



SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Dakshin Gobindapur, P.S. - Sonarpur
Kolkata - 700 145

Approved by AICTE &
Affiliated to MAKAUT
College Code: 241
☎ 033-2437 9913
☎ 033-2437 9913
☎ 033-2437 9913
☎ 033-2437 9913

Reference No. : SVIST/241/R&D/2018/01

Date: 19/07/2018

It is hereby notified to all concerned that the Research & Development Committee (R&D) Cell has been restructured comprising of the following members:

1. Dr. Sonali Sarkar – Principal, Chairperson
2. Mr. Suman Das - HOD,ME- Convenor
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay –Chemistry, - Joint Convenor
5. Dr. Sourabh Bal - Physics, - Co-ordinator
6. Mr. Sheersendu Bhattacharya –ECE, Member
7. Mr. Pradipta Roy –CSE, Member
8. Mr. Somnath Das - ME, - Member
9. Mr. Anindya Sundar Das – ECE - Member
10. Dr. Arpan Dutta –Chemistry, Member
11. Dr. Anindita Kundu– CE, Member
12. Mr. Anindya Ghosh –ECE , Member
13. Mr. Soumik Biswas-EEE, Member

Members are requested to start working immediately and decide their course of action. You are requested to arrange meeting regularly, once/twice in a month and circulate the minutes of the meeting and take action accordingly.

(Dr. Sonali Sarkar)
Principal, SVIST

Principal
Swami Vivekananda Institute of
Science & Technology
Dakshin Gobindapur
S - Sonarpur, Kolkata-145

Principal
Swami Vivekananda Institute of
Science & Technology
Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145



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College Code: 241
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🌐 www.svist.org

Notice

Reference No. : SVIST/241/R&D/2018/02

Date: 20/07/2018

It is here by informed to all concerned of R&D cell that the meeting will be held on 21-07-2018 at 11:00 AM in the discussion room of R&D Cell. So, please attend the meeting in time.

Agendas:

1. To discuss the different activities of R&D Cell
2. To motivate students and faculty members for R&D activities.
3. To provide the opportunities for students & faculty activity participations.

Mr. Suman Das
(Convenor - R&D Cell)

Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145



SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

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Ministry of Education, MAE, AICTE
College Code: 211
Phone: (033) 2437 9913
Fax: (033) 2437 9913
E-mail: info@svit.org
www.svit.org

Date: 21-07-2018

Minutes of meeting of R&D Cell Held on 21-07-18 at 11:00 AM in the R&D Discussion Room.

Members Participated

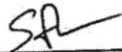
1. Dr. Sonali Sarkar – Principal, Chairperson *Sonali Sarkar*
2. Mr. Suman Das - HOD,ME- Convenor *SA*
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay –Chemistry, - Joint Convenor *Manasi Mukhopadhyay*
5. Dr. Sourabh Bal - Physics, - Co-ordinator *Sourabh Bal*
6. Mr. Sheersendu Bhattacharya –ECE, Member *Sheersendu Bhattacharya*
7. Mr. Pradipta Roy –CSE, Member *Pradipta Roy*
8. Mr. Somnath Das - ME, - Member *Somnath Das*
9. Mr. Anindya Sundar Das – ECE - Member *Anindya Sundar Das*
10. Dr. Arpan Dutta –Chemistry, Member *Arpan Dutta*
11. Dr. Anindita Kundu– CE, Member *Anindita Kundu*
12. Mr. Anindya Ghosh –ECE, Member *Anindya Ghosh*
13. Mr. Soumik Biswas-EEE, Member *Soumik Biswas*

Discussions:


1. Students of respective department are motivated to present / publish research articles in some reputed conferences / journals or inter college research article competitions to be conducted in-house or by other colleges / universities.

Sghl
Principal
Swami Vivekananda Institute of
Science & Technology
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2. College authority is assured to provide 100% of total charges of conference proceedings / book chapter / inter college research article competitions (for students)
3. Students of respective department are intimated to implement innovative ideas and prepare some prototypes / models for tech-fest, Internal Smart India Hackathon etc along with showcasing in other college activities.
4. College has purchased some necessary original Softwares and Hardwares to develop R&D activities for both students and faculty members.
5. Faculty members of respective department are also intimated to start collaborative research work with other institute / organization / industry like journal publications, patent filing and other extension or IPR activities.



Mr. Suman Das
(Convenor-R&D Cell)



Dr. Sonali Sarkar
(Principal, Chairperson- R&D Cell)

Principal
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Principal
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Fax: (033) 2437 6913
Website: www.svvt.org

Reference No. : SVIST/241/R&D/2019/01

Date: 16/07/2019

It is hereby notified to all concerned that the Research & Development Committee (R&D) Cell has been restructured comprising of the following members:

1. Dr. Sonali Sarkar – Principal, Chairperson
2. Mr. Suman Das - HOD,ME- Convenor
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay –Chemistry, - Joint Convenor
5. Dr. Sourabh Bal - Physics, - Co-ordinator
6. Dr. Chittajit Sarkar– HOD, ECE, Member
7. Mr. Pradipta Roy –CSE, Member
8. Dr. Somnath Das - ME, - Member
9. Dr. Anindya Sundar Das – ECE - Member
10. Dr. Arpan Dutta –Chemistry, Member
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12. Mr. Anindya Ghosh –ECE , Member
13. Mr. Soumik Biswas-EEE, Member

Members are requested to start working immediately and decide their course of action. You are requested to arrange meeting regularly, once/twice in a month and circulate the minutes of the meeting and take action accordingly.

(Dr. Sonali Sarkar)
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Principal
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www.svist.org

Notice

Reference No. : SVIST/241/R&D/2019/02

Date: 17/07/2019

It is here by informed to all concerned of R&D cell that the meeting will be held on 18-07-2019 at 12:00 PM in the discussion room of R&D Cell. So, please attend the meeting in time.

Agendas:

1. To discuss the policy of the promotional activities of R&D Cell
2. To provide the opportunities for students & faculty activity participations.
3. To motivate students and faculty members for R&D activities.

Mr. Suman Das
(Convenor - R&D Cell)

Principal
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E-mail: info@svit.org
www.svit.org

Date: 18-07-2019

Minutes of meeting of R&D Cell

Held on 18-07-2019 at 12:00 PM in the R&D Discussion Room.

Members Participated

1. Dr. Sonali Sarkar – Principal, Chairperson *Sonali*
2. Mr. Suman Das - HOD,ME- Convenor *Su*
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay –Chemistry, - Joint Convenor *M*
5. Dr. Sourabh Bal - Physics, - Co-ordinator *Sourabh*
6. Dr. Chittajit Sarkar– HOD, ECE, Member *Chittajit*
7. Mr. Pradipta Roy –CSE, Member *Roy*
8. Dr. Somnath Das - ME, - Member *Somnath*
9. Dr. Anindya Sundar Das – ECE - Member *Anindya*
10. Dr. Arpan Dutta –Chemistry, Member *Arpan*
11. Dr. Anindita Kundu–CE, Member *Anindita*
12. Mr. Anindya Ghosh –ECE, Member *Anindya*
13. Mr. Soumik Biswas-EEE, Member *Soumik*

Sonali
Principal
Swami Vivekananda Institute of
Science & Technology
Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145

Discussions:

1. Faculty members of respective department are asked to communicate / publish at least one Journal paper and two Conference papers / Book chapters in current academic year
2. College authority is assured to provide 50% of total charges of conference proceedings or book chapter (for faculty members).
3. Students of respective department are motivated to present / publish research articles to some reputed conferences / journals or inter college research article competitions to be conducted in-house or by other colleges / universities.
4. College has purchased some necessary original Software and Hardware to develop R&D activities for both students and faculty members.
5. Faculty members of respective department are also intimated to start collaborative research work with other institute / organization / industry like journal publications, patent filing and other extension or IPR activities.



Mr. Suman Das
(Convenor-R&D Cell)



Dr. Sonali Sarkar
(Principal, Chairperson- R&D Cell)

Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
S - Sonarpur, Kolkata-145



Principal
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Reference No. : SVIST/241/R&D/2020/01

Date: 25/11/2020

It is hereby notified to all concerned that the Research & Development Committee (R&D) Cell has been restructured comprising of the following members:

1. Dr. Sonali Sarkar – Principal, Chairperson
2. Dr. Suman Das - HOD,ME- Convenor
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay –Chemistry, - Joint Convenor
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7. Mr. Pradipta Roy –HOD,CSE, Member
8. Dr. Somnath Das - ME, - Member
9. Dr. Anindya Sundar Das – ECE - Member
10. Dr. Arpan Dutta –Chemistry, Member
11. Dr. Anindita Mukherjee –CE, Member
12. Mrs. Somasree Bhadra – CSE, Member
13. Mr. Anindya Ghosh –ECE , Member
14. Mr. Soumik Biswas-EEE, Member

Principal
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(Dr. Sonali Sarkar)
Principal, SVIST

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☎ (033) 2417 9912
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☎ (033) 2417 9914
☎ (033) 2417 9915

Notice

Reference No. : SVIST/241/R&D/2020/02

Date: 26/11/2020

It is here by informed to all concerned of R&D cell that the meeting will be held on 27-11-2020 at 11:00 AM in online mode. Meeting link will provide later before the meeting. So, please attend the meeting in time.

Agendas:

1. To motivate students and faculty members for R&D activities.
2. To provide the opportunities for students & faculty activity participations.
3. To discuss the policy of the promotional activities of R&D Cell

Dr. Suman Das
(Convenor - R&D Cell)

Principal
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P.S. - Sonarpur, Kolkata-145



SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY




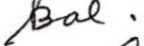





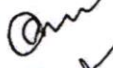
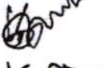


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www.svist.org

Date: 27/11/2020


Minutes of meeting of R&D Cell Held on 27-11-2020 at 11:00 AM in online mode.

Members Participated

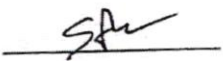
1. Dr. Sonali Sarkar- Principal, Chairperson 
2. Dr. Suman Das - HOD,ME- Convenor 
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay -Chemistry, - Joint Convenor 
5. Dr. Sourabh Bal - Physics, - Co-ordinator 
6. Mr. Sheershendu Bhattacharya -ECE, Member 
7. Mr. Pradipta Roy -HOD,CSE, Member 
8. Dr. Somnath Das - ME, - Member 
9. Dr. Anindya Sundar Das - ECE - Member 
10. Dr. Arpan Dutta -Chemistry, Member 
11. Dr. Anindita Mukherjee -CE, Member 
12. Mrs. Somasree Bhadra - CSE, Member 
13. Mr. Anindya Ghosh -ECE, Member 
14. Mr. Soumik Biswas-EEE, Member 


Discussions:

1. College authority is assured to provide 50% of total charges of conference proceedings or book chapter (for faculty members).
2. Faculty members of respective department are asked to communicate / publish at least one Journal paper and two Conference papers / Book chapters in current academic year.
3. Students of respective department are motivated to present / publish research articles to some reputed conferences / journals or inter college research article competitions to be conducted in-house or by other colleges / universities


Principal
Swami Vivekananda Institute of
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P.S., Sonarpur, Kolkata-145

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5. Students of respective department are motivated to present / publish research articles to some reputed conferences / journals or inter college research article competitions to be conducted in-house or by other colleges / universities.
6. College authority is assured to provide 100% of total charges of conference proceedings / book chapter / inter college research article competitions (for students)
7. Students of respective department are intimated to implement innovative ideas and prepare some prototypes / models for tech-fest, Internal Smart India Hackathon etc. along with showcasing in other college activities.


Dr. Suman Das
(Convenor-R&D Cell)


Dr. Sonali Sarkar
(Principal, Chairperson- R&D Cell)

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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Dakshin Gobindapur, P.S. - Sonarpur
Kolkata - 700 145

Approved by AICTE N
Ministry of MHRD
No. SVIST/241/2021
Date: 04/08/2021
SVIST/241/2021
SVIST/241/2021

Reference No. : SVIST/241/R&D/2021/01

Date: 04/08/2021

It is hereby notified to all concerned that the Research & Development Committee (R&D) Cell has been restructured comprising of the following members:

1. Dr. Sonali Ghosh – Principal, Chairperson
2. Dr. Suman Das - HOD,ME- Convenor
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay – Chemistry, - Joint Convenor
5. Dr. Sourabh Bal - Physics, - Co-ordinator
6. Dr. Chittajit Sarkar – HOD, ECE, Member
7. Mr. Pradipta Roy – HOD, CSE, Member
8. Dr. Somnath Das - ME, - Member
9. Dr. Anindya Sundar Das – ECE - Member
10. Dr. Arpan Dutta –Chemistry, Member
11. Dr. Anindita Mukherjee –CE, Member
12. Mrs. Somasree Bhadra – CSE, Member
13. Mr. Anindya Ghosh –ECE , Member
14. Mr. Soumik Biswas-EEE, Member

Principal
Swami Vivekananda Institute of
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P.S.- Sonarpur, Kolkata-145

Members are requested to start working immediately and decide their course of action. You are requested to arrange meeting regularly, once/twice in a month and circulate the minutes of the meeting and take action accordingly.

(Dr. Sonali Ghosh)
Principal, SVIST

Principal
Swami Vivekananda Institute of
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S - Sonarpur, Kolkata-145



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Notice

Reference No. : SVIST/241/R&D/2021/02

Date: 05/08/2021

It is here by informed to all concerned of R&D cell that the meeting will be held on 06-08-2021 at 11:00 AM in the discussion room of R&D Cell. So, please attend the meeting in time.

Agendas:

1. To discuss the policy of the promotional activities of R&D Cell
2. To motivate students and faculty members for R&D activities.
3. To provide the opportunities for students & faculty activity participations.

SA

Dr. Suman Das
(Convenor - R&D Cell)

Sg
Principal
Swami Vivekananda Institute of
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P.S.- Sonarpur, Kolkata-145



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Date: 06/08/2021

Minutes of meeting of R&D Cell

Held on 06/08/2021 at 11:00 AM in the R&D Discussion Room.

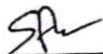
Members Participated

1. Dr. Sonali Ghosh – Principal, Chairperson *Sghosh*
2. Dr. Suman Das - HOD,ME- Convenor *SD*
3. Dr. Arindam Mondal - HOD,EEE, - Joint Convenor
4. Dr. Manasi Mukhopadhyay – Chemistry, - Joint Convenor *M*
5. Dr. Sourabh Bal - Physics, - Co-ordinator *Bal*
6. Dr. Chittajit Sarkar – HOD, ECE, Member *CS*
7. Mr. Pradipta Roy – HOD, CSE, Member *PR*
8. Dr. Somnath Das - ME, - Member *SD*
9. Dr. Anindya Sundar Das – ECE - Member *ASD*
10. Dr. Arpan Dutta –Chemistry, Member *AD*
11. Dr. Anindita Mukherjee –CE, Member *AM*
12. Mrs. Somasree Bhadra – CSE, Member *SB*
13. Mr. Anindya Ghosh –ECE, Member *AG*
14. Mr. Soumik Biswas-EEE, Member *SB*

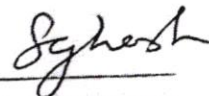
Sghosh
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Discussions:

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5. College has purchased some necessary original Software and Hardware to develop R&D activities for both students and faculty members.



Dr. Suman Das
(Convener-R&D Cell)



Dr. Sonali Ghosh
(Principal, Chairperson- R&D Cell)
Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
S - Sonarpur, Kolkata-145



Principal
Swami Vivekananda Institute of
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College Code: 211
No. SVIST/241/R&D/2022/01
Date: 15/12/2022
www.svist.org

Reference No. : SVIST/241/R&D/2022/01

Date: 15/12/2022

It is hereby notified to all concerned that the Research & Development Committee (R&D) Cell has been restructured comprising of the following members:

1. Dr. Sonali Ghosh – Principal, Chairperson
2. Mr. Samrat Paul, - HOD,EEE- Conveor
3. Dr. Suman Das - HOD, ME, - Joint Convenor
4. Dr. Manasi Mukhopadhyay – HOD, Chemistry, - Joint Convenor
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12. Mrs. Somasree Bhadra – CSE, Member
13. Mr. Anindya Ghosh –ECE , Member
14. Dr. Debansu Chatterjee – MBA, Member
15. Mr. Arkaprava Bhaduri Mandal – CSE, Member
16. Dr. Debal Pramanik – ME, Member
17. Dr.Sourav Debnath – EEE, Member
18. Mr. Syed Mohammad Sahil – CE, Member

Principal
Swami Vivekananda Institute of
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Members are requested to start working immediately and decide their course of action. **You are requested to arrange meeting regularly, once/twice in a month and circulate the minutes of the meeting and take action accordingly.**

(Dr. Sonali Ghosh)
Principal, SVIST

Principal
Swami Vivekananda Institute of
Science & Technology
Dakshin Gobindapur
Sonarpur, Kolkata-145



**SWAMI VIVEKANANDA INSTITUTE
OF SCIENCE & TECHNOLOGY**

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Notice

Reference No. : SVIST/241/R&D/2022/02

Date: 09-01-2023

It is here by informed to all concerned of R&D cell that the meeting will be held on 11-01-2023 at 11:00 AM in the discussion room of R&D Cell. So, please attend the meeting in time.

Agendas:

1. To discuss the policy of the promotional activities of R&D Cell
2. To motivate students and faculty members for R&D activities.
3. To provide the opportunities for students & faculty activity participations.

Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145

Mr Samrat Paul
(Convenor - R&D Cell)



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Date: 11-01-2023

Minutes of meeting of R&D Cell

Held on 11-01-23 at 11:00 AM in the R&D Discussion Room.

Members Participated

1. Dr. Sonali Ghosh – Principal, Chairperson
2. Mr. Samrat Paul, - HOD,EEE- Convenor *SP*
3. Dr. Suman Das - HOD, ME, - Joint Convenor *SD*
4. Dr. Manasi Mukhopadhyay – HOD, Chemistry, - Joint Convenor *Manasi*
5. Dr. Sourabh Bal - HOD, Physics, - Co-ordinator *Bal*
6. Mr. Sheersendu Bhattacharya – HOD, ECE, Member *Sheersendu*
7. Mr. Pradipta Roy – HOD, CSE, Member *Roy*
8. Dr. Somnath Das - TIC-ME, - Member *Somnath*
9. Dr. Anindya Sundar Das – ECE - Member *Anindya*
10. Dr. Arpan Dutta –Chemistry, Member *Arpan*
11. Dr. Anindita Mukherjee – HOD, CE, Member *Anindita*
12. Mrs. Somasree Bhadra – CSE, Member *Somasree*
13. Mr. Anindya Ghosh –ECE, Member *Anindya*
14. Dr. Debansu Chatterjee – MBA, Member
15. Mr. Arkaprava Bhaduri Mandal – CSE, Member *Arkaprava*
16. Dr. Debal Pramanik – ME, Member *Debal*
17. Dr. Sourav Debnath – EEE, Member *Sourav*
18. Mr. Syed Mohammad Sahil – CE, Member *Sahil*

S. Ghosh
Principal
Swami Vivekananda Institute of
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Discussions:

1. Faculty members of respective department are asked to communicate / publish at least one Journal paper and two Conference papers / Book chapters in current academic year.
2. College authority is assured to provide 50% of total charges of conference proceedings or book chapter (for faculty members).
3. Students of respective department are motivated to present / publish research articles to some reputed conferences / journals or inter college research article competitions to be conducted in-house or by other colleges / universities.
4. College authority is assured to provide 100% of total charges of conference proceedings /book chapter / inter college research article competitions (for students)
5. Students of respective department are intimated to implement innovative ideas and prepare some prototypes / models for tech-fest, Internal Smart India Hackathon etc. along with showcasing in other college activities.
6. College has purchased some necessary original Software and Hardware to develop R&D activities for both students and faculty members.
7. Faculty members of respective department are also intimated to start collaborative research work with other institute / organization / industry like journal publications, patent filling and other extension or IPR activities.

Mr. Samrat Paul
(Convenor - R&D Cell)

Dr. Sonali Ghosh
(Principal, Chairperson- R&D Cell)

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(71)Name of Applicant :

1)DR.KOUSHIK MISHRA

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1)DR.KOUSHIK MISHRA


2)DR.BIJOY BHATTACHARYYA

3)DR.BIPLAB RANJAN SARKAR

(57) Abstract :

The present disclosure provides an apparatus for holding tool for electrochemical milling. The apparatus comprises a tool holding fixture (102) comprising a base plate, a pair of side plates, and an angle plate, a stepper motor (104), a hollow shaft (106) for holding a tool, and a power source. The hollow shaft (106) passes through a set of bearings (116-1, 116-2) mounted on the tool holding fixture (102). The apparatus further comprises a pair of timing pulleys and a timing belt. The angle plate comprises a plurality of clear slots to firmly hold entire tool holding arrangement, enable repositioning of the hollow shaft (106) and the stepper motor (104) respectively. The hollow shaft (106) is attached to an electrolyte supply unit at top end and exposes the tool to surface of an anode workpiece at bottom end. The power source is a direct current (DC) power source to supply required power to the stepper motor (104) and the cathode tool (110).

No. of Pages : 26 No. of Claims : 10


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