eligible to apply again in that discipline. The minimum criteria for eligibility are given below:

#### A. Gold Medals and Prizes with no age limit:

i.	Impact Factor:	50
ii.	Citations:	300
iii.	h-index:	15

### DOCUMENTATION

Nominations on the organization's official letterhead must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- i) Information/documents about various performance parameters as required in the attached proforma;
- ii) Biodata and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor);
- iii) A brief summary highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee's research papers by other scientists, gold medals and other awards already received;
- iv) Reprints or photocopies of the most important research papers published in scientific journals of international repute;
- v) Two recent passport size colored photographs of the nominee.

FIELD/DISCIPLINE OF THE NOMINEE MUST BE CLEARLY MENTIONED IN THE NOMINATION LETTER.

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee received by the Pakistan Academy of Sciences shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

Incomplete applications and those received after due date, will not be entertained.

The last date for receipt of the nominations (complete in all respects) by the **Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, is **15<sup>th</sup> February, 2017**.

## 2. Dr. Atta-ur-Rahman Gold Medal (2017) in Chemistry for Scientists under 40

Pakistan Academy of Sciences (PAS) invites nominations for “Dr. Atta-ur-Rahman Gold Medal” in the field of **Chemistry**, for the year 2017, for scientists who are below the age of 40. The Award carries Rs. 35,000/- cash award, a Gold Medal and a Certificate.

### NOMINATIONS

Only one nomination can be made by Fellows of the Academy, Vice Chancellors of Universities and Heads of Organizations engaged in scientific education and research.

### ELIGIBILITY

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Gold Medal, provided they have not received any Medal / Prize from the Academy during the past five years. Dr. Atta-ur-Rahman Gold Medal is awarded only once in life time to a Scientist. Therefore, those who have already received the Gold Medal are not eligible to apply again.

The minimum criteria for eligibility are given below:

i.	Impact Factor:	25
ii.	Citations:	100
iii.	h-index:	10

### DOCUMENTATION

Nominations on the organization's official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- iii) Information/documents about various performance parameters as required in the attached proforma;
- iv) Bio-data and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor);
- iii) A brief summary highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee's research papers by other scientists, gold medals and other awards already received;
- iv) Reprints or photocopies of the most important research papers published in scientific journals of international repute;
- v) Attested photo copy of NIC;
- vi) Two recent passport size colored photographs of the nominee;

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

### **Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by **the Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, **is February 15, 2017.**

**It may kindly be ensured that age of the nominee is below 40 years by February 15, 2017**

### **3. Dr. M. Raziuddin Siddiqi Prize (2017) for Scientists under 40 in the Field of Mathematics**

Pakistan Academy of Sciences invites nominations for “**Dr. M. Raziuddin Siddiqi Prize**” in the field of **Mathematics** for the year 2017 for Scientists **who are below the age of 40**. The Prize carries Cash Award of Rs. 35,000/-, Gold Medal and a Certificate.

#### **Nomination**

Only one nomination can be made by Fellows of the Academy, Vice Chancellors of Universities and Heads of Organizations engaged in scientific education and research.

#### **Eligibility**

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Prize provided they have not received any Medal / Prize from the Academy during past five years. The Prize is awarded to a Scientist only once in his/her life time. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

iv.	Impact Factor:	25
v.	Citations:	100
vi.	h-index:	10

#### **Documentation**

Nominations on the organization’s official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- i) Information/documents about various performance parameters as required in the attached form.
- ii) Biodata and complete list of research papers (Papers with Impact Factor be listed separately with their Impact factor)
- iii) A brief summary highlighting the outstanding achievements in the field of scientific research, gold medals and other awards already received.
- iv) Reprints or photocopies of the most important research papers published in scientific journals of international repute.
- v) Attested copy of NIC.
- vi) Two recent passport size coloured photographs of the nominee.

The Academy will have the right to call for the copies of the Monographs/Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the prize.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

**Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by the **Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad is **February 15, 2017**.

**It must be ensured that the age of the nominee is below 40 years by February 15, 2017.**

#### **4. Dr. Shah Jahan Prize (2017) for Scientists Under 40.**

Pakistan Academy of Sciences invites nominations for “Dr. Shah Jahan Prize”, in the field of **Medical Sciences** for the Year 2017 for Scientists who are below the age of 40. The Prize carries Cash Award of Rs. 35,000/- Gold Medal and a Certificate.

##### **Nomination**

Only one nomination can be made by Fellows of the Academy, Vice Chancellors/Rectors of Universities and Heads of Organizations engaged in scientific education and research.

##### **Eligibility**

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Prize provided they have not received any Medal / Prize from the Academy during the past five years. The Prize is awarded to a Scientist only once in his/her life time. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

vii.	Impact Factor:	25
viii.	Citations:	100
ix.	h-index:	10

##### **Documentation**

Nominations on the organization’s official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- v) Information/documents about various performance parameters as required in the attached proforma;
- vi) Biodata and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor)
- iii) A brief summary highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee’s research papers by other scientists, gold medals and other awards already received.
- iv) Reprints or photocopies of the research papers published in scientific journals of international repute.
- v) Two recent passport size coloured photographs of the nominee.
- vi) An attested copy of NIC of the Nominee.

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee received by the Pakistan Academy of Sciences shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

##### **Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by the **Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad is **February 15, 2017**.

**It must be ensured that the age of the nominee is below 40 years by February 15, 2017.**

## 5. PAS-COMSTECH Prize in Computer Science (IT) 2017

Pakistan Academy of Sciences invites nominations for **PAS-COMSTECH Prize in Computer Science (IT)**. The Prize carries a cash prize of Rs. 35,000/-, a Gold Medal and a Certificate.

### Nominations

The nominations for the award of the Prize may be made by the Fellows of the Academy, Vice Chancellors/ Rectors of Universities and Heads of Organizations engaged in Scientific Education and Research. A person can make only one nomination for the Award.

### ELIGIBILITY

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Prize, provided they have not received any Medal / Prize from the Academy during past five years. The prize is awarded only once in life time to a Scientist. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

x.	Impact Factor:	50
xi.	Citations:	300
xii.	h-index:	15

### DOCUMENTATION

Nominations on the organization's official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- vii) Information/documents about various performance parameters as required in the attached proforma;
- viii) Bio-data and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor);
- iii) A brief summary highlighting the outstanding internationally acclaimed achievements in the field, including the citations of the nominee's research papers by other scientists, gold medals and other awards already received;
- iv) Reprints or photocopies of the most important research papers published in scientific journals of international repute;
- v) Two recent passport size coloured photographs of the nominee;

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

**Incomplete nominations and those received after the due date will not be entertained.**

The last date for receiving the nominations (complete in all respects) by **the Secretary General, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, is February 15, 2017.**

## 6. Dr. M. N. Azam Prize in Computer Sciences (Software) 2017

Pakistan Academy of Sciences invites nominations for **Dr. M. N. Azam Prize in Computer Sciences (Software)**. The Prize carries a cash prize of Rs. 15,000/-, and a Certificate.

### Nominations

The nominations for the award of the Prize may be made by the Fellows of the Academy, Vice Chancellors/ Rectors of Universities and Heads of Organizations engaged in Scientific Education and Research. A person can make only one nomination for the Award.

### ELIGIBILITY

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Prize, provided they have not received any Medal / Prize from the Academy during past five years. The prize is awarded only once in life time to a Scientist. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

xiii.	Impact Factor:	50
xiv.	Citations:	300
xv.	h-index:	15

### DOCUMENTATION

Nominations on the organization's official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- ix) Information/documents about various performance parameters as required in the attached proforma;
- x) Bio-data and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor);
- vi) A brief summary highlighting the outstanding internationally acclaimed achievements in the field, including the citations of the nominee's research papers by other scientists, gold medals and other awards already received;
- vii) Reprints or photocopies of the most important research papers published in scientific journals of international repute;
- viii) Two recent passport size coloured photographs of the nominee;

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

**Incomplete nominations and those received after the due date will not be entertained.**

The last date for receiving the nominations (complete in all respects) by **the Secretary General, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, is February 15, 2017.**



## **7. Dr. Zabta Khan Shinwari Gold Medal (2017) in Biotechnology for Scientists under 50**

Pakistan Academy of Sciences (PAS) invites nominations for “Dr. Zabta Khan Shinwari Gold Medal” in the field of **Biotechnology**, for the year 2017, for scientists who are below the age of 50. The Award carries Rs. 30,000/- cash award, a Gold Medal and a Certificate.

### **NOMINATIONS**

Only one nomination can be made by Fellows of the Academy, Vice Chancellors of Universities and Heads of Organizations engaged in scientific education and research.

### **ELIGIBILITY**

Only Pakistani scientists, except Fellows of PAS, will be eligible for the Gold Medal, provided they have not received any Medal / Prize from the Academy during the past five years. Dr. Zabta Khan Shinwari Gold Medal is awarded only once in life time to a Scientist. Therefore, those who have already received the Gold Medal are not eligible to apply again.

The minimum criteria for eligibility are given below:

xvi.	Impact Factor:	25
xvii.	Citations:	100
xviii.	h-index:	10

### **DOCUMENTATION**

Nominations on the organization’s official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- xi) Information/documents about various performance parameters as required in the attached proforma;
- xii) Bio-data and complete list of research papers. (Papers in Impact Factor Journals be listed separately with their Impact Factor);
- vii) A brief summary highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee’s research papers by other scientists, gold medals and other awards already received;
- viii) Reprints or photocopies of the most important research papers published in scientific journals of international repute;
- ix) Attested photo copy of NIC;
- x) Two recent passport size colored photographs of the nominee;

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

### **Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by **the Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, **is February 15, 2017.**

**It may kindly be ensured that age of the nominee is below 50 years by February 15, 2017**

## **8. Nominations for “Abdus Salam Prize in Basic Sciences (2017)” in Biology for Scientists under 40**

Pakistan Academy of Sciences (PAS), Islamabad, invites nominations for “**Abdus Salam Prize in Basic Sciences 2017**”, in the field of **Biology**, for scientists who were below the age of 40 on 31<sup>st</sup> December, 2016. The Prize carries cash award of US\$ 2000/-

### **NOMINATIONS**

Only one nomination can be made by Fellows of the Academy, Vice Chancellors/ Rectors of Universities and Heads of Organizations engaged in scientific education and research.

### **ELIGIBILITY**

- i. Candidates should hold a university degree (minimum qualification is a Master's degree).
- ii. Candidates should not be older than 40 years of age on December 31, 2016.
- iii. Candidates should be nationals of a developing country, and should have worked and lived in Pakistan for a minimum of 2-years immediately prior to their nomination.
- iv. Candidates should have a good record of research publications in internationally recognized journals.
- v. The Prize is awarded only once in life time to a Scientist. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

xix.	Impact Factor:	25
xx.	Citations:	100
xxi.	h-index:	10

### **DOCUMENTATION**

Nominations on the organization's official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- i) Information/documents about various performance parameters as required in the attached proforma;
- ii) Biodata and complete list of research papers. (Research papers in Impact Factor Journals should be listed separately, with their Impact Factor)
- iii) A brief summary, highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee's research papers by other scientists, gold medals and other awards already received.
- iv) Reprints or photocopies of the most important research papers published in scientific journals of international repute.
- v) Attested copy of NIC.
- vi) Two recent passport size colored photographs of the nominee.
- vii) If a candidate has authored an article/essay with ground breaking idea, then he/she should report such an achievement, which shall be taken into consideration while evaluating merit of the candidate.

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

### **Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by the **Secretary General**, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, is **February 15, 2017**.

**It may kindly be ensured that the age of the nominee is below 40 years on December 31, 2016.**

## **9. Nominations for “Salimuzzaman Siddiqui Prize in Applied Science Technology 2017” in Engineering Sciences for Scientists under 40**

Pakistan Academy of Sciences (PAS), Islamabad, invites nominations for “**Salimuzzaman Siddiqui Prize in Applied Science Technology 2017**”, in the field of **Engineering Sciences**, for scientists who were below the age of 40 on 31<sup>st</sup> December, 2016. The Prize carries cash award of US\$ 1000/-

### **NOMINATIONS**

Only one nomination can be made by Fellows of the Academy, Vice Chancellors/ Rectors of Universities and Heads of Organizations engaged in scientific education and research.

### **ELIGIBILITY**

- vi. Candidates should hold a university degree (minimum qualification is a Master's degree).
- vii. Candidates should not be older than 40 years of age on December 31, 2016.
- viii. Candidates should be nationals of a developing country, and should have worked and lived in Pakistan for a minimum of 2-years immediately prior to their nomination.
- ix. Candidates should have a good record of research publications in internationally recognized journals.
- x. The Prize is awarded only once in life time to a Scientist. Therefore, those who have already received the Prize are not eligible to apply again.

The minimum criteria for eligibility are given below:

xxii.	Impact Factor:	25
xxiii.	Citations:	100
xxiv.	h-index:	10

### **DOCUMENTATION**

Nominations on the organization’s official letter head must be accompanied by one hard copy as well as soft copies of each of the following documents/information:

- viii) Information/documents about various performance parameters as required in the attached proforma;
- ix) Biodata and complete list of research papers. (Research papers in Impact Factor Journals should be listed separately, with their Impact Factor)
- x) A brief summary, highlighting the outstanding internationally acclaimed achievements in the field of scientific research, including the citations of the nominee’s research papers by other scientists, gold medals and other awards already received.
- xi) Reprints or photocopies of the most important research papers published in scientific journals of international repute.
- xii) Attested copy of NIC.
- xiii) Two recent passport size colored photographs of the nominee.
- xiv) If a candidate has authored an article/essay with ground breaking idea, then he/she should report such an achievement, which shall be taken into consideration while evaluating merit of the candidate.

The Academy will have the right to call for the copies of the Monographs / Books from the nominees wherever such a step is considered necessary and useful for the purpose of meaningful evaluation. Documents of the nominee, received by the Pakistan Academy of Sciences, shall not be returned whether or not the nominee is awarded the medal.

The decision of the Pakistan Academy of Sciences shall be final and shall not be challengeable in a court of law or elsewhere.

**Incomplete applications and those received after due date, will not be entertained.**

The last date for receiving the nominations (complete in all respects) by **the Secretary General, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, is February 15, 2017.**

**It may kindly be ensured that the age of the nominee is below 40 years by December 31, 2016.**